

APPENDIX C
LABORATORY ANALYTICAL DATA



E.S.BABCOCK & Sons, Inc.

Environmental Laboratories est. 1906

Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
San Bernardino, CA 92408

Analytical Report: Page 5 of 42
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Report Date: 19-Dec-2008

Work Order Number: A8K2540

Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

A8K2540-02

Sample Description: OC-11B
Matrix: Liquid
Sampled Date/Time: 11/26/08 08:20
Received Date/Time: 11/26/08 14:25

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include General Inorganics (Perchlorate), Metals and Metalloids (Total Chromium), and Volatile Organic Compounds (various benzene and chloroethane derivatives).

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P.O. Box 432
Riverside, CA 92502-0432

location
6100 Quail Valley Court
Riverside, CA 92507-0704

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www.babcocklabs.com

NELAP no. 02101CA
CA ELAP no. 1156
EPA no. CA00102



E.S.BABCOCK&Sons, Inc.

Environmental Laboratories est. 1906

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Contact: Mike Reason
Address: 1831 Commercenter East
San Bernardino, CA 92408

Analytical Report: Page 6 of 42
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Report Date: 19-Dec-2008

Work Order Number: A8K2540

Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

A8K2540-02

Sample Description: OC-11B
Matrix: Liquid
Sampled Date/Time: 11/26/08 08:20
Received Date/Time: 11/26/08 14:25

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like Acrylonitrile, Benzene, etc.

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Analytical Report: Page 7 of 42
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Report Date: 19-Dec-2008

Work Order Number: A8K2540

Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

A8K2540-02

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
OC-11B	Liquid	11/26/08 08:20	11/26/08 14:25

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B								
p-Isopropyltoluene	ND	50	8.4	ug/L	EPA 8260B	12/10/08 14:03	eec	
sec-Butylbenzene	ND	50	12	ug/L	EPA 8260B	12/10/08 14:03	eec	
Styrene	ND	50	22	ug/L	EPA 8260B	12/10/08 14:03	eec	
tert-Amyl Methyl Ether	ND	300	37	ug/L	EPA 8260B	12/10/08 14:03	eec	
tert-Butyl alcohol	ND	500	150	ug/L	EPA 8260B	12/10/08 14:03	eec	
tert-Butylbenzene	ND	50	21	ug/L	EPA 8260B	12/10/08 14:03	eec	
Tetrachloroethene	110	50	17	ug/L	EPA 8260B	12/10/08 14:03	eec	
Toluene	22	50	22	ug/L	EPA 8260B	12/10/08 14:03	eec	J
trans-1,2-Dichloroethene	ND	50	10	ug/L	EPA 8260B	12/10/08 14:03	eec	
trans-1,3-Dichloropropene	ND	50	24	ug/L	EPA 8260B	12/10/08 14:03	eec	
Trichloroethene	2500	50	50	ug/L	EPA 8260B	12/10/08 14:03	eec	
Trichlorofluoromethane	ND	500	16	ug/L	EPA 8260B	12/10/08 14:03	eec	
Trichlorotrifluoroethane	ND	1000	25	ug/L	EPA 8260B	12/10/08 14:03	eec	
Vinyl Acetate	ND	1000	48	ug/L	EPA 8260B	12/10/08 14:03	eec	
Vinyl Chloride	ND	50	13	ug/L	EPA 8260B	12/10/08 14:03	eec	
Xylenes (m+p)	ND	50	36	ug/L	EPA 8260B	12/10/08 14:03	eec	
Xylenes (ortho)	ND	50	41	ug/L	EPA 8260B	12/10/08 14:03	eec	
Xylenes (Total)	42	50	41	ug/L	EPA 8260B	12/10/08 14:03	eec	J
Surrogate: 1,2-Dichloroethane-d4	96.2	% 80-124			EPA 8260B	12/10/08 14:03	eec	
Surrogate: Bromofluorobenzene	99.8	% 71-149			EPA 8260B	12/10/08 14:03	eec	
Surrogate: Toluene-d8	104	% 80-120			EPA 8260B	12/10/08 14:03	eec	

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CA ELAP no. 1156
EPA no. CA00102



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Address: 1831 Commercenter East
San Bernardino, CA 92408

Analytical Report: Page 2 of 36
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Report Date: 10-Dec-2008

Work Order Number: A8K2002

Received on Ice (Y/N): Yes Temp: 5 °C

Laboratory Reference Number

A8K2002-01

Sample Description LEO-11A
Matrix Liquid
Sampled Date/Time 11/21/08 07:25
Received Date/Time 11/21/08 14:30

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Surfactants, General Inorganics, Metals and Metalloids, and Volatile Organic Compounds.

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San Bernardino, CA 92408

Analytical Report: Page 3 of 36
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Report Date: 10-Dec-2008

Work Order Number: A8K2002

Received on Ice (Y/N): Yes Temp: 5 °C

Laboratory Reference Number

A8K2002-01

Sample Description LEO-11A Matrix Liquid Sampled Date/Time 11/21/08 07:25 Received Date/Time 11/21/08 14:30

Table with columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Lists various Volatile Organic Compounds by EPA 8260B and their corresponding results.

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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
San Bernardino, CA 92408

Analytical Report: Page 4 of 36
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Report Date: 10-Dec-2008

Work Order Number: A8K2002

Received on Ice (Y/N): Yes Temp: 5 °C

Laboratory Reference Number

A8K2002-01

Sample Description LEO-11A Matrix Liquid Sampled Date/Time 11/21/08 07:25 Received Date/Time 11/21/08 14:30

Table with columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like Naphthalene, Benzene, etc.

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 Address: 1831 Commercenter East
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Analytical Report: Page 2 of 29
 Project Name: Stringfellow - Total
 Project Number: 3264-SF-T

Report Date: 16-Dec-2008

Work Order Number: A8L0095

Received on Ice (Y/N): Yes Temp: 5 °C

Laboratory Reference Number
A8L0095-01

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
MW-9B	Liquid	12/01/08 08:10	12/01/08 13:45

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
General Inorganics								
Perchlorate	350	10	7.1	ug/L*	EPA 332.0	12/03/08 13:00	aa	
Metals and Metalloids; EPA SW846 Series								
Total Chromium	46	10	0.50	ug/L	EPA 6020	12/11/08 14:33	ap	
Volatile Organic Compounds by EPA 8260B								
1,1,1,2-Tetrachloroethane	ND	5.0	1.4	ug/L	EPA 8260B	12/11/08 05:31	eec	
1,1,1-Trichloroethane	ND	5.0	1.2	ug/L	EPA 8260B	12/11/08 05:31	eec	
1,1,2,2-Tetrachloroethane	ND	5.0	2.9	ug/L	EPA 8260B	12/11/08 05:31	eec	
1,1,2-Trichloroethane	ND	5.0	3.1	ug/L	EPA 8260B	12/11/08 05:31	eec	
1,1-Dichloroethane	ND	5.0	0.98	ug/L	EPA 8260B	12/11/08 05:31	eec	
1,1-Dichloroethene	ND	5.0	1.2	ug/L	EPA 8260B	12/11/08 05:31	eec	
1,1-Dichloropropene	ND	5.0	1.4	ug/L	EPA 8260B	12/11/08 05:31	eec	
1,2,3-Trichlorobenzene	ND	5.0	2.9	ug/L	EPA 8260B	12/11/08 05:31	eec	
1,2,3-Trichloropropane	ND	5.0	2.9	ug/L	EPA 8260B	12/11/08 05:31	eec	
1,2,4-Trichlorobenzene	ND	5.0	3.4	ug/L	EPA 8260B	12/11/08 05:31	eec	
1,2,4-Trimethylbenzene	ND	5.0	0.93	ug/L	EPA 8260B	12/11/08 05:31	eec	
1,2-Dichlorobenzene	ND	5.0	2.0	ug/L	EPA 8260B	12/11/08 05:31	eec	
1,2-Dichloroethane	ND	5.0	2.1	ug/L	EPA 8260B	12/11/08 05:31	eec	
1,2-Dichloropropane	ND	5.0	5.0	ug/L	EPA 8260B	12/11/08 05:31	eec	
1,3,5-Trimethylbenzene	ND	5.0	0.79	ug/L	EPA 8260B	12/11/08 05:31	eec	
1,3-Dichlorobenzene	ND	5.0	1.5	ug/L	EPA 8260B	12/11/08 05:31	eec	
1,3-Dichloropropane	ND	5.0	2.2	ug/L	EPA 8260B	12/11/08 05:31	eec	
1,4-Dichlorobenzene	ND	5.0	0.72	ug/L	EPA 8260B	12/11/08 05:31	eec	
2,2-Dichloropropane	ND	5.0	4.9	ug/L	EPA 8260B	12/11/08 05:31	eec	
2-Butanone(MEK)	ND	50	12	ug/L	EPA 8260B	12/11/08 05:31	eec	
2-Chlorotoluene	ND	5.0	0.92	ug/L	EPA 8260B	12/11/08 05:31	eec	
4-Chlorotoluene	ND	5.0	0.95	ug/L	EPA 8260B	12/11/08 05:31	eec	
4-Methyl-2-Pentanone(MIBK)	ND	50	9.5	ug/L	EPA 8260B	12/11/08 05:31	eec	
Acetone	ND	50	50	ug/L	EPA 8260B	12/11/08 05:31	eec	
Acrolein (EPA 8260B)	ND	100	37	ug/L	EPA 8260B	12/11/08 05:31	eec	

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Analytical Report: Page 3 of 29
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Report Date: 16-Dec-2008

Work Order Number: A8L0095

Received on Ice (Y/N): Yes Temp: 5 °C

Laboratory Reference Number

A8L0095-01

Sample Description MW-9B Matrix Liquid Sampled Date/Time 12/01/08 08:10 Received Date/Time 12/01/08 13:45

Table with columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like Acrylonitrile, Benzene, etc.

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Analytical Report: Page 4 of 29
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Report Date: 16-Dec-2008

Work Order Number: A8L0095

Received on Ice (Y/N): Yes Temp: 5 °C

Laboratory Reference Number

A8L0095-01

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
MW-9B	Liquid	12/01/08 08:10	12/01/08 13:45

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B								
p-Isopropyltoluene	ND	5.0	0.84	ug/L	EPA 8260B	12/11/08 05:31	eec	
sec-Butylbenzene	ND	5.0	1.2	ug/L	EPA 8260B	12/11/08 05:31	eec	
Styrene	ND	5.0	2.2	ug/L	EPA 8260B	12/11/08 05:31	eec	
tert-Amyl Methyl Ether	ND	30	3.7	ug/L	EPA 8260B	12/11/08 05:31	eec	
tert-Butyl alcohol	ND	50	15	ug/L	EPA 8260B	12/11/08 05:31	eec	
tert-Butylbenzene	ND	5.0	2.1	ug/L	EPA 8260B	12/11/08 05:31	eec	
Tetrachloroethene	ND	5.0	1.7	ug/L	EPA 8260B	12/11/08 05:31	eec	
Toluene	ND	5.0	2.2	ug/L	EPA 8260B	12/11/08 05:31	eec	
trans-1,2-Dichloroethene	ND	5.0	1.0	ug/L	EPA 8260B	12/11/08 05:31	eec	
trans-1,3-Dichloropropene	ND	5.0	2.4	ug/L	EPA 8260B	12/11/08 05:31	eec	
Trichloroethene	120	5.0	5.0	ug/L	EPA 8260B	12/11/08 05:31	eec	
Trichlorofluoromethane	ND	50	1.6	ug/L	EPA 8260B	12/11/08 05:31	eec	
Trichlorotrifluoroethane	ND	100	2.5	ug/L	EPA 8260B	12/11/08 05:31	eec	
Vinyl Acetate	ND	100	4.8	ug/L	EPA 8260B	12/11/08 05:31	eec	
Vinyl Chloride	ND	5.0	1.3	ug/L	EPA 8260B	12/11/08 05:31	eec	
Xylenes (m+p)	ND	5.0	3.6	ug/L	EPA 8260B	12/11/08 05:31	eec	
Xylenes (ortho)	ND	5.0	4.1	ug/L	EPA 8260B	12/11/08 05:31	eec	
Xylenes (Total)	ND	5.0	4.1	ug/L	EPA 8260B	12/11/08 05:31	eec	
Surrogate: 1,2-Dichloroethane-d4	102	%	80-124		EPA 8260B	12/11/08 05:31	eec	
Surrogate: Bromofluorobenzene	94.4	%	71-149		EPA 8260B	12/11/08 05:31	eec	
Surrogate: Toluene-d8	104	%	80-120		EPA 8260B	12/11/08 05:31	eec	

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Contact: Mike Reason
Address: 1831 Commercenter East
San Bernardino, CA 92408

Analytical Report: Page 5 of 29
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Report Date: 04-Dec-2008

Work Order Number: A8K1792

Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number
A8K1792-02

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
CTS-OW3	Liquid	11/19/08 14:05	11/20/08 7:46

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
General Inorganics								
Perchlorate	27	0.50	0.35	ug/L*	EPA 332.0	11/21/08 09:14	aa	
Metals and Metalloids; EPA SW846 Series								
Total Chromium	1.7	10	0.50	ug/L	EPA 6020	12/02/08 15:57	ap	J
Volatile Organic Compounds by EPA 8260B								
1,1,1,2-Tetrachloroethane	ND	0.50	0.14	ug/L	EPA 8260B	11/26/08 02:51	eec	
1,1,1-Trichloroethane	ND	0.50	0.12	ug/L	EPA 8260B	11/26/08 02:51	eec	
1,1,2,2-Tetrachloroethane	ND	0.50	0.29	ug/L	EPA 8260B	11/26/08 02:51	eec	
1,1,2-Trichloroethane	ND	0.50	0.31	ug/L	EPA 8260B	11/26/08 02:51	eec	
1,1-Dichloroethane	ND	0.50	0.098	ug/L	EPA 8260B	11/26/08 02:51	eec	
1,1-Dichloroethene	ND	0.50	0.12	ug/L	EPA 8260B	11/26/08 02:51	eec	
1,1-Dichloropropene	ND	0.50	0.14	ug/L	EPA 8260B	11/26/08 02:51	eec	
1,2,3-Trichlorobenzene	ND	0.50	0.29	ug/L	EPA 8260B	11/26/08 02:51	eec	
1,2,3-Trichloropropane	ND	0.50	0.29	ug/L	EPA 8260B	11/26/08 02:51	eec	
1,2,4-Trichlorobenzene	ND	0.50	0.34	ug/L	EPA 8260B	11/26/08 02:51	eec	
1,2,4-Trimethylbenzene	ND	0.50	0.093	ug/L	EPA 8260B	11/26/08 02:51	eec	
1,2-Dichlorobenzene	ND	0.50	0.20	ug/L	EPA 8260B	11/26/08 02:51	eec	
1,2-Dichloroethane	ND	0.50	0.21	ug/L	EPA 8260B	11/26/08 02:51	eec	
1,2-Dichloropropane	ND	0.50	0.50	ug/L	EPA 8260B	11/26/08 02:51	eec	
1,3,5-Trimethylbenzene	ND	0.50	0.079	ug/L	EPA 8260B	11/26/08 02:51	eec	
1,3-Dichlorobenzene	ND	0.50	0.15	ug/L	EPA 8260B	11/26/08 02:51	eec	
1,3-Dichloropropane	ND	0.50	0.22	ug/L	EPA 8260B	11/26/08 02:51	eec	
1,4-Dichlorobenzene	ND	0.50	0.072	ug/L	EPA 8260B	11/26/08 02:51	eec	
2,2-Dichloropropane	ND	0.50	0.49	ug/L	EPA 8260B	11/26/08 02:51	eec	
2-Butanone(MEK)	ND	5.0	1.2	ug/L	EPA 8260B	11/26/08 02:51	eec	
2-Chlorotoluene	ND	0.50	0.092	ug/L	EPA 8260B	11/26/08 02:51	eec	
4-Chlorotoluene	ND	0.50	0.095	ug/L	EPA 8260B	11/26/08 02:51	eec	
4-Methyl-2-Pentanone(MIBK)	ND	5.0	0.95	ug/L	EPA 8260B	11/26/08 02:51	eec	
Acetone	ND	5.0	5.0	ug/L	EPA 8260B	11/26/08 02:51	eec	
Acrolein (EPA 8260B)	ND	10	3.7	ug/L	EPA 8260B	11/26/08 02:51	eec	

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Contact: Mike Reason
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Analytical Report: Page 6 of 29
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Report Date: 04-Dec-2008

Work Order Number: A8K1792
Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number
A8K1792-02

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
CTS-OW3	Liquid	11/19/08 14:05	11/20/08 7:46

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B								
Acrylonitrile (EPA 8260B)	ND	10	3.3	ug/L	EPA 8260B	11/26/08 02:51	eec	
Benzene	ND	0.50	0.14	ug/L	EPA 8260B	11/26/08 02:51	eec	
Bromobenzene	ND	0.50	0.22	ug/L	EPA 8260B	11/26/08 02:51	eec	
Bromochloromethane	ND	0.50	0.33	ug/L	EPA 8260B	11/26/08 02:51	eec	
Bromodichloromethane	ND	0.50	0.50	ug/L	EPA 8260B	11/26/08 02:51	eec	
Bromoform	ND	0.50	0.13	ug/L	EPA 8260B	11/26/08 02:51	eec	
Bromomethane	ND	0.50	0.48	ug/L	EPA 8260B	11/26/08 02:51	eec	
Carbon Disulfide	ND	0.50	0.36	ug/L	EPA 8260B	11/26/08 02:51	eec	
Carbon Tetrachloride	ND	0.50	0.15	ug/L	EPA 8260B	11/26/08 02:51	eec	
Chlorobenzene	ND	0.50	0.23	ug/L	EPA 8260B	11/26/08 02:51	eec	
Chloroethane	ND	0.50	0.50	ug/L	EPA 8260B	11/26/08 02:51	eec	
Chloroform	0.59	0.50	0.46	ug/L	EPA 8260B	11/26/08 02:51	eec	
Chloromethane	ND	0.50	0.36	ug/L	EPA 8260B	11/26/08 02:51	eec	
cis-1,2-Dichloroethene	ND	0.50	0.18	ug/L	EPA 8260B	11/26/08 02:51	eec	
cis-1,3-Dichloropropene	ND	0.50	0.30	ug/L	EPA 8260B	11/26/08 02:51	eec	
Dibromochloromethane	ND	0.50	0.37	ug/L	EPA 8260B	11/26/08 02:51	eec	
Dibromochloropropane	ND	5.0	0.44	ug/L	EPA 8260B	11/26/08 02:51	eec	
Dibromomethane	ND	0.50	0.50	ug/L	EPA 8260B	11/26/08 02:51	eec	
Dichlorodifluoromethane	ND	0.50	0.18	ug/L	EPA 8260B	11/26/08 02:51	eec	
Di-isopropyl ether	ND	3.0	0.24	ug/L	EPA 8260B	11/26/08 02:51	eec	
Ethyl tert-Butyl Ether	ND	3.0	0.29	ug/L	EPA 8260B	11/26/08 02:51	eec	
Ethylbenzene	ND	0.50	0.26	ug/L	EPA 8260B	11/26/08 02:51	eec	
Ethylene dibromide	ND	5.0	0.14	ug/L	EPA 8260B	11/26/08 02:51	eec	
Hexachlorobutadiene	ND	0.50	0.21	ug/L	EPA 8260B	11/26/08 02:51	eec	
Isopropylbenzene	ND	0.50	0.36	ug/L	EPA 8260B	11/26/08 02:51	eec	
Methyl tert butyl Ether	ND	3.0	0.43	ug/L	EPA 8260B	11/26/08 02:51	eec	
Methylene Chloride	ND	0.50	0.50	ug/L	EPA 8260B	11/26/08 02:51	eec	
Naphthalene	ND	0.50	0.44	ug/L	EPA 8260B	11/26/08 02:51	eec	
n-Butylbenzene	ND	0.50	0.15	ug/L	EPA 8260B	11/26/08 02:51	eec	
n-Propylbenzene	ND	0.50	0.15	ug/L	EPA 8260B	11/26/08 02:51	eec	

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NELAP no. 02101CA
CA ELAP no. 1156
EPA no. CA00102



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Environmental Laboratories *est. 1906*

Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
San Bernardino, CA 92408

Analytical Report: Page 7 of 29
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Report Date: 04-Dec-2008

Work Order Number: A8K1792

Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

A8K1792-02

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
CTS-OW3	Liquid	11/19/08 14:05	11/20/08 7:46

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B								
p-Isopropyltoluene	ND	0.50	0.084	ug/L	EPA 8260B	11/26/08 02:51	eec	
sec-Butylbenzene	ND	0.50	0.12	ug/L	EPA 8260B	11/26/08 02:51	eec	
Styrene	ND	0.50	0.22	ug/L	EPA 8260B	11/26/08 02:51	eec	
tert-Amyl Methyl Ether	ND	3.0	0.37	ug/L	EPA 8260B	11/26/08 02:51	eec	
tert-Butyl alcohol	ND	5.0	1.5	ug/L	EPA 8260B	11/26/08 02:51	eec	
tert-Butylbenzene	ND	0.50	0.21	ug/L	EPA 8260B	11/26/08 02:51	eec	
Tetrachloroethene	ND	0.50	0.17	ug/L	EPA 8260B	11/26/08 02:51	eec	
Toluene	ND	0.50	0.22	ug/L	EPA 8260B	11/26/08 02:51	eec	
trans-1,2-Dichloroethene	ND	0.50	0.10	ug/L	EPA 8260B	11/26/08 02:51	eec	
trans-1,3-Dichloropropene	ND	0.50	0.24	ug/L	EPA 8260B	11/26/08 02:51	eec	
Trichloroethene	4.7	0.50	0.50	ug/L	EPA 8260B	11/26/08 02:51	eec	
Trichlorofluoromethane	ND	5.0	0.16	ug/L	EPA 8260B	11/26/08 02:51	eec	
Trichlorotrifluoroethane	ND	10	0.25	ug/L	EPA 8260B	11/26/08 02:51	eec	
Vinyl Acetate	ND	10	0.48	ug/L	EPA 8260B	11/26/08 02:51	eec	
Vinyl Chloride	ND	0.50	0.13	ug/L	EPA 8260B	11/26/08 02:51	eec	
Xylenes (m+p)	ND	0.50	0.36	ug/L	EPA 8260B	11/26/08 02:51	eec	
Xylenes (ortho)	ND	0.50	0.41	ug/L	EPA 8260B	11/26/08 02:51	eec	
Xylenes (Total)	ND	0.50	0.41	ug/L	EPA 8260B	11/26/08 02:51	eec	
Surrogate: 1,2-Dichloroethane-d4	99.1	% 80-124			EPA 8260B	11/26/08 02:51	eec	
Surrogate: Bromofluorobenzene	96.3	% 71-149			EPA 8260B	11/26/08 02:51	eec	
Surrogate: Toluene-d8	96.8	% 80-120			EPA 8260B	11/26/08 02:51	eec	

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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
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San Bernardino, CA 92408

Analytical Report: Page 2 of 42
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Report Date: 19-Dec-2008

Work Order Number: A8K2540

Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

A8K2540-01

Sample Description: OW-68D1
Matrix: Liquid
Sampled Date/Time: 11/26/08 07:30
Received Date/Time: 11/26/08 14:25

Table with columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include General Inorganics (Perchlorate), Metals and Metalloids (Total Chromium), and Volatile Organic Compounds (various benzene and chloroethane derivatives).

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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
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Analytical Report: Page 3 of 42
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Report Date: 19-Dec-2008

Work Order Number: A8K2540

Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

A8K2540-01

Sample Description: OW-68D1
Matrix: Liquid
Sampled Date/Time: 11/26/08 07:30
Received Date/Time: 11/26/08 14:25

Table with columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Contains data for Volatile Organic Compounds by EPA 8260B, listing various chemicals and their detection results.

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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
San Bernardino, CA 92408

Analytical Report: Page 4 of 42
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Report Date: 19-Dec-2008

Work Order Number: A8K2540

Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

A8K2540-01

Sample Description: OW-68D1
Matrix: Liquid
Sampled Date/Time: 11/26/08 07:30
Received Date/Time: 11/26/08 14:25

Table with columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Contains data for Volatile Organic Compounds by EPA 8260B, including p-Isopropyltoluene, sec-Butylbenzene, Styrene, etc.

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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
San Bernardino, CA 92408

Analytical Report: Page 5 of 35
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Report Date: 04-Dec-2008

Work Order Number: A8K1762

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8K1762-02

Sample Description: FC-1020A
Matrix: Liquid
Sampled Date/Time: 11/19/08 07:55
Received Date/Time: 11/19/08 14:00

Table with columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include General Inorganics, Metals and Metalloids, and Volatile Organic Compounds.

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EPA no. CA00102



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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
San Bernardino, CA 92408

Analytical Report: Page 6 of 35
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Report Date: 04-Dec-2008

Work Order Number: A8K1762

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8K1762-02

Sample Description Matrix Sampled Date/Time Received Date/Time
FC-1020A Liquid 11/19/08 07:55 11/19/08 14:00

Table with columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like Acrylonitrile, Benzene, etc.

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EPA no. CA00102



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Client Name: GeoLogic Associates-SB
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Address: 1831 Commercenter East
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Analytical Report: Page 7 of 35
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Report Date: 04-Dec-2008

Work Order Number: **A8K1762**

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8K1762-02

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
FC-1020A	Liquid	11/19/08 07:55	11/19/08 14:00

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B								
p-Isopropyltoluene	ND	0.50	0.084	ug/L	EPA 8260B	11/24/08 08:44	eec	
sec-Butylbenzene	ND	0.50	0.12	ug/L	EPA 8260B	11/24/08 08:44	eec	
Styrene	ND	0.50	0.22	ug/L	EPA 8260B	11/24/08 08:44	eec	
tert-Amyl Methyl Ether	ND	3.0	0.37	ug/L	EPA 8260B	11/24/08 08:44	eec	
tert-Butyl alcohol	ND	5.0	1.5	ug/L	EPA 8260B	11/24/08 08:44	eec	
tert-Butylbenzene	ND	0.50	0.21	ug/L	EPA 8260B	11/24/08 08:44	eec	
Tetrachloroethene	ND	0.50	0.17	ug/L	EPA 8260B	11/24/08 08:44	eec	
Toluene	ND	0.50	0.22	ug/L	EPA 8260B	11/24/08 08:44	eec	
trans-1,2-Dichloroethene	ND	0.50	0.10	ug/L	EPA 8260B	11/24/08 08:44	eec	
trans-1,3-Dichloropropene	ND	0.50	0.24	ug/L	EPA 8260B	11/24/08 08:44	eec	
Trichloroethene	0.74	0.50	0.50	ug/L	EPA 8260B	11/24/08 08:44	eec	
Trichlorofluoromethane	ND	5.0	0.16	ug/L	EPA 8260B	11/24/08 08:44	eec	
Trichlorotrifluoroethane	ND	10	0.25	ug/L	EPA 8260B	11/24/08 08:44	eec	
Vinyl Acetate	ND	10	0.48	ug/L	EPA 8260B	11/24/08 08:44	eec	
Vinyl Chloride	ND	0.50	0.13	ug/L	EPA 8260B	11/24/08 08:44	eec	
Xylenes (m+p)	ND	0.50	0.36	ug/L	EPA 8260B	11/24/08 08:44	eec	
Xylenes (ortho)	ND	0.50	0.41	ug/L	EPA 8260B	11/24/08 08:44	eec	
Xylenes (Total)	ND	0.50	0.41	ug/L	EPA 8260B	11/24/08 08:44	eec	
Surrogate: 1,2-Dichloroethane-d4	105	% 80-124			EPA 8260B	11/24/08 08:44	eec	
Surrogate: Bromofluorobenzene	98.9	% 71-149			EPA 8260B	11/24/08 08:44	eec	
Surrogate: Toluene-d8	96.7	% 80-120			EPA 8260B	11/24/08 08:44	eec	



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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
San Bernardino, CA 92408

Analytical Report: Page 1 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Work Order Number: A8C1524

Report Date: 03-Apr-2008

Received on Ice (Y/N): Yes Temp: 4 °C

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department.

Sample Identification

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Submitted</u>	<u>By</u>
A8C1524-01	LEO-11A 58 - Hydra Sleeve Sampling	Liquid	03/17/08 13:30	Neal Beaty	03/18/08 16:20	Neal Beaty
A8C1524-02	LEO-11A 61 - Hydra Sleeve Sampling	Liquid	03/17/08 13:45	Neal Beaty	03/18/08 16:20	Neal Beaty
A8C1524-03	FC-1020A 35 - Hydra Sleeve Sampling	Liquid	03/17/08 14:30	Neal Beaty	03/18/08 16:20	Neal Beaty
A8C1524-04	FC-1020A 40 - Hydra Sleeve Sampling	Liquid	03/17/08 14:45	Neal Beaty	03/18/08 16:20	Neal Beaty
A8C1524-05	FC-1020A 45 - Hydra Sleeve Sampling	Liquid	03/17/08 15:00	Neal Beaty	03/18/08 16:20	Neal Beaty
A8C1524-06	FC-1020A 50 - Hydra Sleeve Sampling	Liquid	03/17/08 15:15	Neal Beaty	03/18/08 16:20	Neal Beaty
A8C1524-07	CTS-OW3 55 - Hydra Sleeve Sampling	Liquid	03/17/08 16:15	Neal Beaty	03/18/08 16:20	Neal Beaty
A8C1524-08	CTS-OW3 58 - Hydra Sleeve Sampling	Liquid	03/17/08 16:30	Neal Beaty	03/18/08 16:20	Neal Beaty
A8C1524-09	CTS-OW3 75 - Hydra Sleeve Sampling	Liquid	03/17/08 16:45	Neal Beaty	03/18/08 16:20	Neal Beaty
A8C1524-10	CTS-OW3 78 - Hydra Sleeve Sampling	Liquid	03/17/08 17:00	Neal Beaty	03/18/08 16:20	Neal Beaty
A8C1524-11	MW-9B 57 - Hydra Sleeve Sampling	Liquid	03/17/08 17:30	Neal Beaty	03/18/08 16:20	Neal Beaty
A8C1524-12	MW-9B 57 - Hydra Sleeve Sampling	Liquid	03/17/08 17:35	Neal Beaty	03/18/08 16:20	Neal Beaty
A8C1524-13	MW-9B 65 - Hydra Sleeve Sampling	Liquid	03/17/08 18:45	Neal Beaty	03/18/08 16:20	Neal Beaty
A8C1524-14	MW-9B 73 - Hydra Sleeve Sampling	Liquid	03/17/08 18:00	Neal Beaty	03/18/08 16:20	Neal Beaty
A8C1524-15	MW-9B 81 - Hydra Sleeve Sampling	Liquid	03/17/08 18:15	Neal Beaty	03/18/08 16:20	Neal Beaty



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Client Name: GeoLogic Associates-SB
 Contact: Mike Reason
 Address: 1831 Commercenter East
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Analytical Report: Page 2 of 114
 Project Name: Stringfellow Project
 Project Number: Stringfellow

Work Order Number: A8C1524

Report Date: 03-Apr-2008

Received on Ice (Y/N): Yes Temp: 4 °C

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department.

Sample Identification

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Submitted</u>	<u>By</u>
A8C1524-16	OC-11B 39 - Hydra Sleeve Sampling	Liquid	03/17/08 18:50	Neal Beaty	03/18/08 16:20	Neal Beaty
A8C1524-17	OC-11B 42 - Hydra Sleeve Sampling	Liquid	03/17/08 19:15	Neal Beaty	03/18/08 16:20	Neal Beaty
A8C1524-18	OC-11B 68 - Hydra Sleeve Sampling	Liquid	03/17/08 19:30	Neal Beaty	03/18/08 16:20	Neal Beaty
A8C1524-19	OC-11B 71 - Hydra Sleeve Sampling	Liquid	03/17/08 19:40	Neal Beaty	03/18/08 16:20	Neal Beaty
A8C1524-20	OW-68D1 53 - Hydra Sleeve Sampling	Liquid	03/18/08 12:30	Neal Beaty	03/18/08 16:20	Neal Beaty
A8C1524-21	OW-68D1 53 - Hydra Sleeve Sampling	Liquid	03/18/08 12:45	Neal Beaty	03/18/08 16:20	Neal Beaty
A8C1524-22	OW-68D1 56 - Hydra Sleeve Sampling	Liquid	03/18/08 13:30	Neal Beaty	03/18/08 16:20	Neal Beaty
A8C1524-23	FB Hydra Sleeve Sampling	Liquid	03/18/08 14:00	Neal Beaty	03/18/08 16:20	Neal Beaty



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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
San Bernardino, CA 92408

Analytical Report: Page 3 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-01

Sample Description Matrix Sampled Date/Time Received Date/Time
LEO-11A58 - Hydra Sleeve Sampling Liquid 03/17/08 13:30 03/18/08 16:20

Table with columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include General Inorganics (Perchlorate), Volatile Organic Compounds by EPA 8260B (various chlorinated hydrocarbons), and other compounds like 2-Butanone(MEK) and 2-Chloroethylvinyl Ether.

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Client Name: GeoLogic Associates-SB
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Address: 1831 Commercenter East
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Analytical Report: Page 4 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-01

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
LEO-11A58 - Hydra Sleeve Sampling	Liquid	03/17/08 13:30	03/18/08 16:20

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Volatile Organic Compounds by EPA 8260B								
4-Methyl-2-Pentanone(MIBK)	ND	5.0	0.95	ug/L	EPA 8260B	03/22/08 02:37	EEC	
Acetone	1.3	5.0	1.2	ug/L	EPA 8260B	03/22/08 02:37	EEC	PblkJ, J
Acrolein (EPA 8260B)	ND	10	3.7	ug/L	EPA 8260B	03/22/08 02:37	EEC	
Acrylonitrile (EPA 8260B)	ND	10	3.3	ug/L	EPA 8260B	03/22/08 02:37	EEC	
Benzene	ND	0.50	0.14	ug/L	EPA 8260B	03/22/08 02:37	EEC	
Bromobenzene	ND	0.50	0.22	ug/L	EPA 8260B	03/22/08 02:37	EEC	
Bromochloromethane	ND	0.50	0.33	ug/L	EPA 8260B	03/22/08 02:37	EEC	
Bromodichloromethane	ND	0.50	0.50	ug/L	EPA 8260B	03/22/08 02:37	EEC	
Bromoform	ND	0.50	0.13	ug/L	EPA 8260B	03/22/08 02:37	EEC	
Bromomethane	ND	0.50	0.48	ug/L	EPA 8260B	03/22/08 02:37	EEC	
Carbon Disulfide	ND	0.50	0.36	ug/L	EPA 8260B	03/22/08 02:37	EEC	
Carbon Tetrachloride	ND	0.50	0.15	ug/L	EPA 8260B	03/22/08 02:37	EEC	
Chlorobenzene	ND	0.50	0.23	ug/L	EPA 8260B	03/22/08 02:37	EEC	
Chloroethane	ND	0.50	0.50	ug/L	EPA 8260B	03/22/08 02:37	EEC	
Chloroform	2.4	0.50	0.46	ug/L	EPA 8260B	03/22/08 02:37	EEC	
Chloromethane	ND	0.50	0.36	ug/L	EPA 8260B	03/22/08 02:37	EEC	
cis-1,2-Dichloroethene	ND	0.50	0.18	ug/L	EPA 8260B	03/22/08 02:37	EEC	
cis-1,3-Dichloropropene	ND	0.50	0.30	ug/L	EPA 8260B	03/22/08 02:37	EEC	
Dibromochloromethane	ND	0.50	0.37	ug/L	EPA 8260B	03/22/08 02:37	EEC	
Dibromochloropropane	ND	5.0	0.44	ug/L	EPA 8260B	03/22/08 02:37	EEC	
Dibromomethane	ND	0.50	0.50	ug/L	EPA 8260B	03/22/08 02:37	EEC	
Dichlorodifluoromethane	ND	0.50	0.18	ug/L	EPA 8260B	03/22/08 02:37	EEC	
Di-isopropyl ether	ND	3.0	0.24	ug/L	EPA 8260B	03/22/08 02:37	EEC	
Ethyl tert-Butyl Ether	ND	3.0	0.29	ug/L	EPA 8260B	03/22/08 02:37	EEC	
Ethylbenzene	ND	0.50	0.26	ug/L	EPA 8260B	03/22/08 02:37	EEC	
Ethylene dibromide	ND	5.0	0.14	ug/L	EPA 8260B	03/22/08 02:37	EEC	

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CA ELAP no. 1156
EPA no. CA00102



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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
San Bernardino, CA 92408

Analytical Report: Page 5 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-01

Sample Description: LEO-11A58 - Hydra Sleeve Sampling
Matrix: Liquid
Sampled Date/Time: 03/17/08 13:30
Received Date/Time: 03/18/08 16:20

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like Hexachlorobutadiene, Isopropylbenzene, etc.

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Client Name: GeoLogic Associates-SB
 Contact: Mike Reason
 Address: 1831 Commercenter East
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Analytical Report: Page 6 of 114
 Project Name: Stringfellow Project
 Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-01

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
LEO-11A58 - Hydra Sleeve Sampling	Liquid	03/17/08 13:30	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B <i>Surrogate: Toluene-d8</i>	96.0 %	80-120			EPA 8260B	03/22/08 02:37	EEC	



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Client Name: GeoLogic Associates-SB
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Analytical Report: Page 7 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-02

Sample Description: LEO-11A61 - Hydra Sleeve Sampling
Matrix: Liquid
Sampled Date/Time: 03/17/08 13:45
Received Date/Time: 03/18/08 16:20

Table with columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include General Inorganics (Perchlorate), Volatile Organic Compounds by EPA 8260B (various chlorinated hydrocarbons), and other compounds like 2-Butanone(MEK) and 2-Chloroethylvinyl Ether.

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Client Name: GeoLogic Associates-SB
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Analytical Report: Page 8 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-02

Sample Description: LEO-11A61 - Hydra Sleeve Sampling
Matrix: Liquid
Sampled Date/Time: 03/17/08 13:45
Received Date/Time: 03/18/08 16:20

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like 4-Methyl-2-Pentanone, Acetone, Acrolein, etc.

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Client Name: GeoLogic Associates-SB
 Contact: Mike Reason
 Address: 1831 Commercenter East
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Analytical Report: Page 9 of 114
 Project Name: Stringfellow Project
 Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number
A8C1524-02

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
LEO-11A61 - Hydra Sleeve Sampling	Liquid	03/17/08 13:45	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B								
Hexachlorobutadiene	ND	0.50	0.21	ug/L	EPA 8260B	03/22/08 03:12	EEC	
Isopropylbenzene	ND	0.50	0.36	ug/L	EPA 8260B	03/22/08 03:12	EEC	
Methyl tert butyl Ether	ND	3.0	0.43	ug/L	EPA 8260B	03/22/08 03:12	EEC	
Methylene Chloride	ND	0.50	0.50	ug/L	EPA 8260B	03/22/08 03:12	EEC	
Naphthalene	ND	0.50	0.44	ug/L	EPA 8260B	03/22/08 03:12	EEC	
n-Butylbenzene	ND	0.50	0.15	ug/L	EPA 8260B	03/22/08 03:12	EEC	
n-Propylbenzene	ND	0.50	0.15	ug/L	EPA 8260B	03/22/08 03:12	EEC	
p-Isopropyltoluene	ND	0.50	0.084	ug/L	EPA 8260B	03/22/08 03:12	EEC	
sec-Butylbenzene	ND	0.50	0.12	ug/L	EPA 8260B	03/22/08 03:12	EEC	
Styrene	ND	0.50	0.22	ug/L	EPA 8260B	03/22/08 03:12	EEC	
tert-Amyl Methyl Ether	ND	3.0	0.37	ug/L	EPA 8260B	03/22/08 03:12	EEC	
tert-Butyl alcohol	ND	2.0	1.5	ug/L	EPA 8260B	03/22/08 03:12	EEC	
tert-Butylbenzene	ND	0.50	0.21	ug/L	EPA 8260B	03/22/08 03:12	EEC	
Tetrachloroethene	ND	0.50	0.17	ug/L	EPA 8260B	03/22/08 03:12	EEC	
Toluene	ND	0.50	0.22	ug/L	EPA 8260B	03/22/08 03:12	EEC	
trans-1,2-Dichloroethene	ND	0.50	0.10	ug/L	EPA 8260B	03/22/08 03:12	EEC	
trans-1,3-Dichloropropene	ND	0.50	0.24	ug/L	EPA 8260B	03/22/08 03:12	EEC	
Trichloroethene	38	0.50	0.50	ug/L	EPA 8260B	03/22/08 03:12	EEC	
Trichlorofluoromethane	ND	5.0	0.16	ug/L	EPA 8260B	03/22/08 03:12	EEC	
Trichlorotrifluoroethane	ND	10	0.25	ug/L	EPA 8260B	03/22/08 03:12	EEC	
Vinyl Acetate	ND	10	0.48	ug/L	EPA 8260B	03/22/08 03:12	EEC	
Vinyl Chloride	ND	0.50	0.13	ug/L	EPA 8260B	03/22/08 03:12	EEC	
Xylenes (m+p)	ND	0.50	0.36	ug/L	EPA 8260B	03/22/08 03:12	EEC	
Xylenes (ortho)	ND	0.50	0.41	ug/L	EPA 8260B	03/22/08 03:12	EEC	
Xylenes (Total)	ND	0.50	0.41	ug/L	EPA 8260B	03/22/08 03:12	EEC	
Surrogate: 1,2-Dichloroethane-d4	128 %	80-124			EPA 8260B	03/22/08 03:12	EEC	NShiP
Surrogate: Bromofluorobenzene	97.8 %	71-149			EPA 8260B	03/22/08 03:12	EEC	

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 CA ELAP no. 1156
 EPA no. CA00102



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Client Name: GeoLogic Associates-SB
 Contact: Mike Reason
 Address: 1831 Commercenter East
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Analytical Report: Page 10 of 114
 Project Name: Stringfellow Project
 Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-02

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
LEO-11A61 - Hydra Sleeve Sampling	Liquid	03/17/08 13:45	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B <i>Surrogate: Toluene-d8</i>	96.1 %	80-120			EPA 8260B	03/22/08 03:12	EEC	



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Client Name: GeoLogic Associates-SB
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Analytical Report: Page 11 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-03

Sample Description Matrix Sampled Date/Time Received Date/Time
FC-1020A35 - Hydra Sleeve Sampling Liquid 03/17/08 14:30 03/18/08 16:20

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include General Inorganics (Perchlorate), Volatile Organic Compounds by EPA 8260B (various chlorinated hydrocarbons), and 2-Chloroethylvinyl Ether (NCEVE).

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Client Name: GeoLogic Associates-SB
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Address: 1831 Commercenter East
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Analytical Report: Page 12 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-03

Sample Description Matrix Sampled Date/Time Received Date/Time
FC-1020A35 - Hydra Sleeve Sampling Liquid 03/17/08 14:30 03/18/08 16:20

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like 4-Methyl-2-Pentanone, Acetone, Acrolein, etc.

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Client Name: GeoLogic Associates-SB
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Analytical Report: Page 13 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-03

Sample Description FC-1020A35 - Hydra Sleeve Sampling
Matrix Liquid
Sampled Date/Time 03/17/08 14:30
Received Date/Time 03/18/08 16:20

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like Hexachlorobutadiene, Isopropylbenzene, etc.

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Client Name: GeoLogic Associates-SB
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 Address: 1831 Commercenter East
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Analytical Report: Page 14 of 114
 Project Name: Stringfellow Project
 Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-03

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
FC-1020A35 - Hydra Sleeve Sampling	Liquid	03/17/08 14:30	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B <i>Surrogate: Toluene-d8</i>	94.5 %	80-120			EPA 8260B	03/22/08 03:48	EEC	



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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
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Analytical Report: Page 15 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number
A8C1524-04

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
FC-1020A40 - Hydra Sleeve Sampling	Liquid	03/17/08 14:45	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
General Inorganics								
Perchlorate	17	4.0	2.3	ug/L	EPA 314.0	03/24/08 23:16	AA	
Perchlorate	16	5.0	1.7	ug/L*	IC-MS/MS	03/26/08 21:18	AA	
Volatile Organic Compounds by EPA 8260B								
1,1,1,2-Tetrachloroethane	ND	0.50	0.14	ug/L	EPA 8260B	03/22/08 04:23	EEC	
1,1,1-Trichloroethane	ND	0.50	0.12	ug/L	EPA 8260B	03/22/08 04:23	EEC	
1,1,2,2-Tetrachloroethane	ND	0.50	0.29	ug/L	EPA 8260B	03/22/08 04:23	EEC	
1,1,2-Trichloroethane	ND	0.50	0.31	ug/L	EPA 8260B	03/22/08 04:23	EEC	
1,1-Dichloroethane	ND	0.50	0.098	ug/L	EPA 8260B	03/22/08 04:23	EEC	
1,1-Dichloroethene	ND	0.50	0.12	ug/L	EPA 8260B	03/22/08 04:23	EEC	
1,1-Dichloropropene	ND	0.50	0.14	ug/L	EPA 8260B	03/22/08 04:23	EEC	
1,2,3-Trichlorobenzene	ND	0.50	0.29	ug/L	EPA 8260B	03/22/08 04:23	EEC	
1,2,3-Trichloropropane	ND	0.50	0.29	ug/L	EPA 8260B	03/22/08 04:23	EEC	
1,2,4-Trichlorobenzene	ND	0.50	0.34	ug/L	EPA 8260B	03/22/08 04:23	EEC	
1,2,4-Trimethylbenzene	ND	0.50	0.093	ug/L	EPA 8260B	03/22/08 04:23	EEC	
1,2-Dichlorobenzene	ND	0.50	0.20	ug/L	EPA 8260B	03/22/08 04:23	EEC	
1,2-Dichloroethane	ND	0.50	0.21	ug/L	EPA 8260B	03/22/08 04:23	EEC	
1,2-Dichloropropane	ND	0.50	0.50	ug/L	EPA 8260B	03/22/08 04:23	EEC	
1,3,5-Trimethylbenzene	ND	0.50	0.079	ug/L	EPA 8260B	03/22/08 04:23	EEC	
1,3-Dichlorobenzene	ND	0.50	0.15	ug/L	EPA 8260B	03/22/08 04:23	EEC	
1,3-Dichloropropane	ND	0.50	0.22	ug/L	EPA 8260B	03/22/08 04:23	EEC	
1,4-Dichlorobenzene	ND	0.50	0.072	ug/L	EPA 8260B	03/22/08 04:23	EEC	
2,2-Dichloropropane	ND	0.50	0.49	ug/L	EPA 8260B	03/22/08 04:23	EEC	
2-Butanone(MEK)	ND	5.0	1.2	ug/L	EPA 8260B	03/22/08 04:23	EEC	
2-Chloroethylvinyl Ether	ND	5.0	2.5	ug/L	EPA 8260B	03/22/08 04:23	EEC	NCEVE
2-Chlorotoluene	ND	0.50	0.092	ug/L	EPA 8260B	03/22/08 04:23	EEC	
4-Chlorotoluene	ND	0.50	0.095	ug/L	EPA 8260B	03/22/08 04:23	EEC	

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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
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Analytical Report: Page 16 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-04

Sample Description FC-1020A40 - Hydra Sleeve Sampling
Matrix Liquid
Sampled Date/Time 03/17/08 14:45
Received Date/Time 03/18/08 16:20

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like 4-Methyl-2-Pentanone, Acetone, Acrolein, etc.

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Client Name: GeoLogic Associates-SB
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Analytical Report: Page 17 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-04

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
FC-1020A40 - Hydra Sleeve Sampling	Liquid	03/17/08 14:45	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B								
Hexachlorobutadiene	ND	0.50	0.21	ug/L	EPA 8260B	03/22/08 04:23	EEC	
Isopropylbenzene	ND	0.50	0.36	ug/L	EPA 8260B	03/22/08 04:23	EEC	
Methyl tert butyl Ether	ND	3.0	0.43	ug/L	EPA 8260B	03/22/08 04:23	EEC	
Methylene Chloride	ND	0.50	0.50	ug/L	EPA 8260B	03/22/08 04:23	EEC	
Naphthalene	ND	0.50	0.44	ug/L	EPA 8260B	03/22/08 04:23	EEC	
n-Butylbenzene	ND	0.50	0.15	ug/L	EPA 8260B	03/22/08 04:23	EEC	
n-Propylbenzene	ND	0.50	0.15	ug/L	EPA 8260B	03/22/08 04:23	EEC	
p-Isopropyltoluene	ND	0.50	0.084	ug/L	EPA 8260B	03/22/08 04:23	EEC	
sec-Butylbenzene	ND	0.50	0.12	ug/L	EPA 8260B	03/22/08 04:23	EEC	
Styrene	ND	0.50	0.22	ug/L	EPA 8260B	03/22/08 04:23	EEC	
tert-Amyl Methyl Ether	ND	3.0	0.37	ug/L	EPA 8260B	03/22/08 04:23	EEC	
tert-Butyl alcohol	ND	2.0	1.5	ug/L	EPA 8260B	03/22/08 04:23	EEC	
tert-Butylbenzene	ND	0.50	0.21	ug/L	EPA 8260B	03/22/08 04:23	EEC	
Tetrachloroethene	ND	0.50	0.17	ug/L	EPA 8260B	03/22/08 04:23	EEC	
Toluene	ND	0.50	0.22	ug/L	EPA 8260B	03/22/08 04:23	EEC	
trans-1,2-Dichloroethene	ND	0.50	0.10	ug/L	EPA 8260B	03/22/08 04:23	EEC	
trans-1,3-Dichloropropene	ND	0.50	0.24	ug/L	EPA 8260B	03/22/08 04:23	EEC	
Trichloroethene	0.62	0.50	0.50	ug/L	EPA 8260B	03/22/08 04:23	EEC	
Trichlorofluoromethane	ND	5.0	0.16	ug/L	EPA 8260B	03/22/08 04:23	EEC	
Trichlorotrifluoroethane	ND	10	0.25	ug/L	EPA 8260B	03/22/08 04:23	EEC	
Vinyl Acetate	ND	10	0.48	ug/L	EPA 8260B	03/22/08 04:23	EEC	
Vinyl Chloride	ND	0.50	0.13	ug/L	EPA 8260B	03/22/08 04:23	EEC	
Xylenes (m+p)	ND	0.50	0.36	ug/L	EPA 8260B	03/22/08 04:23	EEC	
Xylenes (ortho)	ND	0.50	0.41	ug/L	EPA 8260B	03/22/08 04:23	EEC	
Xylenes (Total)	ND	0.50	0.41	ug/L	EPA 8260B	03/22/08 04:23	EEC	
Surrogate: 1,2-Dichloroethane-d4	123 %	80-124			EPA 8260B	03/22/08 04:23	EEC	
Surrogate: Bromofluorobenzene	101 %	71-149			EPA 8260B	03/22/08 04:23	EEC	

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CA ELAP no. 1156
EPA no. CA00102



E.S.BABCOCK& Sons, Inc.
 Environmental Laboratories *est. 1906*

Client Name: GeoLogic Associates-SB
 Contact: Mike Reason
 Address: 1831 Commercenter East
 San Bernardino, CA 92408

Analytical Report: Page 18 of 114
 Project Name: Stringfellow Project
 Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-04

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
FC-1020A40 - Hydra Sleeve Sampling	Liquid	03/17/08 14:45	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B								
<i>Surrogate: Toluene-d8</i>	93.7 %	80-120			EPA 8260B	03/22/08 04:23	EEC	



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Client Name: GeoLogic Associates-SB
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Analytical Report: Page 19 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-05

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
FC-1020A45 - Hydra Sleeve Sampling	Liquid	03/17/08 15:00	03/18/08 16:20

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
General Inorganics								
Perchlorate	16	4.0	2.3	ug/L	EPA 314.0	03/24/08 23:31	AA	
Perchlorate	17	5.0	1.7	ug/L*	IC-MS/MS	03/26/08 21:36	AA	
Volatile Organic Compounds by EPA 8260B								
1,1,1,2-Tetrachloroethane	ND	0.50	0.14	ug/L	EPA 8260B	03/22/08 04:58	EEC	
1,1,1-Trichloroethane	ND	0.50	0.12	ug/L	EPA 8260B	03/22/08 04:58	EEC	
1,1,2,2-Tetrachloroethane	ND	0.50	0.29	ug/L	EPA 8260B	03/22/08 04:58	EEC	
1,1,2-Trichloroethane	ND	0.50	0.31	ug/L	EPA 8260B	03/22/08 04:58	EEC	
1,1-Dichloroethane	ND	0.50	0.098	ug/L	EPA 8260B	03/22/08 04:58	EEC	
1,1-Dichloroethene	ND	0.50	0.12	ug/L	EPA 8260B	03/22/08 04:58	EEC	
1,1-Dichloropropene	ND	0.50	0.14	ug/L	EPA 8260B	03/22/08 04:58	EEC	
1,2,3-Trichlorobenzene	ND	0.50	0.29	ug/L	EPA 8260B	03/22/08 04:58	EEC	
1,2,3-Trichloropropane	ND	0.50	0.29	ug/L	EPA 8260B	03/22/08 04:58	EEC	
1,2,4-Trichlorobenzene	ND	0.50	0.34	ug/L	EPA 8260B	03/22/08 04:58	EEC	
1,2,4-Trimethylbenzene	ND	0.50	0.093	ug/L	EPA 8260B	03/22/08 04:58	EEC	
1,2-Dichlorobenzene	ND	0.50	0.20	ug/L	EPA 8260B	03/22/08 04:58	EEC	
1,2-Dichloroethane	ND	0.50	0.21	ug/L	EPA 8260B	03/22/08 04:58	EEC	
1,2-Dichloropropane	ND	0.50	0.50	ug/L	EPA 8260B	03/22/08 04:58	EEC	
1,3,5-Trimethylbenzene	ND	0.50	0.079	ug/L	EPA 8260B	03/22/08 04:58	EEC	
1,3-Dichlorobenzene	ND	0.50	0.15	ug/L	EPA 8260B	03/22/08 04:58	EEC	
1,3-Dichloropropane	ND	0.50	0.22	ug/L	EPA 8260B	03/22/08 04:58	EEC	
1,4-Dichlorobenzene	ND	0.50	0.072	ug/L	EPA 8260B	03/22/08 04:58	EEC	
2,2-Dichloropropane	ND	0.50	0.49	ug/L	EPA 8260B	03/22/08 04:58	EEC	
2-Butanone(MEK)	ND	5.0	1.2	ug/L	EPA 8260B	03/22/08 04:58	EEC	
2-Chloroethylvinyl Ether	ND	5.0	2.5	ug/L	EPA 8260B	03/22/08 04:58	EEC	NCEVE
2-Chlorotoluene	ND	0.50	0.092	ug/L	EPA 8260B	03/22/08 04:58	EEC	
4-Chlorotoluene	ND	0.50	0.095	ug/L	EPA 8260B	03/22/08 04:58	EEC	

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CA ELAP no. 1156
EPA no. CA00102



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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
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Analytical Report: Page 20 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-05

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
FC-1020A45 - Hydra Sleeve Sampling	Liquid	03/17/08 15:00	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B								
4-Methyl-2-Pentanone(MIBK)	ND	5.0	0.95	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Acetone	ND	5.0	1.2	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Acrolein (EPA 8260B)	ND	10	3.7	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Acrylonitrile (EPA 8260B)	ND	10	3.3	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Benzene	ND	0.50	0.14	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Bromobenzene	ND	0.50	0.22	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Bromochloromethane	ND	0.50	0.33	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Bromodichloromethane	ND	0.50	0.50	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Bromoform	ND	0.50	0.13	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Bromomethane	ND	0.50	0.48	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Carbon Disulfide	ND	0.50	0.36	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Carbon Tetrachloride	ND	0.50	0.15	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Chlorobenzene	ND	0.50	0.23	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Chloroethane	ND	0.50	0.50	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Chloroform	ND	0.50	0.46	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Chloromethane	ND	0.50	0.36	ug/L	EPA 8260B	03/22/08 04:58	EEC	
cis-1,2-Dichloroethene	ND	0.50	0.18	ug/L	EPA 8260B	03/22/08 04:58	EEC	
cis-1,3-Dichloropropene	ND	0.50	0.30	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Dibromochloromethane	ND	0.50	0.37	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Dibromochloropropane	ND	5.0	0.44	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Dibromomethane	ND	0.50	0.50	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Dichlorodifluoromethane	ND	0.50	0.18	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Di-isopropyl ether	ND	3.0	0.24	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Ethyl tert-Butyl Ether	ND	3.0	0.29	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Ethylbenzene	ND	0.50	0.26	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Ethylene dibromide	ND	5.0	0.14	ug/L	EPA 8260B	03/22/08 04:58	EEC	

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CA ELAP no. 1156
EPA no. CA00102



E.S.BABCOCK& Sons, Inc.
Environmental Laboratories *est. 1906*

Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
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Analytical Report: Page 21 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-05

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
FC-1020A45 - Hydra Sleeve Sampling	Liquid	03/17/08 15:00	03/18/08 16:20

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Volatile Organic Compounds by EPA 8260B								
Hexachlorobutadiene	ND	0.50	0.21	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Isopropylbenzene	ND	0.50	0.36	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Methyl tert butyl Ether	ND	3.0	0.43	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Methylene Chloride	ND	0.50	0.50	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Naphthalene	ND	0.50	0.44	ug/L	EPA 8260B	03/22/08 04:58	EEC	
n-Butylbenzene	ND	0.50	0.15	ug/L	EPA 8260B	03/22/08 04:58	EEC	
n-Propylbenzene	ND	0.50	0.15	ug/L	EPA 8260B	03/22/08 04:58	EEC	
p-Isopropyltoluene	ND	0.50	0.084	ug/L	EPA 8260B	03/22/08 04:58	EEC	
sec-Butylbenzene	ND	0.50	0.12	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Styrene	ND	0.50	0.22	ug/L	EPA 8260B	03/22/08 04:58	EEC	
tert-Amyl Methyl Ether	ND	3.0	0.37	ug/L	EPA 8260B	03/22/08 04:58	EEC	
tert-Butyl alcohol	ND	2.0	1.5	ug/L	EPA 8260B	03/22/08 04:58	EEC	
tert-Butylbenzene	ND	0.50	0.21	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Tetrachloroethene	ND	0.50	0.17	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Toluene	ND	0.50	0.22	ug/L	EPA 8260B	03/22/08 04:58	EEC	
trans-1,2-Dichloroethene	ND	0.50	0.10	ug/L	EPA 8260B	03/22/08 04:58	EEC	
trans-1,3-Dichloropropene	ND	0.50	0.24	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Trichloroethene	0.57	0.50	0.50	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Trichlorofluoromethane	ND	5.0	0.16	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Trichlorotrifluoroethane	ND	10	0.25	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Vinyl Acetate	ND	10	0.48	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Vinyl Chloride	ND	0.50	0.13	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Xylenes (m+p)	ND	0.50	0.36	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Xylenes (ortho)	ND	0.50	0.41	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Xylenes (Total)	ND	0.50	0.41	ug/L	EPA 8260B	03/22/08 04:58	EEC	
Surrogate: 1,2-Dichloroethane-d4	126 %	80-124			EPA 8260B	03/22/08 04:58	EEC	NShiP
Surrogate: Bromofluorobenzene	95.5 %	71-149			EPA 8260B	03/22/08 04:58	EEC	

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CA ELAP no. 1156
EPA no. CA00102



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Client Name: GeoLogic Associates-SB
 Contact: Mike Reason
 Address: 1831 Commercenter East
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Analytical Report: Page 22 of 114
 Project Name: Stringfellow Project
 Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-05

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
FC-1020A45 - Hydra Sleeve Sampling	Liquid	03/17/08 15:00	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B <i>Surrogate: Toluene-d8</i>	93.0 %	80-120			EPA 8260B	03/22/08 04:58	EEC	



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Client Name: GeoLogic Associates-SB
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Analytical Report: Page 23 of 114
 Project Name: Stringfellow Project
 Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number
A8C1524-06

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
FC-1020A50 - Hydra Sleeve Sampling	Liquid	03/17/08 15:15	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
General Inorganics								
Perchlorate	18	5.0	1.7	ug/L*	IC-MS/MS	03/26/08 21:54	AA	
Perchlorate	18	4.0	2.3	ug/L	EPA 314.0	03/24/08 23:47	AA	
Volatile Organic Compounds by EPA 8260B								
1,1,1,2-Tetrachloroethane	ND	0.50	0.14	ug/L	EPA 8260B	03/22/08 05:34	EEC	
1,1,1-Trichloroethane	ND	0.50	0.12	ug/L	EPA 8260B	03/22/08 05:34	EEC	
1,1,2,2-Tetrachloroethane	ND	0.50	0.29	ug/L	EPA 8260B	03/22/08 05:34	EEC	
1,1,2-Trichloroethane	ND	0.50	0.31	ug/L	EPA 8260B	03/22/08 05:34	EEC	
1,1-Dichloroethane	ND	0.50	0.098	ug/L	EPA 8260B	03/22/08 05:34	EEC	
1,1-Dichloroethene	ND	0.50	0.12	ug/L	EPA 8260B	03/22/08 05:34	EEC	
1,1-Dichloropropene	ND	0.50	0.14	ug/L	EPA 8260B	03/22/08 05:34	EEC	
1,2,3-Trichlorobenzene	ND	0.50	0.29	ug/L	EPA 8260B	03/22/08 05:34	EEC	
1,2,3-Trichloropropane	ND	0.50	0.29	ug/L	EPA 8260B	03/22/08 05:34	EEC	
1,2,4-Trichlorobenzene	ND	0.50	0.34	ug/L	EPA 8260B	03/22/08 05:34	EEC	
1,2,4-Trimethylbenzene	ND	0.50	0.093	ug/L	EPA 8260B	03/22/08 05:34	EEC	
1,2-Dichlorobenzene	ND	0.50	0.20	ug/L	EPA 8260B	03/22/08 05:34	EEC	
1,2-Dichloroethane	ND	0.50	0.21	ug/L	EPA 8260B	03/22/08 05:34	EEC	
1,2-Dichloropropane	ND	0.50	0.50	ug/L	EPA 8260B	03/22/08 05:34	EEC	
1,3,5-Trimethylbenzene	ND	0.50	0.079	ug/L	EPA 8260B	03/22/08 05:34	EEC	
1,3-Dichlorobenzene	ND	0.50	0.15	ug/L	EPA 8260B	03/22/08 05:34	EEC	
1,3-Dichloropropane	ND	0.50	0.22	ug/L	EPA 8260B	03/22/08 05:34	EEC	
1,4-Dichlorobenzene	ND	0.50	0.072	ug/L	EPA 8260B	03/22/08 05:34	EEC	
2,2-Dichloropropane	ND	0.50	0.49	ug/L	EPA 8260B	03/22/08 05:34	EEC	
2-Butanone(MEK)	ND	5.0	1.2	ug/L	EPA 8260B	03/22/08 05:34	EEC	
2-Chloroethylvinyl Ether	ND	5.0	2.5	ug/L	EPA 8260B	03/22/08 05:34	EEC	NCEVE
2-Chlorotoluene	ND	0.50	0.092	ug/L	EPA 8260B	03/22/08 05:34	EEC	
4-Chlorotoluene	ND	0.50	0.095	ug/L	EPA 8260B	03/22/08 05:34	EEC	

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 CA ELAP no. 1156
 EPA no. CA00102



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Environmental Laboratories *est. 1906*

Client Name: GeoLogic Associates-SB
Contact: Mike Reason
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Analytical Report: Page 24 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-06

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
FC-1020A50 - Hydra Sleeve Sampling	Liquid	03/17/08 15:15	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B								
4-Methyl-2-Pentanone(MIBK)	ND	5.0	0.95	ug/L	EPA 8260B	03/22/08 05:34	EEC	
Acetone	1.5	5.0	1.2	ug/L	EPA 8260B	03/22/08 05:34	EEC	PblkJ, J
Acrolein (EPA 8260B)	ND	10	3.7	ug/L	EPA 8260B	03/22/08 05:34	EEC	
Acrylonitrile (EPA 8260B)	ND	10	3.3	ug/L	EPA 8260B	03/22/08 05:34	EEC	
Benzene	ND	0.50	0.14	ug/L	EPA 8260B	03/22/08 05:34	EEC	
Bromobenzene	ND	0.50	0.22	ug/L	EPA 8260B	03/22/08 05:34	EEC	
Bromochloromethane	ND	0.50	0.33	ug/L	EPA 8260B	03/22/08 05:34	EEC	
Bromodichloromethane	ND	0.50	0.50	ug/L	EPA 8260B	03/22/08 05:34	EEC	
Bromoform	ND	0.50	0.13	ug/L	EPA 8260B	03/22/08 05:34	EEC	
Bromomethane	ND	0.50	0.48	ug/L	EPA 8260B	03/22/08 05:34	EEC	
Carbon Disulfide	ND	0.50	0.36	ug/L	EPA 8260B	03/22/08 05:34	EEC	
Carbon Tetrachloride	ND	0.50	0.15	ug/L	EPA 8260B	03/22/08 05:34	EEC	
Chlorobenzene	ND	0.50	0.23	ug/L	EPA 8260B	03/22/08 05:34	EEC	
Chloroethane	ND	0.50	0.50	ug/L	EPA 8260B	03/22/08 05:34	EEC	
Chloroform	ND	0.50	0.46	ug/L	EPA 8260B	03/22/08 05:34	EEC	
Chloromethane	ND	0.50	0.36	ug/L	EPA 8260B	03/22/08 05:34	EEC	
cis-1,2-Dichloroethene	ND	0.50	0.18	ug/L	EPA 8260B	03/22/08 05:34	EEC	
cis-1,3-Dichloropropene	ND	0.50	0.30	ug/L	EPA 8260B	03/22/08 05:34	EEC	
Dibromochloromethane	ND	0.50	0.37	ug/L	EPA 8260B	03/22/08 05:34	EEC	
Dibromochloropropane	ND	5.0	0.44	ug/L	EPA 8260B	03/22/08 05:34	EEC	
Dibromomethane	ND	0.50	0.50	ug/L	EPA 8260B	03/22/08 05:34	EEC	
Dichlorodifluoromethane	ND	0.50	0.18	ug/L	EPA 8260B	03/22/08 05:34	EEC	
Di-isopropyl ether	ND	3.0	0.24	ug/L	EPA 8260B	03/22/08 05:34	EEC	
Ethyl tert-Butyl Ether	ND	3.0	0.29	ug/L	EPA 8260B	03/22/08 05:34	EEC	
Ethylbenzene	ND	0.50	0.26	ug/L	EPA 8260B	03/22/08 05:34	EEC	
Ethylene dibromide	ND	5.0	0.14	ug/L	EPA 8260B	03/22/08 05:34	EEC	

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CA ELAP no. 1156
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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
San Bernardino, CA 92408

Analytical Report: Page 25 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-06

Sample Description: FC-1020A50 - Hydra Sleeve Sampling
Matrix: Liquid
Sampled Date/Time: 03/17/08 15:15
Received Date/Time: 03/18/08 16:20

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like Hexachlorobutadiene, Isopropylbenzene, etc.

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Client Name: GeoLogic Associates-SB
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Analytical Report: Page 26 of 114
 Project Name: Stringfellow Project
 Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524
 Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number
A8C1524-06

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
FC-1020A50 - Hydra Sleeve Sampling	Liquid	03/17/08 15:15	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B <i>Surrogate: Toluene-d8</i>	92.5 %	80-120			EPA 8260B	03/22/08 05:34	EEC	



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Client Name: GeoLogic Associates-SB
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Analytical Report: Page 27 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-07

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
CTS-OW355 - Hydra Sleeve Sampling	Liquid	03/17/08 16:15	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
General Inorganics								
Perchlorate	25	5.0	1.7	ug/L*	IC-MS/MS	03/26/08 22:12	AA	
Perchlorate	26	4.0	2.3	ug/L	EPA 314.0	03/25/08 00:19	AA	
Volatile Organic Compounds by EPA 8260B								
1,1,1,2-Tetrachloroethane	ND	0.50	0.14	ug/L	EPA 8260B	03/22/08 06:09	EEC	
1,1,1-Trichloroethane	ND	0.50	0.12	ug/L	EPA 8260B	03/22/08 06:09	EEC	
1,1,2,2-Tetrachloroethane	ND	0.50	0.29	ug/L	EPA 8260B	03/22/08 06:09	EEC	
1,1,2-Trichloroethane	ND	0.50	0.31	ug/L	EPA 8260B	03/22/08 06:09	EEC	
1,1-Dichloroethane	ND	0.50	0.098	ug/L	EPA 8260B	03/22/08 06:09	EEC	
1,1-Dichloroethene	ND	0.50	0.12	ug/L	EPA 8260B	03/22/08 06:09	EEC	
1,1-Dichloropropene	ND	0.50	0.14	ug/L	EPA 8260B	03/22/08 06:09	EEC	
1,2,3-Trichlorobenzene	ND	0.50	0.29	ug/L	EPA 8260B	03/22/08 06:09	EEC	
1,2,3-Trichloropropane	ND	0.50	0.29	ug/L	EPA 8260B	03/22/08 06:09	EEC	
1,2,4-Trichlorobenzene	ND	0.50	0.34	ug/L	EPA 8260B	03/22/08 06:09	EEC	
1,2,4-Trimethylbenzene	ND	0.50	0.093	ug/L	EPA 8260B	03/22/08 06:09	EEC	
1,2-Dichlorobenzene	ND	0.50	0.20	ug/L	EPA 8260B	03/22/08 06:09	EEC	
1,2-Dichloroethane	ND	0.50	0.21	ug/L	EPA 8260B	03/22/08 06:09	EEC	
1,2-Dichloropropane	ND	0.50	0.50	ug/L	EPA 8260B	03/22/08 06:09	EEC	
1,3,5-Trimethylbenzene	ND	0.50	0.079	ug/L	EPA 8260B	03/22/08 06:09	EEC	
1,3-Dichlorobenzene	ND	0.50	0.15	ug/L	EPA 8260B	03/22/08 06:09	EEC	
1,3-Dichloropropane	ND	0.50	0.22	ug/L	EPA 8260B	03/22/08 06:09	EEC	
1,4-Dichlorobenzene	ND	0.50	0.072	ug/L	EPA 8260B	03/22/08 06:09	EEC	
2,2-Dichloropropane	ND	0.50	0.49	ug/L	EPA 8260B	03/22/08 06:09	EEC	
2-Butanone(MEK)	ND	5.0	1.2	ug/L	EPA 8260B	03/22/08 06:09	EEC	
2-Chloroethylvinyl Ether	ND	5.0	2.5	ug/L	EPA 8260B	03/22/08 06:09	EEC	NCEVE
2-Chlorotoluene	ND	0.50	0.092	ug/L	EPA 8260B	03/22/08 06:09	EEC	
4-Chlorotoluene	ND	0.50	0.095	ug/L	EPA 8260B	03/22/08 06:09	EEC	

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CA ELAP no. 1156
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Client Name: GeoLogic Associates-SB
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Address: 1831 Commercenter East
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Analytical Report: Page 28 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-07

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
CTS-OW355 - Hydra Sleeve Sampling	Liquid	03/17/08 16:15	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B								
4-Methyl-2-Pentanone(MIBK)	ND	5.0	0.95	ug/L	EPA 8260B	03/22/08 06:09	EEC	
Acetone	1.7	5.0	1.2	ug/L	EPA 8260B	03/22/08 06:09	EEC	PblkJ, J
Acrolein (EPA 8260B)	ND	10	3.7	ug/L	EPA 8260B	03/22/08 06:09	EEC	
Acrylonitrile (EPA 8260B)	ND	10	3.3	ug/L	EPA 8260B	03/22/08 06:09	EEC	
Benzene	ND	0.50	0.14	ug/L	EPA 8260B	03/22/08 06:09	EEC	
Bromobenzene	ND	0.50	0.22	ug/L	EPA 8260B	03/22/08 06:09	EEC	
Bromochloromethane	ND	0.50	0.33	ug/L	EPA 8260B	03/22/08 06:09	EEC	
Bromodichloromethane	ND	0.50	0.50	ug/L	EPA 8260B	03/22/08 06:09	EEC	
Bromoform	ND	0.50	0.13	ug/L	EPA 8260B	03/22/08 06:09	EEC	
Bromomethane	ND	0.50	0.48	ug/L	EPA 8260B	03/22/08 06:09	EEC	
Carbon Disulfide	ND	0.50	0.36	ug/L	EPA 8260B	03/22/08 06:09	EEC	
Carbon Tetrachloride	ND	0.50	0.15	ug/L	EPA 8260B	03/22/08 06:09	EEC	
Chlorobenzene	ND	0.50	0.23	ug/L	EPA 8260B	03/22/08 06:09	EEC	
Chloroethane	ND	0.50	0.50	ug/L	EPA 8260B	03/22/08 06:09	EEC	
Chloroform	0.82	0.50	0.46	ug/L	EPA 8260B	03/22/08 06:09	EEC	
Chloromethane	ND	0.50	0.36	ug/L	EPA 8260B	03/22/08 06:09	EEC	
cis-1,2-Dichloroethene	ND	0.50	0.18	ug/L	EPA 8260B	03/22/08 06:09	EEC	
cis-1,3-Dichloropropene	ND	0.50	0.30	ug/L	EPA 8260B	03/22/08 06:09	EEC	
Dibromochloromethane	ND	0.50	0.37	ug/L	EPA 8260B	03/22/08 06:09	EEC	
Dibromochloropropane	ND	5.0	0.44	ug/L	EPA 8260B	03/22/08 06:09	EEC	
Dibromomethane	ND	0.50	0.50	ug/L	EPA 8260B	03/22/08 06:09	EEC	
Dichlorodifluoromethane	ND	0.50	0.18	ug/L	EPA 8260B	03/22/08 06:09	EEC	
Di-isopropyl ether	ND	3.0	0.24	ug/L	EPA 8260B	03/22/08 06:09	EEC	
Ethyl tert-Butyl Ether	ND	3.0	0.29	ug/L	EPA 8260B	03/22/08 06:09	EEC	
Ethylbenzene	ND	0.50	0.26	ug/L	EPA 8260B	03/22/08 06:09	EEC	
Ethylene dibromide	ND	5.0	0.14	ug/L	EPA 8260B	03/22/08 06:09	EEC	

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CA ELAP no. 1156
EPA no. CA00102



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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
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Analytical Report: Page 29 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-07

Sample Description Matrix Sampled Date/Time Received Date/Time
CTS-OW355 - Hydra Sleeve Sampling Liquid 03/17/08 16:15 03/18/08 16:20

Table with columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like Hexachlorobutadiene, Isopropylbenzene, etc.

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Analytical Report: Page 30 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-07

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
CTS-OW355 - Hydra Sleeve Sampling	Liquid	03/17/08 16:15	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B <i>Surrogate: Toluene-d8</i>	93.4 %	80-120			EPA 8260B	03/22/08 06:09	EEC	

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Client Name: GeoLogic Associates-SB
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Analytical Report: Page 31 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-08

Sample Description: CTS-OW358 - Hydra Sleeve Sampling
Matrix: Liquid
Sampled Date/Time: 03/17/08 16:30
Received Date/Time: 03/18/08 16:20

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include General Inorganics (Perchlorate), Volatile Organic Compounds by EPA 8260B (various chlorinated hydrocarbons), and other analytes like 2-Butanone(MEK) and 2-Chloroethylvinyl Ether.

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Analytical Report: Page 32 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-08

Sample Description: CTS-OW358 - Hydra Sleeve Sampling
Matrix: Liquid
Sampled Date/Time: 03/17/08 16:30
Received Date/Time: 03/18/08 16:20

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like 4-Methyl-2-Pentanone, Acetone, Acrolein, etc.

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Analytical Report: Page 33 of 114
 Project Name: Stringfellow Project
 Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-08

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
CTS-OW358 - Hydra Sleeve Sampling	Liquid	03/17/08 16:30	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B								
Hexachlorobutadiene	ND	0.50	0.21	ug/L	EPA 8260B	03/22/08 06:45	EEC	
Isopropylbenzene	ND	0.50	0.36	ug/L	EPA 8260B	03/22/08 06:45	EEC	
Methyl tert butyl Ether	ND	3.0	0.43	ug/L	EPA 8260B	03/22/08 06:45	EEC	
Methylene Chloride	ND	0.50	0.50	ug/L	EPA 8260B	03/22/08 06:45	EEC	
Naphthalene	ND	0.50	0.44	ug/L	EPA 8260B	03/22/08 06:45	EEC	
n-Butylbenzene	ND	0.50	0.15	ug/L	EPA 8260B	03/22/08 06:45	EEC	
n-Propylbenzene	ND	0.50	0.15	ug/L	EPA 8260B	03/22/08 06:45	EEC	
p-Isopropyltoluene	ND	0.50	0.084	ug/L	EPA 8260B	03/22/08 06:45	EEC	
sec-Butylbenzene	ND	0.50	0.12	ug/L	EPA 8260B	03/22/08 06:45	EEC	
Styrene	ND	0.50	0.22	ug/L	EPA 8260B	03/22/08 06:45	EEC	
tert-Amyl Methyl Ether	ND	3.0	0.37	ug/L	EPA 8260B	03/22/08 06:45	EEC	
tert-Butyl alcohol	ND	2.0	1.5	ug/L	EPA 8260B	03/22/08 06:45	EEC	
tert-Butylbenzene	ND	0.50	0.21	ug/L	EPA 8260B	03/22/08 06:45	EEC	
Tetrachloroethene	ND	0.50	0.17	ug/L	EPA 8260B	03/22/08 06:45	EEC	
Toluene	ND	0.50	0.22	ug/L	EPA 8260B	03/22/08 06:45	EEC	
trans-1,2-Dichloroethene	ND	0.50	0.10	ug/L	EPA 8260B	03/22/08 06:45	EEC	
trans-1,3-Dichloropropene	ND	0.50	0.24	ug/L	EPA 8260B	03/22/08 06:45	EEC	
Trichloroethene	7.0	0.50	0.50	ug/L	EPA 8260B	03/22/08 06:45	EEC	
Trichlorofluoromethane	ND	5.0	0.16	ug/L	EPA 8260B	03/22/08 06:45	EEC	
Trichlorotrifluoroethane	ND	10	0.25	ug/L	EPA 8260B	03/22/08 06:45	EEC	
Vinyl Acetate	ND	10	0.48	ug/L	EPA 8260B	03/22/08 06:45	EEC	
Vinyl Chloride	ND	0.50	0.13	ug/L	EPA 8260B	03/22/08 06:45	EEC	
Xylenes (m+p)	ND	0.50	0.36	ug/L	EPA 8260B	03/22/08 06:45	EEC	
Xylenes (ortho)	ND	0.50	0.41	ug/L	EPA 8260B	03/22/08 06:45	EEC	
Xylenes (Total)	ND	0.50	0.41	ug/L	EPA 8260B	03/22/08 06:45	EEC	
Surrogate: 1,2-Dichloroethane-d4	117 %	80-124			EPA 8260B	03/22/08 06:45	EEC	
Surrogate: Bromofluorobenzene	92.6 %	71-149			EPA 8260B	03/22/08 06:45	EEC	

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 EPA no. CA00102



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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
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Analytical Report: Page 34 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-08

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
CTS-OW358 - Hydra Sleeve Sampling	Liquid	03/17/08 16:30	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B								
<i>Surrogate: Toluene-d8</i>	92.4 %	80-120			EPA 8260B	03/22/08 06:45	EEC	



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Analytical Report: Page 35 of 114
 Project Name: Stringfellow Project
 Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-09

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
CTS-OW375 - Hydra Sleeve Sampling	Liquid	03/17/08 16:45	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
General Inorganics								
Perchlorate	20	10	3.4	ug/L*	IC-MS/MS	03/26/08 23:25	AA	
Perchlorate	25	4.0	2.3	ug/L	EPA 314.0	03/25/08 00:50	AA	
Volatile Organic Compounds by EPA 8260B								
1,1,1,2-Tetrachloroethane	ND	0.50	0.14	ug/L	EPA 8260B	03/24/08 14:26	EEC	
1,1,1-Trichloroethane	ND	0.50	0.12	ug/L	EPA 8260B	03/24/08 14:26	EEC	
1,1,2,2-Tetrachloroethane	ND	0.50	0.29	ug/L	EPA 8260B	03/24/08 14:26	EEC	
1,1,2-Trichloroethane	ND	0.50	0.31	ug/L	EPA 8260B	03/24/08 14:26	EEC	
1,1-Dichloroethane	ND	0.50	0.098	ug/L	EPA 8260B	03/24/08 14:26	EEC	
1,1-Dichloroethene	ND	0.50	0.12	ug/L	EPA 8260B	03/24/08 14:26	EEC	
1,1-Dichloropropene	ND	0.50	0.14	ug/L	EPA 8260B	03/24/08 14:26	EEC	
1,2,3-Trichlorobenzene	ND	0.50	0.29	ug/L	EPA 8260B	03/24/08 14:26	EEC	
1,2,3-Trichloropropane	ND	0.50	0.29	ug/L	EPA 8260B	03/24/08 14:26	EEC	
1,2,4-Trichlorobenzene	ND	0.50	0.34	ug/L	EPA 8260B	03/24/08 14:26	EEC	
1,2,4-Trimethylbenzene	ND	0.50	0.093	ug/L	EPA 8260B	03/24/08 14:26	EEC	
1,2-Dichlorobenzene	ND	0.50	0.20	ug/L	EPA 8260B	03/24/08 14:26	EEC	
1,2-Dichloroethane	ND	0.50	0.21	ug/L	EPA 8260B	03/24/08 14:26	EEC	
1,2-Dichloropropane	ND	0.50	0.50	ug/L	EPA 8260B	03/24/08 14:26	EEC	
1,3,5-Trimethylbenzene	ND	0.50	0.079	ug/L	EPA 8260B	03/24/08 14:26	EEC	
1,3-Dichlorobenzene	ND	0.50	0.15	ug/L	EPA 8260B	03/24/08 14:26	EEC	
1,3-Dichloropropane	ND	0.50	0.22	ug/L	EPA 8260B	03/24/08 14:26	EEC	
1,4-Dichlorobenzene	ND	0.50	0.072	ug/L	EPA 8260B	03/24/08 14:26	EEC	
2,2-Dichloropropane	ND	0.50	0.49	ug/L	EPA 8260B	03/24/08 14:26	EEC	
2-Butanone(MEK)	ND	5.0	1.2	ug/L	EPA 8260B	03/24/08 14:26	EEC	
2-Chloroethylvinyl Ether	ND	5.0	2.5	ug/L	EPA 8260B	03/24/08 14:26	EEC	NCEVE
2-Chlorotoluene	ND	0.50	0.092	ug/L	EPA 8260B	03/24/08 14:26	EEC	
4-Chlorotoluene	ND	0.50	0.095	ug/L	EPA 8260B	03/24/08 14:26	EEC	

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 EPA no. CA00102



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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
San Bernardino, CA 92408

Analytical Report: Page 36 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-09

Sample Description Matrix Sampled Date/Time Received Date/Time
CTS-OW375 - Hydra Sleeve Sampling Liquid 03/17/08 16:45 03/18/08 16:20

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like 4-Methyl-2-Pentanone, Acetone, Acrolein, etc.

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Client Name: GeoLogic Associates-SB
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Analytical Report: Page 37 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-09

Sample Description Matrix Sampled Date/Time Received Date/Time
CTS-OW375 - Hydra Sleeve Sampling Liquid 03/17/08 16:45 03/18/08 16:20

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like Hexachlorobutadiene, Isopropylbenzene, etc.

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Client Name: GeoLogic Associates-SB
 Contact: Mike Reason
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Analytical Report: Page 38 of 114
 Project Name: Stringfellow Project
 Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-09

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
CTS-OW375 - Hydra Sleeve Sampling	Liquid	03/17/08 16:45	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B <i>Surrogate: Toluene-d8</i>	96.6 %	80-120			EPA 8260B	03/24/08 14:26	EEC	



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Client Name: GeoLogic Associates-SB
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Analytical Report: Page 39 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-10

Sample Description: CTS-OW378 - Hydra Sleeve Sampling
Matrix: Liquid
Sampled Date/Time: 03/17/08 17:00
Received Date/Time: 03/18/08 16:20

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include General Inorganics (Perchlorate), Volatile Organic Compounds by EPA 8260B (1,1,1,2-Tetrachloroethane, etc.), and 2-Chloroethylvinyl Ether (NCEVE).

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Client Name: GeoLogic Associates-SB
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Analytical Report: Page 40 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-10

Sample Description Matrix Sampled Date/Time Received Date/Time
CTS-OW378 - Hydra Sleeve Sampling Liquid 03/17/08 17:00 03/18/08 16:20

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like 4-Methyl-2-Pentanone, Acetone, Acrolein, etc.

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Analytical Report: Page 41 of 114
 Project Name: Stringfellow Project
 Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-10

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
CTS-OW378 - Hydra Sleeve Sampling	Liquid	03/17/08 17:00	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B								
Hexachlorobutadiene	ND	0.50	0.21	ug/L	EPA 8260B	03/24/08 15:02	EEC	
Isopropylbenzene	ND	0.50	0.36	ug/L	EPA 8260B	03/24/08 15:02	EEC	
Methyl tert butyl Ether	ND	3.0	0.43	ug/L	EPA 8260B	03/24/08 15:02	EEC	
Methylene Chloride	ND	0.50	0.50	ug/L	EPA 8260B	03/24/08 15:02	EEC	
Naphthalene	ND	0.50	0.44	ug/L	EPA 8260B	03/24/08 15:02	EEC	
n-Butylbenzene	ND	0.50	0.15	ug/L	EPA 8260B	03/24/08 15:02	EEC	
n-Propylbenzene	ND	0.50	0.15	ug/L	EPA 8260B	03/24/08 15:02	EEC	
p-Isopropyltoluene	ND	0.50	0.084	ug/L	EPA 8260B	03/24/08 15:02	EEC	
sec-Butylbenzene	ND	0.50	0.12	ug/L	EPA 8260B	03/24/08 15:02	EEC	
Styrene	ND	0.50	0.22	ug/L	EPA 8260B	03/24/08 15:02	EEC	
tert-Amyl Methyl Ether	ND	3.0	0.37	ug/L	EPA 8260B	03/24/08 15:02	EEC	
tert-Butyl alcohol	ND	2.0	1.5	ug/L	EPA 8260B	03/24/08 15:02	EEC	
tert-Butylbenzene	ND	0.50	0.21	ug/L	EPA 8260B	03/24/08 15:02	EEC	
Tetrachloroethene	ND	0.50	0.17	ug/L	EPA 8260B	03/24/08 15:02	EEC	
Toluene	ND	0.50	0.22	ug/L	EPA 8260B	03/24/08 15:02	EEC	
trans-1,2-Dichloroethene	ND	0.50	0.10	ug/L	EPA 8260B	03/24/08 15:02	EEC	
trans-1,3-Dichloropropene	ND	0.50	0.24	ug/L	EPA 8260B	03/24/08 15:02	EEC	
Trichloroethene	16	0.50	0.50	ug/L	EPA 8260B	03/24/08 15:02	EEC	
Trichlorofluoromethane	ND	5.0	0.16	ug/L	EPA 8260B	03/24/08 15:02	EEC	
Trichlorotrifluoroethane	ND	10	0.25	ug/L	EPA 8260B	03/24/08 15:02	EEC	
Vinyl Acetate	ND	10	0.48	ug/L	EPA 8260B	03/24/08 15:02	EEC	
Vinyl Chloride	ND	0.50	0.13	ug/L	EPA 8260B	03/24/08 15:02	EEC	
Xylenes (m+p)	ND	0.50	0.36	ug/L	EPA 8260B	03/24/08 15:02	EEC	
Xylenes (ortho)	ND	0.50	0.41	ug/L	EPA 8260B	03/24/08 15:02	EEC	
Xylenes (Total)	ND	0.50	0.41	ug/L	EPA 8260B	03/24/08 15:02	EEC	
Surrogate: 1,2-Dichloroethane-d4	119 %	80-124			EPA 8260B	03/24/08 15:02	EEC	
Surrogate: Bromofluorobenzene	102 %	71-149			EPA 8260B	03/24/08 15:02	EEC	

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 CA ELAP no. 1156
 EPA no. CA00102



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Client Name: GeoLogic Associates-SB
 Contact: Mike Reason
 Address: 1831 Commercenter East
 San Bernardino, CA 92408

Analytical Report: Page 42 of 114
 Project Name: Stringfellow Project
 Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-10

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
CTS-OW378 - Hydra Sleeve Sampling	Liquid	03/17/08 17:00	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B <i>Surrogate: Toluene-d8</i>	95.2 %	80-120			EPA 8260B	03/24/08 15:02	EEC	



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Analytical Report: Page 43 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-11

Sample Description Matrix Sampled Date/Time Received Date/Time
MW-9B57 - Hydra Sleeve Sampling Liquid 03/17/08 17:30 03/18/08 16:20

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include General Inorganics (Perchlorate), Volatile Organic Compounds by EPA 8260B (various chlorinated hydrocarbons), and 2-Chloroethylvinyl Ether.

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Analytical Report: Page 44 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-11

Sample Description Matrix Sampled Date/Time Received Date/Time
MW-9B57 - Hydra Sleeve Sampling Liquid 03/17/08 17:30 03/18/08 16:20

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like 4-Methyl-2-Pentanone, Acetone, Acrolein, etc.

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Analytical Report: Page 45 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-11

Sample Description Matrix Sampled Date/Time Received Date/Time
MW-9B57 - Hydra Sleeve Sampling Liquid 03/17/08 17:30 03/18/08 16:20

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like Hexachlorobutadiene, Isopropylbenzene, etc.

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Analytical Report: Page 46 of 114
 Project Name: Stringfellow Project
 Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-11

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
MW-9B57 - Hydra Sleeve Sampling	Liquid	03/17/08 17:30	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B <i>Surrogate: Toluene-d8</i>	96.1 %	80-120			EPA 8260B	03/24/08 15:37	EEC	



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Analytical Report: Page 47 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-12

Sample Description Matrix Sampled Date/Time Received Date/Time
MW-9B57 - Hydra Sleeve Sampling Liquid 03/17/08 17:35 03/18/08 16:20

Table with columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include General Inorganics (Perchlorate), Volatile Organic Compounds by EPA 8260B (various chlorinated hydrocarbons), and other compounds like 2-Butanone and 2-Chloroethylvinyl Ether.

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Analytical Report: Page 48 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-12

Sample Description Matrix Sampled Date/Time Received Date/Time
MW-9B57 - Hydra Sleeve Sampling Liquid 03/17/08 17:35 03/18/08 16:20

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like 4-Methyl-2-Pentanone, Acetone, Acrolein, etc.

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Analytical Report: Page 49 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-12

Sample Description Matrix Sampled Date/Time Received Date/Time
MW-9B57 - Hydra Sleeve Sampling Liquid 03/17/08 17:35 03/18/08 16:20

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like Hexachlorobutadiene, Isopropylbenzene, etc.

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Analytical Report: Page 50 of 114
 Project Name: Stringfellow Project
 Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-12

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
MW-9B57 - Hydra Sleeve Sampling	Liquid	03/17/08 17:35	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B <i>Surrogate: Toluene-d8</i>	93.9 %	80-120			EPA 8260B	03/24/08 16:13	EEC	

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Analytical Report: Page 51 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-13

Sample Description: MW-9B65 - Hydra Sleeve Sampling
Matrix: Liquid
Sampled Date/Time: 03/17/08 18:45
Received Date/Time: 03/18/08 16:20

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include General Inorganics (Perchlorate), Volatile Organic Compounds by EPA 8260B (various chlorinated hydrocarbons), and other analytes like 2-Butanone(MEK) and 2-Chloroethylvinyl Ether.

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Analytical Report: Page 52 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-13

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
MW-9B65 - Hydra Sleeve Sampling	Liquid	03/17/08 18:45	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B								
4-Methyl-2-Pentanone(MIBK)	ND	50	9.5	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Acetone	33	50	12	ug/L	EPA 8260B	03/24/08 16:48	EEC	PblkJ, J
Acrolein (EPA 8260B)	ND	100	37	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Acrylonitrile (EPA 8260B)	ND	100	33	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Benzene	ND	5.0	1.4	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Bromobenzene	ND	5.0	2.2	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Bromochloromethane	ND	5.0	3.3	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Bromodichloromethane	ND	5.0	5.0	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Bromoform	ND	5.0	1.3	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Bromomethane	ND	5.0	4.8	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Carbon Disulfide	ND	5.0	3.6	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Carbon Tetrachloride	ND	5.0	1.5	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Chlorobenzene	ND	5.0	2.3	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Chloroethane	ND	5.0	5.0	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Chloroform	5.0	5.0	4.6	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Chloromethane	ND	5.0	3.6	ug/L	EPA 8260B	03/24/08 16:48	EEC	
cis-1,2-Dichloroethene	ND	5.0	1.8	ug/L	EPA 8260B	03/24/08 16:48	EEC	
cis-1,3-Dichloropropene	ND	5.0	3.0	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Dibromochloromethane	ND	5.0	3.7	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Dibromochloropropane	ND	50	4.4	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Dibromomethane	ND	5.0	5.0	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Dichlorodifluoromethane	ND	5.0	1.8	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Di-isopropyl ether	ND	30	2.4	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Ethyl tert-Butyl Ether	ND	30	2.9	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Ethylbenzene	ND	5.0	2.6	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Ethylene dibromide	ND	50	1.4	ug/L	EPA 8260B	03/24/08 16:48	EEC	

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CA ELAP no. 1156
EPA no. CA00102



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Client Name: GeoLogic Associates-SB
 Contact: Mike Reason
 Address: 1831 Commercenter East
 San Bernardino, CA 92408

Analytical Report: Page 53 of 114
 Project Name: Stringfellow Project
 Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number
A8C1524-13

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
MW-9B65 - Hydra Sleeve Sampling	Liquid	03/17/08 18:45	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B								
Hexachlorobutadiene	ND	5.0	2.1	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Isopropylbenzene	ND	5.0	3.6	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Methyl tert butyl Ether	ND	30	4.3	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Methylene Chloride	ND	5.0	5.0	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Naphthalene	ND	5.0	4.4	ug/L	EPA 8260B	03/24/08 16:48	EEC	
n-Butylbenzene	ND	5.0	1.5	ug/L	EPA 8260B	03/24/08 16:48	EEC	
n-Propylbenzene	ND	5.0	1.5	ug/L	EPA 8260B	03/24/08 16:48	EEC	
p-Isopropyltoluene	ND	5.0	0.84	ug/L	EPA 8260B	03/24/08 16:48	EEC	
sec-Butylbenzene	ND	5.0	1.2	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Styrene	ND	5.0	2.2	ug/L	EPA 8260B	03/24/08 16:48	EEC	
tert-Amyl Methyl Ether	ND	30	3.7	ug/L	EPA 8260B	03/24/08 16:48	EEC	
tert-Butyl alcohol	ND	20	15	ug/L	EPA 8260B	03/24/08 16:48	EEC	
tert-Butylbenzene	ND	5.0	2.1	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Tetrachloroethene	ND	5.0	1.7	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Toluene	ND	5.0	2.2	ug/L	EPA 8260B	03/24/08 16:48	EEC	
trans-1,2-Dichloroethene	ND	5.0	1.0	ug/L	EPA 8260B	03/24/08 16:48	EEC	
trans-1,3-Dichloropropene	ND	5.0	2.4	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Trichloroethene	130	5.0	5.0	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Trichlorofluoromethane	ND	50	1.6	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Trichlorotrifluoroethane	ND	100	2.5	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Vinyl Acetate	ND	100	4.8	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Vinyl Chloride	ND	5.0	1.3	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Xylenes (m+p)	ND	5.0	3.6	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Xylenes (ortho)	ND	5.0	4.1	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Xylenes (Total)	ND	5.0	4.1	ug/L	EPA 8260B	03/24/08 16:48	EEC	
Surrogate: 1,2-Dichloroethane-d4	118 %	80-124			EPA 8260B	03/24/08 16:48	EEC	
Surrogate: Bromofluorobenzene	103 %	71-149			EPA 8260B	03/24/08 16:48	EEC	

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 CA ELAP no. 1156
 EPA no. CA00102



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Client Name: GeoLogic Associates-SB
 Contact: Mike Reason
 Address: 1831 Commercenter East
 San Bernardino, CA 92408

Analytical Report: Page 54 of 114
 Project Name: Stringfellow Project
 Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-13

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
MW-9B65 - Hydra Sleeve Sampling	Liquid	03/17/08 18:45	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B <i>Surrogate: Toluene-d8</i>	92.2 %	80-120			EPA 8260B	03/24/08 16:48	EEC	

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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
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Analytical Report: Page 55 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-14

Sample Description Matrix Sampled Date/Time Received Date/Time
MW-9B73 - Hydra Sleeve Sampling Liquid 03/17/08 18:00 03/18/08 16:20

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include General Inorganics (Perchlorate), Volatile Organic Compounds by EPA 8260B (various chlorinated hydrocarbons), and other compounds like 2-Butanone(MEK) and 2-Chloroethylvinyl Ether.

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Client Name: Geologic Associates-SB
Contact: Mike Reason
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Analytical Report: Page 56 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-14

Sample Description Matrix Sampled Date/Time Received Date/Time
MW-9B73 - Hydra Sleeve Sampling Liquid 03/17/08 18:00 03/18/08 16:20

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like 4-Methyl-2-Pentanone, Acetone, Acrolein, etc.

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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
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Analytical Report: Page 57 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-14

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
MW-9B73 - Hydra Sleeve Sampling	Liquid	03/17/08 18:00	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B								
Hexachlorobutadiene	ND	5.0	2.1	ug/L	EPA 8260B	03/24/08 17:23	EEC	
Isopropylbenzene	ND	5.0	3.6	ug/L	EPA 8260B	03/24/08 17:23	EEC	
Methyl tert butyl Ether	ND	30	4.3	ug/L	EPA 8260B	03/24/08 17:23	EEC	
Methylene Chloride	ND	5.0	5.0	ug/L	EPA 8260B	03/24/08 17:23	EEC	
Naphthalene	ND	5.0	4.4	ug/L	EPA 8260B	03/24/08 17:23	EEC	
n-Butylbenzene	ND	5.0	1.5	ug/L	EPA 8260B	03/24/08 17:23	EEC	
n-Propylbenzene	ND	5.0	1.5	ug/L	EPA 8260B	03/24/08 17:23	EEC	
p-Isopropyltoluene	ND	5.0	0.84	ug/L	EPA 8260B	03/24/08 17:23	EEC	
sec-Butylbenzene	ND	5.0	1.2	ug/L	EPA 8260B	03/24/08 17:23	EEC	
Styrene	ND	5.0	2.2	ug/L	EPA 8260B	03/24/08 17:23	EEC	
tert-Amyl Methyl Ether	ND	30	3.7	ug/L	EPA 8260B	03/24/08 17:23	EEC	
tert-Butyl alcohol	ND	20	15	ug/L	EPA 8260B	03/24/08 17:23	EEC	
tert-Butylbenzene	ND	5.0	2.1	ug/L	EPA 8260B	03/24/08 17:23	EEC	
Tetrachloroethene	ND	5.0	1.7	ug/L	EPA 8260B	03/24/08 17:23	EEC	
Toluene	ND	5.0	2.2	ug/L	EPA 8260B	03/24/08 17:23	EEC	
trans-1,2-Dichloroethene	ND	5.0	1.0	ug/L	EPA 8260B	03/24/08 17:23	EEC	
trans-1,3-Dichloropropene	ND	5.0	2.4	ug/L	EPA 8260B	03/24/08 17:23	EEC	
Trichloroethene	140	5.0	5.0	ug/L	EPA 8260B	03/24/08 17:23	EEC	
Trichlorofluoromethane	ND	50	1.6	ug/L	EPA 8260B	03/24/08 17:23	EEC	
Trichlorotrifluoroethane	ND	100	2.5	ug/L	EPA 8260B	03/24/08 17:23	EEC	
Vinyl Acetate	ND	100	4.8	ug/L	EPA 8260B	03/24/08 17:23	EEC	
Vinyl Chloride	ND	5.0	1.3	ug/L	EPA 8260B	03/24/08 17:23	EEC	
Xylenes (m+p)	ND	5.0	3.6	ug/L	EPA 8260B	03/24/08 17:23	EEC	
Xylenes (ortho)	ND	5.0	4.1	ug/L	EPA 8260B	03/24/08 17:23	EEC	
Xylenes (Total)	ND	5.0	4.1	ug/L	EPA 8260B	03/24/08 17:23	EEC	
Surrogate: 1,2-Dichloroethane-d4	118 %	80-124			EPA 8260B	03/24/08 17:23	EEC	
Surrogate: Bromofluorobenzene	102 %	71-149			EPA 8260B	03/24/08 17:23	EEC	

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CA ELAP no. 1156
EPA no. CA00102



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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
San Bernardino, CA 92408

Analytical Report: Page 58 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-14

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
MW-9B73 - Hydra Sleeve Sampling	Liquid	03/17/08 18:00	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B								
<i>Surrogate: Toluene-d8</i>	94.7 %	80-120			EPA 8260B	03/24/08 17:23	EEC	

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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
San Bernardino, CA 92408

Analytical Report: Page 59 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-15

Sample Description: MW-9B81 - Hydra Sleeve Sampling
Matrix: Liquid
Sampled Date/Time: 03/17/08 18:15
Received Date/Time: 03/18/08 16:20

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include General Inorganics (Perchlorate), Volatile Organic Compounds by EPA 8260B (various chlorinated hydrocarbons), and other analytes like 2-Butanone(MEK) and 2-Chloroethylvinyl Ether.

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Client Name: Geologic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
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Analytical Report: Page 60 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-15

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
MW-9B81 - Hydra Sleeve Sampling	Liquid	03/17/08 18:15	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B								
4-Methyl-2-Pentanone(MIBK)	ND	50	9.5	ug/L	EPA 8260B	03/24/08 17:59	EEC	
Acetone	30	50	12	ug/L	EPA 8260B	03/24/08 17:59	EEC	PblkJ, J
Acrolein (EPA 8260B)	ND	100	37	ug/L	EPA 8260B	03/24/08 17:59	EEC	
Acrylonitrile (EPA 8260B)	ND	100	33	ug/L	EPA 8260B	03/24/08 17:59	EEC	
Benzene	ND	5.0	1.4	ug/L	EPA 8260B	03/24/08 17:59	EEC	
Bromobenzene	ND	5.0	2.2	ug/L	EPA 8260B	03/24/08 17:59	EEC	
Bromochloromethane	ND	5.0	3.3	ug/L	EPA 8260B	03/24/08 17:59	EEC	
Bromodichloromethane	ND	5.0	5.0	ug/L	EPA 8260B	03/24/08 17:59	EEC	
Bromoform	ND	5.0	1.3	ug/L	EPA 8260B	03/24/08 17:59	EEC	
Bromomethane	ND	5.0	4.8	ug/L	EPA 8260B	03/24/08 17:59	EEC	
Carbon Disulfide	ND	5.0	3.6	ug/L	EPA 8260B	03/24/08 17:59	EEC	
Carbon Tetrachloride	ND	5.0	1.5	ug/L	EPA 8260B	03/24/08 17:59	EEC	
Chlorobenzene	ND	5.0	2.3	ug/L	EPA 8260B	03/24/08 17:59	EEC	
Chloroethane	ND	5.0	5.0	ug/L	EPA 8260B	03/24/08 17:59	EEC	
Chloroform	6.0	5.0	4.6	ug/L	EPA 8260B	03/24/08 17:59	EEC	
Chloromethane	ND	5.0	3.6	ug/L	EPA 8260B	03/24/08 17:59	EEC	
cis-1,2-Dichloroethene	ND	5.0	1.8	ug/L	EPA 8260B	03/24/08 17:59	EEC	
cis-1,3-Dichloropropene	ND	5.0	3.0	ug/L	EPA 8260B	03/24/08 17:59	EEC	
Dibromochloromethane	ND	5.0	3.7	ug/L	EPA 8260B	03/24/08 17:59	EEC	
Dibromochloropropane	ND	50	4.4	ug/L	EPA 8260B	03/24/08 17:59	EEC	
Dibromomethane	ND	5.0	5.0	ug/L	EPA 8260B	03/24/08 17:59	EEC	
Dichlorodifluoromethane	ND	5.0	1.8	ug/L	EPA 8260B	03/24/08 17:59	EEC	
Di-isopropyl ether	ND	30	2.4	ug/L	EPA 8260B	03/24/08 17:59	EEC	
Ethyl tert-Butyl Ether	ND	30	2.9	ug/L	EPA 8260B	03/24/08 17:59	EEC	
Ethylbenzene	ND	5.0	2.6	ug/L	EPA 8260B	03/24/08 17:59	EEC	
Ethylene dibromide	ND	50	1.4	ug/L	EPA 8260B	03/24/08 17:59	EEC	

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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
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Analytical Report: Page 61 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-15

Sample Description: MW-9B81 - Hydra Sleeve Sampling
Matrix: Liquid
Sampled Date/Time: 03/17/08 18:15
Received Date/Time: 03/18/08 16:20

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical analytes like Hexachlorobutadiene, Isopropylbenzene, etc.

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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
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Analytical Report: Page 62 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-15

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
MW-9B81 - Hydra Sleeve Sampling	Liquid	03/17/08 18:15	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
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Volatile Organic Compounds by EPA 8260B <i>Surrogate: Toluene-d8</i>	94.6 %	80-120			EPA 8260B	03/24/08 17:59	EEC	
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Client Name: Geologic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
San Bernardino, CA 92408

Analytical Report: Page 63 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-16

Sample Description: OC-11B39 - Hydra Sleeve Sampling
Matrix: Liquid
Sampled Date/Time: 03/17/08 18:50
Received Date/Time: 03/18/08 16:20

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, etc.

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CA ELAP no. 1156
EPA no. CA00102



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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
San Bernardino, CA 92408

Analytical Report: Page 64 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-16

Sample Description Matrix Sampled Date/Time Received Date/Time
OC-11B39 - Hydra Sleeve Sampling Liquid 03/17/08 18:50 03/18/08 16:20

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like Acrylonitrile, Benzene, etc.

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Client Name: GeoLogic Associates-SB
 Contact: Mike Reason
 Address: 1831 Commercenter East
 San Bernardino, CA 92408

Analytical Report: Page 65 of 114
 Project Name: Stringfellow Project
 Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-16

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
OC-11B39 - Hydra Sleeve Sampling	Liquid	03/17/08 18:50	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B								
Methylene Chloride	400	50	50	ug/L	EPA 8260B	03/30/08 10:51	jes	
Naphthalene	ND	50	44	ug/L	EPA 8260B	03/30/08 10:51	jes	
n-Butylbenzene	ND	50	15	ug/L	EPA 8260B	03/30/08 10:51	jes	
n-Propylbenzene	ND	50	15	ug/L	EPA 8260B	03/30/08 10:51	jes	
p-Isopropyltoluene	ND	50	8.4	ug/L	EPA 8260B	03/30/08 10:51	jes	
sec-Butylbenzene	ND	50	12	ug/L	EPA 8260B	03/30/08 10:51	jes	
Styrene	ND	50	22	ug/L	EPA 8260B	03/30/08 10:51	jes	
tert-Amyl Methyl Ether	ND	300	37	ug/L	EPA 8260B	03/30/08 10:51	jes	
tert-Butyl alcohol	ND	200	150	ug/L	EPA 8260B	03/30/08 10:51	jes	
tert-Butylbenzene	ND	50	21	ug/L	EPA 8260B	03/30/08 10:51	jes	
Tetrachloroethene	110	50	17	ug/L	EPA 8260B	03/30/08 10:51	jes	
Toluene	ND	50	22	ug/L	EPA 8260B	03/30/08 10:51	jes	
trans-1,2-Dichloroethene	ND	50	10	ug/L	EPA 8260B	03/30/08 10:51	jes	
trans-1,3-Dichloropropene	ND	50	24	ug/L	EPA 8260B	03/30/08 10:51	jes	
Trichloroethene	2400	50	50	ug/L	EPA 8260B	03/30/08 10:51	jes	
Trichlorofluoromethane	ND	500	16	ug/L	EPA 8260B	03/30/08 10:51	jes	
Trichlorotrifluoroethane	ND	1000	25	ug/L	EPA 8260B	03/30/08 10:51	jes	
Vinyl Acetate	ND	1000	48	ug/L	EPA 8260B	03/30/08 10:51	jes	
Vinyl Chloride	ND	50	13	ug/L	EPA 8260B	03/30/08 10:51	jes	
Xylenes (m+p)	ND	50	36	ug/L	EPA 8260B	03/30/08 10:51	jes	
Xylenes (ortho)	ND	50	41	ug/L	EPA 8260B	03/30/08 10:51	jes	
Xylenes (Total)	ND	50	41	ug/L	EPA 8260B	03/30/08 10:51	jes	
Surrogate: 1,2-Dichloroethane-d4	106 %	80-124			EPA 8260B	03/30/08 10:51	jes	
Surrogate: Bromofluorobenzene	102 %	71-149			EPA 8260B	03/30/08 10:51	jes	
Surrogate: Toluene-d8	89.8 %	80-120			EPA 8260B	03/30/08 10:51	jes	

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 CA ELAP no. 1156
 EPA no. CA00102



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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
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Analytical Report: Page 66 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-17

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
OC-11B42 - Hydra Sleeve Sampling	Liquid	03/17/08 19:15	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
General Inorganics								
Perchlorate	150	20	6.8	ug/L*	IC-MS/MS	03/27/08 01:31	AA	
Perchlorate	ND	400	230	ug/L	EPA 314.0	03/26/08 13:37	AA	N_RLm
Volatile Organic Compounds by EPA 8260B								
1,1,1,2-Tetrachloroethane	ND	50	14	ug/L	EPA 8260B	03/30/08 11:23	jes	
1,1,1-Trichloroethane	ND	50	12	ug/L	EPA 8260B	03/30/08 11:23	jes	
1,1,2,2-Tetrachloroethane	ND	50	29	ug/L	EPA 8260B	03/30/08 11:23	jes	
1,1,2-Trichloroethane	ND	50	31	ug/L	EPA 8260B	03/30/08 11:23	jes	
1,1-Dichloroethane	ND	50	9.8	ug/L	EPA 8260B	03/30/08 11:23	jes	
1,1-Dichloroethene	ND	50	12	ug/L	EPA 8260B	03/30/08 11:23	jes	
1,1-Dichloropropene	ND	50	14	ug/L	EPA 8260B	03/30/08 11:23	jes	
1,2,3-Trichlorobenzene	ND	50	29	ug/L	EPA 8260B	03/30/08 11:23	jes	
1,2,3-Trichloropropane	ND	50	29	ug/L	EPA 8260B	03/30/08 11:23	jes	
1,2,4-Trichlorobenzene	ND	50	34	ug/L	EPA 8260B	03/30/08 11:23	jes	
1,2,4-Trimethylbenzene	10	50	9.3	ug/L	EPA 8260B	03/30/08 11:23	jes	J
1,2-Dichlorobenzene	1300	50	20	ug/L	EPA 8260B	03/30/08 11:23	jes	
1,2-Dichloroethane	ND	50	21	ug/L	EPA 8260B	03/30/08 11:23	jes	
1,2-Dichloropropane	ND	50	50	ug/L	EPA 8260B	03/30/08 11:23	jes	
1,3,5-Trimethylbenzene	ND	50	7.9	ug/L	EPA 8260B	03/30/08 11:23	jes	
1,3-Dichlorobenzene	37	50	15	ug/L	EPA 8260B	03/30/08 11:23	jes	J
1,3-Dichloropropane	ND	50	22	ug/L	EPA 8260B	03/30/08 11:23	jes	
1,4-Dichlorobenzene	330	50	7.2	ug/L	EPA 8260B	03/30/08 11:23	jes	
2,2-Dichloropropane	ND	50	49	ug/L	EPA 8260B	03/30/08 11:23	jes	
2-Butanone(MEK)	ND	500	120	ug/L	EPA 8260B	03/30/08 11:23	jes	
2-Chloroethylvinyl Ether	ND	500	250	ug/L	EPA 8260B	03/30/08 11:23	jes	NCEVE
2-Chlorotoluene	ND	50	9.2	ug/L	EPA 8260B	03/30/08 11:23	jes	
4-Chlorotoluene	ND	50	9.5	ug/L	EPA 8260B	03/30/08 11:23	jes	

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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
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Analytical Report: Page 67 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number
A8C1524-17

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
OC-11B42 - Hydra Sleeve Sampling	Liquid	03/17/08 19:15	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B								
4-Methyl-2-Pentanone(MIBK)	ND	500	95	ug/L	EPA 8260B	03/30/08 11:23	jes	
Acetone	290	500	120	ug/L	EPA 8260B	03/30/08 11:23	jes	PblkJ, J
Acrolein (EPA 8260B)	ND	1000	370	ug/L	EPA 8260B	03/30/08 11:23	jes	
Acrylonitrile (EPA 8260B)	ND	1000	330	ug/L	EPA 8260B	03/30/08 11:23	jes	
Benzene	ND	50	14	ug/L	EPA 8260B	03/30/08 11:23	jes	
Bromobenzene	ND	50	22	ug/L	EPA 8260B	03/30/08 11:23	jes	
Bromochloromethane	ND	50	33	ug/L	EPA 8260B	03/30/08 11:23	jes	
Bromodichloromethane	ND	50	50	ug/L	EPA 8260B	03/30/08 11:23	jes	
Bromoform	ND	50	13	ug/L	EPA 8260B	03/30/08 11:23	jes	
Bromomethane	ND	50	48	ug/L	EPA 8260B	03/30/08 11:23	jes	
Carbon Disulfide	ND	50	36	ug/L	EPA 8260B	03/30/08 11:23	jes	
Carbon Tetrachloride	ND	50	15	ug/L	EPA 8260B	03/30/08 11:23	jes	
Chlorobenzene	220	50	23	ug/L	EPA 8260B	03/30/08 11:23	jes	
Chloroethane	ND	50	50	ug/L	EPA 8260B	03/30/08 11:23	jes	
Chloroform	470	50	46	ug/L	EPA 8260B	03/30/08 11:23	jes	
Chloromethane	ND	50	36	ug/L	EPA 8260B	03/30/08 11:23	jes	
cis-1,2-Dichloroethene	75	50	18	ug/L	EPA 8260B	03/30/08 11:23	jes	
cis-1,3-Dichloropropene	ND	50	30	ug/L	EPA 8260B	03/30/08 11:23	jes	
Dibromochloromethane	ND	50	37	ug/L	EPA 8260B	03/30/08 11:23	jes	
Dibromochloropropane	ND	500	44	ug/L	EPA 8260B	03/30/08 11:23	jes	
Dibromomethane	ND	50	50	ug/L	EPA 8260B	03/30/08 11:23	jes	
Dichlorodifluoromethane	ND	50	18	ug/L	EPA 8260B	03/30/08 11:23	jes	
Di-isopropyl ether	ND	300	24	ug/L	EPA 8260B	03/30/08 11:23	jes	
Ethyl tert-Butyl Ether	ND	300	29	ug/L	EPA 8260B	03/30/08 11:23	jes	
Ethylbenzene	ND	50	26	ug/L	EPA 8260B	03/30/08 11:23	jes	
Ethylene dibromide	ND	500	14	ug/L	EPA 8260B	03/30/08 11:23	jes	

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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
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Analytical Report: Page 68 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Work Order Number: A8C1524

Report Date: 03-Apr-2008

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-17

Sample Description Matrix Sampled Date/Time Received Date/Time
OC-11B42 - Hydra Sleeve Sampling Liquid 03/17/08 19:15 03/18/08 16:20

Table with columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like Hexachlorobutadiene, Isopropylbenzene, etc.

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Analytical Report: Page 69 of 114
 Project Name: Stringfellow Project
 Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-17

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
OC-11B42 - Hydra Sleeve Sampling	Liquid	03/17/08 19:15	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B								
<i>Surrogate: Toluene-d8</i>	94.7 %	80-120			EPA 8260B	03/30/08 11:23	jes	



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Analytical Report: Page 70 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-18

Sample Description Matrix Sampled Date/Time Received Date/Time
OC-11B68 - Hydra Sleeve Sampling Liquid 03/17/08 19:30 03/18/08 16:20

Table with 9 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include General Inorganics, Volatile Organic Compounds by EPA 8260B, and various chemical compounds like Perchlorate, 1,1,1,2-Tetrachloroethane, etc.

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Analytical Report: Page 71 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-18

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
OC-11B68 - Hydra Sleeve Sampling	Liquid	03/17/08 19:30	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B								
4-Methyl-2-Pentanone(MIBK)	ND	500	95	ug/L	EPA 8260B	03/30/08 11:55	jes	
Acetone	330	500	120	ug/L	EPA 8260B	03/30/08 11:55	jes	PblkJ, J
Acrolein (EPA 8260B)	ND	1000	370	ug/L	EPA 8260B	03/30/08 11:55	jes	
Acrylonitrile (EPA 8260B)	ND	1000	330	ug/L	EPA 8260B	03/30/08 11:55	jes	
Benzene	ND	50	14	ug/L	EPA 8260B	03/30/08 11:55	jes	
Bromobenzene	ND	50	22	ug/L	EPA 8260B	03/30/08 11:55	jes	
Bromochloromethane	ND	50	33	ug/L	EPA 8260B	03/30/08 11:55	jes	
Bromodichloromethane	ND	50	50	ug/L	EPA 8260B	03/30/08 11:55	jes	
Bromoform	ND	50	13	ug/L	EPA 8260B	03/30/08 11:55	jes	
Bromomethane	ND	50	48	ug/L	EPA 8260B	03/30/08 11:55	jes	
Carbon Disulfide	ND	50	36	ug/L	EPA 8260B	03/30/08 11:55	jes	
Carbon Tetrachloride	ND	50	15	ug/L	EPA 8260B	03/30/08 11:55	jes	
Chlorobenzene	200	50	23	ug/L	EPA 8260B	03/30/08 11:55	jes	
Chloroethane	ND	50	50	ug/L	EPA 8260B	03/30/08 11:55	jes	
Chloroform	430	50	46	ug/L	EPA 8260B	03/30/08 11:55	jes	
Chloromethane	ND	50	36	ug/L	EPA 8260B	03/30/08 11:55	jes	
cis-1,2-Dichloroethene	92	50	18	ug/L	EPA 8260B	03/30/08 11:55	jes	
cis-1,3-Dichloropropene	ND	50	30	ug/L	EPA 8260B	03/30/08 11:55	jes	
Dibromochloromethane	ND	50	37	ug/L	EPA 8260B	03/30/08 11:55	jes	
Dibromochloropropane	ND	500	44	ug/L	EPA 8260B	03/30/08 11:55	jes	
Dibromomethane	ND	50	50	ug/L	EPA 8260B	03/30/08 11:55	jes	
Dichlorodifluoromethane	ND	50	18	ug/L	EPA 8260B	03/30/08 11:55	jes	
Di-isopropyl ether	ND	300	24	ug/L	EPA 8260B	03/30/08 11:55	jes	
Ethyl tert-Butyl Ether	ND	300	29	ug/L	EPA 8260B	03/30/08 11:55	jes	
Ethylbenzene	ND	50	26	ug/L	EPA 8260B	03/30/08 11:55	jes	
Ethylene dibromide	ND	500	14	ug/L	EPA 8260B	03/30/08 11:55	jes	

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Client Name: GeoLogic Associates-SB
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Analytical Report: Page 72 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-18

Sample Description Matrix Sampled Date/Time Received Date/Time
OC-11B68 - Hydra Sleeve Sampling Liquid 03/17/08 19:30 03/18/08 16:20

Table with columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like Hexachlorobutadiene, Isopropylbenzene, etc.

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Analytical Report: Page 73 of 114
 Project Name: Stringfellow Project
 Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-18

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
OC-11B68 - Hydra Sleeve Sampling	Liquid	03/17/08 19:30	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B <i>Surrogate: Toluene-d8</i>	94.5 %	80-120			EPA 8260B	03/30/08 11:55	jes	



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Analytical Report: Page 74 of 114
 Project Name: Stringfellow Project
 Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-19

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
OC-11B71 - Hydra Sleeve Sampling	Liquid	03/17/08 19:40	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
General Inorganics								
Perchlorate	ND	400	230	ug/L	EPA 314.0	03/26/08 14:08	AA	N_RLm
Perchlorate	170	20	6.8	ug/L*	IC-MS/MS	03/27/08 03:20	AA	
Volatile Organic Compounds by EPA 8260B								
1,1,1,2-Tetrachloroethane	ND	50	14	ug/L	EPA 8260B	03/30/08 12:27	jes	
1,1,1-Trichloroethane	ND	50	12	ug/L	EPA 8260B	03/30/08 12:27	jes	
1,1,2,2-Tetrachloroethane	ND	50	29	ug/L	EPA 8260B	03/30/08 12:27	jes	
1,1,2-Trichloroethane	ND	50	31	ug/L	EPA 8260B	03/30/08 12:27	jes	
1,1-Dichloroethane	ND	50	9.8	ug/L	EPA 8260B	03/30/08 12:27	jes	
1,1-Dichloroethene	ND	50	12	ug/L	EPA 8260B	03/30/08 12:27	jes	
1,1-Dichloropropene	ND	50	14	ug/L	EPA 8260B	03/30/08 12:27	jes	
1,2,3-Trichlorobenzene	ND	50	29	ug/L	EPA 8260B	03/30/08 12:27	jes	
1,2,3-Trichloropropane	ND	50	29	ug/L	EPA 8260B	03/30/08 12:27	jes	
1,2,4-Trichlorobenzene	ND	50	34	ug/L	EPA 8260B	03/30/08 12:27	jes	
1,2,4-Trimethylbenzene	ND	50	9.3	ug/L	EPA 8260B	03/30/08 12:27	jes	
1,2-Dichlorobenzene	1200	50	20	ug/L	EPA 8260B	03/30/08 12:27	jes	
1,2-Dichloroethane	ND	50	21	ug/L	EPA 8260B	03/30/08 12:27	jes	
1,2-Dichloropropane	ND	50	50	ug/L	EPA 8260B	03/30/08 12:27	jes	
1,3,5-Trimethylbenzene	ND	50	7.9	ug/L	EPA 8260B	03/30/08 12:27	jes	
1,3-Dichlorobenzene	38	50	15	ug/L	EPA 8260B	03/30/08 12:27	jes	J
1,3-Dichloropropane	ND	50	22	ug/L	EPA 8260B	03/30/08 12:27	jes	
1,4-Dichlorobenzene	310	50	7.2	ug/L	EPA 8260B	03/30/08 12:27	jes	
2,2-Dichloropropane	ND	50	49	ug/L	EPA 8260B	03/30/08 12:27	jes	
2-Butanone(MEK)	ND	500	120	ug/L	EPA 8260B	03/30/08 12:27	jes	
2-Chloroethylvinyl Ether	ND	500	250	ug/L	EPA 8260B	03/30/08 12:27	jes	NCEVE
2-Chlorotoluene	ND	50	9.2	ug/L	EPA 8260B	03/30/08 12:27	jes	
4-Chlorotoluene	ND	50	9.5	ug/L	EPA 8260B	03/30/08 12:27	jes	

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 CA ELAP no. 1156
 EPA no. CA00102



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Client Name: GeoLogic Associates-SB
 Contact: Mike Reason
 Address: 1831 Commercenter East
 San Bernardino, CA 92408

Analytical Report: Page 75 of 114
 Project Name: Stringfellow Project
 Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-19

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
OC-11B71 - Hydra Sleeve Sampling	Liquid	03/17/08 19:40	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B								
4-Methyl-2-Pentanone(MIBK)	98	500	95	ug/L	EPA 8260B	03/30/08 12:27	jes	J
Acetone	220	500	120	ug/L	EPA 8260B	03/30/08 12:27	jes	PblkJ, J
Acrolein (EPA 8260B)	ND	1000	370	ug/L	EPA 8260B	03/30/08 12:27	jes	
Acrylonitrile (EPA 8260B)	ND	1000	330	ug/L	EPA 8260B	03/30/08 12:27	jes	
Benzene	ND	50	14	ug/L	EPA 8260B	03/30/08 12:27	jes	
Bromobenzene	ND	50	22	ug/L	EPA 8260B	03/30/08 12:27	jes	
Bromochloromethane	ND	50	33	ug/L	EPA 8260B	03/30/08 12:27	jes	
Bromodichloromethane	ND	50	50	ug/L	EPA 8260B	03/30/08 12:27	jes	
Bromoform	ND	50	13	ug/L	EPA 8260B	03/30/08 12:27	jes	
Bromomethane	ND	50	48	ug/L	EPA 8260B	03/30/08 12:27	jes	
Carbon Disulfide	ND	50	36	ug/L	EPA 8260B	03/30/08 12:27	jes	
Carbon Tetrachloride	ND	50	15	ug/L	EPA 8260B	03/30/08 12:27	jes	
Chlorobenzene	190	50	23	ug/L	EPA 8260B	03/30/08 12:27	jes	
Chloroethane	ND	50	50	ug/L	EPA 8260B	03/30/08 12:27	jes	
Chloroform	460	50	46	ug/L	EPA 8260B	03/30/08 12:27	jes	
Chloromethane	ND	50	36	ug/L	EPA 8260B	03/30/08 12:27	jes	
cis-1,2-Dichloroethene	82	50	18	ug/L	EPA 8260B	03/30/08 12:27	jes	
cis-1,3-Dichloropropene	ND	50	30	ug/L	EPA 8260B	03/30/08 12:27	jes	
Dibromochloromethane	ND	50	37	ug/L	EPA 8260B	03/30/08 12:27	jes	
Dibromochloropropane	ND	500	44	ug/L	EPA 8260B	03/30/08 12:27	jes	
Dibromomethane	ND	50	50	ug/L	EPA 8260B	03/30/08 12:27	jes	
Dichlorodifluoromethane	ND	50	18	ug/L	EPA 8260B	03/30/08 12:27	jes	
Di-isopropyl ether	ND	300	24	ug/L	EPA 8260B	03/30/08 12:27	jes	
Ethyl tert-Butyl Ether	ND	300	29	ug/L	EPA 8260B	03/30/08 12:27	jes	
Ethylbenzene	ND	50	26	ug/L	EPA 8260B	03/30/08 12:27	jes	
Ethylene dibromide	ND	500	14	ug/L	EPA 8260B	03/30/08 12:27	jes	

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 CA ELAP no. 1156
 EPA no. CA00102



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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
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Analytical Report: Page 76 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-19

Sample Description Matrix Sampled Date/Time Received Date/Time
OC-11B71 - Hydra Sleeve Sampling Liquid 03/17/08 19:40 03/18/08 16:20

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like Hexachlorobutadiene, Isopropylbenzene, etc.

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Client Name: GeoLogic Associates-SB
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Analytical Report: Page 77 of 114
 Project Name: Stringfellow Project
 Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-19

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
OC-11B71 - Hydra Sleeve Sampling	Liquid	03/17/08 19:40	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B <i>Surrogate: Toluene-d8</i>	106 %	80-120			EPA 8260B	03/30/08 12:27	jes	



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Analytical Report: Page 78 of 114
 Project Name: Stringfellow Project
 Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-20

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
OW-68D153 - Hydra Sleeve Sampling	Liquid	03/18/08 12:30	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
General Inorganics								
Perchlorate	ND	2000	1200	ug/L	EPA 314.0	03/26/08 15:10	AA	N_RLm
Perchlorate	120	20	6.8	ug/L*	IC-MS/MS	03/27/08 03:38	AA	
Volatile Organic Compounds by EPA 8260B								
1,1,1,2-Tetrachloroethane	ND	200	55	ug/L	EPA 8260B	03/30/08 12:59	jes	
1,1,1-Trichloroethane	ND	200	47	ug/L	EPA 8260B	03/30/08 12:59	jes	
1,1,2,2-Tetrachloroethane	ND	200	120	ug/L	EPA 8260B	03/30/08 12:59	jes	
1,1,2-Trichloroethane	ND	200	120	ug/L	EPA 8260B	03/30/08 12:59	jes	
1,1-Dichloroethane	ND	200	39	ug/L	EPA 8260B	03/30/08 12:59	jes	
1,1-Dichloroethene	ND	200	47	ug/L	EPA 8260B	03/30/08 12:59	jes	
1,1-Dichloropropene	ND	200	54	ug/L	EPA 8260B	03/30/08 12:59	jes	
1,2,3-Trichlorobenzene	ND	200	110	ug/L	EPA 8260B	03/30/08 12:59	jes	
1,2,3-Trichloropropane	ND	200	120	ug/L	EPA 8260B	03/30/08 12:59	jes	
1,2,4-Trichlorobenzene	ND	200	140	ug/L	EPA 8260B	03/30/08 12:59	jes	
1,2,4-Trimethylbenzene	50	200	37	ug/L	EPA 8260B	03/30/08 12:59	jes	J
1,2-Dichlorobenzene	6000	200	80	ug/L	EPA 8260B	03/30/08 12:59	jes	
1,2-Dichloroethane	ND	200	82	ug/L	EPA 8260B	03/30/08 12:59	jes	
1,2-Dichloropropane	ND	200	200	ug/L	EPA 8260B	03/30/08 12:59	jes	
1,3,5-Trimethylbenzene	ND	200	32	ug/L	EPA 8260B	03/30/08 12:59	jes	
1,3-Dichlorobenzene	190	200	60	ug/L	EPA 8260B	03/30/08 12:59	jes	J
1,3-Dichloropropane	ND	200	90	ug/L	EPA 8260B	03/30/08 12:59	jes	
1,4-Dichlorobenzene	1600	200	29	ug/L	EPA 8260B	03/30/08 12:59	jes	
2,2-Dichloropropane	ND	200	200	ug/L	EPA 8260B	03/30/08 12:59	jes	
2-Butanone(MEK)	ND	2000	490	ug/L	EPA 8260B	03/30/08 12:59	jes	
2-Chloroethylvinyl Ether	ND	2000	1000	ug/L	EPA 8260B	03/30/08 12:59	jes	NCEVE
2-Chlorotoluene	ND	200	37	ug/L	EPA 8260B	03/30/08 12:59	jes	
4-Chlorotoluene	ND	200	38	ug/L	EPA 8260B	03/30/08 12:59	jes	

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 CA ELAP no. 1156
 EPA no. CA00102



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Client Name: Geologic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
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Analytical Report: Page 79 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-20

Sample Description: OW-68D153 - Hydra Sleeve Sampling
Matrix: Liquid
Sampled Date/Time: 03/18/08 12:30
Received Date/Time: 03/18/08 16:20

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like 4-Methyl-2-Pentanone, Acetone, Acrolein, etc.

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Client Name: Geologic Associates-SB
 Contact: Mike Reason
 Address: 1831 Commercenter East
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Analytical Report: Page 80 of 114
 Project Name: Stringfellow Project
 Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number
A8C1524-20

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
OW-68D153 - Hydra Sleeve Sampling	Liquid	03/18/08 12:30	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B								
Hexachlorobutadiene	ND	200	84	ug/L	EPA 8260B	03/30/08 12:59	jes	
Isopropylbenzene	ND	200	140	ug/L	EPA 8260B	03/30/08 12:59	jes	
Methyl tert butyl Ether	ND	1200	170	ug/L	EPA 8260B	03/30/08 12:59	jes	
Methylene Chloride	870	200	200	ug/L	EPA 8260B	03/30/08 12:59	jes	
Naphthalene	ND	200	180	ug/L	EPA 8260B	03/30/08 12:59	jes	
n-Butylbenzene	ND	200	59	ug/L	EPA 8260B	03/30/08 12:59	jes	
n-Propylbenzene	ND	200	62	ug/L	EPA 8260B	03/30/08 12:59	jes	
p-Isopropyltoluene	ND	200	34	ug/L	EPA 8260B	03/30/08 12:59	jes	
sec-Butylbenzene	ND	200	49	ug/L	EPA 8260B	03/30/08 12:59	jes	
Styrene	ND	200	90	ug/L	EPA 8260B	03/30/08 12:59	jes	
tert-Amyl Methyl Ether	ND	1200	150	ug/L	EPA 8260B	03/30/08 12:59	jes	
tert-Butyl alcohol	ND	800	580	ug/L	EPA 8260B	03/30/08 12:59	jes	
tert-Butylbenzene	ND	200	84	ug/L	EPA 8260B	03/30/08 12:59	jes	
Tetrachloroethene	470	200	67	ug/L	EPA 8260B	03/30/08 12:59	jes	
Toluene	110	200	89	ug/L	EPA 8260B	03/30/08 12:59	jes	J
trans-1,2-Dichloroethene	ND	200	40	ug/L	EPA 8260B	03/30/08 12:59	jes	
trans-1,3-Dichloropropene	ND	200	98	ug/L	EPA 8260B	03/30/08 12:59	jes	
Trichloroethene	6300	200	200	ug/L	EPA 8260B	03/30/08 12:59	jes	
Trichlorofluoromethane	ND	2000	63	ug/L	EPA 8260B	03/30/08 12:59	jes	
Trichlorotrifluoroethane	ND	4000	100	ug/L	EPA 8260B	03/30/08 12:59	jes	
Vinyl Acetate	ND	4000	190	ug/L	EPA 8260B	03/30/08 12:59	jes	
Vinyl Chloride	ND	200	52	ug/L	EPA 8260B	03/30/08 12:59	jes	
Xylenes (m+p)	ND	200	140	ug/L	EPA 8260B	03/30/08 12:59	jes	
Xylenes (ortho)	ND	200	160	ug/L	EPA 8260B	03/30/08 12:59	jes	
Xylenes (Total)	ND	200	160	ug/L	EPA 8260B	03/30/08 12:59	jes	
Surrogate: 1,2-Dichloroethane-d4	107 %	80-124			EPA 8260B	03/30/08 12:59	jes	
Surrogate: Bromofluorobenzene	101 %	71-149			EPA 8260B	03/30/08 12:59	jes	

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Client Name: GeoLogic Associates-SB
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Analytical Report: Page 81 of 114
 Project Name: Stringfellow Project
 Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-20

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
OW-68D153 - Hydra Sleeve Sampling	Liquid	03/18/08 12:30	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B <i>Surrogate: Toluene-d8</i>	96.0 %	80-120			EPA 8260B	03/30/08 12:59	jes	



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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
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Analytical Report: Page 82 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-21

Sample Description: OW-68D153 - Hydra Sleeve Sampling
Matrix: Liquid
Sampled Date/Time: 03/18/08 12:45
Received Date/Time: 03/18/08 16:20

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include General Inorganics (Perchlorate), Volatile Organic Compounds by EPA 8260B (various chlorinated hydrocarbons), and other compounds like 2-Butanone(MEK) and 2-Chloroethylvinyl Ether.

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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
San Bernardino, CA 92408

Analytical Report: Page 83 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-21

Sample Description Matrix Sampled Date/Time Received Date/Time
OW-68D153 - Hydra Sleeve Sampling Liquid 03/18/08 12:45 03/18/08 16:20

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like 4-Methyl-2-Pentanone, Acetone, Benzene, etc.

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Client Name: GeoLogic Associates-SB
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Analytical Report: Page 84 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-21

Sample Description: OW-68D153 - Hydra Sleeve Sampling
Matrix: Liquid
Sampled Date/Time: 03/18/08 12:45
Received Date/Time: 03/18/08 16:20

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B, Hexachlorobutadiene, Isopropylbenzene, Methyl tert butyl Ether, Methylene Chloride, Naphthalene, n-Butylbenzene, n-Propylbenzene, p-Isopropyltoluene, sec-Butylbenzene, Styrene, tert-Amyl Methyl Ether, tert-Butyl alcohol, tert-Butylbenzene, Tetrachloroethene, Toluene, trans-1,2-Dichloroethene, trans-1,3-Dichloropropene, Trichloroethene, Trichlorofluoromethane, Trichlorotrifluoroethane, Vinyl Acetate, Vinyl Chloride, Xylenes (m+p), Xylenes (ortho), Xylenes (Total), and Surrogate compounds.

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Analytical Report: Page 85 of 114
 Project Name: Stringfellow Project
 Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-21

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
OW-68D153 - Hydra Sleeve Sampling	Liquid	03/18/08 12:45	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B <i>Surrogate: Toluene-d8</i>	115 %	80-120			EPA 8260B	03/31/08 17:17	jes	

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Client Name: GeoLogic Associates-SB
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Analytical Report: Page 86 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-22

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
OW-68D156 - Hydra Sleeve Sampling	Liquid	03/18/08 13:30	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
General Inorganics								
Perchlorate	ND	4000	2300	ug/L	EPA 314.0	03/26/08 19:11	AA	N_RLm
Perchlorate	120	50	17	ug/L*	IC-MS/MS	03/27/08 05:08	AA	
Volatile Organic Compounds by EPA 8260B								
1,1,1,2-Tetrachloroethane	ND	200	55	ug/L	EPA 8260B	03/31/08 17:49	jes	
1,1,1-Trichloroethane	ND	200	47	ug/L	EPA 8260B	03/31/08 17:49	jes	
1,1,2,2-Tetrachloroethane	ND	200	120	ug/L	EPA 8260B	03/31/08 17:49	jes	
1,1,2-Trichloroethane	ND	200	120	ug/L	EPA 8260B	03/31/08 17:49	jes	
1,1-Dichloroethane	ND	200	39	ug/L	EPA 8260B	03/31/08 17:49	jes	
1,1-Dichloroethene	ND	200	47	ug/L	EPA 8260B	03/31/08 17:49	jes	
1,1-Dichloropropene	ND	200	54	ug/L	EPA 8260B	03/31/08 17:49	jes	
1,2,3-Trichlorobenzene	ND	200	110	ug/L	EPA 8260B	03/31/08 17:49	jes	
1,2,3-Trichloropropane	ND	200	120	ug/L	EPA 8260B	03/31/08 17:49	jes	
1,2,4-Trichlorobenzene	ND	200	140	ug/L	EPA 8260B	03/31/08 17:49	jes	
1,2,4-Trimethylbenzene	ND	200	37	ug/L	EPA 8260B	03/31/08 17:49	jes	
1,2-Dichlorobenzene	5300	200	80	ug/L	EPA 8260B	03/31/08 17:49	jes	
1,2-Dichloroethane	ND	200	82	ug/L	EPA 8260B	03/31/08 17:49	jes	
1,2-Dichloropropane	ND	200	200	ug/L	EPA 8260B	03/31/08 17:49	jes	
1,3,5-Trimethylbenzene	ND	200	32	ug/L	EPA 8260B	03/31/08 17:49	jes	
1,3-Dichlorobenzene	160	200	60	ug/L	EPA 8260B	03/31/08 17:49	jes	J
1,3-Dichloropropane	ND	200	90	ug/L	EPA 8260B	03/31/08 17:49	jes	
1,4-Dichlorobenzene	1400	200	29	ug/L	EPA 8260B	03/31/08 17:49	jes	
2,2-Dichloropropane	ND	200	200	ug/L	EPA 8260B	03/31/08 17:49	jes	
2-Butanone(MEK)	ND	2000	490	ug/L	EPA 8260B	03/31/08 17:49	jes	
2-Chloroethylvinyl Ether	ND	2000	1000	ug/L	EPA 8260B	03/31/08 17:49	jes	NCEVE
2-Chlorotoluene	ND	200	37	ug/L	EPA 8260B	03/31/08 17:49	jes	
4-Chlorotoluene	ND	200	38	ug/L	EPA 8260B	03/31/08 17:49	jes	

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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
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Analytical Report: Page 87 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-22

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
OW-68D156 - Hydra Sleeve Sampling	Liquid	03/18/08 13:30	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B								
4-Methyl-2-Pentanone(MIBK)	470	2000	380	ug/L	EPA 8260B	03/31/08 17:49	jes	J
Acetone	2800	2000	480	ug/L	EPA 8260B	03/31/08 17:49	jes	PblkJ
Acrolein (EPA 8260B)	ND	4000	1500	ug/L	EPA 8260B	03/31/08 17:49	jes	
Acrylonitrile (EPA 8260B)	ND	4000	1300	ug/L	EPA 8260B	03/31/08 17:49	jes	
Benzene	ND	200	57	ug/L	EPA 8260B	03/31/08 17:49	jes	
Bromobenzene	ND	200	88	ug/L	EPA 8260B	03/31/08 17:49	jes	
Bromochloromethane	ND	200	130	ug/L	EPA 8260B	03/31/08 17:49	jes	
Bromodichloromethane	ND	200	200	ug/L	EPA 8260B	03/31/08 17:49	jes	
Bromoform	ND	200	52	ug/L	EPA 8260B	03/31/08 17:49	jes	
Bromomethane	ND	200	190	ug/L	EPA 8260B	03/31/08 17:49	jes	
Carbon Disulfide	ND	200	140	ug/L	EPA 8260B	03/31/08 17:49	jes	
Carbon Tetrachloride	ND	200	60	ug/L	EPA 8260B	03/31/08 17:49	jes	
Chlorobenzene	1500	200	92	ug/L	EPA 8260B	03/31/08 17:49	jes	
Chloroethane	ND	200	200	ug/L	EPA 8260B	03/31/08 17:49	jes	
Chloroform	980	200	180	ug/L	EPA 8260B	03/31/08 17:49	jes	
Chloromethane	ND	200	140	ug/L	EPA 8260B	03/31/08 17:49	jes	
cis-1,2-Dichloroethene	110	200	74	ug/L	EPA 8260B	03/31/08 17:49	jes	J
cis-1,3-Dichloropropene	ND	200	120	ug/L	EPA 8260B	03/31/08 17:49	jes	
Dibromochloromethane	ND	200	150	ug/L	EPA 8260B	03/31/08 17:49	jes	
Dibromochloropropane	ND	2000	180	ug/L	EPA 8260B	03/31/08 17:49	jes	
Dibromomethane	ND	200	200	ug/L	EPA 8260B	03/31/08 17:49	jes	
Dichlorodifluoromethane	ND	200	74	ug/L	EPA 8260B	03/31/08 17:49	jes	
Di-isopropyl ether	ND	1200	98	ug/L	EPA 8260B	03/31/08 17:49	jes	
Ethyl tert-Butyl Ether	ND	1200	120	ug/L	EPA 8260B	03/31/08 17:49	jes	
Ethylbenzene	ND	200	110	ug/L	EPA 8260B	03/31/08 17:49	jes	
Ethylene dibromide	ND	2000	56	ug/L	EPA 8260B	03/31/08 17:49	jes	

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Client Name: GeoLogic Associates-SB
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Analytical Report: Page 88 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-22

Sample Description: OW-68D156 - Hydra Sleeve Sampling
Matrix: Liquid
Sampled Date/Time: 03/18/08 13:30
Received Date/Time: 03/18/08 16:20

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like Hexachlorobutadiene, Isopropylbenzene, etc.

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Analytical Report: Page 89 of 114
 Project Name: Stringfellow Project
 Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-22

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
OW-68D156 - Hydra Sleeve Sampling	Liquid	03/18/08 13:30	03/18/08 16:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B <i>Surrogate: Toluene-d8</i>	103 %	80-120			EPA 8260B	03/31/08 17:49	jes	



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Analytical Report: Page 90 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-23

Sample Description Matrix Sampled Date/Time Received Date/Time
FBHydra Sleeve Sampling Liquid 03/18/08 14:00 03/18/08 16:20

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like 1,1,1,2-Tetrachloroethane, etc.

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Analytical Report: Page 91 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-23

Sample Description Matrix Sampled Date/Time Received Date/Time
FBHydra Sleeve Sampling Liquid 03/18/08 14:00 03/18/08 16:20

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like Acrylonitrile, Benzene, etc.

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Analytical Report: Page 92 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

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Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8C1524-23

Sample Description Matrix Sampled Date/Time Received Date/Time
FBHydra Sleeve Sampling Liquid 03/18/08 14:00 03/18/08 16:20

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like Methylene Chloride, Naphthalene, etc.

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Analytical Report: Page 93 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

General Inorganics - Batch Quality Control

Analyte(s)	Result	RDL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 8C24034 - Analyzed as received											
Blank (8C24034-BLK1)					Prepared: 03/24/08 Analyzed: 03/25/08						
Perchlorate	ND	4.0	2.3	ug/L							
LCS (8C24034-BS1)					Prepared: 03/24/08 Analyzed: 03/25/08						
Perchlorate	27.4	4.0	2.3	ug/L	25.0		110	85-115			
Matrix Spike (8C24034-MS1)					Source: A8C1524-22 Prepared: 03/24/08 Analyzed: 03/25/08						
Perchlorate	ND	4.0	2.3	ug/L	12.5	ND	NR	80-120			QFpas, QMout
Matrix Spike Dup (8C24034-MSD1)					Source: A8C1524-22 Prepared: 03/24/08 Analyzed: 03/25/08						
Perchlorate	ND	4.0	2.3	ug/L	12.5	ND	NR	80-120	15		QFpas, QMout
Batch 8C25042 - Analyzed as received											
Blank (8C25042-BLK1)					Prepared: 03/25/08 Analyzed: 03/26/08						
Perchlorate	ND	4.0	2.3	ug/L							
LCS (8C25042-BS1)					Prepared: 03/25/08 Analyzed: 03/26/08						
Perchlorate	25.5	4.0	2.3	ug/L	25.0		102	85-115			
Matrix Spike (8C25042-MS1)					Source: A8C1524-22 Prepared: 03/25/08 Analyzed: 03/26/08						
Perchlorate	10.6	4.0	2.3	ug/L	12.5	ND	84.8	80-120			
Matrix Spike Dup (8C25042-MSD1)					Source: A8C1524-22 Prepared: 03/25/08 Analyzed: 03/26/08						
Perchlorate	10.5	4.0	2.3	ug/L	12.5	ND	84.0	80-120	0.948	15	
Batch 8C26037 - Analyzed as received											
Blank (8C26037-BLK1)					Prepared & Analyzed: 03/26/08						
Perchlorate	ND	0.10	0.034	ug/L*							



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Analytical Report: Page 94 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

General Inorganics - Batch Quality Control

Analyte(s)	Result	RDL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 8C26037 - Analyzed as received											
LCS (8C26037-BS1)					Prepared & Analyzed: 03/26/08						
Perchlorate	4.41	0.10	0.034	ug/L*	5.00		88.1	80-120			
Duplicate (8C26037-DUP1)					Source: A8C1524-22 Prepared & Analyzed: 03/26/08						
Perchlorate	120	50	17	ug/L*		124			2.46	40	
Matrix Spike (8C26037-MS1)					Source: A8C1524-22 Prepared & Analyzed: 03/26/08						
Perchlorate	2390	50	17	ug/L*	2500	124	90.5	75-125			
Matrix Spike Dup (8C26037-MSD1)					Source: A8C1524-22 Prepared & Analyzed: 03/26/08						
Perchlorate	2380	50	17	ug/L*	2500	124	90.4	75-125	0.147	40	
Batch 8C26038 - Analyzed as received											
Blank (8C26038-BLK1)					Prepared: 03/26/08 Analyzed: 03/27/08						
Perchlorate	ND	0.10	0.034	ug/L*							
LCS (8C26038-BS1)					Prepared: 03/26/08 Analyzed: 03/27/08						
Perchlorate	4.49	0.10	0.034	ug/L*	5.00		89.8	80-120			
Duplicate (8C26038-DUP1)					Source: A8C1524-21 Prepared: 03/26/08 Analyzed: 03/27/08						
Perchlorate	137	20	6.8	ug/L*		137			0.584	40	
Matrix Spike (8C26038-MS1)					Source: A8C1524-21 Prepared: 03/26/08 Analyzed: 03/27/08						
Perchlorate	1100	20	6.8	ug/L*	1000	137	96.4	75-125			
Matrix Spike Dup (8C26038-MSD1)					Source: A8C1524-21 Prepared: 03/26/08 Analyzed: 03/27/08						
Perchlorate	1080	20	6.8	ug/L*	1000	137	94.2	75-125	2.04	40	

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Contact: Mike Reason
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Analytical Report: Page 95 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Volatile Organic Compounds by EPA 8260B - Batch Quality Control

Table with columns: Analyte(s), Result, RDL, MDL, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Flag. Includes data for various compounds like 1,1,1,2-Tetrachloroethane, Acetone, and Carbon Disulfide.

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Analytical Report: Page 96 of 114
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Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Volatile Organic Compounds by EPA 8260B - Batch Quality Control

Table with columns: Analyte(s), Result, RDL, MDL, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Flag. Includes a list of compounds like Carbon Tetrachloride, Chlorobenzene, etc., with their respective results and limits.

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Analytical Report: Page 97 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Work Order Number: A8C1524

Report Date: 03-Apr-2008

Received on Ice (Y/N): Yes Temp: 4 °C

Volatile Organic Compounds by EPA 8260B - Batch Quality Control

Analyte(s)	Result	RDL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 8C21023 - Purge and Trap											
Blank (8C21023-BLK1)					Prepared & Analyzed: 03/21/08						
Trichlorotrifluoroethane	ND	10	0.25	ug/L							
Vinyl Acetate	ND	10	0.48	ug/L							
Vinyl Chloride	ND	0.50	0.13	ug/L							
Xylenes (m+p)	ND	0.50	0.36	ug/L							
Xylenes (ortho)	ND	0.50	0.41	ug/L							
Xylenes (Total)	ND	0.50	0.41	ug/L							
Surrogate: 1,2-Dichloroethane-d4	114			ug/L	100		114	80-124			
Surrogate: Bromofluorobenzene	103			ug/L	100		103	71-149			
Surrogate: Toluene-d8	96.3			ug/L	100		96.3	80-120			
LCS (8C21023-BS1)					Prepared & Analyzed: 03/21/08						
1,1-Dichloroethane	23.7	0.50	0.098	ug/L	25.0		94.7	76-130			
1,1-Dichloroethene	25.7	0.50	0.12	ug/L	25.0		103	70-130			
1,4-Dichlorobenzene	22.7	0.50	0.072	ug/L	25.0		90.7	79-130			
Benzene	22.9	0.50	0.14	ug/L	25.0		91.5	70-130			
Bromodichloromethane	29.0	0.50	0.50	ug/L	25.0		116	70-132			
Bromoform	29.3	0.50	0.13	ug/L	25.0		117	65-141			
Chloroform	24.9	0.50	0.46	ug/L	25.0		99.6	70-130			
Dibromochloromethane	28.2	0.50	0.37	ug/L	25.0		113	70-130			
Ethylbenzene	24.6	0.50	0.26	ug/L	25.0		98.2	70-136			
Methyl tert butyl Ether	24.5	3.0	0.43	ug/L	25.0		98.1	70-130			
Tetrachloroethene	28.3	0.50	0.17	ug/L	25.0		113	70-130			
Toluene	24.8	0.50	0.22	ug/L	25.0		99.2	70-130			
Trichloroethene	24.3	0.50	0.50	ug/L	25.0		97.1	70-130			
Vinyl Chloride	24.2	0.50	0.13	ug/L	25.0		96.9	60-130			
Xylenes (m+p)	49.5	0.50	0.36	ug/L	50.0		99.1	70-137			
Xylenes (ortho)	24.7	0.50	0.41	ug/L	25.0		98.9	70-136			
Surrogate: 1,2-Dichloroethane-d4	110			ug/L	100		110	80-124			
Surrogate: Bromofluorobenzene	105			ug/L	100		105	71-149			
Surrogate: Toluene-d8	101			ug/L	100		101	80-120			

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Analytical Report: Page 98 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Work Order Number: A8C1524

Report Date: 03-Apr-2008

Received on Ice (Y/N): Yes Temp: 4 °C

Volatile Organic Compounds by EPA 8260B - Batch Quality Control

Analyte(s)	Result	RDL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 8C21023 - Purge and Trap											
LCS Dup (8C21023-BSD1)					Prepared & Analyzed: 03/21/08						
1,1-Dichloroethane	22.6	0.50	0.098	ug/L	25.0		90.4	76-130	4.71	20	
1,1-Dichloroethene	24.4	0.50	0.12	ug/L	25.0		97.6	70-130	5.27	20	
1,4-Dichlorobenzene	23.4	0.50	0.072	ug/L	25.0		93.6	79-130	3.17	20	
Benzene	21.9	0.50	0.14	ug/L	25.0		87.5	70-130	4.51	20	
Bromodichloromethane	28.2	0.50	0.50	ug/L	25.0		113	70-132	2.62	20	
Bromoform	28.6	0.50	0.13	ug/L	25.0		114	65-141	2.31	20	
Chloroform	24.0	0.50	0.46	ug/L	25.0		96.0	70-130	3.60	20	
Dibromochloromethane	27.7	0.50	0.37	ug/L	25.0		111	70-130	1.86	20	
Ethylbenzene	24.9	0.50	0.26	ug/L	25.0		99.5	70-136	1.25	20	
Methyl tert butyl Ether	23.4	3.0	0.43	ug/L	25.0		93.4	70-130	4.85	20	
Tetrachloroethene	27.6	0.50	0.17	ug/L	25.0		110	70-130	2.65	20	
Toluene	24.6	0.50	0.22	ug/L	25.0		98.4	70-130	0.810	20	
Trichloroethene	24.0	0.50	0.50	ug/L	25.0		95.8	70-130	1.33	20	
Vinyl Chloride	22.8	0.50	0.13	ug/L	25.0		91.4	60-130	5.86	20	
Xylenes (m+p)	50.2	0.50	0.36	ug/L	50.0		100	70-137	1.40	20	
Xylenes (ortho)	25.0	0.50	0.41	ug/L	25.0		100	70-136	1.21	20	
Surrogate: 1,2-Dichloroethane-d4	103			ug/L	100		103	80-124			
Surrogate: Bromofluorobenzene	108			ug/L	100		108	71-149			
Surrogate: Toluene-d8	102			ug/L	100		102	80-120			
Duplicate (8C21023-DUP1)					Source: A8C1517-01 Prepared & Analyzed: 03/21/08						
1,1,1,2-Tetrachloroethane	ND	0.50	0.14	ug/L		ND				40	
1,1,1-Trichloroethane	ND	0.50	0.12	ug/L		ND				40	
1,1,2,2-Tetrachloroethane	ND	0.50	0.29	ug/L		ND				40	
1,1,2-Trichloroethane	ND	0.50	0.31	ug/L		ND				40	
1,1-Dichloroethane	ND	0.50	0.098	ug/L		ND				40	
1,1-Dichloroethene	ND	0.50	0.12	ug/L		ND				40	
1,1-Dichloropropene	ND	0.50	0.14	ug/L		ND				40	
1,2,3-Trichlorobenzene	ND	0.50	0.29	ug/L		ND				40	
1,2,3-Trichloropropane	ND	0.50	0.29	ug/L		ND				40	
1,2,4-Trichlorobenzene	ND	0.50	0.34	ug/L		ND				40	
1,2,4-Trimethylbenzene	ND	0.50	0.093	ug/L		ND				40	
1,2-Dichlorobenzene	ND	0.50	0.20	ug/L		ND				40	
1,2-Dichloroethane	ND	0.50	0.21	ug/L		ND				40	

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CA ELAP no. 1156
EPA no. CA00102



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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
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Analytical Report: Page 99 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: **A8C1524**

Received on Ice (Y/N): Yes Temp: 4 °C

Volatile Organic Compounds by EPA 8260B - Batch Quality Control

Analyte(s)	Result	RDL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 8C21023 - Purge and Trap											
Duplicate (8C21023-DUP1)		Source: A8C1517-01 Prepared & Analyzed: 03/21/08									
1,2-Dichloropropane	ND	0.50	0.50	ug/L		ND				40	
1,3,5-Trimethylbenzene	ND	0.50	0.079	ug/L		ND				40	
1,3-Dichlorobenzene	ND	0.50	0.15	ug/L		ND				40	
1,3-Dichloropropane	ND	0.50	0.22	ug/L		ND				40	
1,4-Dichlorobenzene	ND	0.50	0.072	ug/L		ND				40	
2,2-Dichloropropane	ND	0.50	0.49	ug/L		ND				40	
2-Butanone(MEK)	ND	5.0	1.2	ug/L		ND				40	
2-Chlorotoluene	ND	0.50	0.092	ug/L		ND				40	
4-Chlorotoluene	ND	0.50	0.095	ug/L		ND				40	
4-Methyl-2-Pentanone(MIBK)	ND	5.0	0.95	ug/L		ND				40	
Acetone	2.44	5.0	1.2	ug/L		2.34			4.18	40	J
Acrolein (EPA 8260B)	ND	10	3.7	ug/L		ND				40	
Acrylonitrile (EPA 8260B)	ND	10	3.3	ug/L		ND				40	
Benzene	ND	0.50	0.14	ug/L		ND				40	
Bromobenzene	ND	0.50	0.22	ug/L		ND				40	
Bromochloromethane	ND	0.50	0.33	ug/L		ND				40	
Bromodichloromethane	ND	0.50	0.50	ug/L		ND				40	
Bromoform	ND	0.50	0.13	ug/L		ND				40	
Bromomethane	ND	0.50	0.48	ug/L		ND				40	
Carbon Disulfide	ND	0.50	0.36	ug/L		ND				40	
Carbon Tetrachloride	ND	0.50	0.15	ug/L		ND				40	
Chlorobenzene	ND	0.50	0.23	ug/L		ND				40	
Chloroethane	ND	0.50	0.50	ug/L		ND				40	
Chloroform	ND	0.50	0.46	ug/L		ND				40	
Chloromethane	ND	0.50	0.36	ug/L		ND				40	
cis-1,2-Dichloroethene	ND	0.50	0.18	ug/L		ND				40	
cis-1,3-Dichloropropene	ND	0.50	0.30	ug/L		ND				40	
Dibromochloromethane	ND	0.50	0.37	ug/L		ND				40	
Dibromochloropropane	ND	5.0	0.44	ug/L		ND				40	
Dibromomethane	ND	0.50	0.50	ug/L		ND				40	
Dichlorodifluoromethane	ND	0.50	0.18	ug/L		ND				40	
Di-isopropyl ether	ND	3.0	0.24	ug/L		ND				40	
Ethyl tert-Butyl Ether	ND	3.0	0.29	ug/L		ND				40	
Ethylbenzene	ND	0.50	0.26	ug/L		ND				40	

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CA ELAP no. 1156
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Analytical Report: Page 100 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Work Order Number: A8C1524

Report Date: 03-Apr-2008

Received on Ice (Y/N): Yes Temp: 4 °C

Volatile Organic Compounds by EPA 8260B - Batch Quality Control

Table with columns: Analyte(s), Result, RDL, MDL, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Flag. Includes data for Batch 8C21023 - Purge and Trap and surrogate compounds.

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Analytical Report: Page 101 of 114
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Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Volatile Organic Compounds by EPA 8260B - Batch Quality Control

Analyte(s)	Result	RDL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 8C21023 - Purge and Trap											
Matrix Spike (8C21023-MS1)			Source: A8C1511-01			Prepared & Analyzed: 03/21/08					
1,1-Dichloroethane	22.6	0.50	0.098	ug/L	25.0	ND	90.2	57-136			
1,1-Dichloroethene	25.1	0.50	0.12	ug/L	25.0	ND	100	55-134			
1,4-Dichlorobenzene	21.8	0.50	0.072	ug/L	25.0	ND	87.0	67-130			
Benzene	22.4	0.50	0.14	ug/L	25.0	ND	89.8	70-130			
Bromodichloromethane	27.3	0.50	0.50	ug/L	25.0	ND	109	55-136			
Bromoform	28.0	0.50	0.13	ug/L	25.0	ND	112	39-151			
Chloroform	25.2	0.50	0.46	ug/L	25.0	0.910	97.2	68-133			
Dibromochloromethane	26.6	0.50	0.37	ug/L	25.0	ND	106	53-133			
Ethylbenzene	23.8	0.50	0.26	ug/L	25.0	ND	95.3	70-143			
Methyl tert butyl Ether	23.5	3.0	0.43	ug/L	25.0	0.600	91.5	70-130			
Tetrachloroethene	27.4	0.50	0.17	ug/L	25.0	ND	110	63-132			
Toluene	23.9	0.50	0.22	ug/L	25.0	ND	95.7	70-130			
Trichloroethene	31.1	0.50	0.50	ug/L	25.0	7.74	93.6	70-130			
Vinyl Chloride	24.2	0.50	0.13	ug/L	25.0	ND	96.8	60-130			
Xylenes (m+p)	48.3	0.50	0.36	ug/L	50.0	ND	96.7	70-147			
Xylenes (ortho)	24.4	0.50	0.41	ug/L	25.0	ND	97.5	69-147			
Surrogate: 1,2-Dichloroethane-d4	109			ug/L	100		109	80-124			
Surrogate: Bromofluorobenzene	107			ug/L	100		107	71-149			
Surrogate: Toluene-d8	102			ug/L	100		102	80-120			

Batch 8C24027 - Purge and Trap

Blank (8C24027-BLK1)				Prepared & Analyzed: 03/24/08							
1,1,1,2-Tetrachloroethane	ND	0.50	0.14	ug/L							
1,1,1-Trichloroethane	ND	0.50	0.12	ug/L							
1,1,2,2-Tetrachloroethane	ND	0.50	0.29	ug/L							
1,1,2-Trichloroethane	ND	0.50	0.31	ug/L							
1,1-Dichloroethane	ND	0.50	0.098	ug/L							
1,1-Dichloroethene	ND	0.50	0.12	ug/L							
1,1-Dichloropropene	ND	0.50	0.14	ug/L							
1,2,3-Trichlorobenzene	ND	0.50	0.29	ug/L							
1,2,3-Trichloropropane	ND	0.50	0.29	ug/L							
1,2,4-Trichlorobenzene	ND	0.50	0.34	ug/L							
1,2,4-Trimethylbenzene	ND	0.50	0.093	ug/L							
1,2-Dichlorobenzene	ND	0.50	0.20	ug/L							

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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
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Analytical Report: Page 102 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Work Order Number: A8C1524

Report Date: 03-Apr-2008

Received on Ice (Y/N): Yes Temp: 4 °C

Volatile Organic Compounds by EPA 8260B - Batch Quality Control

Analyte(s)	Result	RDL	MDL	Units	Spike Level	Source Result	%REC %REC	Limit	RPD RPD	Limit	Flag
Batch 8C24027 - Purge and Trap											
Blank (8C24027-BLK1)					Prepared & Analyzed: 03/24/08						
1,2-Dichloroethane	ND	0.50	0.21	ug/L							
1,2-Dichloropropane	ND	0.50	0.50	ug/L							
1,3,5-Trimethylbenzene	ND	0.50	0.079	ug/L							
1,3-Dichlorobenzene	ND	0.50	0.15	ug/L							
1,3-Dichloropropane	ND	0.50	0.22	ug/L							
1,4-Dichlorobenzene	ND	0.50	0.072	ug/L							
2,2-Dichloropropane	ND	0.50	0.49	ug/L							
2-Butanone(MEK)	ND	5.0	1.2	ug/L							
2-Chloroethylvinyl Ether	ND	5.0	2.5	ug/L							QCEVE
2-Chlorotoluene	ND	0.50	0.092	ug/L							
4-Chlorotoluene	ND	0.50	0.095	ug/L							
4-Methyl-2-Pentanone(MIBK)	ND	5.0	0.95	ug/L							
Acetone	3.24	5.0	1.2	ug/L							J
Acrolein (EPA 8260B)	ND	10	3.7	ug/L							
Acrylonitrile (EPA 8260B)	ND	10	3.3	ug/L							
Benzene	ND	0.50	0.14	ug/L							
Bromobenzene	ND	0.50	0.22	ug/L							
Bromochloromethane	ND	0.50	0.33	ug/L							
Bromodichloromethane	ND	0.50	0.50	ug/L							
Bromoform	ND	0.50	0.13	ug/L							
Bromomethane	ND	0.50	0.48	ug/L							
Carbon Disulfide	ND	0.50	0.36	ug/L							
Carbon Tetrachloride	ND	0.50	0.15	ug/L							
Chlorobenzene	ND	0.50	0.23	ug/L							
Chloroethane	ND	0.50	0.50	ug/L							
Chloroform	ND	0.50	0.46	ug/L							
Chloromethane	ND	0.50	0.36	ug/L							
cis-1,2-Dichloroethene	ND	0.50	0.18	ug/L							
cis-1,3-Dichloropropene	ND	0.50	0.30	ug/L							
Dibromochloromethane	ND	0.50	0.37	ug/L							
Dibromochloropropane	ND	5.0	0.44	ug/L							
Dibromomethane	ND	0.50	0.50	ug/L							
Dichlorodifluoromethane	ND	0.50	0.18	ug/L							
Di-isopropyl ether	ND	3.0	0.24	ug/L							

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Analytical Report: Page 103 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Report Date: 03-Apr-2008

Work Order Number: A8C1524

Received on Ice (Y/N): Yes Temp: 4 °C

Volatile Organic Compounds by EPA 8260B - Batch Quality Control

Table with columns: Analyte(s), Result, RDL, MDL, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Flag. Includes data for various compounds like Ethyl tert-Butyl Ether, Ethylbenzene, etc., and surrogate standards.

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Analytical Report: Page 104 of 114
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Project Number: Stringfellow

Work Order Number: A8C1524

Report Date: 03-Apr-2008

Received on Ice (Y/N): Yes Temp: 4 °C

Volatile Organic Compounds by EPA 8260B - Batch Quality Control

Analyte(s)	Result	RDL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 8C24027 - Purge and Trap											
LCS (8C24027-BS1)				Prepared & Analyzed: 03/24/08							
1,1-Dichloroethane	23.9	0.50	0.098	ug/L	25.0		95.6	76-130			
1,1-Dichloroethene	25.5	0.50	0.12	ug/L	25.0		102	70-130			
1,4-Dichlorobenzene	23.2	0.50	0.072	ug/L	25.0		92.6	79-130			
Benzene	23.3	0.50	0.14	ug/L	25.0		93.4	70-130			
Bromodichloromethane	28.5	0.50	0.50	ug/L	25.0		114	70-132			
Bromoform	29.3	0.50	0.13	ug/L	25.0		117	65-141			
Chloroform	25.2	0.50	0.46	ug/L	25.0		101	70-130			
Dibromochloromethane	28.0	0.50	0.37	ug/L	25.0		112	70-130			
Ethylbenzene	23.9	0.50	0.26	ug/L	25.0		95.6	70-136			
Methyl tert butyl Ether	24.6	3.0	0.43	ug/L	25.0		98.4	70-130			
Tetrachloroethene	28.6	0.50	0.17	ug/L	25.0		114	70-130			
Toluene	24.8	0.50	0.22	ug/L	25.0		99.4	70-130			
Trichloroethene	24.4	0.50	0.50	ug/L	25.0		97.5	70-130			
Vinyl Chloride	24.2	0.50	0.13	ug/L	25.0		97.0	60-130			
Xylenes (m+p)	49.6	0.50	0.36	ug/L	50.0		99.3	70-137			
Xylenes (ortho)	25.0	0.50	0.41	ug/L	25.0		100	70-136			
Surrogate: 1,2-Dichloroethane-d4	107			ug/L	100		107	80-124			
Surrogate: Bromofluorobenzene	105			ug/L	100		105	71-149			
Surrogate: Toluene-d8	102			ug/L	100		102	80-120			
LCS Dup (8C24027-BSD1)				Prepared & Analyzed: 03/24/08							
1,1-Dichloroethane	23.1	0.50	0.098	ug/L	25.0		92.2	76-130	3.54	20	
1,1-Dichloroethene	23.9	0.50	0.12	ug/L	25.0		95.6	70-130	6.60	20	
1,4-Dichlorobenzene	23.1	0.50	0.072	ug/L	25.0		92.4	79-130	0.303	20	
Benzene	22.3	0.50	0.14	ug/L	25.0		89.0	70-130	4.74	20	
Bromodichloromethane	27.6	0.50	0.50	ug/L	25.0		111	70-132	3.10	20	
Bromoform	28.6	0.50	0.13	ug/L	25.0		114	65-141	2.66	20	
Chloroform	24.4	0.50	0.46	ug/L	25.0		97.6	70-130	3.11	20	
Dibromochloromethane	27.6	0.50	0.37	ug/L	25.0		110	70-130	1.47	20	
Ethylbenzene	23.7	0.50	0.26	ug/L	25.0		94.8	70-136	0.924	20	
Methyl tert butyl Ether	24.6	3.0	0.43	ug/L	25.0		98.6	70-130	0.162	20	
Tetrachloroethene	27.6	0.50	0.17	ug/L	25.0		110	70-130	3.60	20	
Toluene	24.0	0.50	0.22	ug/L	25.0		95.8	70-130	3.61	20	
Trichloroethene	23.8	0.50	0.50	ug/L	25.0		95.2	70-130	2.41	20	

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Analytical Report: Page 105 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Work Order Number: A8C1524

Report Date: 03-Apr-2008

Received on Ice (Y/N): Yes Temp: 4 °C

Volatile Organic Compounds by EPA 8260B - Batch Quality Control

Table with columns: Analyte(s), Result, RDL, MDL, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Flag. Includes sections for Batch 8C24027 - Purge and Trap, LCS Dup (8C24027-BSD1), Matrix Spike (8C24027-MS1), and various chemical analytes with their respective results and limits.

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Analytical Report: Page 106 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Work Order Number: A8C1524

Report Date: 03-Apr-2008

Received on Ice (Y/N): Yes Temp: 4 °C

Volatile Organic Compounds by EPA 8260B - Batch Quality Control

Table with columns: Analyte(s), Result, RDL, MDL, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Flag. Includes data for various compounds like 1,1,1,2-Tetrachloroethane, Benzene, and Acetone.

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Analytical Report: Page 107 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Work Order Number: A8C1524

Report Date: 03-Apr-2008

Received on Ice (Y/N): Yes Temp: 4 °C

Volatile Organic Compounds by EPA 8260B - Batch Quality Control

Analyte(s)	Result	RDL	MDL	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Flag
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Batch 8C28029 - Purge and Trap

Prepared: 03/28/08 Analyzed: 03/30/08

Blank (8C28029-BLK1)

Carbon Tetrachloride	ND	0.50	0.15	ug/L
Chlorobenzene	ND	0.50	0.23	ug/L
Chloroethane	ND	0.50	0.50	ug/L
Chloroform	ND	0.50	0.46	ug/L
Chloromethane	ND	0.50	0.36	ug/L
cis-1,2-Dichloroethene	ND	0.50	0.18	ug/L
cis-1,3-Dichloropropene	ND	0.50	0.30	ug/L
Dibromochloromethane	ND	0.50	0.37	ug/L
Dibromochloropropane	ND	5.0	0.44	ug/L
Dibromomethane	ND	0.50	0.50	ug/L
Dichlorodifluoromethane	ND	0.50	0.18	ug/L
Di-isopropyl ether	ND	3.0	0.24	ug/L
Ethyl tert-Butyl Ether	ND	3.0	0.29	ug/L
Ethylbenzene	ND	0.50	0.26	ug/L
Ethylene dibromide	ND	5.0	0.14	ug/L
Hexachlorobutadiene	0.380	0.50	0.21	ug/L
Isopropylbenzene	ND	0.50	0.36	ug/L
Methyl tert butyl Ether	ND	3.0	0.43	ug/L
Methylene Chloride	ND	0.50	0.50	ug/L
Naphthalene	ND	0.50	0.44	ug/L
n-Butylbenzene	ND	0.50	0.15	ug/L
n-Propylbenzene	ND	0.50	0.15	ug/L
p-Isopropyltoluene	ND	0.50	0.084	ug/L
sec-Butylbenzene	ND	0.50	0.12	ug/L
Styrene	ND	0.50	0.22	ug/L
tert-Amyl Methyl Ether	ND	3.0	0.37	ug/L
tert-Butyl alcohol	ND	2.0	1.5	ug/L
tert-Butylbenzene	ND	0.50	0.21	ug/L
Tetrachloroethene	ND	0.50	0.17	ug/L
Toluene	ND	0.50	0.22	ug/L
trans-1,2-Dichloroethene	ND	0.50	0.10	ug/L
trans-1,3-Dichloropropene	ND	0.50	0.24	ug/L
Trichloroethene	ND	0.50	0.50	ug/L
Trichlorofluoromethane	ND	5.0	0.16	ug/L

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NELAP no. 02101CA
CA ELAP no. 1156
EPA no. CA00102



E.S.BABCOCK& Sons, Inc.
Environmental Laboratories *est. 1906*

Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
San Bernardino, CA 92408

Analytical Report: Page 108 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Work Order Number: A8C1524

Report Date: 03-Apr-2008

Received on Ice (Y/N): Yes Temp: 4 °C

Volatile Organic Compounds by EPA 8260B - Batch Quality Control

Analyte(s)	Result	RDL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 8C28029 - Purge and Trap											
Blank (8C28029-BLK1)					Prepared: 03/28/08 Analyzed: 03/30/08						
Trichlorotrifluoroethane	ND	10	0.25	ug/L							
Vinyl Acetate	ND	10	0.48	ug/L							
Vinyl Chloride	ND	0.50	0.13	ug/L							
Xylenes (m+p)	ND	0.50	0.36	ug/L							
Xylenes (ortho)	ND	0.50	0.41	ug/L							
Xylenes (Total)	ND	0.50	0.41	ug/L							
Surrogate: 1,2-Dichloroethane-d4	109			ug/L	100		109	80-124			
Surrogate: Bromofluorobenzene	101			ug/L	100		101	71-149			
Surrogate: Toluene-d8	101			ug/L	100		101	80-120			
LCS (8C28029-BS1)					Prepared: 03/28/08 Analyzed: 03/29/08						
1,1-Dichloroethane	24.2	0.50	0.098	ug/L	25.0		96.7	76-130			
1,1-Dichloroethene	20.5	0.50	0.12	ug/L	25.0		81.9	70-130			
1,4-Dichlorobenzene	23.5	0.50	0.072	ug/L	25.0		94.0	79-130			
Benzene	23.8	0.50	0.14	ug/L	25.0		95.0	70-130			
Bromodichloromethane	25.3	0.50	0.50	ug/L	25.0		101	70-132			
Bromoform	24.6	0.50	0.13	ug/L	25.0		98.4	65-141			
Chloroform	24.6	0.50	0.46	ug/L	25.0		98.6	70-130			
Dibromochloromethane	25.0	0.50	0.37	ug/L	25.0		99.9	70-130			
Ethylbenzene	24.9	0.50	0.26	ug/L	25.0		99.8	70-136			
Methyl tert butyl Ether	23.9	3.0	0.43	ug/L	25.0		95.5	70-130			
Tetrachloroethene	24.3	0.50	0.17	ug/L	25.0		97.2	70-130			
Toluene	24.4	0.50	0.22	ug/L	25.0		97.8	70-130			
Trichloroethene	23.5	0.50	0.50	ug/L	25.0		94.2	70-130			
Vinyl Chloride	16.1	0.50	0.13	ug/L	25.0		64.4	60-130			
Xylenes (m+p)	51.8	0.50	0.36	ug/L	50.0		104	70-137			
Xylenes (ortho)	25.0	0.50	0.41	ug/L	25.0		100	70-136			
Surrogate: 1,2-Dichloroethane-d4	102			ug/L	100		102	80-124			
Surrogate: Bromofluorobenzene	103			ug/L	100		103	71-149			
Surrogate: Toluene-d8	107			ug/L	100		107	80-120			

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NELAP no. 02101CA
CA ELAP no. 1156
EPA no. CA00102



E.S.BABCOCK&Sons,Inc.

Environmental Laboratories est. 1906

Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
San Bernardino, CA 92408

Analytical Report: Page 109 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Work Order Number: A8C1524

Report Date: 03-Apr-2008

Received on Ice (Y/N): Yes Temp: 4 °C

Volatile Organic Compounds by EPA 8260B - Batch Quality Control

Table with columns: Analyte(s), Result, RDL, MDL, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Flag. Includes sections for Batch 8C28029 - Purge and Trap, LCS Dup (8C28029-BSD1), and Duplicate (8C28029-DUP1).

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E.S.BABCOCK & Sons, Inc.
Environmental Laboratories *est. 1906*

Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
San Bernardino, CA 92408

Analytical Report: Page 110 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Work Order Number: A8C1524

Report Date: 03-Apr-2008

Received on Ice (Y/N): Yes Temp: 4 °C

Volatile Organic Compounds by EPA 8260B - Batch Quality Control

Analyte(s)	Result	RDL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 8C28029 - Purge and Trap											
Duplicate (8C28029-DUP1)		Source: A8C2046-01 Prepared: 03/28/08 Analyzed: 03/30/08									
1,2-Dichloropropane	ND	0.50	0.50	ug/L		ND				40	
1,3,5-Trimethylbenzene	ND	0.50	0.079	ug/L		ND				40	
1,3-Dichlorobenzene	ND	0.50	0.15	ug/L		ND				40	
1,3-Dichloropropane	ND	0.50	0.22	ug/L		ND				40	
1,4-Dichlorobenzene	ND	0.50	0.072	ug/L		ND				40	
2,2-Dichloropropane	ND	0.50	0.49	ug/L		ND				40	
2-Butanone(MEK)	ND	5.0	1.2	ug/L		ND				40	
2-Chlorotoluene	ND	0.50	0.092	ug/L		ND				40	
4-Chlorotoluene	ND	0.50	0.095	ug/L		ND				40	
4-Methyl-2-Pentanone(MIBK)	ND	5.0	0.95	ug/L		ND				40	
Acetone	ND	5.0	1.2	ug/L		ND				40	
Acrolein (EPA 8260B)	ND	10	3.7	ug/L		ND				40	
Acrylonitrile (EPA 8260B)	ND	10	3.3	ug/L		ND				40	
Benzene	ND	0.50	0.14	ug/L		ND				40	
Bromobenzene	ND	0.50	0.22	ug/L		ND				40	
Bromochloromethane	ND	0.50	0.33	ug/L		ND				40	
Bromodichloromethane	ND	0.50	0.50	ug/L		ND				40	
Bromoform	ND	0.50	0.13	ug/L		ND				40	
Bromomethane	ND	0.50	0.48	ug/L		ND				40	
Carbon Disulfide	ND	0.50	0.36	ug/L		ND				40	
Carbon Tetrachloride	ND	0.50	0.15	ug/L		ND				40	
Chlorobenzene	ND	0.50	0.23	ug/L		ND				40	
Chloroethane	ND	0.50	0.50	ug/L		ND				40	
Chloroform	0.910	0.50	0.46	ug/L		0.970			6.38	40	
Chloromethane	ND	0.50	0.36	ug/L		ND				40	
cis-1,2-Dichloroethene	ND	0.50	0.18	ug/L		ND				40	
cis-1,3-Dichloropropene	ND	0.50	0.30	ug/L		ND				40	
Dibromochloromethane	ND	0.50	0.37	ug/L		ND				40	
Dibromochloropropane	ND	5.0	0.44	ug/L		ND				40	
Dibromomethane	ND	0.50	0.50	ug/L		ND				40	
Dichlorodifluoromethane	ND	0.50	0.18	ug/L		ND				40	
Di-isopropyl ether	ND	3.0	0.24	ug/L		ND				40	
Ethyl tert-Butyl Ether	ND	3.0	0.29	ug/L		ND				40	
Ethylbenzene	ND	0.50	0.26	ug/L		ND				40	

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E.S.BABCOCK & Sons, Inc.

Environmental Laboratories est. 1906

Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
San Bernardino, CA 92408

Analytical Report: Page 111 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Work Order Number: A8C1524

Report Date: 03-Apr-2008

Received on Ice (Y/N): Yes Temp: 4 °C

Volatile Organic Compounds by EPA 8260B - Batch Quality Control

Table with columns: Analyte(s), Result, RDL, MDL, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Flag. Includes data for various compounds like Ethylene dibromide, Hexachlorobutadiene, etc., and surrogate standards.

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Analytical Report: Page 112 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Work Order Number: A8C1524

Report Date: 03-Apr-2008

Received on Ice (Y/N): Yes Temp: 4 °C

Volatile Organic Compounds by EPA 8260B - Batch Quality Control

Analyte(s)	Result	RDL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 8C28029 - Purge and Trap											
Matrix Spike (8C28029-MS1)			Source: A8C2044-05		Prepared: 03/28/08		Analyzed: 03/30/08				
1,1-Dichloroethane	24.5	0.50	0.098	ug/L	25.0	ND	97.9	57-136			
1,1-Dichloroethene	23.8	0.50	0.12	ug/L	25.0	ND	95.3	55-134			
1,4-Dichlorobenzene	21.3	0.50	0.072	ug/L	25.0	ND	85.3	67-130			
Benzene	22.8	0.50	0.14	ug/L	25.0	ND	91.4	70-130			
Bromodichloromethane	25.1	0.50	0.50	ug/L	25.0	ND	100	55-136			
Bromoform	23.0	0.50	0.13	ug/L	25.0	ND	91.8	39-151			
Chloroform	24.8	0.50	0.46	ug/L	25.0	ND	99.2	68-133			
Dibromochloromethane	23.9	0.50	0.37	ug/L	25.0	ND	95.8	53-133			
Ethylbenzene	22.4	0.50	0.26	ug/L	25.0	ND	89.5	70-143			
Methyl tert butyl Ether	23.3	3.0	0.43	ug/L	25.0	ND	93.2	70-130			
Tetrachloroethene	21.4	0.50	0.17	ug/L	25.0	ND	85.7	63-132			
Toluene	23.4	0.50	0.22	ug/L	25.0	ND	93.4	70-130			
Trichloroethene	22.2	0.50	0.50	ug/L	25.0	ND	89.0	70-130			
Vinyl Chloride	21.7	0.50	0.13	ug/L	25.0	ND	86.8	60-130			
Xylenes (m+p)	46.8	0.50	0.36	ug/L	50.0	ND	93.6	70-147			
Xylenes (ortho)	23.2	0.50	0.41	ug/L	25.0	ND	93.0	69-147			
Surrogate: 1,2-Dichloroethane-d4	108			ug/L	100		108	80-124			
Surrogate: Bromofluorobenzene	103			ug/L	100		103	71-149			
Surrogate: Toluene-d8	106			ug/L	100		106	80-120			



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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
San Bernardino, CA 92408

Analytical Report: Page 113 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

Work Order Number: A8C1524

Report Date: 03-Apr-2008

Received on Ice (Y/N): Yes Temp: 4 °C

Notes and Definitions

- J Estimated value
- N_RLm Due to sample matrix, the reporting limit has been raised.
- NCEVE In an acidified sample, this compound degrades and is not detectable as 2-Chloroethylvinyl ether. Its degradation product is 2-Chloroethanol, which is not an analyte of this method.
- NShiP The data was accepted based on valid recovery of the remaining surrogate(s). This surrogate recovery was above laboratory acceptance limits.
- PblkJ The analyte was detected in the Method Blank at a concentration between the MDL and the MRL.
- QCEVE In an acidified sample, this compound degrades and is not detectable as 2-Chloroethylvinyl ether. Its degradation product is 2-Chloroethanol, which is not an analyte of this method.
- QFpas Follow-up result within laboratory acceptance criteria.
- QMout MS and/or MSD recovery did not meet laboratory acceptance criteria.
- QRPDc The RPD value for the LCS/LCSD did not meet laboratory acceptance criteria.
- ND: Analyte NOT DETECTED at or above the Method Detection Limit (**if MDL is reported**), otherwise at or above the Reportable Detection Limit (RDL)
- NR: Not Reported
- RDL: Reportable Detection Limit
- MDL: Method Detection Limit

* / (Non-NELAP): NELAP does not offer accreditation for this analyte/method/matrix combination



E.S.BABCOCK& Sons, Inc.
Environmental Laboratories *est. 1906*

Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
San Bernardino, CA 92408

Analytical Report: Page 114 of 114
Project Name: Stringfellow Project
Project Number: Stringfellow

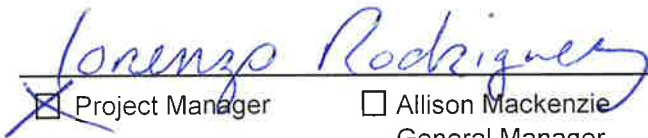
Work Order Number: A8C1524

Report Date: 03-Apr-2008

Received on Ice (Y/N): Yes Temp: 4 °C

Approval

Enclosed are the analytical results for the submitted sample(s). Babcock Laboratories certify the data presented as part of this report meet the minimum quality standards in the referenced analytical methods. Any exceptions have been noted. Babcock Laboratories and its officers and employees assume no responsibility and make no warranty, express or implied, for uses or interpretations made by any recipients, intended or unintended, of this report.


 Project Manager

Allison Mackenzie
General Manager

Lawrence J. Chrystal
Laboratory Director

cc:

ESB_mdl_5_5 Report

Chain of Custody & Sample Information Record

Address: 5100 Quail Valley Ct Riverside CA 92507
 Phone/Fax: (951) 653-3351 * FAX (951) 653-1662
 Client: GeoLogic
 Project Name: Stringfellow HydraSleeve Sampling
 Project Location: Riverside CA

Contact: Mike Reason Phone: (909) 383-8728
 Turn Around Time: 14 Days (Rushes Require Approval, Additional Charges May Apply)

to together 201 10:20:07 10:21:07 3/18/08

Sampler Information				# of Containers & Presevatives								Sample Type			Analysis Requested						Matrix	Notes
Name: Neal Beaty				Unpreserved	H2SO4	HCl	HNO3	Na2SO3	NaOH	ZnAce/NaOH	NH4Cl	Total # of Containers	Routine	Resample	Special	8260B	EPA 314.0	EPA 331.0	DW = Drinking Water WW = Wastewater GW = Groundwater S = Soil SG = Sludge L = Liquid M = Miscellaneous			
Employer: Bryan A. Stirrat & Associates																					Signature:	
LOCATION ID	Depth	Date	Time																			
A OC-11B	71	3/17/2008	7:40 PM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Groundwater	
A OW-68D1	53	3/18/2008	12:30 PM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Groundwater	
A OW-68D1	53	3/18/2008	12:45 PM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Groundwater	
A OW-68D1	56	3/18/2008	1:30 PM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Groundwater	
A OW-68D1 MSMSD	56	3/18/2008	1:35 PM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Groundwater	
A FB	0	3/18/2008	2:00 PM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Groundwater	
A TB cancel	0	3/17/2008	12:00 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Groundwater	
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

NO TB'S Rec'd
 (AB) 3/18/08

Relinquished by (Name/Sign)	Company	Date	Time	22	Received By (Name/Sign)	Company
<i>Neal Beaty</i>	BAS	3/18/08	1620		<i>Angie Brown</i>	Angie Brown/ESB

Sample Integrity Upon Receipt (For Lab Use Only) Sample(s) Submitted on Ice? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Custody Seal(s) Intact? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Sample(s) Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Temperature: <u>4</u> °C	Lab Notes * Time on bottle 12:45. (AB) 3/18/08
		Lab No: <u>A8C1524</u> Page 3 of 3

!!! SAMPLE TIME WAS CORRECTED
 BACK TO 12:45. CHANGED
 BASED ON REVISED COCs
 SUBMITTED BY NEAL BEATY.
 12/03/19/08

MAR 18 2008



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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
San Bernardino, CA 92408

Analytical Report: Page 2 of 61
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Report Date: 13-May-2008

Work Order Number: A8D2117

Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number
A8D2117-01

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
FC-1020A Zone 4 Stringfellow	Liquid	04/23/08 08:55	04/23/08 15:05

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Anions								
Sulfate	84	2.5	0.84	mg/L	EPA 300.0	04/24/08 11:17	JC	
Nitrate as N	10	1.0	0.54	mg/L	EPA 300.0	04/24/08 11:17	JC	
General Inorganics								
Perchlorate	13	4.0	2.3	ug/L	EPA 314.0	05/02/08 03:34	AA	
Volatile Organic Compounds by EPA 8260B								
1,1,1,2-Tetrachloroethane	ND	0.50	0.14	ug/L	EPA 8260B	04/26/08 09:42	JES	
1,1,1-Trichloroethane	ND	0.50	0.12	ug/L	EPA 8260B	04/26/08 09:42	JES	
1,1,2,2-Tetrachloroethane	ND	0.50	0.29	ug/L	EPA 8260B	04/26/08 09:42	JES	
1,1,2-Trichloroethane	ND	0.50	0.31	ug/L	EPA 8260B	04/26/08 09:42	JES	
1,1-Dichloroethane	ND	0.50	0.098	ug/L	EPA 8260B	04/26/08 09:42	JES	
1,1-Dichloroethene	ND	0.50	0.12	ug/L	EPA 8260B	04/26/08 09:42	JES	
1,1-Dichloropropene	ND	0.50	0.14	ug/L	EPA 8260B	04/26/08 09:42	JES	
1,2,3-Trichlorobenzene	ND	0.50	0.29	ug/L	EPA 8260B	04/26/08 09:42	JES	
1,2,3-Trichloropropane	ND	0.50	0.29	ug/L	EPA 8260B	04/26/08 09:42	JES	
1,2,4-Trichlorobenzene	ND	0.50	0.34	ug/L	EPA 8260B	04/26/08 09:42	JES	
1,2,4-Trimethylbenzene	ND	0.50	0.093	ug/L	EPA 8260B	04/26/08 09:42	JES	
1,2-Dichlorobenzene	ND	0.50	0.20	ug/L	EPA 8260B	04/26/08 09:42	JES	
1,2-Dichloroethane	ND	0.50	0.21	ug/L	EPA 8260B	04/26/08 09:42	JES	
1,2-Dichloropropane	ND	0.50	0.50	ug/L	EPA 8260B	04/26/08 09:42	JES	
1,3,5-Trimethylbenzene	ND	0.50	0.079	ug/L	EPA 8260B	04/26/08 09:42	JES	
1,3-Dichlorobenzene	ND	0.50	0.15	ug/L	EPA 8260B	04/26/08 09:42	JES	
1,3-Dichloropropane	ND	0.50	0.22	ug/L	EPA 8260B	04/26/08 09:42	JES	
1,4-Dichlorobenzene	ND	0.50	0.072	ug/L	EPA 8260B	04/26/08 09:42	JES	
2,2-Dichloropropane	ND	0.50	0.49	ug/L	EPA 8260B	04/26/08 09:42	JES	
2-Butanone(MEK)	ND	5.0	1.2	ug/L	EPA 8260B	04/26/08 09:42	JES	

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CA ELAP no. 1156
EPA no. CA00102



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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
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Analytical Report: Page 3 of 61
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Report Date: 13-May-2008

Work Order Number: A8D2117

Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number
A8D2117-01

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
FC-1020A Zone 4 Stringfellow	Liquid	04/23/08 08:55	04/23/08 15:05

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B								
2-Chloroethylvinyl Ether	ND	5.0	2.5	ug/L	EPA 8260B	04/26/08 09:42	JES	NCEVE
2-Chlorotoluene	ND	0.50	0.092	ug/L	EPA 8260B	04/26/08 09:42	JES	
4-Chlorotoluene	ND	0.50	0.095	ug/L	EPA 8260B	04/26/08 09:42	JES	
4-Methyl-2-Pentanone(MIBK)	ND	5.0	0.95	ug/L	EPA 8260B	04/26/08 09:42	JES	
Acetone	5.2	5.0	5.0	ug/L	EPA 8260B	04/26/08 09:42	JES	NCALh
Acrolein (EPA 8260B)	ND	10	3.7	ug/L	EPA 8260B	04/26/08 09:42	JES	
Acrylonitrile (EPA 8260B)	ND	10	3.3	ug/L	EPA 8260B	04/26/08 09:42	JES	
Benzene	ND	0.50	0.14	ug/L	EPA 8260B	04/26/08 09:42	JES	
Bromobenzene	ND	0.50	0.22	ug/L	EPA 8260B	04/26/08 09:42	JES	
Bromochloromethane	ND	0.50	0.33	ug/L	EPA 8260B	04/26/08 09:42	JES	
Bromodichloromethane	ND	0.50	0.50	ug/L	EPA 8260B	04/26/08 09:42	JES	
Bromoform	ND	0.50	0.13	ug/L	EPA 8260B	04/26/08 09:42	JES	
Bromomethane	ND	0.50	0.48	ug/L	EPA 8260B	04/26/08 09:42	JES	
Carbon Disulfide	ND	0.50	0.36	ug/L	EPA 8260B	04/26/08 09:42	JES	
Carbon Tetrachloride	ND	0.50	0.15	ug/L	EPA 8260B	04/26/08 09:42	JES	
Chlorobenzene	ND	0.50	0.23	ug/L	EPA 8260B	04/26/08 09:42	JES	
Chloroethane	ND	0.50	0.50	ug/L	EPA 8260B	04/26/08 09:42	JES	
Chloroform	ND	0.50	0.46	ug/L	EPA 8260B	04/26/08 09:42	JES	
Chloromethane	ND	0.50	0.36	ug/L	EPA 8260B	04/26/08 09:42	JES	
cis-1,2-Dichloroethene	ND	0.50	0.18	ug/L	EPA 8260B	04/26/08 09:42	JES	
cis-1,3-Dichloropropene	ND	0.50	0.30	ug/L	EPA 8260B	04/26/08 09:42	JES	
Dibromochloromethane	ND	0.50	0.37	ug/L	EPA 8260B	04/26/08 09:42	JES	
Dibromochloropropane	ND	5.0	0.44	ug/L	EPA 8260B	04/26/08 09:42	JES	
Dibromomethane	ND	0.50	0.50	ug/L	EPA 8260B	04/26/08 09:42	JES	
Dichlorodifluoromethane	ND	0.50	0.18	ug/L	EPA 8260B	04/26/08 09:42	JES	
Di-isopropyl ether	ND	3.0	0.24	ug/L	EPA 8260B	04/26/08 09:42	JES	

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EPA no. CA00102



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Client Name: GeoLogic Associates-SB
 Contact: Mike Reason
 Address: 1831 Commercenter East
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Analytical Report: Page 4 of 61
 Project Name: Stringfellow - Total
 Project Number: 3264-SF-T

Work Order Number: A8D2117

Report Date: 13-May-2008

Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number
A8D2117-01

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
FC-1020A Zone 4 Stringfellow	Liquid	04/23/08 08:55	04/23/08 15:05

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B								
Ethyl tert-Butyl Ether	ND	3.0	0.29	ug/L	EPA 8260B	04/26/08 09:42	JES	
Ethylbenzene	ND	0.50	0.26	ug/L	EPA 8260B	04/26/08 09:42	JES	
Ethylene dibromide	ND	5.0	0.14	ug/L	EPA 8260B	04/26/08 09:42	JES	
Hexachlorobutadiene	ND	0.50	0.21	ug/L	EPA 8260B	04/26/08 09:42	JES	
Isopropylbenzene	ND	0.50	0.36	ug/L	EPA 8260B	04/26/08 09:42	JES	
Methyl tert butyl Ether	ND	3.0	0.43	ug/L	EPA 8260B	04/26/08 09:42	JES	
Methylene Chloride	ND	0.50	0.50	ug/L	EPA 8260B	04/26/08 09:42	JES	
Naphthalene	ND	0.50	0.44	ug/L	EPA 8260B	04/26/08 09:42	JES	
n-Butylbenzene	ND	0.50	0.15	ug/L	EPA 8260B	04/26/08 09:42	JES	
n-Propylbenzene	ND	0.50	0.15	ug/L	EPA 8260B	04/26/08 09:42	JES	
p-Isopropyltoluene	ND	0.50	0.084	ug/L	EPA 8260B	04/26/08 09:42	JES	
sec-Butylbenzene	ND	0.50	0.12	ug/L	EPA 8260B	04/26/08 09:42	JES	
Styrene	ND	0.50	0.22	ug/L	EPA 8260B	04/26/08 09:42	JES	
tert-Amyl Methyl Ether	ND	3.0	0.37	ug/L	EPA 8260B	04/26/08 09:42	JES	
tert-Butyl alcohol	ND	2.0	1.5	ug/L	EPA 8260B	04/26/08 09:42	JES	
tert-Butylbenzene	ND	0.50	0.21	ug/L	EPA 8260B	04/26/08 09:42	JES	
Tetrachloroethene	ND	0.50	0.17	ug/L	EPA 8260B	04/26/08 09:42	JES	
Toluene	ND	0.50	0.22	ug/L	EPA 8260B	04/26/08 09:42	JES	
trans-1,2-Dichloroethene	ND	0.50	0.10	ug/L	EPA 8260B	04/26/08 09:42	JES	
trans-1,3-Dichloropropene	ND	0.50	0.24	ug/L	EPA 8260B	04/26/08 09:42	JES	
Trichloroethene	0.72	0.50	0.50	ug/L	EPA 8260B	04/26/08 09:42	JES	
Trichlorofluoromethane	ND	5.0	0.16	ug/L	EPA 8260B	04/26/08 09:42	JES	
Trichlorotrifluoroethane	ND	10	0.25	ug/L	EPA 8260B	04/26/08 09:42	JES	
Vinyl Acetate	ND	10	0.48	ug/L	EPA 8260B	04/26/08 09:42	JES	
Vinyl Chloride	ND	0.50	0.13	ug/L	EPA 8260B	04/26/08 09:42	JES	
Xylenes (m+p)	ND	0.50	0.36	ug/L	EPA 8260B	04/26/08 09:42	JES	

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Client Name: GeoLogic Associates-SB
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Analytical Report: Page 5 of 61
 Project Name: Stringfellow - Total
 Project Number: 3264-SF-T

Report Date: 13-May-2008

Work Order Number: A8D2117

Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

A8D2117-01

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
FC-1020A Zone 4 Stringfellow	Liquid	04/23/08 08:55	04/23/08 15:05

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B								
Xylenes (ortho)	ND	0.50	0.41	ug/L	EPA 8260B	04/26/08 09:42	JES	
Xylenes (Total)	ND	0.50	0.41	ug/L	EPA 8260B	04/26/08 09:42	JES	
Surrogate: 1,2-Dichloroethane-d4	100 %	80-124			EPA 8260B	04/26/08 09:42	JES	
Surrogate: Bromofluorobenzene	102 %	71-149			EPA 8260B	04/26/08 09:42	JES	
Surrogate: Toluene-d8	88.2 %	80-120			EPA 8260B	04/26/08 09:42	JES	



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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
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Analytical Report: Page 30 of 65
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Report Date: 02-May-2008

Work Order Number: A8D1919
Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number
A8D1919-08

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
CTS-OW3Zone 4 Stringfellow	Liquid	04/21/08 17:30	04/22/08 7:30

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Anions								
Sulfate	110	0.50	0.17	mg/L	EPA 300.0	04/23/08 03:47	JC	
Nitrate as N	16	0.20	0.11	mg/L	EPA 300.0	04/23/08 03:47	JC	
General Inorganics								
Perchlorate	11	4.0	2.3	ug/L	EPA 314.0	04/30/08 10:25	AA	
Volatile Organic Compounds by EPA 8260B								
1,1,1,2-Tetrachloroethane	ND	0.50	0.14	ug/L	EPA 8260B	04/23/08 16:20	JES	
1,1,1-Trichloroethane	ND	0.50	0.12	ug/L	EPA 8260B	04/23/08 16:20	JES	
1,1,2,2-Tetrachloroethane	ND	0.50	0.29	ug/L	EPA 8260B	04/23/08 16:20	JES	
1,1,2-Trichloroethane	ND	0.50	0.31	ug/L	EPA 8260B	04/23/08 16:20	JES	
1,1-Dichloroethane	ND	0.50	0.098	ug/L	EPA 8260B	04/23/08 16:20	JES	
1,1-Dichloroethene	ND	0.50	0.12	ug/L	EPA 8260B	04/23/08 16:20	JES	
1,1-Dichloropropene	ND	0.50	0.14	ug/L	EPA 8260B	04/23/08 16:20	JES	
1,2,3-Trichlorobenzene	ND	0.50	0.29	ug/L	EPA 8260B	04/23/08 16:20	JES	
1,2,3-Trichloropropane	ND	0.50	0.29	ug/L	EPA 8260B	04/23/08 16:20	JES	
1,2,4-Trichlorobenzene	ND	0.50	0.34	ug/L	EPA 8260B	04/23/08 16:20	JES	
1,2,4-Trimethylbenzene	ND	0.50	0.093	ug/L	EPA 8260B	04/23/08 16:20	JES	
1,2-Dichlorobenzene	ND	0.50	0.20	ug/L	EPA 8260B	04/23/08 16:20	JES	
1,2-Dichloroethane	ND	0.50	0.21	ug/L	EPA 8260B	04/23/08 16:20	JES	
1,2-Dichloropropane	ND	0.50	0.50	ug/L	EPA 8260B	04/23/08 16:20	JES	
1,3,5-Trimethylbenzene	ND	0.50	0.079	ug/L	EPA 8260B	04/23/08 16:20	JES	
1,3-Dichlorobenzene	ND	0.50	0.15	ug/L	EPA 8260B	04/23/08 16:20	JES	
1,3-Dichloropropane	ND	0.50	0.22	ug/L	EPA 8260B	04/23/08 16:20	JES	
1,4-Dichlorobenzene	ND	0.50	0.072	ug/L	EPA 8260B	04/23/08 16:20	JES	
2,2-Dichloropropane	ND	0.50	0.49	ug/L	EPA 8260B	04/23/08 16:20	JES	
2-Butanone(MEK)	ND	5.0	1.2	ug/L	EPA 8260B	04/23/08 16:20	JES	

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CA ELAP no. 1156
EPA no. CA00102



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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
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Analytical Report: Page 31 of 65
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Report Date: 02-May-2008

Work Order Number: A8D1919

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8D1919-08

Sample Description: CTS-OW3Zone 4 Stringfellow
Matrix: Liquid
Sampled Date/Time: 04/21/08 17:30
Received Date/Time: 04/22/08 7:30

Table with columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like 2-Chloroethylvinyl Ether, 2-Chlorotoluene, etc.

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Analytical Report: Page 32 of 65
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Report Date: 02-May-2008

Work Order Number: A8D1919

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8D1919-08

Sample Description Matrix Sampled Date/Time Received Date/Time
CTS-OW3Zone 4 Stringfellow Liquid 04/21/08 17:30 04/22/08 7:30

Table with columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like Ethyl tert-Butyl Ether, Ethylbenzene, etc.

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Client Name: GeoLogic Associates-SB
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Analytical Report: Page 33 of 65
 Project Name: Stringfellow - Total
 Project Number: 3264-SF-T

Work Order Number: A8D1919

Report Date: 02-May-2008

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number
A8D1919-08

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
CTS-OW3Zone 4 Stringfellow	Liquid	04/21/08 17:30	04/22/08 7:30

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B								
Xylenes (ortho)	ND	0.50	0.41	ug/L	EPA 8260B	04/23/08 16:20	JES	
Xylenes (Total)	ND	0.50	0.41	ug/L	EPA 8260B	04/23/08 16:20	JES	
Surrogate: 1,2-Dichloroethane-d4	91.3 %	80-124			EPA 8260B	04/23/08 16:20	JES	
Surrogate: Bromofluorobenzene	93.8 %	71-149			EPA 8260B	04/23/08 16:20	JES	
Surrogate: Toluene-d8	91.7 %	80-120			EPA 8260B	04/23/08 16:20	JES	

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 CA ELAP no. 1156
 EPA no. CA00102



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Client Name: GeoLogic Associates-SB
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Analytical Report: Page 24 of 71
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Work Order Number: A8D2373

Report Date: 20-May-2008

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8D2373-07

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
LEO-11AZone 3	Liquid	04/26/08 10:00	04/26/08 18:30

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Surfactants								
p-Chlorobenzenesulfonic acid	ND	10	0.88	mg/L*	EPA 300.0	04/29/08 09:41	AA	
General Inorganics								
Perchlorate	120	4.0	2.3	ug/L	EPA 314.0	05/15/08 22:08	AA	
Volatile Organic Compounds by EPA 8260B								
1,1,1,2-Tetrachloroethane	ND	0.50	0.14	ug/L	EPA 8260B	05/07/08 13:58	EEC	
1,1,1-Trichloroethane	ND	0.50	0.12	ug/L	EPA 8260B	05/07/08 13:58	EEC	
1,1,2,2-Tetrachloroethane	ND	0.50	0.29	ug/L	EPA 8260B	05/07/08 13:58	EEC	
1,1,2-Trichloroethane	ND	0.50	0.31	ug/L	EPA 8260B	05/07/08 13:58	EEC	
1,1-Dichloroethane	ND	0.50	0.098	ug/L	EPA 8260B	05/07/08 13:58	EEC	
1,1-Dichloroethene	ND	0.50	0.12	ug/L	EPA 8260B	05/07/08 13:58	EEC	
1,1-Dichloropropene	ND	0.50	0.14	ug/L	EPA 8260B	05/07/08 13:58	EEC	
1,2,3-Trichlorobenzene	ND	0.50	0.29	ug/L	EPA 8260B	05/07/08 13:58	EEC	
1,2,3-Trichloropropane	ND	0.50	0.29	ug/L	EPA 8260B	05/07/08 13:58	EEC	
1,2,4-Trichlorobenzene	ND	0.50	0.34	ug/L	EPA 8260B	05/07/08 13:58	EEC	
1,2,4-Trimethylbenzene	ND	0.50	0.093	ug/L	EPA 8260B	05/07/08 13:58	EEC	
1,2-Dichlorobenzene	ND	0.50	0.20	ug/L	EPA 8260B	05/07/08 13:58	EEC	
1,2-Dichloroethane	ND	0.50	0.21	ug/L	EPA 8260B	05/07/08 13:58	EEC	
1,2-Dichloropropane	ND	0.50	0.50	ug/L	EPA 8260B	05/07/08 13:58	EEC	
1,3,5-Trimethylbenzene	ND	0.50	0.079	ug/L	EPA 8260B	05/07/08 13:58	EEC	
1,3-Dichlorobenzene	ND	0.50	0.15	ug/L	EPA 8260B	05/07/08 13:58	EEC	
1,3-Dichloropropane	ND	0.50	0.22	ug/L	EPA 8260B	05/07/08 13:58	EEC	
1,4-Dichlorobenzene	ND	0.50	0.072	ug/L	EPA 8260B	05/07/08 13:58	EEC	
2,2-Dichloropropane	ND	0.50	0.49	ug/L	EPA 8260B	05/07/08 13:58	EEC	
2-Butanone(MEK)	ND	5.0	1.2	ug/L	EPA 8260B	05/07/08 13:58	EEC	
2-Chloroethylvinyl Ether	ND	5.0	2.5	ug/L	EPA 8260B	05/07/08 13:58	EEC	NCEVE

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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
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Analytical Report: Page 25 of 71
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Work Order Number: A8D2373

Report Date: 20-May-2008

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8D2373-07

Sample Description LEO-11AZone 3
Matrix Liquid
Sampled Date/Time 04/26/08 10:00
Received Date/Time 04/26/08 18:30

Table with 9 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like 2-Chlorotoluene, 4-Chlorotoluene, etc.

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Analytical Report: Page 26 of 71
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Work Order Number: A8D2373

Report Date: 20-May-2008

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8D2373-07

Sample Description LEO-11AZone 3
Matrix Liquid
Sampled Date/Time 04/26/08 10:00
Received Date/Time 04/26/08 18:30

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like Ethylbenzene, Hexachlorobutadiene, etc.

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Analytical Report: Page 27 of 71
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Work Order Number: A8D2373

Report Date: 20-May-2008

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8D2373-07

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
LEO-11AZone 3	Liquid	04/26/08 10:00	04/26/08 18:30

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B								
Xylenes (Total)	ND	0.50	0.41	ug/L	EPA 8260B	05/07/08 13:58	EEC	
Surrogate: 1,2-Dichloroethane-d4	108 %	80-124			EPA 8260B	05/07/08 13:58	EEC	
Surrogate: Bromofluorobenzene	99.9 %	71-149			EPA 8260B	05/07/08 13:58	EEC	
Surrogate: Toluene-d8	103 %	80-120			EPA 8260B	05/07/08 13:58	EEC	



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Analytical Report: Page 48 of 72
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Work Order Number: A8D2476

Report Date: 30-May-2008

Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

A8D2476-13

Sample Description: MW-9BZone 2
Matrix: Liquid
Sampled Date/Time: 04/28/08 14:48
Received Date/Time: 04/29/08 7:30

Table with columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Surfactants (p-Chlorobenzenesulfonic acid), General Inorganics (Perchlorate), and Volatile Organic Compounds by EPA 8260B (various chlorinated hydrocarbons and ketones).

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Client Name: GeoLogic Associates-SB
Contact: Mike Reason
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Analytical Report: Page 49 of 72
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Report Date: 30-May-2008

Work Order Number: A8D2476

Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

A8D2476-13

Sample Description: MW-9BZone 2
Matrix: Liquid
Sampled Date/Time: 04/28/08 14:48
Received Date/Time: 04/29/08 7:30

Table with 9 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like 2-Chlorotoluene, 4-Chlorotoluene, etc.

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Analytical Report: Page 50 of 72
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Report Date: 30-May-2008

Work Order Number: A8D2476

Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

A8D2476-13

Sample Description MW-9BZone 2 Matrix Liquid Sampled Date/Time 04/28/08 14:48 Received Date/Time 04/29/08 7:30

Table with columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like Ethylbenzene, Ethylene dibromide, etc.

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Analytical Report: Page 51 of 72
 Project Name: Stringfellow - Total
 Project Number: 3264-SF-T

Report Date: 30-May-2008

Work Order Number: A8D2476
 Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number
A8D2476-13

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
MW-9BZone 2	Liquid	04/28/08 14:48	04/29/08 7:30

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Volatile Organic Compounds by EPA 8260B								
Xylenes (Total)	ND	5.0	4.1	ug/L	EPA 8260B	05/09/08 13:14	EEC	
Surrogate: 1,2-Dichloroethane-d4	109 %	80-124			EPA 8260B	05/09/08 13:14	EEC	
Surrogate: Bromofluorobenzene	99.7 %	71-149			EPA 8260B	05/09/08 13:14	EEC	
Surrogate: Toluene-d8	102 %	80-120			EPA 8260B	05/09/08 13:14	EEC	

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Analytical Report: Page 30 of 65
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Report Date: 30-May-2008

Work Order Number: A8E0010

Received on Ice (Y/N): Yes Temp: 7 °C

Laboratory Reference Number

A8E0010-08

Sample Description: OC-11BZone 1
Matrix: Liquid
Sampled Date/Time: 04/30/08 12:42
Received Date/Time: 05/01/08 7:36

Table with columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Anions (Sulfate, Nitrate as N), Surfactants (p-Chlorobenzenesulfonic acid), General Inorganics (Perchlorate), and Volatile Organic Compounds by EPA 8260B (various chlorinated hydrocarbons).

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Analytical Report: Page 31 of 65
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Report Date: 30-May-2008

Work Order Number: A8E0010

Received on Ice (Y/N): Yes Temp: 7 °C

Laboratory Reference Number

A8E0010-08

Sample Description: OC-11BZone 1
Matrix: Liquid
Sampled Date/Time: 04/30/08 12:42
Received Date/Time: 05/01/08 7:36

Table with columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like 2,2-Dichloropropane, Benzene, etc.

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Analytical Report: Page 32 of 65
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Report Date: 30-May-2008

Work Order Number: A8E0010

Received on Ice (Y/N): Yes Temp: 7 °C

Laboratory Reference Number

A8E0010-08

Sample Description: OC-11BZone 1
Matrix: Liquid
Sampled Date/Time: 04/30/08 12:42
Received Date/Time: 05/01/08 7:36

Table with 10 columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Volatile Organic Compounds by EPA 8260B and various chemical compounds like Dichlorodifluoromethane, Ethylbenzene, etc.

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Analytical Report: Page 33 of 65
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Work Order Number: A8E0010

Report Date: 30-May-2008

Received on Ice (Y/N): Yes Temp: 7 °C

Laboratory Reference Number

A8E0010-08

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
OC-11BZone 1	Liquid	04/30/08 12:42	05/01/08 7:36

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B								
Vinyl Chloride	ND	200	52	ug/L	EPA 8260B	05/10/08 06:23	EEC	
Xylenes (m+p)	ND	200	140	ug/L	EPA 8260B	05/10/08 06:23	EEC	
Xylenes (ortho)	ND	200	160	ug/L	EPA 8260B	05/10/08 06:23	EEC	
Xylenes (Total)	ND	200	160	ug/L	EPA 8260B	05/10/08 06:23	EEC	
Surrogate: 1,2-Dichloroethane-d4	103 %	80-124			EPA 8260B	05/10/08 06:23	EEC	
Surrogate: Bromofluorobenzene	100 %	71-149			EPA 8260B	05/10/08 06:23	EEC	
Surrogate: Toluene-d8	96.5 %	80-120			EPA 8260B	05/10/08 06:23	EEC	

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Client Name: GeoLogic Associates-SB
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Analytical Report: Page 17 of 50
 Project Name: Stringfellow - Total
 Project Number: 3264-SF-T

Report Date: 13-May-2008

Work Order Number: A8D2253

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8D2253-04

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
OW-68D1Zone 1B	Liquid	04/24/08 17:55	04/25/08 8:00

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Cations								
Calcium	450	20	10	mg/L	EPA 6010B	04/30/08 20:26	lmt	
Magnesium	590	20	10	mg/L	EPA 6010B	04/30/08 20:26	lmt	
Sodium	610	5.0	2.5	mg/L	EPA 6010B	05/07/08 13:53	lmt	
Potassium	22	1.0	0.50	mg/L	EPA 6010B	04/30/08 18:54	lmt	
Total Cations	98.8	0.2	0.2	me/L	Calculation			
Anions								
Total Alkalinity	ND	3.0	1.7	mg/L	SM 2320B	04/28/08 16:31	ctl	A-01a
Hydroxide	ND	3.0	1.7	mg/L	SM 2320B	04/28/08 16:31	ctl	A-01a
Carbonate	ND	3.0	1.7	mg/L	SM 2320B	04/28/08 16:31	ctl	A-01a
Bicarbonate	ND	3.0	1.7	mg/L	SM 2320B	04/28/08 16:31	ctl	A-01a
Chloride	190	100	17	mg/L	EPA 300.0	04/29/08 06:53	AA	
Sulfate	11000	50	17	mg/L	EPA 300.0	04/29/08 06:53	AA	
Nitrate as N	15	5.0	2.7	mg/L	EPA 300.0	04/25/08 18:35	cth	
Fluoride	160	25	12	mg/L	SM 4500F C	04/30/08 12:05	SMS	
Total Anions	244.01	0.05	0.05	me/L	Calculation			
Surfactants								
p-Chlorobenzenesulfonic acid	830	250	22	mg/L*	EPA 300.0	04/26/08 04:20	cth	
General Inorganics								
Perchlorate	ND	800	460	ug/L	EPA 314.0	05/08/08 21:18	AA	
Nutrients								
Nitrite as N	ND	0.10	0.017	mg/L	SM 4500NO2 B	04/25/08 17:00	sb	



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Analytical Report: Page 18 of 50
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Report Date: 13-May-2008

Work Order Number: A8D2253

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

A8D2253-04

Sample Description: OW-68D1Zone 1B
Matrix: Liquid
Sampled Date/Time: 04/24/08 17:55
Received Date/Time: 04/25/08 8:00

Table with columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Metals and Metalloids (Mercury), Metals and Metalloids; EPA SW846 Series (Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Total Chromium, Cobalt, Copper, Iron, Lead, Manganese, Molybdenum, Nickel, Selenium, Silver, Thallium, Tin, Vanadium, Zinc), and Volatile Organic Compounds by EPA 8260B (1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane).

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Analytical Report: Page 19 of 50
 Project Name: Stringfellow - Total
 Project Number: 3264-SF-T

Report Date: 13-May-2008

Work Order Number: A8D2253

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number
A8D2253-04

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
OW-68D1Zone 1B	Liquid	04/24/08 17:55	04/25/08 8:00

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Volatile Organic Compounds by EPA 8260B								
1,1,2,2-Tetrachloroethane	ND	200	120	ug/L	EPA 8260B	05/02/08 04:07	EEC	
1,1,2-Trichloroethane	ND	200	120	ug/L	EPA 8260B	05/02/08 04:07	EEC	
1,1-Dichloroethane	ND	200	39	ug/L	EPA 8260B	05/02/08 04:07	EEC	
1,1-Dichloroethene	ND	200	47	ug/L	EPA 8260B	05/02/08 04:07	EEC	
1,1-Dichloropropene	ND	200	54	ug/L	EPA 8260B	05/02/08 04:07	EEC	
1,2,3-Trichlorobenzene	ND	200	110	ug/L	EPA 8260B	05/02/08 04:07	EEC	
1,2,3-Trichloropropane	ND	200	120	ug/L	EPA 8260B	05/02/08 04:07	EEC	
1,2,4-Trichlorobenzene	ND	200	140	ug/L	EPA 8260B	05/02/08 04:07	EEC	
1,2,4-Trimethylbenzene	50	200	37	ug/L	EPA 8260B	05/02/08 04:07	EEC	J
1,2-Dichlorobenzene	5400	200	80	ug/L	EPA 8260B	05/02/08 04:07	EEC	
1,2-Dichloroethane	ND	200	82	ug/L	EPA 8260B	05/02/08 04:07	EEC	
1,2-Dichloropropane	ND	200	200	ug/L	EPA 8260B	05/02/08 04:07	EEC	
1,3,5-Trimethylbenzene	ND	200	32	ug/L	EPA 8260B	05/02/08 04:07	EEC	
1,3-Dichlorobenzene	160	200	60	ug/L	EPA 8260B	05/02/08 04:07	EEC	J
1,3-Dichloropropane	ND	200	90	ug/L	EPA 8260B	05/02/08 04:07	EEC	
1,4-Dichlorobenzene	1600	200	29	ug/L	EPA 8260B	05/02/08 04:07	EEC	
2,2-Dichloropropane	ND	200	200	ug/L	EPA 8260B	05/02/08 04:07	EEC	
2-Butanone(MEK)	ND	2000	490	ug/L	EPA 8260B	05/02/08 04:07	EEC	
2-Chloroethylvinyl Ether	ND	2000	1000	ug/L	EPA 8260B	05/02/08 04:07	EEC	NCEVE
2-Chlorotoluene	ND	200	37	ug/L	EPA 8260B	05/02/08 04:07	EEC	
4-Chlorotoluene	ND	200	38	ug/L	EPA 8260B	05/02/08 04:07	EEC	
4-Methyl-2-Pentanone(MIBK)	440	2000	380	ug/L	EPA 8260B	05/02/08 04:07	EEC	J
Acetone	2600	2000	2000	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Acrolein (EPA 8260B)	ND	4000	1500	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Acrylonitrile (EPA 8260B)	ND	4000	1300	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Benzene	ND	200	57	ug/L	EPA 8260B	05/02/08 04:07	EEC	

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Client Name: GeoLogic Associates-SB
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Analytical Report: Page 20 of 50
 Project Name: Stringfellow - Total
 Project Number: 3264-SF-T

Report Date: 13-May-2008

Work Order Number: A8D2253

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number
A8D2253-04

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
OW-68D1Zone 1B	Liquid	04/24/08 17:55	04/25/08 8:00

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B								
Bromobenzene	ND	200	88	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Bromochloromethane	ND	200	130	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Bromodichloromethane	ND	200	200	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Bromoform	ND	200	52	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Bromomethane	ND	200	190	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Carbon Disulfide	ND	200	140	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Carbon Tetrachloride	ND	200	60	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Chlorobenzene	1500	200	92	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Chloroethane	ND	200	200	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Chloroform	1000	200	180	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Chloromethane	ND	200	140	ug/L	EPA 8260B	05/02/08 04:07	EEC	
cis-1,2-Dichloroethene	130	200	74	ug/L	EPA 8260B	05/02/08 04:07	EEC	J
cis-1,3-Dichloropropene	ND	200	120	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Dibromochloromethane	ND	200	150	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Dibromochloropropane	ND	2000	180	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Dibromomethane	ND	200	200	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Dichlorodifluoromethane	ND	200	74	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Di-isopropyl ether	ND	1200	98	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Ethyl tert-Butyl Ether	ND	1200	120	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Ethylbenzene	ND	200	110	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Ethylene dibromide	ND	2000	56	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Hexachlorobutadiene	ND	200	84	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Isopropylbenzene	ND	200	140	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Methyl tert butyl Ether	ND	1200	170	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Methylene Chloride	870	200	200	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Naphthalene	ND	200	180	ug/L	EPA 8260B	05/02/08 04:07	EEC	

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 EPA no. CA00102



E.S.BABCOCK & Sons, Inc.
Environmental Laboratories *est. 1906*

Client Name: GeoLogic Associates-SB
Contact: Mike Reason
Address: 1831 Commercenter East
San Bernardino, CA 92408

Analytical Report: Page 21 of 50
Project Name: Stringfellow - Total
Project Number: 3264-SF-T

Report Date: 13-May-2008

Work Order Number: A8D2253

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number
A8D2253-04

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
OW-68D1Zone 1B	Liquid	04/24/08 17:55	04/25/08 8:00

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 8260B								
n-Butylbenzene	ND	200	59	ug/L	EPA 8260B	05/02/08 04:07	EEC	
n-Propylbenzene	ND	200	62	ug/L	EPA 8260B	05/02/08 04:07	EEC	
p-Isopropyltoluene	ND	200	34	ug/L	EPA 8260B	05/02/08 04:07	EEC	
sec-Butylbenzene	ND	200	49	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Styrene	ND	200	90	ug/L	EPA 8260B	05/02/08 04:07	EEC	
tert-Amyl Methyl Ether	ND	1200	150	ug/L	EPA 8260B	05/02/08 04:07	EEC	
tert-Butyl alcohol	ND	800	580	ug/L	EPA 8260B	05/02/08 04:07	EEC	
tert-Butylbenzene	ND	200	84	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Tetrachloroethene	440	200	67	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Toluene	140	200	89	ug/L	EPA 8260B	05/02/08 04:07	EEC	J
trans-1,2-Dichloroethene	ND	200	40	ug/L	EPA 8260B	05/02/08 04:07	EEC	
trans-1,3-Dichloropropene	ND	200	98	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Trichloroethene	7100	200	200	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Trichlorofluoromethane	ND	2000	63	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Trichlorotrifluoroethane	ND	4000	100	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Vinyl Acetate	ND	4000	190	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Vinyl Chloride	ND	200	52	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Xylenes (m+p)	ND	200	140	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Xylenes (ortho)	ND	200	160	ug/L	EPA 8260B	05/02/08 04:07	EEC	
Xylenes (Total)	180	200	160	ug/L	EPA 8260B	05/02/08 04:07	EEC	J
Surrogate: 1,2-Dichloroethane-d4	104 %	80-124			EPA 8260B	05/02/08 04:07	EEC	
Surrogate: Bromofluorobenzene	103 %	71-149			EPA 8260B	05/02/08 04:07	EEC	
Surrogate: Toluene-d8	107 %	80-120			EPA 8260B	05/02/08 04:07	EEC	

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EPA no. CA00102

APPENDIX D
DATA VALIDATION REPORT

Department of Toxic Substances Control
Stringfellow Branch
8800 Cal Center Drive
Sacramento, CA 95826
ATTN: Mr. Darrell Nations

July 14, 2008

SUBJECT: Final Report for the Evaluation of Analytical Data for Stringfellow Hazardous Waste Site, Glen Avon, CA for the sampling period of March 17, 2008 to April 30, 2008.

Dear Mr. Nations,

Enclosed is the evaluation of Stringfellow analytical data and historical data comparison for the eight E.S. Babcock, Inc. (Babcock) Work Orders (WO) and analyses listed below. The WOs are associated with the sampling period of March 17, 2008 to April 30, 2008. Each WO may not have all of the listed analyses.

LDC Project # 13165:	
WO #	Fractions contained in WO's
A8C1524	EPA 200.8 (Selected Dissolved Metals)
A8D1919	EPA 200.8 (Selected Total Metals)
A8D2117	EPA 300.0
A8D2251	EPA 300.0-mod (p-Chlorobenzenesulfonic acid)
A8D2253	EPA 314.0
A8D2373	Perchlorate-IC-MS/MS
A8D2476	SW 846 Method 6010B (Selected Dissolved Metals)
A8E0010	SW 846 Method 6010B (Selected Total Metals)
	SW 846 Method 6020 (Selected Dissolved Metals)
	SW 846 Method 6020 (Selected Total Metals)
	SW 846 Method 7199
	SW 846 Method 8260B
	Standard Method 2320B
	Standard Method 4500F C
	SM 4500NO2 B

Data review was performed in accordance with EPA Functional Guidelines and project specific control limits provided by Babcock. Where specific guidance is not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience. The following items were evaluated by automated and manual review:

- Holding Times
- Cooler Temperatures
- Instrument Calibration
- Blanks
- Surrogates
- Matrix Spike/Matrix Spike Duplicates
- Laboratory Control Samples
- Reporting Limits
- Field QC Samples

Please feel free to contact me at (916) 649-8740 if you have any questions.

Sincerely,

April Martinez
Senior Chemist

cc: Richard Amano, LDC, Inc.
Nanny Bosch, LDC, Inc.
Jeffrey N. McLeod, LDC, Inc.

DRAFT

**Laboratory Data Consultants' Evaluation of Stringfellow Analytical Data for
Samples Collected by GeoLogic Associates During the Period of
March 17, 2008 to April 30, 2008**

Prepared for:

**Department of Toxic Substances Control
Stringfellow Branch
8810 Cal Center Drive
Sacramento, CA 95826**

Prepared by:

**Laboratory Data Consultants, Inc. (LDC)
601 University Avenue, Suite 105
Sacramento, CA 95825
Agreement Number: 02-T2512, Amendment 2
Reported: July 29, 2008**

**April Martinez, Senior Chemist
Laboratory Data Consultants, Inc.**

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LIST OF ACRONYMS

CA	California
Babcock	E.S. Babcock & Sons, Inc.
COD	Chemical Oxygen Demand
°C	Degrees Celsius
DTSC	Department of Toxic Substances Control
EPA	US Environmental Protection Agency
GLA	GeoLogic Associates
LCS	Laboratory Control Sample
LDC	Laboratory Data Consultants, Inc.
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NPOC	Non-Purgeable Organic Carbon
QC	Quality Control
RDL	Reportable Detection Limit
RPD	Relative Percent Difference
SDG	Sample Delivery Group
SM	Standard Methods
SOP	Standard Operating Procedure
SVOCs	Semivolatile Organic Compounds
TOC	Total Organic Carbon
VOCs	Volatile Organic Compounds
WO	Work Order

EXECUTIVE SUMMARY

This draft report has been prepared by Laboratory Data Consultants, Inc. (LDC) for the Department of Toxic Substances Control (DTSC) for the Stringfellow Hazardous Waste Site in Glen Avon, California (CA). The purpose of this report is to provide the data user with an independent evaluation of the results generated by the laboratory. The data reviewed in this report were analyzed by E.S. Babcock & Sons, Inc. (Babcock) located in Riverside, CA. The laboratory is certified in the State of California by the Department of Health Services. GeoLogic Associates (GLA) located in San Bernardino, CA, collected the samples, which were analyzed for this report.

Data were reviewed based on the appropriate U.S. Environmental Protection Agency (USEPA) methods referenced (USEPA, 1986), "National Functional Guidelines for Organic Data Review" (USEPA 1999), "National Functional Guidelines for Inorganic Data Review" (USEPA 1994), Standard Methods for the Examination of Wastewater, and the project specific control limits provided by Babcock. Where specific guidance is not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The following items were evaluated by automated review and manual review:

- Holding Times
- Cooler Temperatures
- Blanks
- Surrogates
- Matrix Spike/Matrix Spike Duplicates (MS/MSD)
- Laboratory Control Samples (LCS)
- Reporting Limits (RL)
- Field QC Samples

Based on review of the analytical data and associated QC results, the sample data were assessed to be valid with minor qualifications. A summary of the overall quality of data is as follows:

Volatile Organic Analysis (Method 8260)

Overall, results for volatile organic compounds met data review criteria and were assessed an LDC Grade of "Good" for Method 8260B. No Method 8260B data were qualified as rejected (R) or unusable for this sampling event.

- 6.7% of the Method 8260B data were qualified as estimated (J), non-detect estimated (UJ) or non-detect (U) due to temperature exceedance, reporting limits, surrogate and LCS recoveries and/or LCS RPD values outside quality control limits, and method blank, field blank or trip blank contamination. The qualified Method 8260B results were associated with samples collected from LEO-11A, FC-1020A, CTS-OW3, MW-9B, OC-11B, and OW-68D1.

Semivolatile Organic Analysis (p-Chlorobenzene Sulfonic Acid by EPA 300.0 Mod.)

Results for p-chlorobenzenesulfonic acid analyzed by EPA 300.0 Modified met data review criteria and were assessed an LDC Grade of "Good". No EPA 300.0 Modified data were qualified and 100% analytical completeness was achieved for this method.

Selected Metals (EPA Methods 200.8, 6010B, 6020, and 7199)

With some exceptions, results for the selected metals data review criteria were assessed an LDC Grade of "Good". No metals analyses were qualified as rejected (R) or unusable for this sampling event. No EPA 200.8, EPA 6010B, EPA 6020 (except Ba, Mo, Pb and Sn), or EPA 7199 data were qualified and 100% analytical completeness was achieved for these methods.

Methods 6020-Ba, 6020-Mo, 6020-Pb, and 6020-Sn were originally assessed an LDC Grade of "Poor". Using professional judgment, the LDC Grade was elevated to "Good" as all qualified data was due to values less than the reportable detection limit.

- 100% of the 6020-Ba, 6020-Mo, and 6020-Pb results were qualified as estimated (J) due to reporting limits below the Reportable Detection Limit (RDL), but above the method detection limits (MDL). The qualified 6020-Ba, 6020-Mo, and 6020-Pb results were associated with a sample collected from OW-68D1.
- 50% of the 6020-Sn data were qualified as estimated (J) due to a reporting limit below the RDL, but above the MDL. The qualified 6020-Sn results were associated with a sample collected from OW-68D1.

Inorganic Analyses (SM 2320B, 4500, EPA 300.0, EPA 314.0, Perchlorate-IC-MS/MS, and CALC (anion and cation))

Overall, results associated with inorganic analyses performed by Standard Methods (SM) 2320B (alkalinity), SM 4500 (fluoride and nitrite as N), EPA 300.0 (chloride, sulfate and nitrate-nitrogen), Perchlorate-IC-MS/MS and CALC (anion and cation) met data review criteria and were assessed an LDC Grade of "Good". No data were qualified and 100% analytical completeness was achieved for these methods.

Results for EPA 314.0 (perchlorate) were assessed an LDC Grade of "Good". No EPA 314.0 data were qualified as rejected (R) or unusable for this sampling event.

- 7.4% of the EPA 314.0 data were qualified as estimated (J) or non-detect estimated (UJ) due to MS recoveries outside control limits. The qualified results were associated with samples collected from LEO-11A and OC-11B.

1.0 DATA QUALITY

This report covers the 28 water samples collected by GeoLogic Associates between March 17, 2008 and April 30, 2008 and reported in eight sample delivery groups (SDGs) by Babcock. The samples were analyzed by Babcock for volatile organic compounds (VOCs) by Method 8260B, p-Chlorobenzenesulfonic acid by EPA 300.0 Modified, selected metals by EPA Methods 200.8, 6010B, 6020, and 7199, anions by EPA Method 300.0, perchlorate by EPA Method 314.0 and Perchlorate-IC-MS/MS, alkalinity by Standard Method (SM) 2320B, fluoride, and nitrite as N by SM 4500.

All sample results from the sampling period were subjected to an EPA Level III equivalent review, which comprises an evaluation of Quality Control (QC) results, sample holding times, cooler temperatures, surrogates, matrix spikes/matrix spike duplicates, laboratory duplicates, laboratory control samples, method blanks, and reporting limits. The instrument calibration data for this sampling period were not submitted for review.

Data were reviewed based on the requirements of the appropriate analytical method, National Functional Guidelines for Organic and Inorganic Data Review, and the project specific control limits provided by Babcock. Where specific guidance is not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

Through the data review process, the data were assigned qualifiers. The qualifiers assigned by LDC are based on a technical assessment of the data and represent outliers from each of the data review components (blank contamination, holding time, etc.). The following are definitions of the data qualifiers that may appear in this report:

Data Qualifier	Definition
U	Indicates the compound or analyte was analyzed for, but not detected at or above the stated limit. The result is considered nondetected (ND) at the reported value. This qualifier is added before any additional qualifiers for all ND results.
UJ	Indicates the compound or analyte was analyzed for, but not detected. The sample detection limit is an estimated value due to QC failure or data limitations.
J	Indicates the compound or analyte is positively identified, but the reported concentration is an estimate due to QC failure or data limitations.
R	Quality control indicates the data is not usable. The presence or absence of the compound or analyte cannot be verified or the reported result is compromised as to be unusable.

Data qualified with the "R" qualifier are considered unusable or rejected. Data qualified with the "J" qualifier are considered as estimated. The data user must determine the appropriate use of estimated data.

The data quality assessment is summarized by reporting analytical completeness. The results of the field blanks are not included in the determination of analytical completeness. The following equation was used to calculate completeness.

$$\% \text{Analytical Completeness} = (\text{Number of unqualified results} / \text{Number of reported results}) \times 100$$

The analytical completeness, which included all QC parameters, attained for the field samples in the sampling effort is presented in Table 1.

Each analytical method in the sampling effort includes LDC's analysis of the overall quality of the data. LDC's "grade" refers to an assessment performed by LDC (i.e. Good, Average, Below Average, or Poor) based on the quality of data associated with each analytical method. The grade was determined as follows:

Percent Completeness (Not Qualified)		Percent Completeness (Not Rejected)		LDC Grade	
90 to 100	and	99 to 100	equals	Good	
		95 to 98.9		Average	
		90 to 94.9		Below Average	
		Less than 90		Poor	
80 to 89.9		95 to 100		Average	
		90 to 94.9		Below Average	
		Less than 90		Poor	
60 to 79.9		95 to 100		Below Average	
		Less than 90		Poor	
Less than 60					Poor

Although the criteria stated above is used to determine the LDC Grades reported in Table 1, professional judgment is used to modify the LDC grade as appropriate. For example, the LDC grade is modified to exclude data falling between the Reportable Detection Limit (RDL) and Method Detection Limit (MDL) even though the values are qualified according to the National Functional Guidelines for Organic and Inorganic Data Review. This modification is made since values below the RDL are considered to have less impact on the overall quality of data. When performed, modifications to the LDC grade are discussed within the appropriate data review sections that follow.

The LDC Grade does not replace the need for data users to determine data usability based on individual qualifiers. It was developed for DTSC as a gauge to determine the overall quality of

data and is not discussed within the National Functional Guidelines for Organic and Inorganic Data Review.

This following section of the report summarizes the data quality assessment results by the data review components. Table 1 is a summary of the Analytical Completeness for all samples in the sampling period. Figure 1 is a graph of the Analytical Completeness by Stringfellow zones. Figure 2 is a graph of the Analytical Completeness by analytical method. The figures summarize the percent of data that was neither qualified nor rejected.

Sample Holding Time and Cooler Temperatures

A review of cooler temperatures was performed based on data provided in the laboratory electronic data deliverable. With some exceptions, all cooler temperatures met data review criteria (4 ± 2 °C).

Results and reporting limits for samples received between 6 and 10 °C are qualified as estimated (J) or non-detect estimated (UJ). Results and reporting limits for samples received above 10 °C are qualified as rejected (R) and are considered unusable. Results for samples received by the laboratory on the day of collection were not qualified. No results were qualified as rejected (R) or unusable due to temperature exceedance.

- 3.6% of the Method 8260B results, collected at OC-11B were qualified as estimated (J) or non-detect estimated (UJ) due to temperature exceedance for the sampling period.

Results and reporting limits for samples analyzed outside the holding time but within two times the holding time are qualified as estimated (J) or non-detect estimated (UJ). Results and reporting limits for samples analyzed outside greater than two times the holding time are qualified as rejected (R) and are considered unusable. No results were qualified due to exceeded holding times.

Blanks

All laboratory blanks and field blanks were reviewed for contamination. Qualification of sample data was based on the maximum contaminant concentration of each analyte in the associated blanks.

The analyte concentrations in the samples were compared to the analyte concentrations detected in the method blanks. The criteria presented in the National Functional Guidelines for Organic and Inorganic Data Review were used for comparison. Based on these criteria, positive sample results were not qualified unless the concentration was less than or equal to 10 times the concentration found in the associated blank for the common contaminants, or five times the concentration for the other contaminants on the target analyte list.

- 1.0% of the Method 8260B results, collected at LEO-11A, FC-1020A, CTS-OW3, MW-9B, OC-11B, and OW-68D1, were qualified as non-detect (U) due to laboratory method blank contamination for the sampling period.
- 0.5% of the Method 8260B results, collected at LEO-11A, FC-1020A, and CTS-OW3, were qualified as non-detect (U) due to field blank or trip blank contamination.

Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. Results and reporting limits associated with surrogate recoveries outside of the control limits are qualified as estimated (J) or non-detect estimated (UJ). Additionally, the non-detected sample results associated with surrogate recoveries below 10% are qualified as rejected (R) and are considered unusable.

No results were qualified as rejected (R) or unusable due to surrogate recoveries outside control limits.

- 0.3% of the Method 8260B target analyte list results collected at LEO-11A and FC-1020A were qualified as estimated (J) due to surrogate recoveries outside control limits.

Matrix Spikes/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were evaluated against the laboratory's quality control acceptance criteria. Results and reporting limits associated with matrix spike recoveries outside the control limits are qualified as estimated (J) or non-detect estimated reporting limit (UJ). The organic analyses with matrix spike recoveries of 0% and inorganic analyses with matrix spike recoveries below 30% are qualified as rejected (R) and are considered unusable. For organic analyses, only the associated parent sample results are qualified for MS/MSD failure. For inorganic (metals and general chemistry) analyses, results associated with all samples in the entire analytical batch are qualified. This is consistent with data qualification procedures identified in the National Functional Guidelines for Organic Data Review, Section VII and Inorganic Section VI, which state that unless a systematic problem can be identified in an organic analysis, only the parent sample should be qualified. In addition if duplicate analysis results for a particular inorganic analyte fall outside the appropriate control limits, results for that analyte in all associated samples are qualified.

No results were qualified as rejected (R) or unusable due to MS recoveries or RPD outside control limits.

- 7.4% of the EPA 314.0 results for samples collected at LEO-11A and FC-1020A were qualified as estimated (J) or non-detect estimated (UJ) due to MS recoveries outside QC limits.

Due to cost considerations, the laboratory analyzed a nonsite-specific MS/MSD for many of the analyses. The recoveries for non-site samples were not reported for this project. Additionally, the MS/MSD data was not considered usable for the associated samples since matrix specific effects could not be assessed on the project specific compounds from a direct correlation of a spike on a non-site sample to the project samples. Therefore, samples were not qualified where nonsite-specific MS/MSD were used.

Laboratory Control Samples

Laboratory control samples (LCS) were evaluated against acceptance criteria. Results and reporting limits associated with LCS recoveries outside control limits are qualified as estimated (J) or non-detect estimated (UJ). Organic analyses with LCS recoveries of 0%, metals analyses with LCS recoveries below 50%, and all other analyses with LCS recoveries below 30% are qualified as rejected (R) and are considered unusable. In cases where the recoveries exceeded criteria, the results of the associated analytical batch were qualified.

No results were qualified as rejected (R) or unusable due to LCS recoveries or RPD outside control limits.

- 0.4% of the Method 8260B target analyte list results collected from OC-11B and OW-68D1 were qualified as non-detect estimated (UJ) due to LCS recoveries and/or RPD values outside QC limits.

Reporting Limits

Target analytes detected below Babcock's Reportable Detection Limit (RDL), but above the method detection limits (MDL) were qualified as estimated (J). The RDL for the analyses may be raised due to the sample matrix or volume taken for analysis.

No results were qualified as rejected (R) or unusable due to reporting limits for this sampling period.

- 2.3% of the Method 8260B target analyte list results collected from LEO-11A, FC-1020A, CTS-OW3, MW-9B, OC-11B, and OW-68D1 were qualified as estimated (J) due to reporting limits.
- 100% of the 6020-Ba, 6020-Mo, and 6020-Pb results collected from OW-68D1 were qualified as estimated (J) due to reporting limits.
- 50% of the 6020-Sn results collected from OW-68D1 were qualified as estimated (J) due to reporting limits.

Field Duplicates

No field duplicate samples were identified for this sampling period. Therefore, this parameter could not be evaluated.

1.1 Zone 1 Analytical Completeness

Based on review of the analytical data and associated QC results, the Zone 1 and Zone 1B sample data generally met data review criteria with minor qualifications. The completeness results for Zone 1 are provided in Table 2.

The LDC Grade for volatiles by Method 8260B and perchlorate by EPA 314.0 was “Average”.

- 17.9% of the Method 8260B results were qualified as estimated (J), non-detect estimated (UJ) or non-detect (U) due to temperature exceedance, reporting limits, LCS recoveries and/or LCS RPD values outside quality control limits, and method blank contamination.
- 12.5% of the EPA 314.0 results were qualified as non-detect estimated (UJ) due to a MS recovery outside control limits.

Methods 6020-Ba, 6020-Mo, 6020-Pb, and 6020-Sn were originally assessed an LDC Grade of “Poor”. Using professional judgment, the LDC Grade was elevated to “Good” as all qualified data was due to values less than the reportable detection limit.

- 100% of the 6020-Ba, 6020-Mo, and 6020-Pb results were qualified as estimated (J) due to reporting limits.
- 50% of the 6020-Sn results were qualified as estimated (J) due to reporting limits.

1.2 Zone 2 Analytical Completeness

Based on review of the analytical data and associated QC results, the Zone 2 sample data generally met data review criteria with minor qualifications. The completeness results for Zone 2 are provided in Table 3.

The LDC Grade for volatiles by Method 8260B was “Good”.

- 1.1% of the results were qualified as non-detect estimated (UJ) due to method blank contamination and reporting limits.

1.3 Zone 3 Analytical Completeness

Based on review of the analytical data and associated QC results, the Zone 3 sample data generally met data review criteria with minor qualifications. The completeness results for Zone 3 are provided in Table 4.

The LDC Grade for volatiles by Method 8260B was “Good”.

1.8% of the results were qualified as estimated (J) or non-detect estimated (UJ) due to surrogate recoveries, method blank and field blank contamination, and reporting limits.

The LDC Grade for perchlorate by EPA 314.0 was “Below Average”.

- 33.3% of the results were qualified as estimated (J) due to a MS recovery outside control limits.

1.4 Zone 4 Analytical Completeness

Based on review of the analytical data and associated QC results, the Zone 4 sample data generally met data review criteria with minor qualifications. The completeness results for Zone 4 are provided in Table 5.

The LDC Grade for volatiles by Method 8260B was “Good”.

- 1.4% of the results were qualified as estimated (J), non-detect estimated (UJ) or non-detect (U) due to surrogate recoveries, reporting limits, and method blank, field blank or trip blank contamination.

1.5 High Reporting Limits

The RDL for the analyses may be raised due to the sample matrix or volume taken for analysis. Samples that were diluted by five times or greater are reported in Table 6.

1.6 LDC Data Qualifier Outliers

Babcock reviewed the analytical data for the sampling period to ensure the validity of the data prior to report generation and prior to review by LDC. During the review process, data may be qualified due to non-conformances that may affect sample integrity or data quality. Data qualifiers applied by Babcock may include laboratory observations as well as QC failure information. Some of these qualifiers will have no impact on the data usability. A list of laboratory qualifiers and definitions is provided in Appendix B.

Data qualifiers assigned by LDC are based solely on a technical assessment of the data and represent outliers from each of the data review components. The qualifications are based on the requirements of the appropriate analytical method, National Functional Guidelines for Organic and Inorganic Data Review, Standard Methods for the Evaluation of Water and Wastewater, and the project specific quality control limits provided by Babcock. Where specific guidance is not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience. Table 7 reports the results for samples with LDC's qualifiers that are different from the qualifier assigned by Babcock by the letter of the qualifier and not the definition used to identify the qualifier.

Table 1: Summary of Analytical Completeness
(Samples collected from 3/17/2008 to 4/30/2008)

Analytical Method	Total Number of Analytes	Number of Rejects	Percent Completeness Not Rejected	Number Qualified	Percent Completeness Not Qualified	LDC Grade
200.8-Hg	2	0	100	0	100	Good
300.0 - Cl	1	0	100	0	100	Good
300.0 - SO4	4	0	100	0	100	Good
300.0N - NO3-N	4	0	100	0	100	Good
6010B-Al	2	0	100	0	100	Good
6010B-Ca	1	0	100	0	100	Good
6010B-Fe	2	0	100	0	100	Good
6010B-K	1	0	100	0	100	Good
6010B-Mg	1	0	100	0	100	Good
6010B-Mn	1	0	100	0	100	Good
6010B-Na	1	0	100	0	100	Good
6010B-V	2	0	100	0	100	Good
6020-Ag	2	0	100	0	100	Good
6020-As	2	0	100	0	100	Good
6020-Ba	2	0	100	2	0	Good
6020-Be	2	0	100	0	100	Good
6020-Cd	2	0	100	0	100	Good
6020-Co	2	0	100	0	100	Good
6020-Cr	2	0	100	0	100	Good
6020-Cu	2	0	100	0	100	Good
6020-Mo	2	0	100	2	0	Good
6020-Ni	2	0	100	0	100	Good
6020-Pb	2	0	100	2	0	Good
6020-Sb	2	0	100	0	100	Good
6020-Se	2	0	100	0	100	Good
6020-Sn	2	0	100	1	50	Good
6020-Tl	2	0	100	0	100	Good
6020-Zn	2	0	100	0	100	Good
8260-Veolia-SF	2072	0	100	138	93.3	Good

Table 1: Summary of Analytical Completeness
(Samples collected from 3/17/2008 to 4/30/2008)

Analytical Method	Total Number of Analytes	Number of Rejects	Percent Completeness Not Rejected	Number Qualified	Percent Completeness Not Qualified	LDC Grade
CALC - anion	1	0	100	0	100	Good
CALC - cation	1	0	100	0	100	Good
EPA 300.0 Mod.	4	0	100	0	100	Good
EPA 314.0	27	0	100	2	92.6	Good
EPA 7199	1	0	100	0	100	Good
Perchlorate-IC-MS/MS	21	0	100	0	100	Good
SM 2320B	4	0	100	0	100	Good
SM 4500F C	1	0	100	0	100	Good
SM 4500NO2 B	1	0	100	0	100	Good

Table 2: Zone 1 Analytical Completeness
(Samples collected from 3/17/2008 to 4/30/2008)

Analytical Method	Total Number of Analytes	Number of Rejects	Percent Completeness Not Rejected	Number Qualified	Percent Completeness Not Qualified	LDC Grade Zone 1	LDC Grade All Sites Combined
200.8-Hg	2	0	100	0	100	Good	Good
300.0 - Cl	1	0	100	0	100	Good	Good
300.0 - SO4	2	0	100	0	100	Good	Good
300.0N - NO3-N	2	0	100	0	100	Good	Good
6010B-Al	2	0	100	0	100	Good	Good
6010B-Ca	1	0	100	0	100	Good	Good
6010B-Fe	2	0	100	0	100	Good	Good
6010B-K	1	0	100	0	100	Good	Good
6010B-Mg	1	0	100	0	100	Good	Good
6010B-Mn	1	0	100	0	100	Good	Good
6010B-Na	1	0	100	0	100	Good	Good
6010B-V	2	0	100	0	100	Good	Good
6020-Ag	2	0	100	0	100	Good	Good
6020-As	2	0	100	0	100	Good	Good
6020-Ba	2	0	100	2	0	Poor	Good
6020-Be	2	0	100	0	100	Good	Good
6020-Cd	2	0	100	0	100	Good	Good
6020-Co	2	0	100	0	100	Good	Good
6020-Cr	2	0	100	0	100	Good	Good
6020-Cu	2	0	100	0	100	Good	Good
6020-Mo	2	0	100	2	0	Poor	Good
6020-Ni	2	0	100	0	100	Good	Good
6020-Pb	2	0	100	2	0	Poor	Good
6020-Sb	2	0	100	0	100	Good	Good
6020-Se	2	0	100	0	100	Good	Good
6020-Sn	2	0	100	1	50	Poor	Good
6020-Tl	2	0	100	0	100	Good	Good
6020-Zn	2	0	100	0	100	Good	Good
8260-Veolia-SF	666	0	100	119	82.1	Average	Good
CALC - anion	1	0	100	0	100	Good	Good
CALC - cation	1	0	100	0	100	Good	Good
EPA 300.0 Mod.	2	0	100	0	100	Good	Good
EPA 314.0	8	0	100	1	87.5	Average	Good
EPA 7199	1	0	100	0	100	Good	Good
Perchlorate-IC-MS/MS	6	0	100	0	100	Good	Good

Table 2: Zone 1 Analytical Completeness
(Samples collected from 3/17/2008 to 4/30/2008)

Analytical Method	Total Number of Analytes	Number of Rejects	Percent Completeness Not Rejected	Number Qualified	Percent Completeness Not Qualified	LDC Grade Zone 1	LDC Grade All Sites Combined
SM 2320B	4	0	100	0	100	Good	Good
SM 4500F C	1	0	100	0	100	Good	Good
SM 4500NO2 B	1	0	100	0	100	Good	Good

Table 3: Zone 2 Analytical Completeness
(Samples collected from 3/17/2008 to 4/30/2008)

Analytical Method	Total Number of Analytes	Number of Rejects	Percent Completeness Not Rejected	Number Qualified	Percent Completeness Not Qualified	LDC Grade Zone 2	LDC Grade All Sites Combined
8260-Veolia-SF	444	0	100	5	98.9	Good	Good
EPA 300.0 Mod.	1	0	100	0	100	Good	Good
EPA 314.0	6	0	100	0	100	Good	Good
Perchlorate-IC-MS/MS	5	0	100	0	100	Good	Good

Table 4: Zone 3 Analytical Completeness
(Samples collected from 3/17/2008 to 4/30/2008)

Analytical Method	Total Number of Analytes	Number of Rejects	Percent Completeness Not Rejected	Number Qualified	Percent Completeness Not Qualified	LDC Grade Zone 3	LDC Grade All Sites Combined
8260-Veolia-SF	222	0	100	4	98.2	Good	Good
EPA 300.0 Mod.	1	0	100	0	100	Good	Good
EPA 314.0	3	0	100	1	66.7	Below Average	Good
Perchlorate-IC-MS/MS	2	0	100	0	100	Good	Good

Table 5: Zone 4 Analytical Completeness
(Samples collected from 3/17/2008 to 4/30/2008)

Analytical Method	Total Number of Analytes	Number of Rejects	Percent Completeness Not Rejected	Number Qualified	Percent Completeness Not Qualified	LDC Grade Zone 4	LDC Grade All Sites Combined
300.0 - SO4	2	0	100	0	100	Good	Good
300.0N - NO3-N	2	0	100	0	100	Good	Good
8260-Veolia-SF	740	0	100	10	98.6	Good	Good
EPA 314.0	10	0	100	0	100	Good	Good
Perchlorate-IC-MS/MS	8	0	100	0	100	Good	Good

Table 6: High Reporting Limits
(Samples collected from 3/17/2008 to 4/30/2008)

Area	Location Code	Collected	Client Sample ID	Analyte Name	Result	Lab Qualifier	Reporting Limit	Units	Dilution
Zone 1	OC-11B	03/17/2008	OC-11B_0317081850	1,1,1,2-Tetrachloroethane	50	U	50	ug/L	100
				1,1,1-Trichloroethane	50	U	50	ug/L	100
				1,1,2,2-Tetrachloroethane	50	U	50	ug/L	100
				1,1,2-Trichloroethane	50	U	50	ug/L	100
				1,1-Dichloroethane	50	U	50	ug/L	100
				1,1-Dichloroethene	50	U	50	ug/L	100
				1,1-Dichloropropene	50	U	50	ug/L	100
				1,2,3-Trichlorobenzene	50	U	50	ug/L	100
				1,2,3-Trichloropropane	50	U	50	ug/L	100
				1,2,4-Trichlorobenzene	50	U	50	ug/L	100
				1,2,4-Trimethylbenzene	50	U	50	ug/L	100
				1,2-Dichlorobenzene	1000		50	ug/L	100
				1,2-Dichloroethane	50	U	50	ug/L	100
				1,2-Dichloropropane	50	U	50	ug/L	100
				1,3,5-Trimethylbenzene	50	U	50	ug/L	100
				1,3-Dichlorobenzene	35	J	50	ug/L	100
				1,3-Dichloropropane	50	U	50	ug/L	100
				1,4-Dichlorobenzene	260		50	ug/L	100
				2,2-Dichloropropane	50	U	50	ug/L	100
				2-Butanone (MEK)	500	U	500	ug/L	100
				2-Chloroethylvinyl ether	500	T5,U	500	ug/L	100
				2-Chlorotoluene	50	U	50	ug/L	100
				4-Chlorotoluene	50	U	50	ug/L	100
				4-Methyl-2-pentanone (MIB)	500	U	500	ug/L	100
				Acetone	500	J,F9	500	ug/L	100
				Acrolein	1000	U	1000	ug/L	100
				Acrylonitrile	1000	U	1000	ug/L	100
				Benzene	50	U	50	ug/L	100
				Bromobenzene	50	U	50	ug/L	100
				Bromochloromethane	50	U	50	ug/L	100
				Bromodichloromethane	50	U	50	ug/L	100
				Bromoform	50	U	50	ug/L	100
				Bromomethane	50	U	50	ug/L	100
				Carbon disulfide	50	U	50	ug/L	100
				Carbon tetrachloride	50	U	50	ug/L	100
				Chlorobenzene	170		50	ug/L	100
				Chloroethane	50	U	50	ug/L	100
				Chloroform	380		50	ug/L	100
				Chloromethane	50	U	50	ug/L	100
				cis-1,2-Dichloroethene	110		50	ug/L	100
				cis-1,3-Dichloropropene	50	U	50	ug/L	100
				Dibromochloromethane	50	U	50	ug/L	100
				Dibromochloropropane	500	U	500	ug/L	100
				Dibromomethane	50	U	50	ug/L	100
				Dichlorodifluoromethane	50	U	50	ug/L	100
				Diisopropyl ether	300	U	300	ug/L	100
				Ethyl tert-butyl ether	300	U	300	ug/L	100
				Ethylbenzene	50	U	50	ug/L	100

* field duplicate result

Table 6: High Reporting Limits
(Samples collected from 3/17/2008 to 4/30/2008)

Area	Location Code	Collected	Client Sample ID	Analyte Name	Result	Lab Qualifier	Reporting Limit	Units	Dilution				
Zone 1	OC-11B	03/17/2008	OC-11B_0317081850	Ethylene Dibromide	500	U	500	ug/L	100				
				Hexachlorobutadiene	50	U	50	ug/L	100				
				Isopropylbenzene	50	U	50	ug/L	100				
				Methyl tert-butyl ether	300	U	300	ug/L	100				
				Methylene chloride	400		50	ug/L	100				
				Naphthalene	50	U	50	ug/L	100				
				n-Butylbenzene	50	U	50	ug/L	100				
				n-Propylbenzene	50	U	50	ug/L	100				
				p-Isopropyltoluene	50	U	50	ug/L	100				
				sec-Butylbenzene	50	U	50	ug/L	100				
				Styrene	50	U	50	ug/L	100				
				Tert-amyl methyl ether (TA	300	U	300	ug/L	100				
				Tert-Butyl alcohol	200	U	200	ug/L	100				
				tert-Butylbenzene	50	U	50	ug/L	100				
				Tetrachloroethene	110		50	ug/L	100				
				Toluene	50	U	50	ug/L	100				
				trans-1,2-Dichloroethene	50	U	50	ug/L	100				
				trans-1,3-Dichloropropene	50	U	50	ug/L	100				
				Trichloroethene	2400		50	ug/L	100				
				Trichlorofluoromethane	500	U	500	ug/L	100				
				Trichlorotrifluoroethane	1000	U	1000	ug/L	100				
				Vinyl acetate	1000	U	1000	ug/L	100				
				Vinyl chloride	50	U	50	ug/L	100				
				Xylenes (m+p)	50	U	50	ug/L	100				
				Xylenes (ortho)	50	U	50	ug/L	100				
				Xylenes (total)	50	U	50	ug/L	100				
							OC-11B_0317081915	1,1,1,2-Tetrachloroethane	50	U	50	ug/L	100
								1,1,1-Trichloroethane	50	U	50	ug/L	100
								1,1,2,2-Tetrachloroethane	50	U	50	ug/L	100
								1,1,2-Trichloroethane	50	U	50	ug/L	100
								1,1-Dichloroethane	50	U	50	ug/L	100
								1,1-Dichloroethene	50	U	50	ug/L	100
								1,1-Dichloropropene	50	U	50	ug/L	100
						1,2,3-Trichlorobenzene		50	U	50	ug/L	100	
						1,2,3-Trichloropropane		50	U	50	ug/L	100	
						1,2,4-Trichlorobenzene		50	U	50	ug/L	100	
						1,2,4-Trimethylbenzene	10	J	50	ug/L	100		
						1,2-Dichlorobenzene	1300		50	ug/L	100		
						1,2-Dichloroethane	50	U	50	ug/L	100		
						1,2-Dichloropropane	50	U	50	ug/L	100		
						1,3,5-Trimethylbenzene	50	U	50	ug/L	100		
						1,3-Dichlorobenzene	37	J	50	ug/L	100		
						1,3-Dichloropropane	50	U	50	ug/L	100		
			1,4-Dichlorobenzene	330		50	ug/L	100					
			2,2-Dichloropropane	50	U	50	ug/L	100					
			2-Butanone (MEK)	500	U	500	ug/L	100					
			2-Chloroethylvinyl ether	500	T5,U	500	ug/L	100					
			2-Chlorotoluene	50	U	50	ug/L	100					

* field duplicate result

Table 6: High Reporting Limits
(Samples collected from 3/17/2008 to 4/30/2008)

Area	Location Code	Collected	Client Sample ID	Analyte Name	Result	Lab Qualifier	Reporting Limit	Units	Dilution
Zone 1	OC-11B	03/17/2008	OC-11B_0317081915	4-Chlorotoluene	50	U	50	ug/L	100
				4-Methyl-2-pentanone (MIB)	500	U	500	ug/L	100
				Acetone	500	J,F9	500	ug/L	100
				Acrolein	1000	U	1000	ug/L	100
				Acrylonitrile	1000	U	1000	ug/L	100
				Benzene	50	U	50	ug/L	100
				Bromobenzene	50	U	50	ug/L	100
				Bromochloromethane	50	U	50	ug/L	100
				Bromodichloromethane	50	U	50	ug/L	100
				Bromoform	50	U	50	ug/L	100
				Bromomethane	50	U	50	ug/L	100
				Carbon disulfide	50	U	50	ug/L	100
				Carbon tetrachloride	50	U	50	ug/L	100
				Chlorobenzene	220		50	ug/L	100
				Chloroethane	50	U	50	ug/L	100
				Chloroform	470		50	ug/L	100
				Chloromethane	50	U	50	ug/L	100
				cis-1,2-Dichloroethene	75		50	ug/L	100
				cis-1,3-Dichloropropene	50	U	50	ug/L	100
				Dibromochloromethane	50	U	50	ug/L	100
				Dibromochloropropane	500	U	500	ug/L	100
				Dibromomethane	50	U	50	ug/L	100
				Dichlorodifluoromethane	50	U	50	ug/L	100
				Diisopropyl ether	300	U	300	ug/L	100
				Ethyl tert-butyl ether	300	U	300	ug/L	100
				Ethylbenzene	50	U	50	ug/L	100
				Ethylene Dibromide	500	U	500	ug/L	100
				Hexachlorobutadiene	50	U	50	ug/L	100
				Isopropylbenzene	50	U	50	ug/L	100
				Methyl tert-butyl ether	300	U	300	ug/L	100
				Methylene chloride	520		50	ug/L	100
				Naphthalene	50	U	50	ug/L	100
				n-Butylbenzene	50	U	50	ug/L	100
				n-Propylbenzene	50	U	50	ug/L	100
				Perchlorate	150	W1	20	ug/L	200
				Perchlorate	400	F4,U	400	ug/L	100
				p-Isopropyltoluene	50	U	50	ug/L	100
				sec-Butylbenzene	50	U	50	ug/L	100
				Styrene	50	U	50	ug/L	100
				Tert-amyl methyl ether (TA)	300	U	300	ug/L	100
Tert-Butyl alcohol	200	U	200	ug/L	100				
tert-Butylbenzene	50	U	50	ug/L	100				
Tetrachloroethene	110		50	ug/L	100				
Toluene	27	J	50	ug/L	100				
trans-1,2-Dichloroethene	50	U	50	ug/L	100				
trans-1,3-Dichloropropene	50	U	50	ug/L	100				
Trichloroethene	2500		50	ug/L	100				
Trichlorofluoromethane	500	U	500	ug/L	100				
Trichlorotrifluoroethane	1000	U	1000	ug/L	100				

* field duplicate result

Table 6: High Reporting Limits
(Samples collected from 3/17/2008 to 4/30/2008)

Area	Location Code	Collected	Client Sample ID	Analyte Name	Result	Lab Qualifier	Reporting Limit	Units	Dilution	
Zone 1	OC-11B	03/17/2008	OC-11B_0317081915	Vinyl acetate	1000	U	1000	ug/L	100	
				Vinyl chloride	50	U	50	ug/L	100	
				Xylenes (m+p)	50	U	50	ug/L	100	
				Xylenes (ortho)	50	U	50	ug/L	100	
				Xylenes (total)	50	U	50	ug/L	100	
				OC-11B_0317081930	1,1,1,2-Tetrachloroethane	50	U	50	ug/L	100
					1,1,1-Trichloroethane	50	U	50	ug/L	100
					1,1,2,2-Tetrachloroethane	50	U	50	ug/L	100
					1,1,2-Trichloroethane	50	U	50	ug/L	100
					1,1-Dichloroethane	50	U	50	ug/L	100
					1,1-Dichloroethene	50	U	50	ug/L	100
					1,1-Dichloropropene	50	U	50	ug/L	100
			1,2,3-Trichlorobenzene		50	U	50	ug/L	100	
			1,2,3-Trichloropropane		50	U	50	ug/L	100	
			1,2,4-Trichlorobenzene		50	U	50	ug/L	100	
			1,2,4-Trimethylbenzene		50	U	50	ug/L	100	
			1,2-Dichlorobenzene		1200		50	ug/L	100	
			1,2-Dichloroethane		50	U	50	ug/L	100	
			1,2-Dichloropropane		50	U	50	ug/L	100	
			1,3,5-Trimethylbenzene		50	U	50	ug/L	100	
			1,3-Dichlorobenzene		42	J	50	ug/L	100	
			1,3-Dichloropropane		50	U	50	ug/L	100	
			1,4-Dichlorobenzene		300		50	ug/L	100	
			2,2-Dichloropropane		50	U	50	ug/L	100	
			2-Butanone (MEK)		500	U	500	ug/L	100	
			2-Chloroethylvinyl ether		500	T5,U	500	ug/L	100	
			2-Chlorotoluene		50	U	50	ug/L	100	
			4-Chlorotoluene		50	U	50	ug/L	100	
			4-Methyl-2-pentanone (MIB)		500	U	500	ug/L	100	
			Acetone	500	J,F9	500	ug/L	100		
			Acrolein	1000	U	1000	ug/L	100		
			Acrylonitrile	1000	U	1000	ug/L	100		
			Benzene	50	U	50	ug/L	100		
			Bromobenzene	50	U	50	ug/L	100		
			Bromochloromethane	50	U	50	ug/L	100		
			Bromodichloromethane	50	U	50	ug/L	100		
Bromoform	50	U	50	ug/L	100					
Bromomethane	50	U	50	ug/L	100					
Carbon disulfide	50	U	50	ug/L	100					
Carbon tetrachloride	50	U	50	ug/L	100					
Chlorobenzene	200		50	ug/L	100					
Chloroethane	50	U	50	ug/L	100					
Chloroform	430		50	ug/L	100					
Chloromethane	50	U	50	ug/L	100					
cis-1,2-Dichloroethene	92		50	ug/L	100					
cis-1,3-Dichloropropene	50	U	50	ug/L	100					
Dibromochloromethane	50	U	50	ug/L	100					
Dibromochloropropane	500	U	500	ug/L	100					

* field duplicate result

Table 6: High Reporting Limits
(Samples collected from 3/17/2008 to 4/30/2008)

Area	Location Code	Collected	Client Sample ID	Analyte Name	Result	Lab Qualifier	Reporting Limit	Units	Dilution			
Zone 1	OC-11B	03/17/2008	OC-11B_0317081930	Dibromomethane	50	U	50	ug/L	100			
				Dichlorodifluoromethane	50	U	50	ug/L	100			
				Diisopropyl ether	300	U	300	ug/L	100			
				Ethyl tert-butyl ether	300	U	300	ug/L	100			
				Ethylbenzene	50	U	50	ug/L	100			
				Ethylene Dibromide	500	U	500	ug/L	100			
				Hexachlorobutadiene	50	U	50	ug/L	100			
				Isopropylbenzene	50	U	50	ug/L	100			
				Methyl tert-butyl ether	300	U	300	ug/L	100			
				Methylene chloride	470		50	ug/L	100			
				Naphthalene	50	U	50	ug/L	100			
				n-Butylbenzene	50	U	50	ug/L	100			
				n-Propylbenzene	50	U	50	ug/L	100			
				Perchlorate	160	W1	20	ug/L	200			
				Perchlorate	400	F4,U	400	ug/L	100			
				p-Isopropyltoluene	50	U	50	ug/L	100			
				sec-Butylbenzene	50	U	50	ug/L	100			
				Styrene	50	U	50	ug/L	100			
				Tert-amyl methyl ether (TA)	300	U	300	ug/L	100			
				Tert-Butyl alcohol	200	U	200	ug/L	100			
				tert-Butylbenzene	50	U	50	ug/L	100			
				Tetrachloroethene	110		50	ug/L	100			
				Toluene	26	J	50	ug/L	100			
				trans-1,2-Dichloroethene	50	U	50	ug/L	100			
				trans-1,3-Dichloropropene	50	U	50	ug/L	100			
				Trichloroethene	2300		50	ug/L	100			
				Trichlorofluoromethane	500	U	500	ug/L	100			
				Trichlorotrifluoroethane	1000	U	1000	ug/L	100			
				Vinyl acetate	1000	U	1000	ug/L	100			
				Vinyl chloride	50	U	50	ug/L	100			
				Xylenes (m+p)	50	U	50	ug/L	100			
				Xylenes (ortho)	50	U	50	ug/L	100			
				Xylenes (total)	50	U	50	ug/L	100			
						OC-11B_0317081940	1,1,1,2-Tetrachloroethane	50	U	50	ug/L	100
							1,1,1-Trichloroethane	50	U	50	ug/L	100
							1,1,2,2-Tetrachloroethane	50	U	50	ug/L	100
							1,1,2-Trichloroethane	50	U	50	ug/L	100
							1,1-Dichloroethane	50	U	50	ug/L	100
							1,1-Dichloroethene	50	U	50	ug/L	100
							1,1-Dichloropropene	50	U	50	ug/L	100
							1,2,3-Trichlorobenzene	50	U	50	ug/L	100
							1,2,3-Trichloropropane	50	U	50	ug/L	100
							1,2,4-Trichlorobenzene	50	U	50	ug/L	100
							1,2,4-Trimethylbenzene	50	U	50	ug/L	100
			1,2-Dichlorobenzene	1200			50	ug/L	100			
			1,2-Dichloroethane	50	U		50	ug/L	100			
			1,2-Dichloropropane	50	U		50	ug/L	100			
			1,3,5-Trimethylbenzene	50	U		50	ug/L	100			

* field duplicate result

Table 6: High Reporting Limits
(Samples collected from 3/17/2008 to 4/30/2008)

Area	Location Code	Collected	Client Sample ID	Analyte Name	Result	Lab Qualifier	Reporting Limit	Units	Dilution
Zone 1	OC-11B	03/17/2008	OC-11B_0317081940	1,3-Dichlorobenzene	38	J	50	ug/L	100
				1,3-Dichloropropane	50	U	50	ug/L	100
				1,4-Dichlorobenzene	310		50	ug/L	100
				2,2-Dichloropropane	50	U	50	ug/L	100
				2-Butanone (MEK)	500	U	500	ug/L	100
				2-Chloroethylvinyl ether	500	T5,U	500	ug/L	100
				2-Chlorotoluene	50	U	50	ug/L	100
				4-Chlorotoluene	50	U	50	ug/L	100
				4-Methyl-2-pentanone (MIB)	98	J	500	ug/L	100
				Acetone	500	J,F9	500	ug/L	100
				Acrolein	1000	U	1000	ug/L	100
				Acrylonitrile	1000	U	1000	ug/L	100
				Benzene	50	U	50	ug/L	100
				Bromobenzene	50	U	50	ug/L	100
				Bromochloromethane	50	U	50	ug/L	100
				Bromodichloromethane	50	U	50	ug/L	100
				Bromoform	50	U	50	ug/L	100
				Bromomethane	50	U	50	ug/L	100
				Carbon disulfide	50	U	50	ug/L	100
				Carbon tetrachloride	50	U	50	ug/L	100
				Chlorobenzene	190		50	ug/L	100
				Chloroethane	50	U	50	ug/L	100
				Chloroform	460		50	ug/L	100
				Chloromethane	50	U	50	ug/L	100
				cis-1,2-Dichloroethene	82		50	ug/L	100
				cis-1,3-Dichloropropene	50	U	50	ug/L	100
				Dibromochloromethane	50	U	50	ug/L	100
				Dibromochloropropane	500	U	500	ug/L	100
				Dibromomethane	50	U	50	ug/L	100
				Dichlorodifluoromethane	50	U	50	ug/L	100
				Diisopropyl ether	300	U	300	ug/L	100
				Ethyl tert-butyl ether	300	U	300	ug/L	100
				Ethylbenzene	50	U	50	ug/L	100
				Ethylene Dibromide	500	U	500	ug/L	100
				Hexachlorobutadiene	50	U	50	ug/L	100
				Isopropylbenzene	50	U	50	ug/L	100
				Methyl tert-butyl ether	300	U	300	ug/L	100
				Methylene chloride	540		50	ug/L	100
				Naphthalene	50	U	50	ug/L	100
				n-Butylbenzene	50	U	50	ug/L	100
n-Propylbenzene	50	U	50	ug/L	100				
Perchlorate	400	F4,U	400	ug/L	100				
Perchlorate	170	W1	20	ug/L	200				
p-Isopropyltoluene	50	U	50	ug/L	100				
sec-Butylbenzene	50	U	50	ug/L	100				
Styrene	50	U	50	ug/L	100				
Tert-amyl methyl ether (TA)	300	U	300	ug/L	100				
Tert-Butyl alcohol	200	U	200	ug/L	100				
tert-Butylbenzene	50	U	50	ug/L	100				

* field duplicate result

Table 6: High Reporting Limits
(Samples collected from 3/17/2008 to 4/30/2008)

Area	Location Code	Collected	Client Sample ID	Analyte Name	Result	Lab Qualifier	Reporting Limit	Units	Dilution
Zone 1	OC-11B	03/17/2008	OC-11B_0317081940	Tetrachloroethene	120		50	ug/L	100
				Toluene	28	J	50	ug/L	100
	trans-1,2-Dichloroethene	50		U	50	ug/L	100		
	trans-1,3-Dichloropropene	50		U	50	ug/L	100		
	Trichloroethene	2700			50	ug/L	100		
	Trichlorofluoromethane	500		U	500	ug/L	100		
	Trichlorotrifluoroethane	1000		U	1000	ug/L	100		
	Vinyl acetate	1000		U	1000	ug/L	100		
	Vinyl chloride	50		U	50	ug/L	100		
	Xylenes (m+p)	50		U	50	ug/L	100		
	Xylenes (ortho)	50		U	50	ug/L	100		
	Xylenes (total)	50		U	50	ug/L	100		
	04/30/2008	OC-11B_0430081242		1,1,1,2-Tetrachloroethane	200	U	200	ug/L	400
	1,1,1-Trichloroethane		200	U	200	ug/L	400		
	1,1,2,2-Tetrachloroethane		200	U	200	ug/L	400		
	1,1,2-Trichloroethane		200	U	200	ug/L	400		
	1,1-Dichloroethane		200	U	200	ug/L	400		
	1,1-Dichloroethene		200	U	200	ug/L	400		
	1,1-Dichloropropene		200	U	200	ug/L	400		
	1,2,3-Trichlorobenzene		200	U	200	ug/L	400		
	1,2,3-Trichloropropane		200	U	200	ug/L	400		
	1,2,4-Trichlorobenzene		200	U	200	ug/L	400		
	1,2,4-Trimethylbenzene		200	U	200	ug/L	400		
	1,2-Dichlorobenzene		1100		200	ug/L	400		
	1,2-Dichloroethane		200	U	200	ug/L	400		
	1,2-Dichloropropane		200	U	200	ug/L	400		
	1,3,5-Trimethylbenzene		200	U	200	ug/L	400		
	1,3-Dichlorobenzene		200	U	200	ug/L	400		
	1,3-Dichloropropane		200	U	200	ug/L	400		
	1,4-Dichlorobenzene		320		200	ug/L	400		
	2,2-Dichloropropane		200	U	200	ug/L	400		
	2-Butanone (MEK)		2000	U	2000	ug/L	400		
	2-Chloroethylvinyl ether		2000	T5,U	2000	ug/L	400		
	2-Chlorotoluene		200	U	200	ug/L	400		
	4-Chlorotoluene		200	U	200	ug/L	400		
	4-Methyl-2-pentanone (MIB)	2000	U	2000	ug/L	400			
	Acetone	2000	U	2000	ug/L	400			
	Acrolein	4000	U	4000	ug/L	400			
	Acrylonitrile	4000	U	4000	ug/L	400			
	Benzene	200	U	200	ug/L	400			
	Bromobenzene	200	U	200	ug/L	400			
	Bromochloromethane	200	U	200	ug/L	400			
	Bromodichloromethane	200	U	200	ug/L	400			
	Bromoform	200	U	200	ug/L	400			
	Bromomethane	200	U	200	ug/L	400			
	Carbon disulfide	200	U	200	ug/L	400			
	Carbon tetrachloride	200	U	200	ug/L	400			
	Chlorobenzene	210		200	ug/L	400			

* field duplicate result

Table 6: High Reporting Limits
(Samples collected from 3/17/2008 to 4/30/2008)

Area	Location Code	Collected	Client Sample ID	Analyte Name	Result	Lab Qualifier	Reporting Limit	Units	Dilution
Zone 1	OC-11B	04/30/2008	OC-11B_0430081242	Chloroethane	200	U	200	ug/L	400
				Chloroform	480		200	ug/L	400
				Chloromethane	200	U	200	ug/L	400
				cis-1,2-Dichloroethene	200	U	200	ug/L	400
				cis-1,3-Dichloropropene	200	U	200	ug/L	400
				Dibromochloromethane	200	U	200	ug/L	400
				Dibromochloropropane	2000	U	2000	ug/L	400
				Dibromomethane	200	U	200	ug/L	400
				Dichlorodifluoromethane	200	U	200	ug/L	400
				Diisopropyl ether	1200	U	1200	ug/L	400
				Ethyl tert-butyl ether	1200	U	1200	ug/L	400
				Ethylbenzene	200	U	200	ug/L	400
				Ethylene Dibromide	2000	U	2000	ug/L	400
				Hexachlorobutadiene	200	U	200	ug/L	400
				Isopropylbenzene	200	U	200	ug/L	400
				Methyl tert-butyl ether	1200	U	1200	ug/L	400
				Methylene chloride	560		200	ug/L	400
				Naphthalene	200	U	200	ug/L	400
				n-Butylbenzene	200	U	200	ug/L	400
				Nitrate-Nitrogen	20		1.0	mg/L	5
				n-Propylbenzene	200	U	200	ug/L	400
				p-Chlorobenzenesulfonic a	390	W1	50	mg/L	5
				Perchlorate	2000	O5,U	2000	ug/L	500
				p-Isopropyltoluene	200	U	200	ug/L	400
				sec-Butylbenzene	200	U	200	ug/L	400
				Styrene	200	U	200	ug/L	400
				Sulfate	5800		50	mg/L	100
				Tert-amyl methyl ether (TA	1200	U	1200	ug/L	400
				Tert-Butyl alcohol	800	U	800	ug/L	400
				tert-Butylbenzene	200	U	200	ug/L	400
				Tetrachloroethene	110	J	200	ug/L	400
				Toluene	200	U	200	ug/L	400
				trans-1,2-Dichloroethene	200	U	200	ug/L	400
				trans-1,3-Dichloropropene	200	U	200	ug/L	400
Trichloroethene	2500		200	ug/L	400				
Trichlorofluoromethane	2000	U	2000	ug/L	400				
Trichlorotrifluoroethane	4000	U	4000	ug/L	400				
Vinyl acetate	4000	U	4000	ug/L	400				
Vinyl chloride	200	U	200	ug/L	400				
Xylenes (m+p)	200	U	200	ug/L	400				
Xylenes (ortho)	200	U	200	ug/L	400				
Xylenes (total)	200	U	200	ug/L	400				
Zone 1	OW-68D1	03/18/2008	OW-68D1_0318081230	1,1,1,2-Tetrachloroethane	200	U	200	ug/L	400
				1,1,1-Trichloroethane	200	U	200	ug/L	400
				1,1,2,2-Tetrachloroethane	200	U	200	ug/L	400
				1,1,2-Trichloroethane	200	U	200	ug/L	400
				1,1-Dichloroethane	200	U	200	ug/L	400

* field duplicate result

Table 6: High Reporting Limits
(Samples collected from 3/17/2008 to 4/30/2008)

Area	Location Code	Collected	Client Sample ID	Analyte Name	Result	Lab Qualifier	Reporting Limit	Units	Dilution
Zone 1	OW-68D1	03/18/2008	OW-68D1_0318081230	1,1-Dichloroethene	200	U	200	ug/L	400
				1,1-Dichloropropene	200	U	200	ug/L	400
				1,2,3-Trichlorobenzene	200	U	200	ug/L	400
				1,2,3-Trichloropropane	200	U	200	ug/L	400
				1,2,4-Trichlorobenzene	200	U	200	ug/L	400
				1,2,4-Trimethylbenzene	50	J	200	ug/L	400
				1,2-Dichlorobenzene	6000		200	ug/L	400
				1,2-Dichloroethane	200	U	200	ug/L	400
				1,2-Dichloropropane	200	U	200	ug/L	400
				1,3,5-Trimethylbenzene	200	U	200	ug/L	400
				1,3-Dichlorobenzene	190	J	200	ug/L	400
				1,3-Dichloropropane	200	U	200	ug/L	400
				1,4-Dichlorobenzene	1600		200	ug/L	400
				2,2-Dichloropropane	200	U	200	ug/L	400
				2-Butanone (MEK)	2000	U	2000	ug/L	400
				2-Chloroethylvinyl ether	2000	T5,U	2000	ug/L	400
				2-Chlorotoluene	200	U	200	ug/L	400
				4-Chlorotoluene	200	U	200	ug/L	400
				4-Methyl-2-pentanone (MIB)	420	J	2000	ug/L	400
				Acetone	3000	F9	2000	ug/L	400
				Acrolein	4000	U	4000	ug/L	400
				Acrylonitrile	4000	U	4000	ug/L	400
				Benzene	200	U	200	ug/L	400
				Bromobenzene	200	U	200	ug/L	400
				Bromochloromethane	200	U	200	ug/L	400
				Bromodichloromethane	200	U	200	ug/L	400
				Bromoform	200	U	200	ug/L	400
				Bromomethane	200	U	200	ug/L	400
				Carbon disulfide	200	U	200	ug/L	400
				Carbon tetrachloride	200	U	200	ug/L	400
				Chlorobenzene	1500		200	ug/L	400
				Chloroethane	200	U	200	ug/L	400
				Chloroform	1100		200	ug/L	400
				Chloromethane	200	U	200	ug/L	400
				cis-1,2-Dichloroethene	120	J	200	ug/L	400
				cis-1,3-Dichloropropene	200	U	200	ug/L	400
				Dibromochloromethane	200	U	200	ug/L	400
				Dibromochloropropane	2000	U	2000	ug/L	400
				Dibromomethane	200	U	200	ug/L	400
				Dichlorodifluoromethane	200	U	200	ug/L	400
				Diisopropyl ether	1200	U	1200	ug/L	400
				Ethyl tert-butyl ether	1200	U	1200	ug/L	400
				Ethylbenzene	200	U	200	ug/L	400
				Ethylene Dibromide	2000	U	2000	ug/L	400
				Hexachlorobutadiene	200	U	200	ug/L	400
				Isopropylbenzene	200	U	200	ug/L	400
				Methyl tert-butyl ether	1200	U	1200	ug/L	400
				Methylene chloride	870		200	ug/L	400
				Naphthalene	200	U	200	ug/L	400

* field duplicate result

Table 6: High Reporting Limits
(Samples collected from 3/17/2008 to 4/30/2008)

Area	Location Code	Collected	Client Sample ID	Analyte Name	Result	Lab Qualifier	Reporting Limit	Units	Dilution			
Zone 1	OW-68D1	03/18/2008	OW-68D1_0318081230	n-Butylbenzene	200	U	200	ug/L	400			
				n-Propylbenzene	200	U	200	ug/L	400			
				Perchlorate	120	W1	20	ug/L	200			
				Perchlorate	2000	F4,U	2000	ug/L	500			
				p-Isopropyltoluene	200	U	200	ug/L	400			
				sec-Butylbenzene	200	U	200	ug/L	400			
				Styrene	200	U	200	ug/L	400			
				Tert-amyl methyl ether (TA)	1200	U	1200	ug/L	400			
				Tert-Butyl alcohol	800	U	800	ug/L	400			
				tert-Butylbenzene	200	U	200	ug/L	400			
				Tetrachloroethene	470		200	ug/L	400			
				Toluene	110	J	200	ug/L	400			
				trans-1,2-Dichloroethene	200	U	200	ug/L	400			
				trans-1,3-Dichloropropene	200	U	200	ug/L	400			
				Trichloroethene	6300		200	ug/L	400			
				Trichlorofluoromethane	2000	U	2000	ug/L	400			
				Trichlorotrifluoroethane	4000	U	4000	ug/L	400			
				Vinyl acetate	4000	U	4000	ug/L	400			
				Vinyl chloride	200	U	200	ug/L	400			
				Xylenes (m+p)	200	U	200	ug/L	400			
				Xylenes (ortho)	200	U	200	ug/L	400			
				Xylenes (total)	200	U	200	ug/L	400			
							OW-68D1_0318081245	1,1,1,2-Tetrachloroethane	200	U	200	ug/L
						1,1,1-Trichloroethane		200	U	200	ug/L	400
						1,1,2,2-Tetrachloroethane		200	U	200	ug/L	400
						1,1,2-Trichloroethane		200	U	200	ug/L	400
						1,1-Dichloroethane		200	U	200	ug/L	400
						1,1-Dichloroethene		200	U	200	ug/L	400
						1,1-Dichloropropene		200	U	200	ug/L	400
						1,2,3-Trichlorobenzene		200	U	200	ug/L	400
						1,2,3-Trichloropropane		200	U	200	ug/L	400
						1,2,4-Trichlorobenzene		200	U	200	ug/L	400
						1,2,4-Trimethylbenzene		200	U	200	ug/L	400
						1,2-Dichlorobenzene		5600		200	ug/L	400
						1,2-Dichloroethane		200	U	200	ug/L	400
						1,2-Dichloropropane		200	U	200	ug/L	400
						1,3,5-Trimethylbenzene		200	U	200	ug/L	400
						1,3-Dichlorobenzene		180	J	200	ug/L	400
						1,3-Dichloropropane		200	U	200	ug/L	400
						1,4-Dichlorobenzene		1600		200	ug/L	400
						2,2-Dichloropropane		200	U	200	ug/L	400
						2-Butanone (MEK)		2000	U	2000	ug/L	400
						2-Chloroethylvinyl ether		2000	T5,U	2000	ug/L	400
						2-Chlorotoluene		200	U	200	ug/L	400
						4-Chlorotoluene		200	U	200	ug/L	400
						4-Methyl-2-pentanone (MIB)		500	J	2000	ug/L	400
						Acetone	3000	F9	2000	ug/L	400	
			Acrolein	4000	U	4000	ug/L	400				

* field duplicate result

Table 6: High Reporting Limits
(Samples collected from 3/17/2008 to 4/30/2008)

Area	Location Code	Collected	Client Sample ID	Analyte Name	Result	Lab Qualifier	Reporting Limit	Units	Dilution
Zone 1	OW-68D1	03/18/2008	OW-68D1_0318081245	Acrylonitrile	4000	U	4000	ug/L	400
				Benzene	200	U	200	ug/L	400
				Bromobenzene	200	U	200	ug/L	400
				Bromochloromethane	200	U	200	ug/L	400
				Bromodichloromethane	200	U	200	ug/L	400
				Bromoform	200	U	200	ug/L	400
				Bromomethane	200	U	200	ug/L	400
				Carbon disulfide	200	U	200	ug/L	400
				Carbon tetrachloride	200	U	200	ug/L	400
				Chlorobenzene	1600		200	ug/L	400
				Chloroethane	200	U	200	ug/L	400
				Chloroform	1100		200	ug/L	400
				Chloromethane	200	U	200	ug/L	400
				cis-1,2-Dichloroethene	120	J	200	ug/L	400
				cis-1,3-Dichloropropene	200	U	200	ug/L	400
				Dibromochloromethane	200	U	200	ug/L	400
				Dibromochloropropane	2000	U	2000	ug/L	400
				Dibromomethane	200	U	200	ug/L	400
				Dichlorodifluoromethane	200	U	200	ug/L	400
				Diisopropyl ether	1200	U	1200	ug/L	400
				Ethyl tert-butyl ether	1200	U	1200	ug/L	400
				Ethylbenzene	110	J	200	ug/L	400
				Ethylene Dibromide	2000	U	2000	ug/L	400
				Hexachlorobutadiene	200	U	200	ug/L	400
				Isopropylbenzene	200	U	200	ug/L	400
				Methyl tert-butyl ether	1200	U	1200	ug/L	400
				Methylene chloride	910		200	ug/L	400
				Naphthalene	200	U	200	ug/L	400
				n-Butylbenzene	200	U	200	ug/L	400
				n-Propylbenzene	200	U	200	ug/L	400
				Perchlorate	400	F4,U	400	ug/L	100
				Perchlorate	140	W1	20	ug/L	200
				p-Isopropyltoluene	200	U	200	ug/L	400
				sec-Butylbenzene	200	U	200	ug/L	400
				Styrene	200	U	200	ug/L	400
				Tert-amyl methyl ether (TA)	1200	U	1200	ug/L	400
				Tert-Butyl alcohol	800	U	800	ug/L	400
				tert-Butylbenzene	200	U	200	ug/L	400
				Tetrachloroethene	510		200	ug/L	400
				Toluene	130	J	200	ug/L	400
				trans-1,2-Dichloroethene	200	U	200	ug/L	400
				trans-1,3-Dichloropropene	200	U	200	ug/L	400
				Trichloroethene	7400		200	ug/L	400
				Trichlorofluoromethane	2000	U	2000	ug/L	400
				Trichlorotrifluoroethane	4000	U	4000	ug/L	400
				Vinyl acetate	4000	U	4000	ug/L	400
				Vinyl chloride	200	U	200	ug/L	400
				Xylenes (m+p)	160	J	200	ug/L	400
				Xylenes (ortho)	200	U	200	ug/L	400

* field duplicate result

Table 6: High Reporting Limits
(Samples collected from 3/17/2008 to 4/30/2008)

Area	Location Code	Collected	Client Sample ID	Analyte Name	Result	Lab Qualifier	Reporting Limit	Units	Dilution
Zone 1	OW-68D1	03/18/2008	OW-68D1_0318081245	Xylenes (total)	200	U	200	ug/L	400
			OW-68D1_0318081330	1,1,1,2-Tetrachloroethane	200	U	200	ug/L	400
				1,1,1-Trichloroethane	200	U	200	ug/L	400
				1,1,2,2-Tetrachloroethane	200	U	200	ug/L	400
				1,1,2-Trichloroethane	200	U	200	ug/L	400
				1,1-Dichloroethane	200	U	200	ug/L	400
				1,1-Dichloroethene	200	U	200	ug/L	400
				1,1-Dichloropropene	200	U	200	ug/L	400
				1,2,3-Trichlorobenzene	200	U	200	ug/L	400
				1,2,3-Trichloropropane	200	U	200	ug/L	400
				1,2,4-Trichlorobenzene	200	U	200	ug/L	400
				1,2,4-Trimethylbenzene	200	U	200	ug/L	400
				1,2-Dichlorobenzene	5300		200	ug/L	400
				1,2-Dichloroethane	200	U	200	ug/L	400
				1,2-Dichloropropane	200	U	200	ug/L	400
				1,3,5-Trimethylbenzene	200	U	200	ug/L	400
				1,3-Dichlorobenzene	160	J	200	ug/L	400
				1,3-Dichloropropane	200	U	200	ug/L	400
				1,4-Dichlorobenzene	1400		200	ug/L	400
				2,2-Dichloropropane	200	U	200	ug/L	400
				2-Butanone (MEK)	2000	U	2000	ug/L	400
				2-Chloroethylvinyl ether	2000	T5,U	2000	ug/L	400
				2-Chlorotoluene	200	U	200	ug/L	400
				4-Chlorotoluene	200	U	200	ug/L	400
				4-Methyl-2-pentanone (MIB)	470	J	2000	ug/L	400
				Acetone	2800	F9	2000	ug/L	400
				Acrolein	4000	U	4000	ug/L	400
				Acrylonitrile	4000	U	4000	ug/L	400
				Benzene	200	U	200	ug/L	400
				Bromobenzene	200	U	200	ug/L	400
				Bromochloromethane	200	U	200	ug/L	400
				Bromodichloromethane	200	U	200	ug/L	400
				Bromoform	200	U	200	ug/L	400
				Bromomethane	200	U	200	ug/L	400
				Carbon disulfide	200	U	200	ug/L	400
				Carbon tetrachloride	200	U	200	ug/L	400
	Chlorobenzene	1500		200	ug/L	400			
	Chloroethane	200	U	200	ug/L	400			
	Chloroform	980		200	ug/L	400			
	Chloromethane	200	U	200	ug/L	400			
	cis-1,2-Dichloroethene	110	J	200	ug/L	400			
	cis-1,3-Dichloropropene	200	U	200	ug/L	400			
	Dibromochloromethane	200	U	200	ug/L	400			
	Dibromochloropropane	2000	U	2000	ug/L	400			
	Dibromomethane	200	U	200	ug/L	400			
	Dichlorodifluoromethane	200	U	200	ug/L	400			
	Diisopropyl ether	1200	U	1200	ug/L	400			
	Ethyl tert-butyl ether	1200	U	1200	ug/L	400			

* field duplicate result

Table 6: High Reporting Limits
(Samples collected from 3/17/2008 to 4/30/2008)

Area	Location Code	Collected	Client Sample ID	Analyte Name	Result	Lab Qualifier	Reporting Limit	Units	Dilution			
Zone 1	OW-68D1	03/18/2008	OW-68D1_0318081330	Ethylbenzene	200	U	200	ug/L	400			
				Ethylene Dibromide	2000	U	2000	ug/L	400			
				Hexachlorobutadiene	200	U	200	ug/L	400			
				Isopropylbenzene	200	U	200	ug/L	400			
				Methyl tert-butyl ether	1200	U	1200	ug/L	400			
				Methylene chloride	830		200	ug/L	400			
				Naphthalene	200	U	200	ug/L	400			
				n-Butylbenzene	200	U	200	ug/L	400			
				n-Propylbenzene	200	U	200	ug/L	400			
				Perchlorate	4000	F4,U	4000	ug/L	1000			
				Perchlorate	120	W1	50	ug/L	500			
				p-Isopropyltoluene	200	U	200	ug/L	400			
				sec-Butylbenzene	200	U	200	ug/L	400			
				Styrene	200	U	200	ug/L	400			
				Tert-amyl methyl ether (TA)	1200	U	1200	ug/L	400			
				Tert-Butyl alcohol	800	U	800	ug/L	400			
				tert-Butylbenzene	200	U	200	ug/L	400			
				Tetrachloroethene	410		200	ug/L	400			
				Toluene	100	J	200	ug/L	400			
				trans-1,2-Dichloroethene	200	U	200	ug/L	400			
				trans-1,3-Dichloropropene	200	U	200	ug/L	400			
				Trichloroethene	6200		200	ug/L	400			
				Trichlorofluoromethane	2000	U	2000	ug/L	400			
				Trichlorotrifluoroethane	4000	U	4000	ug/L	400			
				Vinyl acetate	4000	U	4000	ug/L	400			
				Vinyl chloride	200	U	200	ug/L	400			
				Xylenes (m+p)	200	U	200	ug/L	400			
				Xylenes (ortho)	200	U	200	ug/L	400			
				Xylenes (total)	200	U	200	ug/L	400			
					04/24/2008	OW-68D1_0424081755	1,1,1,2-Tetrachloroethane	200	U	200	ug/L	400
				1,1,1-Trichloroethane			200	U	200	ug/L	400	
				1,1,2,2-Tetrachloroethane			200	U	200	ug/L	400	
				1,1,2-Trichloroethane			200	U	200	ug/L	400	
				1,1-Dichloroethane			200	U	200	ug/L	400	
				1,1-Dichloroethene			200	U	200	ug/L	400	
				1,1-Dichloropropene			200	U	200	ug/L	400	
				1,2,3-Trichlorobenzene			200	U	200	ug/L	400	
		1,2,3-Trichloropropane	200	U			200	ug/L	400			
		1,2,4-Trichlorobenzene	200	U			200	ug/L	400			
		1,2,4-Trimethylbenzene	50	J			200	ug/L	400			
		1,2-Dichlorobenzene	5400				200	ug/L	400			
		1,2-Dichloroethane	200	U			200	ug/L	400			
		1,2-Dichloropropane	200	U			200	ug/L	400			
1,3,5-Trimethylbenzene	200	U	200	ug/L			400					
1,3-Dichlorobenzene	160	J	200	ug/L			400					
1,3-Dichloropropane	200	U	200	ug/L	400							
1,4-Dichlorobenzene	1600		200	ug/L	400							
2,2-Dichloropropane	200	U	200	ug/L	400							

* field duplicate result

Table 6: High Reporting Limits
(Samples collected from 3/17/2008 to 4/30/2008)

Area	Location Code	Collected	Client Sample ID	Analyte Name	Result	Lab Qualifier	Reporting Limit	Units	Dilution
Zone 1	OW-68D1	04/24/2008	OW-68D1_0424081755	2-Butanone (MEK)	2000	U	2000	ug/L	400
				2-Chloroethylvinyl ether	2000	T5,U	2000	ug/L	400
				2-Chlorotoluene	200	U	200	ug/L	400
				4-Chlorotoluene	200	U	200	ug/L	400
				4-Methyl-2-pentanone (MIB)	440	J	2000	ug/L	400
				Acetone	2600		2000	ug/L	400
				Acrolein	4000	U	4000	ug/L	400
				Acrylonitrile	4000	U	4000	ug/L	400
				Aluminum	940000	Y1	1000	ug/L	20
				Aluminum	980000		1000	ug/L	20
				Benzene	200	U	200	ug/L	400
				Beryllium	64	Y1	20	ug/L	20
				Bromobenzene	200	U	200	ug/L	400
				Bromochloromethane	200	U	200	ug/L	400
				Bromodichloromethane	200	U	200	ug/L	400
				Bromoform	200	U	200	ug/L	400
				Bromomethane	200	U	200	ug/L	400
				Calcium	450		20	mg/L	20
				Carbon disulfide	200	U	200	ug/L	400
				Carbon tetrachloride	200	U	200	ug/L	400
				Chloride	190		100	mg/L	100
				Chlorobenzene	1500		200	ug/L	400
				Chloroethane	200	U	200	ug/L	400
				Chloroform	1000		200	ug/L	400
				Chloromethane	200	U	200	ug/L	400
				cis-1,2-Dichloroethene	130	J	200	ug/L	400
				cis-1,3-Dichloropropene	200	U	200	ug/L	400
				Copper	5300	Y1	200	ug/L	20
				Copper	5700		200	ug/L	20
				Dibromochloromethane	200	U	200	ug/L	400
				Dibromochloropropane	2000	U	2000	ug/L	400
				Dibromomethane	200	U	200	ug/L	400
				Dichlorodifluoromethane	200	U	200	ug/L	400
				Diisopropyl ether	1200	U	1200	ug/L	400
				Ethyl tert-butyl ether	1200	U	1200	ug/L	400
				Ethylbenzene	200	U	200	ug/L	400
				Ethylene Dibromide	2000	U	2000	ug/L	400
				Fluoride	160		25	mg/L	250
				Hexachlorobutadiene	200	U	200	ug/L	400
				Hexavalent Chromium	10	F4	10	ug/L	10
				Iron	250000	Y1	400	ug/L	20
				Iron	260000		400	ug/L	20
				Isopropylbenzene	200	U	200	ug/L	400
				Magnesium	590		20	mg/L	20
				Manganese	180000		200	ug/L	20
				Methyl tert-butyl ether	1200	U	1200	ug/L	400
				Methylene chloride	870		200	ug/L	400
				Naphthalene	200	U	200	ug/L	400
				n-Butylbenzene	200	U	200	ug/L	400

* field duplicate result

Table 6: High Reporting Limits
(Samples collected from 3/17/2008 to 4/30/2008)

Area	Location Code	Collected	Client Sample ID	Analyte Name	Result	Lab Qualifier	Reporting Limit	Units	Dilution
Zone 1	OW-68D1	04/24/2008	OW-68D1_0424081755	Nickel	10000	Y1	200	ug/L	20
				Nickel	11000		200	ug/L	20
				Nitrate-Nitrogen	15		5.0	mg/L	25
				n-Propylbenzene	200	U	200	ug/L	400
				p-Chlorobenzenesulfonic a	830	W1	250	mg/L	25
				Perchlorate	800	U	800	ug/L	200
				p-Isopropyltoluene	200	U	200	ug/L	400
				sec-Butylbenzene	200	U	200	ug/L	400
				Sodium	610		5.0	mg/L	5
				Styrene	200	U	200	ug/L	400
				Sulfate	11000		50	mg/L	100
				Tert-amyl methyl ether (TA	1200	U	1200	ug/L	400
				Tert-Butyl alcohol	800	U	800	ug/L	400
				tert-Butylbenzene	200	U	200	ug/L	400
				Tetrachloroethene	440		200	ug/L	400
				Toluene	140	J	200	ug/L	400
				Total Cations	98.8		0.2	me/L	5
				Total Chromium	35000	Y1	200	ug/L	20
				Total Chromium	37000		200	ug/L	20
				trans-1,2-Dichloroethene	200	U	200	ug/L	400
				trans-1,3-Dichloropropene	200	U	200	ug/L	400
				Trichloroethene	7100		200	ug/L	400
				Trichlorofluoromethane	2000	U	2000	ug/L	400
				Trichlorotrifluoroethane	4000	U	4000	ug/L	400
				Vanadium	1400		200	ug/L	20
				Vanadium	1500	Y1	200	ug/L	20
				Vinyl acetate	4000	U	4000	ug/L	400
				Vinyl chloride	200	U	200	ug/L	400
				Xylenes (m+p)	200	U	200	ug/L	400
				Xylenes (ortho)	200	U	200	ug/L	400
Xylenes (total)	180	J	200	ug/L	400				
Zinc	30000	Y1	200	ug/L	20				
Zinc	34000		200	ug/L	20				
Zone 2	MW-9B	03/17/2008	MW-9B_0317081730	1,1,1,2-Tetrachloroethane	5.0	U	5.0	ug/L	10
				1,1,1-Trichloroethane	5.0	U	5.0	ug/L	10
				1,1,2,2-Tetrachloroethane	5.0	U	5.0	ug/L	10
				1,1,2-Trichloroethane	5.0	U	5.0	ug/L	10
				1,1-Dichloroethane	5.0	U	5.0	ug/L	10
				1,1-Dichloroethene	5.0	U	5.0	ug/L	10
				1,1-Dichloropropene	5.0	U	5.0	ug/L	10
				1,2,3-Trichlorobenzene	5.0	U	5.0	ug/L	10
				1,2,3-Trichloropropane	5.0	U	5.0	ug/L	10
				1,2,4-Trichlorobenzene	5.0	U	5.0	ug/L	10
				1,2,4-Trimethylbenzene	5.0	U	5.0	ug/L	10
				1,2-Dichlorobenzene	5.0	U	5.0	ug/L	10
				1,2-Dichloroethane	5.0	U	5.0	ug/L	10
				1,2-Dichloropropane	5.0	U	5.0	ug/L	10

* field duplicate result

Table 6: High Reporting Limits
(Samples collected from 3/17/2008 to 4/30/2008)

Area	Location Code	Collected	Client Sample ID	Analyte Name	Result	Lab Qualifier	Reporting Limit	Units	Dilution
Zone 2	MW-9B	03/17/2008	MW-9B_0317081730	1,3,5-Trimethylbenzene	5.0	U	5.0	ug/L	10
				1,3-Dichlorobenzene	5.0	U	5.0	ug/L	10
				1,3-Dichloropropane	5.0	U	5.0	ug/L	10
				1,4-Dichlorobenzene	5.0	U	5.0	ug/L	10
				2,2-Dichloropropane	5.0	U	5.0	ug/L	10
				2-Butanone (MEK)	50	U	50	ug/L	10
				2-Chloroethylvinyl ether	50	T5,U	50	ug/L	10
				2-Chlorotoluene	5.0	U	5.0	ug/L	10
				4-Chlorotoluene	5.0	U	5.0	ug/L	10
				4-Methyl-2-pentanone (MIB)	50	U	50	ug/L	10
				Acetone	50	J,F9	50	ug/L	10
				Acrolein	100	U	100	ug/L	10
				Acrylonitrile	100	U	100	ug/L	10
				Benzene	5.0	U	5.0	ug/L	10
				Bromobenzene	5.0	U	5.0	ug/L	10
				Bromochloromethane	5.0	U	5.0	ug/L	10
				Bromodichloromethane	5.0	U	5.0	ug/L	10
				Bromoform	5.0	U	5.0	ug/L	10
				Bromomethane	5.0	U	5.0	ug/L	10
				Carbon disulfide	5.0	U	5.0	ug/L	10
				Carbon tetrachloride	5.0	U	5.0	ug/L	10
				Chlorobenzene	5.0	U	5.0	ug/L	10
				Chloroethane	5.0	U	5.0	ug/L	10
				Chloroform	5.6		5.0	ug/L	10
				Chloromethane	5.0	U	5.0	ug/L	10
				cis-1,2-Dichloroethene	5.0	U	5.0	ug/L	10
				cis-1,3-Dichloropropene	5.0	U	5.0	ug/L	10
				Dibromochloromethane	5.0	U	5.0	ug/L	10
				Dibromochloropropane	50	U	50	ug/L	10
				Dibromomethane	5.0	U	5.0	ug/L	10
				Dichlorodifluoromethane	5.0	U	5.0	ug/L	10
				Diisopropyl ether	30	U	30	ug/L	10
				Ethyl tert-butyl ether	30	U	30	ug/L	10
				Ethylbenzene	5.0	U	5.0	ug/L	10
				Ethylene Dibromide	50	U	50	ug/L	10
				Hexachlorobutadiene	5.0	U	5.0	ug/L	10
				Isopropylbenzene	5.0	U	5.0	ug/L	10
				Methyl tert-butyl ether	30	U	30	ug/L	10
				Methylene chloride	5.0	U	5.0	ug/L	10
				Naphthalene	5.0	U	5.0	ug/L	10
				n-Butylbenzene	5.0	U	5.0	ug/L	10
				n-Propylbenzene	5.0	U	5.0	ug/L	10
Perchlorate	390	W1	10	ug/L	100				
Perchlorate	440		20	ug/L	5				
p-Isopropyltoluene	5.0	U	5.0	ug/L	10				
sec-Butylbenzene	5.0	U	5.0	ug/L	10				
Styrene	5.0	U	5.0	ug/L	10				
Tert-amyl methyl ether (TA)	30	U	30	ug/L	10				
Tert-Butyl alcohol	20	U	20	ug/L	10				

* field duplicate result

Table 6: High Reporting Limits
(Samples collected from 3/17/2008 to 4/30/2008)

Area	Location Code	Collected	Client Sample ID	Analyte Name	Result	Lab Qualifier	Reporting Limit	Units	Dilution	
Zone 2	MW-9B	03/17/2008	MW-9B_0317081730	tert-Butylbenzene	5.0	U	5.0	ug/L	10	
				Tetrachloroethene	5.0	U	5.0	ug/L	10	
				Toluene	5.0	U	5.0	ug/L	10	
				trans-1,2-Dichloroethene	5.0	U	5.0	ug/L	10	
				trans-1,3-Dichloropropene	5.0	U	5.0	ug/L	10	
				Trichloroethene	120		5.0	ug/L	10	
				Trichlorofluoromethane	50	U	50	ug/L	10	
				Trichlorotrifluoroethane	100	U	100	ug/L	10	
				Vinyl acetate	100	U	100	ug/L	10	
				Vinyl chloride	5.0	U	5.0	ug/L	10	
				Xylenes (m+p)	5.0	U	5.0	ug/L	10	
				Xylenes (ortho)	5.0	U	5.0	ug/L	10	
				Xylenes (total)	5.0	U	5.0	ug/L	10	
				MW-9B_0317081735	1,1,1,2-Tetrachloroethane	5.0	U	5.0	ug/L	10
					1,1,1-Trichloroethane	5.0	U	5.0	ug/L	10
					1,1,2,2-Tetrachloroethane	5.0	U	5.0	ug/L	10
					1,1,2-Trichloroethane	5.0	U	5.0	ug/L	10
					1,1-Dichloroethane	5.0	U	5.0	ug/L	10
			1,1-Dichloroethene		5.0	U	5.0	ug/L	10	
			1,1-Dichloropropene		5.0	U	5.0	ug/L	10	
			1,2,3-Trichlorobenzene		5.0	U	5.0	ug/L	10	
			1,2,3-Trichloropropane		5.0	U	5.0	ug/L	10	
			1,2,4-Trichlorobenzene		5.0	U	5.0	ug/L	10	
			1,2,4-Trimethylbenzene		5.0	U	5.0	ug/L	10	
			1,2-Dichlorobenzene		5.0	U	5.0	ug/L	10	
			1,2-Dichloroethane		5.0	U	5.0	ug/L	10	
			1,2-Dichloropropane		5.0	U	5.0	ug/L	10	
			1,3,5-Trimethylbenzene		5.0	U	5.0	ug/L	10	
			1,3-Dichlorobenzene		5.0	U	5.0	ug/L	10	
			1,3-Dichloropropane		5.0	U	5.0	ug/L	10	
			1,4-Dichlorobenzene		5.0	U	5.0	ug/L	10	
			2,2-Dichloropropane		5.0	U	5.0	ug/L	10	
			2-Butanone (MEK)		50	U	50	ug/L	10	
			2-Chloroethylvinyl ether		50	T5,U	50	ug/L	10	
			2-Chlorotoluene		5.0	U	5.0	ug/L	10	
			4-Chlorotoluene		5.0	U	5.0	ug/L	10	
			4-Methyl-2-pentanone (MIB)		50	U	50	ug/L	10	
			Acetone	50	J,F9	50	ug/L	10		
			Acrolein	100	U	100	ug/L	10		
			Acrylonitrile	100	U	100	ug/L	10		
			Benzene	5.0	U	5.0	ug/L	10		
			Bromobenzene	5.0	U	5.0	ug/L	10		
Bromochloromethane	5.0	U	5.0	ug/L	10					
Bromodichloromethane	5.0	U	5.0	ug/L	10					
Bromoform	5.0	U	5.0	ug/L	10					
Bromomethane	5.0	U	5.0	ug/L	10					
Carbon disulfide	5.0	U	5.0	ug/L	10					
Carbon tetrachloride	5.0	U	5.0	ug/L	10					

* field duplicate result

Table 6: High Reporting Limits
(Samples collected from 3/17/2008 to 4/30/2008)

Area	Location Code	Collected	Client Sample ID	Analyte Name	Result	Lab Qualifier	Reporting Limit	Units	Dilution
Zone 2	MW-9B	03/17/2008	MW-9B_0317081735	Chlorobenzene	5.0	U	5.0	ug/L	10
				Chloroethane	5.0	U	5.0	ug/L	10
				Chloroform	6.1		5.0	ug/L	10
				Chloromethane	5.0	U	5.0	ug/L	10
				cis-1,2-Dichloroethene	5.0	U	5.0	ug/L	10
				cis-1,3-Dichloropropene	5.0	U	5.0	ug/L	10
				Dibromochloromethane	5.0	U	5.0	ug/L	10
				Dibromochloropropane	50	U	50	ug/L	10
				Dibromomethane	5.0	U	5.0	ug/L	10
				Dichlorodifluoromethane	5.0	U	5.0	ug/L	10
				Diisopropyl ether	30	U	30	ug/L	10
				Ethyl tert-butyl ether	30	U	30	ug/L	10
				Ethylbenzene	5.0	U	5.0	ug/L	10
				Ethylene Dibromide	50	U	50	ug/L	10
				Hexachlorobutadiene	5.0	U	5.0	ug/L	10
				Isopropylbenzene	5.0	U	5.0	ug/L	10
				Methyl tert-butyl ether	30	U	30	ug/L	10
				Methylene chloride	5.0	U	5.0	ug/L	10
				Naphthalene	5.0	U	5.0	ug/L	10
				n-Butylbenzene	5.0	U	5.0	ug/L	10
				n-Propylbenzene	5.0	U	5.0	ug/L	10
				Perchlorate	400	W1	10	ug/L	100
				Perchlorate	450		20	ug/L	5
				p-Isopropyltoluene	5.0	U	5.0	ug/L	10
				sec-Butylbenzene	5.0	U	5.0	ug/L	10
				Styrene	5.0	U	5.0	ug/L	10
				Tert-amyl methyl ether (TA)	30	U	30	ug/L	10
				Tert-Butyl alcohol	20	U	20	ug/L	10
				tert-Butylbenzene	5.0	U	5.0	ug/L	10
				Tetrachloroethene	5.0	U	5.0	ug/L	10
				Toluene	5.0	U	5.0	ug/L	10
				trans-1,2-Dichloroethene	5.0	U	5.0	ug/L	10
				trans-1,3-Dichloropropene	5.0	U	5.0	ug/L	10
				Trichloroethene	130		5.0	ug/L	10
				Trichlorofluoromethane	50	U	50	ug/L	10
				Trichlorotrifluoroethane	100	U	100	ug/L	10
				Vinyl acetate	100	U	100	ug/L	10
				Vinyl chloride	5.0	U	5.0	ug/L	10
				Xylenes (m+p)	5.0	U	5.0	ug/L	10
				Xylenes (ortho)	5.0	U	5.0	ug/L	10
				Xylenes (total)	5.0	U	5.0	ug/L	10
							MW-9B_0317081800	1,1,1,2-Tetrachloroethane	5.0
				1,1,1-Trichloroethane	5.0	U	5.0	ug/L	10
				1,1,2,2-Tetrachloroethane	5.0	U	5.0	ug/L	10
				1,1,2-Trichloroethane	5.0	U	5.0	ug/L	10
				1,1-Dichloroethane	5.0	U	5.0	ug/L	10
				1,1-Dichloroethene	5.0	U	5.0	ug/L	10
				1,1-Dichloropropene	5.0	U	5.0	ug/L	10

* field duplicate result

Table 6: High Reporting Limits
(Samples collected from 3/17/2008 to 4/30/2008)

Area	Location Code	Collected	Client Sample ID	Analyte Name	Result	Lab Qualifier	Reporting Limit	Units	Dilution
Zone 2	MW-9B	03/17/2008	MW-9B_0317081800	1,2,3-Trichlorobenzene	5.0	U	5.0	ug/L	10
				1,2,3-Trichloropropane	5.0	U	5.0	ug/L	10
				1,2,4-Trichlorobenzene	5.0	U	5.0	ug/L	10
				1,2,4-Trimethylbenzene	5.0	U	5.0	ug/L	10
				1,2-Dichlorobenzene	5.0	U	5.0	ug/L	10
				1,2-Dichloroethane	5.0	U	5.0	ug/L	10
				1,2-Dichloropropane	5.0	U	5.0	ug/L	10
				1,3,5-Trimethylbenzene	5.0	U	5.0	ug/L	10
				1,3-Dichlorobenzene	5.0	U	5.0	ug/L	10
				1,3-Dichloropropane	5.0	U	5.0	ug/L	10
				1,4-Dichlorobenzene	5.0	U	5.0	ug/L	10
				2,2-Dichloropropane	5.0	U	5.0	ug/L	10
				2-Butanone (MEK)	50	U	50	ug/L	10
				2-Chloroethylvinyl ether	50	T5,U	50	ug/L	10
				2-Chlorotoluene	5.0	U	5.0	ug/L	10
				4-Chlorotoluene	5.0	U	5.0	ug/L	10
				4-Methyl-2-pentanone (MIB)	50	U	50	ug/L	10
				Acetone	50	J,F9	50	ug/L	10
				Acrolein	100	U	100	ug/L	10
				Acrylonitrile	100	U	100	ug/L	10
				Benzene	5.0	U	5.0	ug/L	10
				Bromobenzene	5.0	U	5.0	ug/L	10
				Bromochloromethane	5.0	U	5.0	ug/L	10
				Bromodichloromethane	5.0	U	5.0	ug/L	10
				Bromoform	5.0	U	5.0	ug/L	10
				Bromomethane	5.0	U	5.0	ug/L	10
				Carbon disulfide	5.0	U	5.0	ug/L	10
				Carbon tetrachloride	5.0	U	5.0	ug/L	10
				Chlorobenzene	5.0	U	5.0	ug/L	10
				Chloroethane	5.0	U	5.0	ug/L	10
				Chloroform	5.2		5.0	ug/L	10
				Chloromethane	5.0	U	5.0	ug/L	10
				cis-1,2-Dichloroethene	5.0	U	5.0	ug/L	10
				cis-1,3-Dichloropropene	5.0	U	5.0	ug/L	10
				Dibromochloromethane	5.0	U	5.0	ug/L	10
				Dibromochloropropane	50	U	50	ug/L	10
				Dibromomethane	5.0	U	5.0	ug/L	10
				Dichlorodifluoromethane	5.0	U	5.0	ug/L	10
				Diisopropyl ether	30	U	30	ug/L	10
				Ethyl tert-butyl ether	30	U	30	ug/L	10
				Ethylbenzene	5.0	U	5.0	ug/L	10
				Ethylene Dibromide	50	U	50	ug/L	10
				Hexachlorobutadiene	5.0	U	5.0	ug/L	10
				Isopropylbenzene	5.0	U	5.0	ug/L	10
				Methyl tert-butyl ether	30	U	30	ug/L	10
				Methylene chloride	5.0	U	5.0	ug/L	10
				Naphthalene	5.0	U	5.0	ug/L	10
				n-Butylbenzene	5.0	U	5.0	ug/L	10
				n-Propylbenzene	5.0	U	5.0	ug/L	10

* field duplicate result

Table 6: High Reporting Limits
(Samples collected from 3/17/2008 to 4/30/2008)

Area	Location Code	Collected	Client Sample ID	Analyte Name	Result	Lab Qualifier	Reporting Limit	Units	Dilution				
Zone 2	MW-9B	03/17/2008	MW-9B_0317081800	Perchlorate	410	W1	10	ug/L	100				
				Perchlorate	460		20	ug/L	5				
				p-Isopropyltoluene	5.0	U	5.0	ug/L	10				
				sec-Butylbenzene	5.0	U	5.0	ug/L	10				
				Styrene	5.0	U	5.0	ug/L	10				
				Tert-amyl methyl ether (TA)	30	U	30	ug/L	10				
				Tert-Butyl alcohol	20	U	20	ug/L	10				
				tert-Butylbenzene	5.0	U	5.0	ug/L	10				
				Tetrachloroethene	5.0	U	5.0	ug/L	10				
				Toluene	5.0	U	5.0	ug/L	10				
				trans-1,2-Dichloroethene	5.0	U	5.0	ug/L	10				
				trans-1,3-Dichloropropene	5.0	U	5.0	ug/L	10				
				Trichloroethene	140		5.0	ug/L	10				
				Trichlorofluoromethane	50	U	50	ug/L	10				
				Trichlorotrifluoroethane	100	U	100	ug/L	10				
				Vinyl acetate	100	U	100	ug/L	10				
				Vinyl chloride	5.0	U	5.0	ug/L	10				
				Xylenes (m+p)	5.0	U	5.0	ug/L	10				
				Xylenes (ortho)	5.0	U	5.0	ug/L	10				
				Xylenes (total)	5.0	U	5.0	ug/L	10				
							MW-9B_0317081815	1,1,1,2-Tetrachloroethane	5.0	U	5.0	ug/L	10
								1,1,1-Trichloroethane	5.0	U	5.0	ug/L	10
								1,1,2,2-Tetrachloroethane	5.0	U	5.0	ug/L	10
								1,1,2-Trichloroethane	5.0	U	5.0	ug/L	10
								1,1-Dichloroethane	5.0	U	5.0	ug/L	10
								1,1-Dichloroethene	5.0	U	5.0	ug/L	10
								1,1-Dichloropropene	5.0	U	5.0	ug/L	10
						1,2,3-Trichlorobenzene		5.0	U	5.0	ug/L	10	
						1,2,3-Trichloropropane		5.0	U	5.0	ug/L	10	
						1,2,4-Trichlorobenzene		5.0	U	5.0	ug/L	10	
						1,2,4-Trimethylbenzene		5.0	U	5.0	ug/L	10	
						1,2-Dichlorobenzene		5.0	U	5.0	ug/L	10	
						1,2-Dichloroethane		5.0	U	5.0	ug/L	10	
						1,2-Dichloropropane		5.0	U	5.0	ug/L	10	
						1,3,5-Trimethylbenzene		5.0	U	5.0	ug/L	10	
						1,3-Dichlorobenzene		5.0	U	5.0	ug/L	10	
						1,3-Dichloropropane		5.0	U	5.0	ug/L	10	
						1,4-Dichlorobenzene		5.0	U	5.0	ug/L	10	
						2,2-Dichloropropane		5.0	U	5.0	ug/L	10	
						2-Butanone (MEK)		50	U	50	ug/L	10	
						2-Chloroethylvinyl ether	50	T5,U	50	ug/L	10		
						2-Chlorotoluene	5.0	U	5.0	ug/L	10		
						4-Chlorotoluene	5.0	U	5.0	ug/L	10		
						4-Methyl-2-pentanone (MIB)	50	U	50	ug/L	10		
						Acetone	50	J,F9	50	ug/L	10		
						Acrolein	100	U	100	ug/L	10		
						Acrylonitrile	100	U	100	ug/L	10		
			Benzene	5.0	U	5.0	ug/L	10					

* field duplicate result

Table 6: High Reporting Limits
(Samples collected from 3/17/2008 to 4/30/2008)

Area	Location Code	Collected	Client Sample ID	Analyte Name	Result	Lab Qualifier	Reporting Limit	Units	Dilution
Zone 2	MW-9B	03/17/2008	MW-9B_0317081815	Bromobenzene	5.0	U	5.0	ug/L	10
				Bromochloromethane	5.0	U	5.0	ug/L	10
				Bromodichloromethane	5.0	U	5.0	ug/L	10
				Bromoform	5.0	U	5.0	ug/L	10
				Bromomethane	5.0	U	5.0	ug/L	10
				Carbon disulfide	5.0	U	5.0	ug/L	10
				Carbon tetrachloride	5.0	U	5.0	ug/L	10
				Chlorobenzene	5.0	U	5.0	ug/L	10
				Chloroethane	5.0	U	5.0	ug/L	10
				Chloroform	6.0		5.0	ug/L	10
				Chloromethane	5.0	U	5.0	ug/L	10
				cis-1,2-Dichloroethene	5.0	U	5.0	ug/L	10
				cis-1,3-Dichloropropene	5.0	U	5.0	ug/L	10
				Dibromochloromethane	5.0	U	5.0	ug/L	10
				Dibromochloropropane	50	U	50	ug/L	10
				Dibromomethane	5.0	U	5.0	ug/L	10
				Dichlorodifluoromethane	5.0	U	5.0	ug/L	10
				Diisopropyl ether	30	U	30	ug/L	10
				Ethyl tert-butyl ether	30	U	30	ug/L	10
				Ethylbenzene	5.0	U	5.0	ug/L	10
				Ethylene Dibromide	50	U	50	ug/L	10
				Hexachlorobutadiene	5.0	U	5.0	ug/L	10
				Isopropylbenzene	5.0	U	5.0	ug/L	10
				Methyl tert-butyl ether	30	U	30	ug/L	10
				Methylene chloride	5.0	U	5.0	ug/L	10
				Naphthalene	5.0	U	5.0	ug/L	10
				n-Butylbenzene	5.0	U	5.0	ug/L	10
				n-Propylbenzene	5.0	U	5.0	ug/L	10
				Perchlorate	410	W1	10	ug/L	100
				Perchlorate	470		20	ug/L	5
				p-Isopropyltoluene	5.0	U	5.0	ug/L	10
				sec-Butylbenzene	5.0	U	5.0	ug/L	10
				Styrene	5.0	U	5.0	ug/L	10
				Tert-amyl methyl ether (TA)	30	U	30	ug/L	10
				Tert-Butyl alcohol	20	U	20	ug/L	10
				tert-Butylbenzene	5.0	U	5.0	ug/L	10
				Tetrachloroethene	5.0	U	5.0	ug/L	10
				Toluene	5.0	U	5.0	ug/L	10
				trans-1,2-Dichloroethene	5.0	U	5.0	ug/L	10
				trans-1,3-Dichloropropene	5.0	U	5.0	ug/L	10
				Trichloroethene	140		5.0	ug/L	10
				Trichlorofluoromethane	50	U	50	ug/L	10
				Trichlorotrifluoroethane	100	U	100	ug/L	10
				Vinyl acetate	100	U	100	ug/L	10
				Vinyl chloride	5.0	U	5.0	ug/L	10
				Xylenes (m+p)	5.0	U	5.0	ug/L	10
				Xylenes (ortho)	5.0	U	5.0	ug/L	10
				Xylenes (total)	5.0	U	5.0	ug/L	10

* field duplicate result

Table 6: High Reporting Limits
(Samples collected from 3/17/2008 to 4/30/2008)

Area	Location Code	Collected	Client Sample ID	Analyte Name	Result	Lab Qualifier	Reporting Limit	Units	Dilution
Zone 2	MW-9B	03/17/2008	MW-9B_0317081845	1,1,1,2-Tetrachloroethane	5.0	U	5.0	ug/L	10
				1,1,1-Trichloroethane	5.0	U	5.0	ug/L	10
				1,1,2,2-Tetrachloroethane	5.0	U	5.0	ug/L	10
				1,1,2-Trichloroethane	5.0	U	5.0	ug/L	10
				1,1-Dichloroethane	5.0	U	5.0	ug/L	10
				1,1-Dichloroethene	5.0	U	5.0	ug/L	10
				1,1-Dichloropropene	5.0	U	5.0	ug/L	10
				1,2,3-Trichlorobenzene	5.0	U	5.0	ug/L	10
				1,2,3-Trichloropropane	5.0	U	5.0	ug/L	10
				1,2,4-Trichlorobenzene	5.0	U	5.0	ug/L	10
				1,2,4-Trimethylbenzene	5.0	U	5.0	ug/L	10
				1,2-Dichlorobenzene	5.0	U	5.0	ug/L	10
				1,2-Dichloroethane	5.0	U	5.0	ug/L	10
				1,2-Dichloropropane	5.0	U	5.0	ug/L	10
				1,3,5-Trimethylbenzene	5.0	U	5.0	ug/L	10
				1,3-Dichlorobenzene	5.0	U	5.0	ug/L	10
				1,3-Dichloropropane	5.0	U	5.0	ug/L	10
				1,4-Dichlorobenzene	5.0	U	5.0	ug/L	10
				2,2-Dichloropropane	5.0	U	5.0	ug/L	10
				2-Butanone (MEK)	50	U	50	ug/L	10
				2-Chloroethylvinyl ether	50	T5,U	50	ug/L	10
				2-Chlorotoluene	5.0	U	5.0	ug/L	10
				4-Chlorotoluene	5.0	U	5.0	ug/L	10
				4-Methyl-2-pentanone (MIB)	50	U	50	ug/L	10
				Acetone	50	J,F9	50	ug/L	10
				Acrolein	100	U	100	ug/L	10
				Acrylonitrile	100	U	100	ug/L	10
				Benzene	5.0	U	5.0	ug/L	10
				Bromobenzene	5.0	U	5.0	ug/L	10
				Bromochloromethane	5.0	U	5.0	ug/L	10
				Bromodichloromethane	5.0	U	5.0	ug/L	10
				Bromoform	5.0	U	5.0	ug/L	10
				Bromomethane	5.0	U	5.0	ug/L	10
				Carbon disulfide	5.0	U	5.0	ug/L	10
				Carbon tetrachloride	5.0	U	5.0	ug/L	10
				Chlorobenzene	5.0	U	5.0	ug/L	10
				Chloroethane	5.0	U	5.0	ug/L	10
				Chloroform	5.0		5.0	ug/L	10
				Chloromethane	5.0	U	5.0	ug/L	10
				cis-1,2-Dichloroethene	5.0	U	5.0	ug/L	10
				cis-1,3-Dichloropropene	5.0	U	5.0	ug/L	10
				Dibromochloromethane	5.0	U	5.0	ug/L	10
				Dibromochloropropane	50	U	50	ug/L	10
				Dibromomethane	5.0	U	5.0	ug/L	10
				Dichlorodifluoromethane	5.0	U	5.0	ug/L	10
				Diisopropyl ether	30	U	30	ug/L	10
				Ethyl tert-butyl ether	30	U	30	ug/L	10
				Ethylbenzene	5.0	U	5.0	ug/L	10
				Ethylene Dibromide	50	U	50	ug/L	10

* field duplicate result

Table 6: High Reporting Limits
(Samples collected from 3/17/2008 to 4/30/2008)

Area	Location Code	Collected	Client Sample ID	Analyte Name	Result	Lab Qualifier	Reporting Limit	Units	Dilution			
Zone 2	MW-9B	03/17/2008	MW-9B_0317081845	Hexachlorobutadiene	5.0	U	5.0	ug/L	10			
				Isopropylbenzene	5.0	U	5.0	ug/L	10			
				Methyl tert-butyl ether	30	U	30	ug/L	10			
				Methylene chloride	5.0	U	5.0	ug/L	10			
				Naphthalene	5.0	U	5.0	ug/L	10			
				n-Butylbenzene	5.0	U	5.0	ug/L	10			
				n-Propylbenzene	5.0	U	5.0	ug/L	10			
				Perchlorate	410	W1	10	ug/L	100			
				Perchlorate	420		20	ug/L	5			
				p-Isopropyltoluene	5.0	U	5.0	ug/L	10			
				sec-Butylbenzene	5.0	U	5.0	ug/L	10			
				Styrene	5.0	U	5.0	ug/L	10			
				Tert-amyl methyl ether (TA	30	U	30	ug/L	10			
				Tert-Butyl alcohol	20	U	20	ug/L	10			
				tert-Butylbenzene	5.0	U	5.0	ug/L	10			
				Tetrachloroethene	5.0	U	5.0	ug/L	10			
				Toluene	5.0	U	5.0	ug/L	10			
				trans-1,2-Dichloroethene	5.0	U	5.0	ug/L	10			
				trans-1,3-Dichloropropene	5.0	U	5.0	ug/L	10			
				Trichloroethene	130		5.0	ug/L	10			
				Trichlorofluoromethane	50	U	50	ug/L	10			
				Trichlorotrifluoroethane	100	U	100	ug/L	10			
				Vinyl acetate	100	U	100	ug/L	10			
				Vinyl chloride	5.0	U	5.0	ug/L	10			
				Xylenes (m+p)	5.0	U	5.0	ug/L	10			
				Xylenes (ortho)	5.0	U	5.0	ug/L	10			
				Xylenes (total)	5.0	U	5.0	ug/L	10			
					04/28/2008	MW-9B_0428081448	1,1,1,2-Tetrachloroethane	5.0	U	5.0	ug/L	10
				1,1,1-Trichloroethane			5.0	U	5.0	ug/L	10	
				1,1,2,2-Tetrachloroethane			5.0	U	5.0	ug/L	10	
				1,1,2-Trichloroethane			5.0	U	5.0	ug/L	10	
				1,1-Dichloroethane			5.0	U	5.0	ug/L	10	
				1,1-Dichloroethene			5.0	U	5.0	ug/L	10	
				1,1-Dichloropropene			5.0	U	5.0	ug/L	10	
				1,2,3-Trichlorobenzene			5.0	U	5.0	ug/L	10	
		1,2,3-Trichloropropane	5.0	U			5.0	ug/L	10			
		1,2,4-Trichlorobenzene	5.0	U			5.0	ug/L	10			
		1,2,4-Trimethylbenzene	5.0	U	5.0	ug/L	10					
		1,2-Dichlorobenzene	5.0	U	5.0	ug/L	10					
		1,2-Dichloroethane	5.0	U	5.0	ug/L	10					
		1,2-Dichloropropane	5.0	U	5.0	ug/L	10					
		1,3,5-Trimethylbenzene	5.0	U	5.0	ug/L	10					
		1,3-Dichlorobenzene	5.0	U	5.0	ug/L	10					
		1,3-Dichloropropane	5.0	U	5.0	ug/L	10					
		1,4-Dichlorobenzene	5.0	U	5.0	ug/L	10					
2,2-Dichloropropane	5.0	U	5.0	ug/L	10							
2-Butanone (MEK)	50	U	50	ug/L	10							
2-Chloroethylvinyl ether	50	T5,U	50	ug/L	10							

* field duplicate result

Table 6: High Reporting Limits
(Samples collected from 3/17/2008 to 4/30/2008)

Area	Location Code	Collected	Client Sample ID	Analyte Name	Result	Lab Qualifier	Reporting Limit	Units	Dilution
Zone 2	MW-9B	04/28/2008	MW-9B_0428081448	2-Chlorotoluene	5.0	U	5.0	ug/L	10
				4-Chlorotoluene	5.0	U	5.0	ug/L	10
				4-Methyl-2-pentanone (MIB)	50	U	50	ug/L	10
				Acetone	50	U	50	ug/L	10
				Acrolein	100	U	100	ug/L	10
				Acrylonitrile	100	U	100	ug/L	10
				Benzene	5.0	U	5.0	ug/L	10
				Bromobenzene	5.0	U	5.0	ug/L	10
				Bromochloromethane	5.0	U	5.0	ug/L	10
				Bromodichloromethane	5.0	U	5.0	ug/L	10
				Bromoform	5.0	U	5.0	ug/L	10
				Bromomethane	5.0	U	5.0	ug/L	10
				Carbon disulfide	5.0	U	5.0	ug/L	10
				Carbon tetrachloride	5.0	U	5.0	ug/L	10
				Chlorobenzene	5.0	U	5.0	ug/L	10
				Chloroethane	5.0	U	5.0	ug/L	10
				Chloroform	5.0	U	5.0	ug/L	10
				Chloromethane	5.0	U	5.0	ug/L	10
				cis-1,2-Dichloroethene	5.0	U	5.0	ug/L	10
				cis-1,3-Dichloropropene	5.0	U	5.0	ug/L	10
				Dibromochloromethane	5.0	U	5.0	ug/L	10
				Dibromochloropropane	50	U	50	ug/L	10
				Dibromomethane	5.0	U	5.0	ug/L	10
				Dichlorodifluoromethane	5.0	U	5.0	ug/L	10
				Diisopropyl ether	30	U	30	ug/L	10
				Ethyl tert-butyl ether	30	U	30	ug/L	10
				Ethylbenzene	5.0	U	5.0	ug/L	10
				Ethylene Dibromide	50	U	50	ug/L	10
				Hexachlorobutadiene	5.0	U	5.0	ug/L	10
				Isopropylbenzene	5.0	U	5.0	ug/L	10
				Methyl tert-butyl ether	30	U	30	ug/L	10
				Methylene chloride	5.0	U	5.0	ug/L	10
				Naphthalene	5.0	U	5.0	ug/L	10
				n-Butylbenzene	5.0	U	5.0	ug/L	10
				n-Propylbenzene	5.0	U	5.0	ug/L	10
				Perchlorate	410		20	ug/L	5
				p-Isopropyltoluene	5.0	U	5.0	ug/L	10
				sec-Butylbenzene	5.0	U	5.0	ug/L	10
				Styrene	5.0	U	5.0	ug/L	10
				Tert-amyl methyl ether (TA)	30	U	30	ug/L	10
				Tert-Butyl alcohol	20	U	20	ug/L	10
				tert-Butylbenzene	5.0	U	5.0	ug/L	10
				Tetrachloroethene	5.0	U	5.0	ug/L	10
				Toluene	5.0	U	5.0	ug/L	10
				trans-1,2-Dichloroethene	5.0	U	5.0	ug/L	10
				trans-1,3-Dichloropropene	5.0	U	5.0	ug/L	10
				Trichloroethene	130		5.0	ug/L	10
				Trichlorofluoromethane	50	U	50	ug/L	10
				Trichlorotrifluoroethane	100	U	100	ug/L	10

* field duplicate result

Table 6: High Reporting Limits
(Samples collected from 3/17/2008 to 4/30/2008)

Area	Location Code	Collected	Client Sample ID	Analyte Name	Result	Lab Qualifier	Reporting Limit	Units	Dilution
Zone 2	MW-9B	04/28/2008	MW-9B_0428081448	Vinyl acetate	100	U	100	ug/L	10
				Vinyl chloride	5.0	U	5.0	ug/L	10
				Xylenes (m+p)	5.0	U	5.0	ug/L	10
				Xylenes (ortho)	5.0	U	5.0	ug/L	10
				Xylenes (total)	5.0	U	5.0	ug/L	10
Zone 3	LEO-11A	03/17/2008	LEO-11A_0317081330	Perchlorate	120	W1	5.0	ug/L	50
			LEO-11A_0317081345	Perchlorate	120	W1	5.0	ug/L	50
Zone 4	CTS-OW3	03/17/2008	CTS-OW3_0317081615	Perchlorate	25	W1	5.0	ug/L	50
			CTS-OW3_0317081630	Perchlorate	22	W1	10	ug/L	100
			CTS-OW3_0317081645	Perchlorate	20	W1	10	ug/L	100
			CTS-OW3_0317081700	Perchlorate	36	W1	10	ug/L	100
Zone 4	FC-1020A	03/17/2008	FC-1020A_0317081430	Perchlorate	17	W1	5.0	ug/L	50
			FC-1020A_0317081445	Perchlorate	16	W1	5.0	ug/L	50
			FC-1020A_0317081500	Perchlorate	17	W1	5.0	ug/L	50
			FC-1020A_0317081515	Perchlorate	18	W1	5.0	ug/L	50
		04/23/2008	FC-1020A_0423080855	Nitrate-Nitrogen	10		1.0	mg/L	5
				Sulfate	84		2.5	mg/L	5

* field duplicate result

Table 7: LDC Data Review Qualifiers
(Samples collected from 3/17/2008 to 4/30/2008)

Area	Location Code	Collected	Client Sample ID	Method	Analyte Name	Result	Lab Qualifier	Units	LDC Qualifier
Zone 1	OC-11B	03/17/2008	OC-11B_0317081850	8260-Veolia-SF	Acetone	500	J,F9	ug/L	UJ
					Vinyl chloride	50	U	ug/L	UJ
					OC-11B_0317081915	Acetone	500	J,F9	ug/L
		Vinyl chloride	50	U	ug/L	UJ			
		OC-11B_0317081930	Acetone	500	J,F9	ug/L	UJ		
			Vinyl chloride	50	U	ug/L	UJ		
			OC-11B_0317081940	Acetone	500	J,F9	ug/L	UJ	
		Vinyl chloride		50	U	ug/L	UJ		
		04/30/2008		OC-11B_0430081242	1,1,1,2-Tetrachloroethane	200	U	ug/L	UJ
			1,1,1-Trichloroethane		200	U	ug/L	UJ	
			1,1,2,2-Tetrachloroethane		200	U	ug/L	UJ	
			1,1,2-Trichloroethane		200	U	ug/L	UJ	
			1,1-Dichloroethane		200	U	ug/L	UJ	
			1,1-Dichloroethene		200	U	ug/L	UJ	
			1,1-Dichloropropene		200	U	ug/L	UJ	
	1,2,3-Trichlorobenzene		200		U	ug/L	UJ		
	1,2,3-Trichloropropane		200		U	ug/L	UJ		
	1,2,4-Trichlorobenzene		200		U	ug/L	UJ		
	1,2,4-Trimethylbenzene		200		U	ug/L	UJ		
	1,2-Dichlorobenzene		1100			ug/L	J		
	1,2-Dichloroethane		200		U	ug/L	UJ		
	1,2-Dichloropropane		200		U	ug/L	UJ		
	1,3,5-Trimethylbenzene		200		U	ug/L	UJ		
	1,3-Dichlorobenzene		200		U	ug/L	UJ		
	1,3-Dichloropropane		200		U	ug/L	UJ		
	1,4-Dichlorobenzene		320			ug/L	J		
	2,2-Dichloropropane	200	U	ug/L	UJ				
	2-Butanone (MEK)	2000	U	ug/L	UJ				
	2-Chloroethylvinyl ether	2000	T5,U	ug/L	UJ				
	2-Chlorotoluene	200	U	ug/L	UJ				
	4-Chlorotoluene	200	U	ug/L	UJ				
	4-Methyl-2-pentanone (MIBK)	2000	U	ug/L	UJ				
	Acetone	2000	U	ug/L	UJ				
Acrolein	4000	U	ug/L	UJ					
Acrylonitrile	4000	U	ug/L	UJ					
Benzene	200	U	ug/L	UJ					
Bromobenzene	200	U	ug/L	UJ					

* Field duplicate result

Table 7: LDC Data Review Qualifiers
(Samples collected from 3/17/2008 to 4/30/2008)

Area	Location Code	Collected	Client Sample ID	Method	Analyte Name	Result	Lab Qualifier	Units	LDC Qualifier
Zone 1	OC-11B	04/30/2008	OC-11B_0430081242	8260-Veolia-SF	Bromochloromethane	200	U	ug/L	UJ
					Bromodichloromethane	200	U	ug/L	UJ
					Bromoform	200	U	ug/L	UJ
					Bromomethane	200	U	ug/L	UJ
					Carbon disulfide	200	U	ug/L	UJ
					Carbon tetrachloride	200	U	ug/L	UJ
					Chlorobenzene	210		ug/L	J
					Chloroethane	200	U	ug/L	UJ
					Chloroform	480		ug/L	J
					Chloromethane	200	U	ug/L	UJ
					cis-1,2-Dichloroethene	200	U	ug/L	UJ
					cis-1,3-Dichloropropene	200	U	ug/L	UJ
					Dibromochloromethane	200	U	ug/L	UJ
					Dibromochloropropane	2000	U	ug/L	UJ
					Dibromomethane	200	U	ug/L	UJ
					Dichlorodifluoromethane	200	U	ug/L	UJ
					Diisopropyl ether	1200	U	ug/L	UJ
					Ethyl tert-butyl ether	1200	U	ug/L	UJ
					Ethylbenzene	200	U	ug/L	UJ
					Ethylene Dibromide	2000	U	ug/L	UJ
					Hexachlorobutadiene	200	U	ug/L	UJ
					Isopropylbenzene	200	U	ug/L	UJ
					Methyl tert-butyl ether	1200	U	ug/L	UJ
					Methylene chloride	560		ug/L	J
					Naphthalene	200	U	ug/L	UJ
					n-Butylbenzene	200	U	ug/L	UJ
					n-Propylbenzene	200	U	ug/L	UJ
					p-Isopropyltoluene	200	U	ug/L	UJ
					sec-Butylbenzene	200	U	ug/L	UJ
					Styrene	200	U	ug/L	UJ
					Tert-amyl methyl ether (TAME)	1200	U	ug/L	UJ
					Tert-Butyl alcohol	800	U	ug/L	UJ
					tert-Butylbenzene	200	U	ug/L	UJ
					Toluene	200	U	ug/L	UJ
					trans-1,2-Dichloroethene	200	U	ug/L	UJ
					trans-1,3-Dichloropropene	200	U	ug/L	UJ
					Trichloroethene	2500		ug/L	J

* Field duplicate result

Table 7: LDC Data Review Qualifiers
(Samples collected from 3/17/2008 to 4/30/2008)

Area	Location Code	Collected	Client Sample ID	Method	Analyte Name	Lab			LDC	
						Result	Qualifier	Units	Qualifier	
Zone 1	OC-11B	04/30/2008	OC-11B_0430081242	8260-Veolia-SF	Trichlorofluoromethane	2000	U	ug/L	UJ	
					Trichlorotrifluoroethane	4000	U	ug/L	UJ	
					Vinyl acetate	4000	U	ug/L	UJ	
					Vinyl chloride	200	U	ug/L	UJ	
					Xylenes (m+p)	200	U	ug/L	UJ	
					Xylenes (ortho)	200	U	ug/L	UJ	
					Xylenes (total)	200	U	ug/L	UJ	
EPA 314.0	Perchlorate	2000	O5,U	ug/L	UJ					
Zone 1	OW-68D1	03/18/2008	OW-68D1_0318081230	8260-Veolia-SF	Acetone	3000	F9	ug/L	U	
					Vinyl chloride	200	U	ug/L	UJ	
			OW-68D1_0318081245		Acetone	3000	F9	ug/L	U	
			Vinyl chloride		200	U	ug/L	UJ		
			OW-68D1_0318081330		Acetone	2800	F9	ug/L	U	
		Vinyl chloride	200		U	ug/L	UJ			
		04/24/2008	OW-68D1_0424081755		6020-Ba	Barium	17	J,Y1	ug/L	J
					6020-Mo	Molybdenum	1.2	J,Y1	ug/L	J
					6020-Pb	Lead	1.1	J,Y1	ug/L	J
					8260-Veolia-SF	Methyl tert-butyl ether	1200	U	ug/L	UJ
Zone 2	MW-9B	03/17/2008	MW-9B_0317081730	8260-Veolia-SF	Acetone	50	J,F9	ug/L	UJ	
					MW-9B_0317081735	Acetone	50	J,F9	ug/L	UJ
					MW-9B_0317081800	Acetone	50	J,F9	ug/L	UJ
					MW-9B_0317081815	Acetone	50	J,F9	ug/L	UJ
					MW-9B_0317081845	Acetone	50	J,F9	ug/L	UJ
Zone 3	LEO-11A	03/17/2008	LEO-11A_0317081330	8260-Veolia-SF	Acetone	5.0	J,F9	ug/L	UJ	
			LEO-11A_0317081345		Acetone	5.0	J,F9	ug/L	UJ	
			Chloroform		2.7		ug/L	J		
		04/26/2008	LEO-11A_0426081000	EPA 314.0	Perchlorate	120		ug/L	J	
Zone 4	CTS-OW3	03/17/2008	CTS-OW3_0317081615	8260-Veolia-SF	Acetone	5.0	J,F9	ug/L	UJ	
			CTS-OW3_0317081630		Acetone	5.0	J,F9	ug/L	UJ	
			CTS-OW3_0317081645		Acetone	5.0	J	ug/L	UJ	
		04/21/2008	CTS-OW3_0421081730	Acetone	5.3		ug/L	U		

* Field duplicate result

Table 7: LDC Data Review Qualifiers
(Samples collected from 3/17/2008 to 4/30/2008)

Area	Location Code	Collected	Client Sample ID	Method	Analyte Name	Result	Lab Qualifier	Units	LDC Qualifier
Zone 4	FC-1020A	03/17/2008	FC-1020A_0317081430	8260-Veolia-SF	Acetone	5.0	J,F9	ug/L	UJ
			FC-1020A_0317081445		Acetone	5.0	J,F9	ug/L	UJ
			FC-1020A_0317081500		Trichloroethene	0.57		ug/L	J
			FC-1020A_0317081515		Acetone	5.0	J,F9	ug/L	UJ
					Trichloroethene	0.58		ug/L	J
		04/23/2008	FC-1020A_0423080855	Acetone	5.2	K6	ug/L	U	

* Field duplicate result

Figure 1: Analytical Completeness by Stringfellow Zones

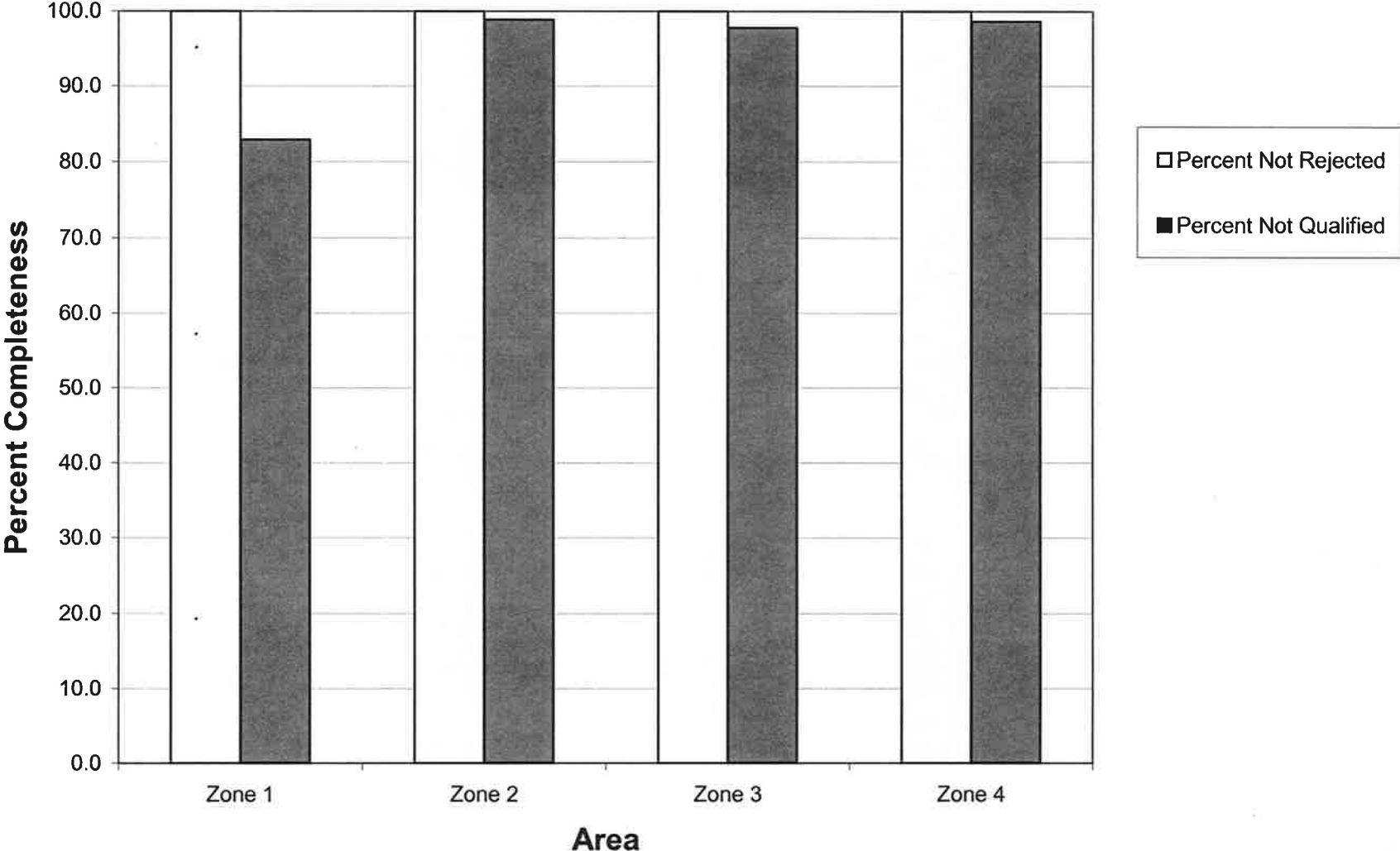
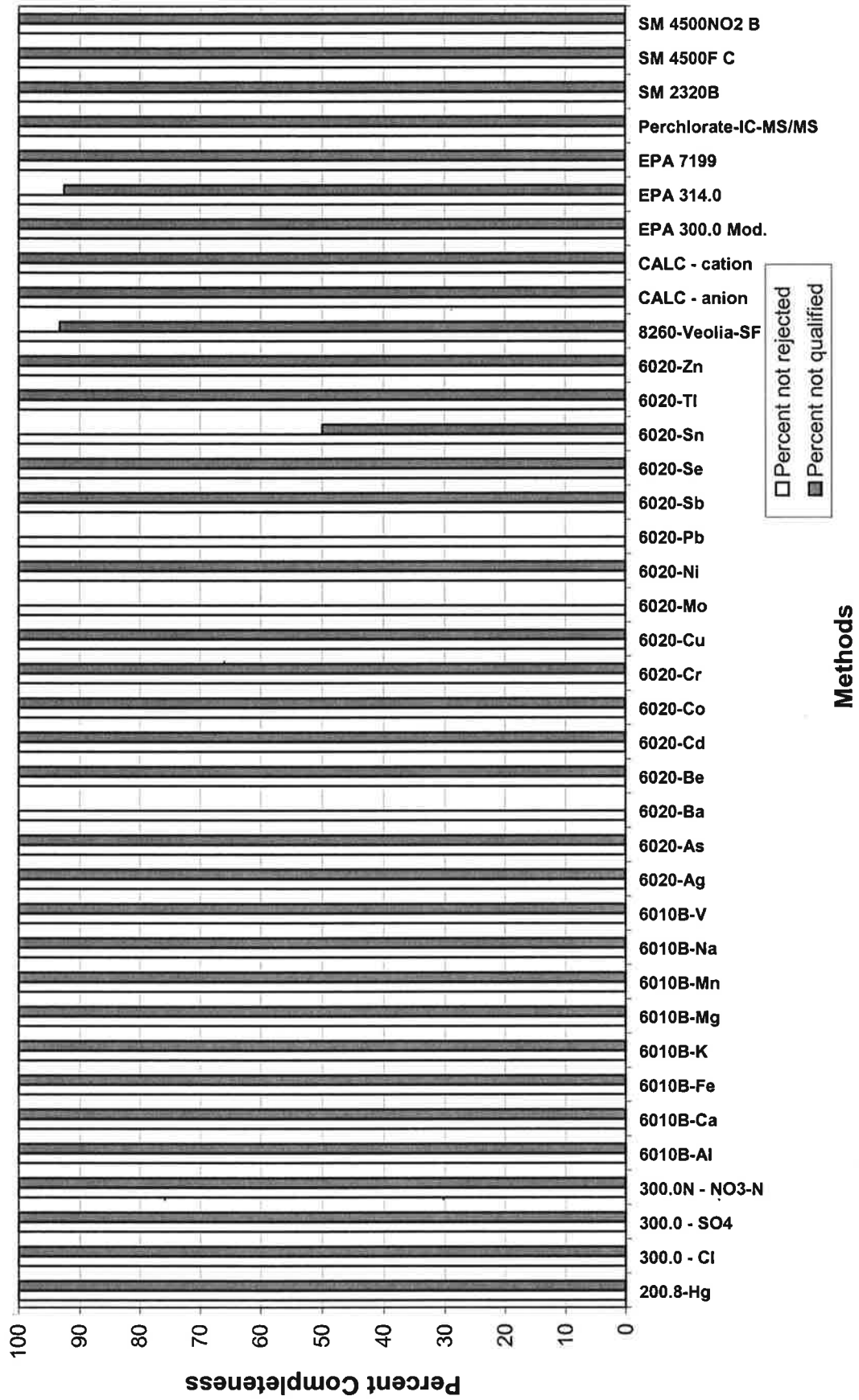


Figure 2: Analytical Completeness by Analytical Method



Appendix A
Analytes Reported from Two or More Laboratory Methods
(Samples collected from 3/17/2008 to 4/30/2008)

Site or Area/ Location	Field Sample ID	Date Collected	Analyte	Method	Result	Reporting Limit	Lab Qualifiers
Zone 1							
OC-11B	OC-11B_0317081915	03/17/2008	Perchlorate	EPA 314.0	400	400 ug/L	F4,U
				Perchlorate-IC-MS/MS	150	20 ug/L	W1
OC-11B	OC-11B_0317081930	03/17/2008	Perchlorate	EPA 314.0	400	400 ug/L	F4,U
				Perchlorate-IC-MS/MS	160	20 ug/L	W1
OC-11B	OC-11B_0317081940	03/17/2008	Perchlorate	EPA 314.0	400	400 ug/L	F4,U
				Perchlorate-IC-MS/MS	170	20 ug/L	W1
OW-68D1	OW-68D1_0318081230	03/18/2008	Perchlorate	EPA 314.0	2000	2000 ug/L	F4,U
				Perchlorate-IC-MS/MS	120	20 ug/L	W1
OW-68D1	OW-68D1_0318081245	03/18/2008	Perchlorate	EPA 314.0	400	400 ug/L	F4,U
				Perchlorate-IC-MS/MS	140	20 ug/L	W1
OW-68D1	OW-68D1_0318081330	03/18/2008	Perchlorate	EPA 314.0	4000	4000 ug/L	F4,U
				Perchlorate-IC-MS/MS	120	50 ug/L	W1
Zone 2							
MW-9B	MW-9B_0317081730	03/17/2008	Perchlorate	EPA 314.0	440	20 ug/L	
				Perchlorate-IC-MS/MS	390	10 ug/L	W1
MW-9B	MW-9B_0317081735	03/17/2008	Perchlorate	EPA 314.0	450	20 ug/L	
				Perchlorate-IC-MS/MS	400	10 ug/L	W1
MW-9B	MW-9B_0317081800	03/17/2008	Perchlorate	EPA 314.0	460	20 ug/L	
				Perchlorate-IC-MS/MS	410	10 ug/L	W1
MW-9B	MW-9B_0317081815	03/17/2008	Perchlorate	EPA 314.0	470	20 ug/L	
				Perchlorate-IC-MS/MS	410	10 ug/L	W1
MW-9B	MW-9B_0317081845	03/17/2008	Perchlorate	EPA 314.0	420	20 ug/L	
				Perchlorate-IC-MS/MS	410	10 ug/L	W1
Zone 3							
LEO-11A	LEO-11A_0317081330	03/17/2008	Perchlorate	EPA 314.0	150	4.0 ug/L	
				Perchlorate-IC-MS/MS	120	5.0 ug/L	W1
LEO-11A	LEO-11A_0317081345	03/17/2008	Perchlorate	EPA 314.0	140	4.0 ug/L	
				Perchlorate-IC-MS/MS	120	5.0 ug/L	W1
Zone 4							
CTS-OW3	CTS-OW3_0317081615	03/17/2008	Perchlorate	EPA 314.0	26	4.0 ug/L	
				Perchlorate-IC-MS/MS	25	5.0 ug/L	W1

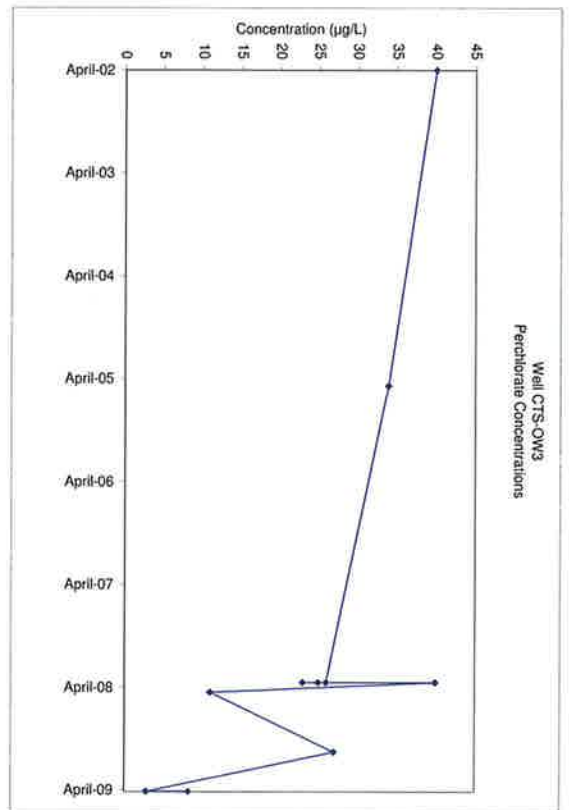
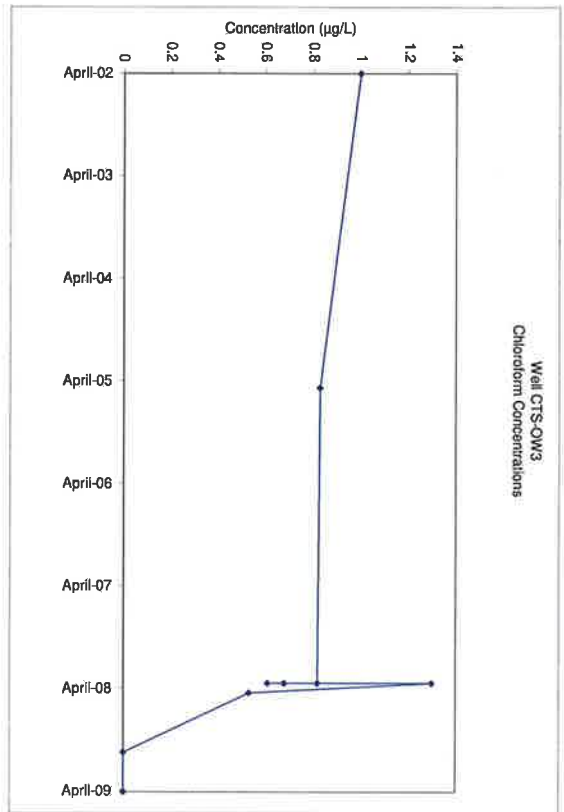
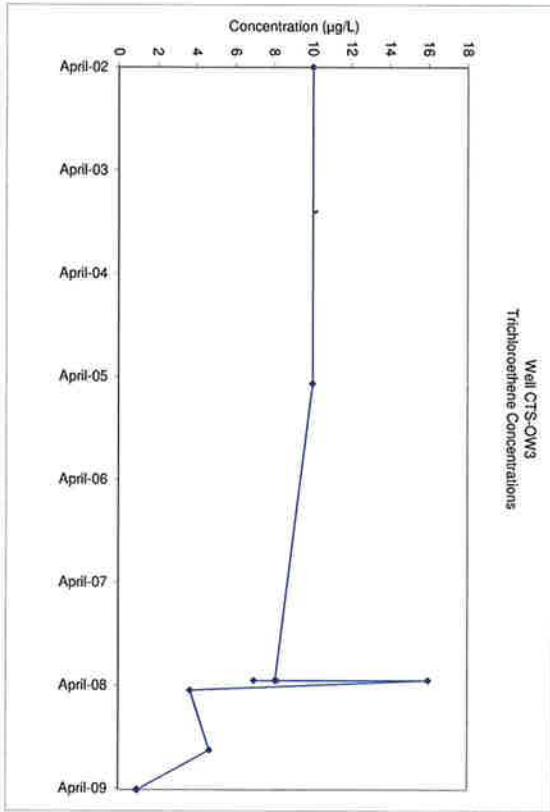
Appendix A
Analytes Reported from Two or More Laboratory Methods
(Samples collected from 3/17/2008 to 4/30/2008)

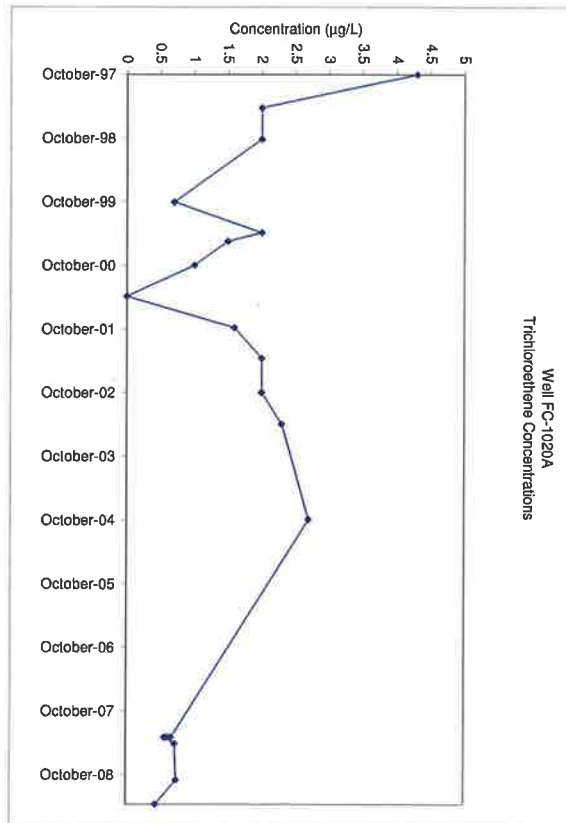
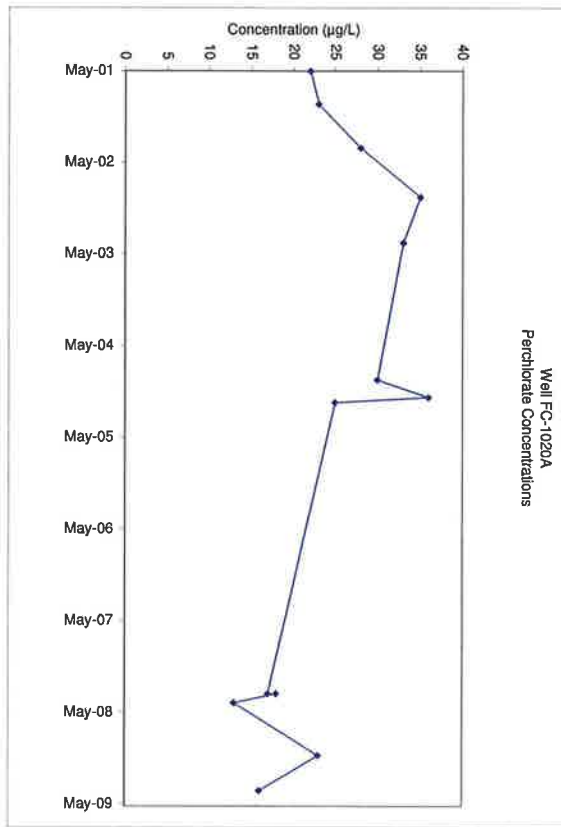
Site or Area/ Location	Field Sample ID	Date Collected	Analyte	Method	Result	Reporting Limit	Lab Qualifiers
Zone 4							
CTS-OW3	CTS-OW3_0317081630	03/17/2008	Perchlorate	EPA 314.0	23	4.0 ug/L	
				Perchlorate-IC-MS/MS	22	10 ug/L	W1
CTS-OW3	CTS-OW3_0317081645	03/17/2008	Perchlorate	EPA 314.0	25	4.0 ug/L	
				Perchlorate-IC-MS/MS	20	10 ug/L	W1
CTS-OW3	CTS-OW3_0317081700	03/17/2008	Perchlorate	EPA 314.0	40	4.0 ug/L	
				Perchlorate-IC-MS/MS	36	10 ug/L	W1
FC-1020A	FC-1020A_0317081430	03/17/2008	Perchlorate	EPA 314.0	16	4.0 ug/L	
				Perchlorate-IC-MS/MS	17	5.0 ug/L	W1
FC-1020A	FC-1020A_0317081445	03/17/2008	Perchlorate	EPA 314.0	17	4.0 ug/L	
				Perchlorate-IC-MS/MS	16	5.0 ug/L	W1
FC-1020A	FC-1020A_0317081500	03/17/2008	Perchlorate	EPA 314.0	16	4.0 ug/L	
				Perchlorate-IC-MS/MS	17	5.0 ug/L	W1
FC-1020A	FC-1020A_0317081515	03/17/2008	Perchlorate	EPA 314.0	18	4.0 ug/L	
				Perchlorate-IC-MS/MS	18	5.0 ug/L	W1

Appendix B
Laboratory Qualifier Definitions
(Samples collected from 3/17/2008 to 4/30/2008)

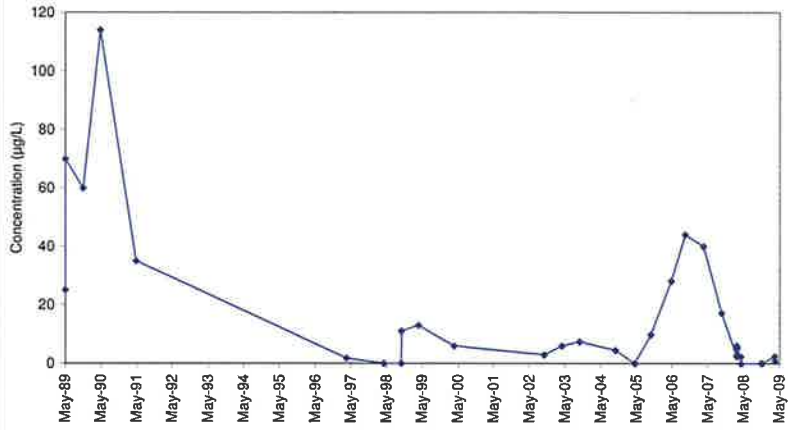
Laboratory Qualifier	Definition
1) *,U	In this analytical run 1 BOD LCS did meet lab acceptance criteria. However the BOD LCS recovery associated with this sample was below lab acceptance criteria. Samples past holding time for reanalysis.
2) F4	Due to sample matrix, the reporting limit for this analyte has been raised.
3) F4,U	Due to sample matrix, the reporting limit for this analyte has been raised. The analyte is non-detected at the reporting limit.
4) F9	The analyte was detected in the Method Blank at a concentration between the MDL and the MRL.
5) J	The analyte is positively identified, but the reported concentration is an estimate due to QC failure or data limitations.
6) J,F9	The analyte was detected in the Method Blank at a concentration between the MDL and the MRL. The reported concentration is an estimate.
7) J,Y1	The analyte is positively identified, but the reported concentration is an estimate due to QC failure or data limitations. This sample was filtered prior to analysis.
8) K6	The sample result(s) are estimate(s). The instrument calibration verification result(s) were above laboratory acceptance criteria.
9) O5,U	The matrix spike and/or matrix spike duplicate performed on this sample did not meet laboratory acceptance criteria. The result is non-detected at the reporting limit.
10) T5,U	In an acidified sample, this compound degrades and is not detectable as 2-Chloroethylvinylether.
11) U	Result is non-detected at or below the reported RDL.
12) U,W1	Result is non-detected at or below the reported RDL. NELAP does not offer accreditation for this analyte/method/matrix combination.
13) W1	NELAP does not offer accreditation for this analyte/method/matrix combination.
14) W1,U	NELAP does not offer accreditation for this analyte/method/matrix combination. Result is non-detected at or below the reported RDL.
15) Y1	This sample was filtered prior to analysis.

APPENDIX E
TIME-SERIES CHARTS

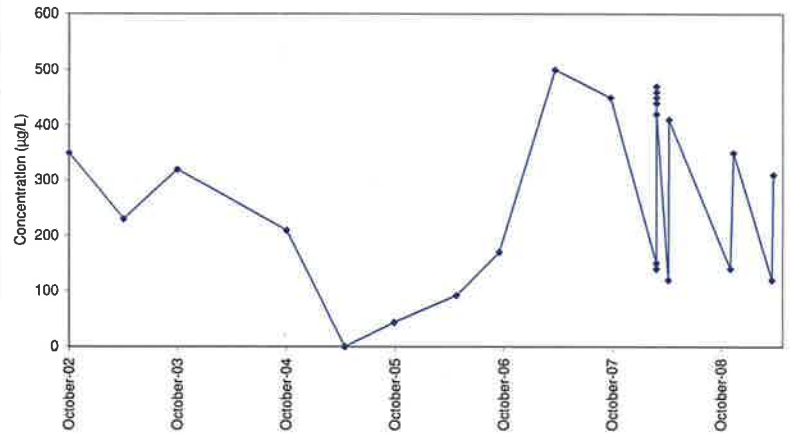




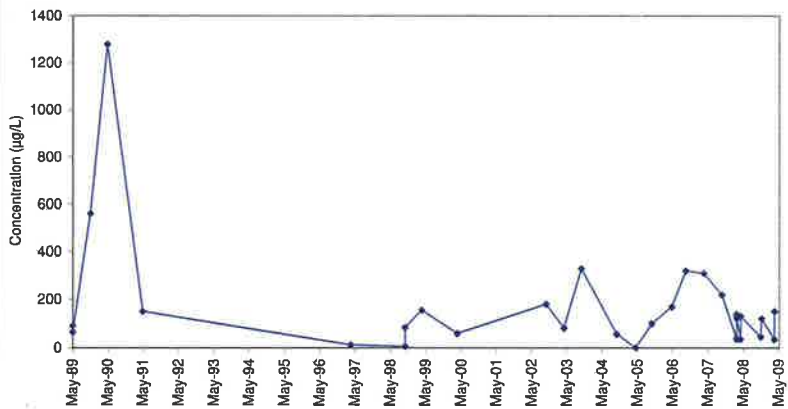
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Chloroform Concentrations



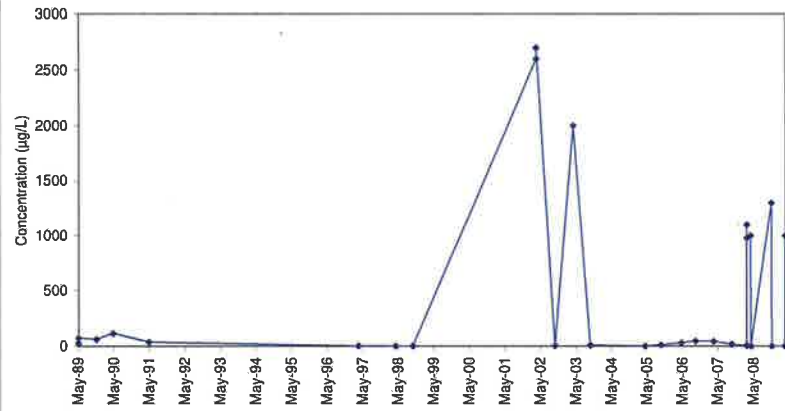
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Perchlorate Concentrations



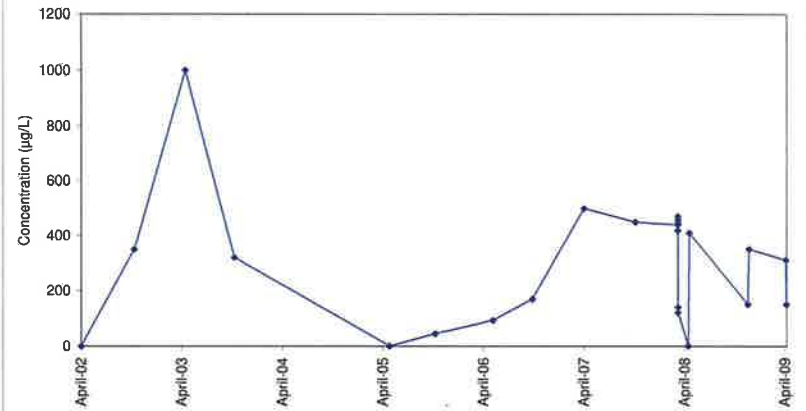
Well LEO-11A
Trichloroethene Concentrations



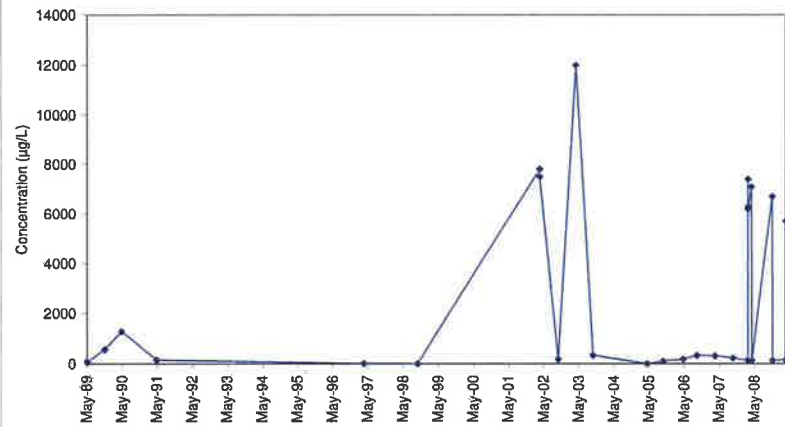
Well MW-9B
Chloroform Concentrations

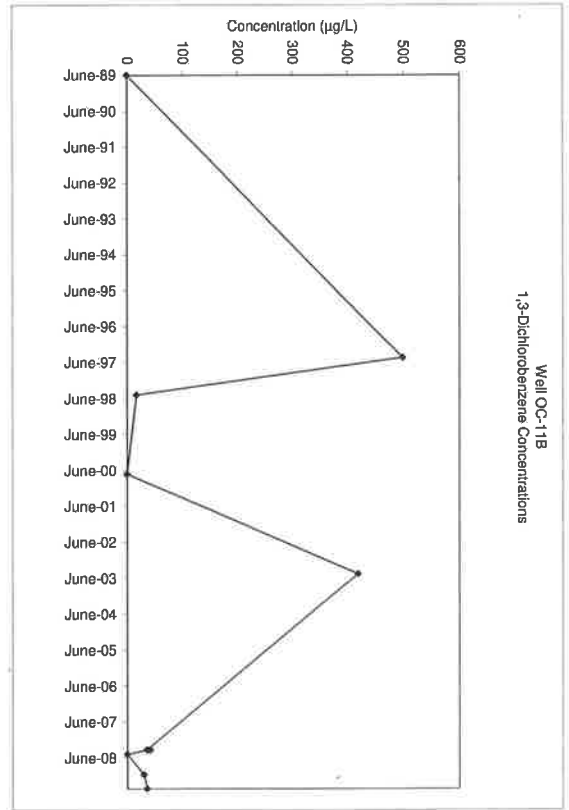
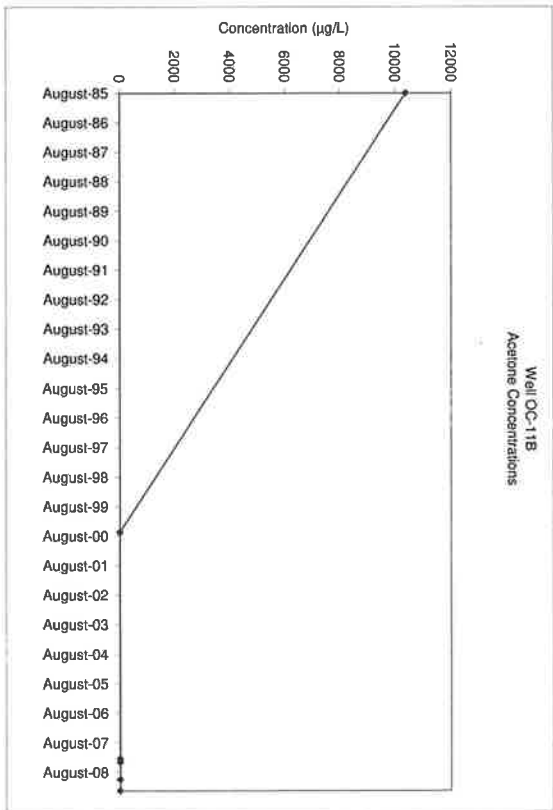
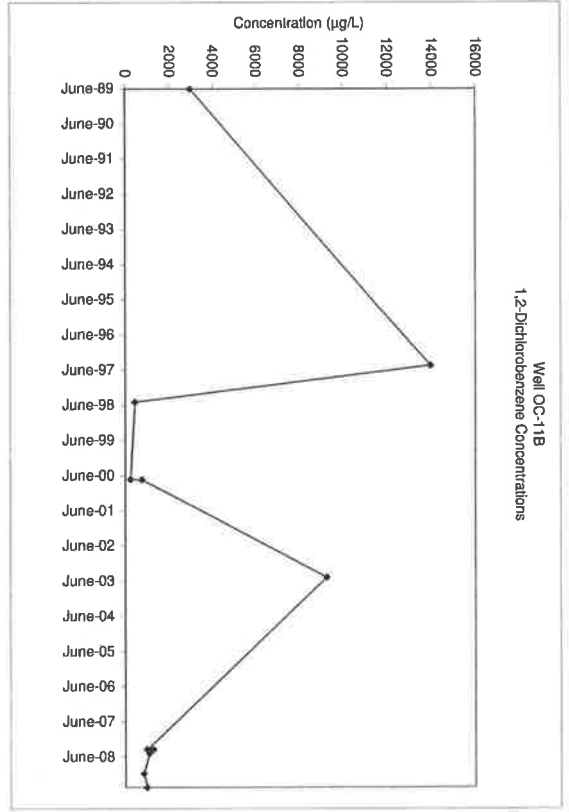
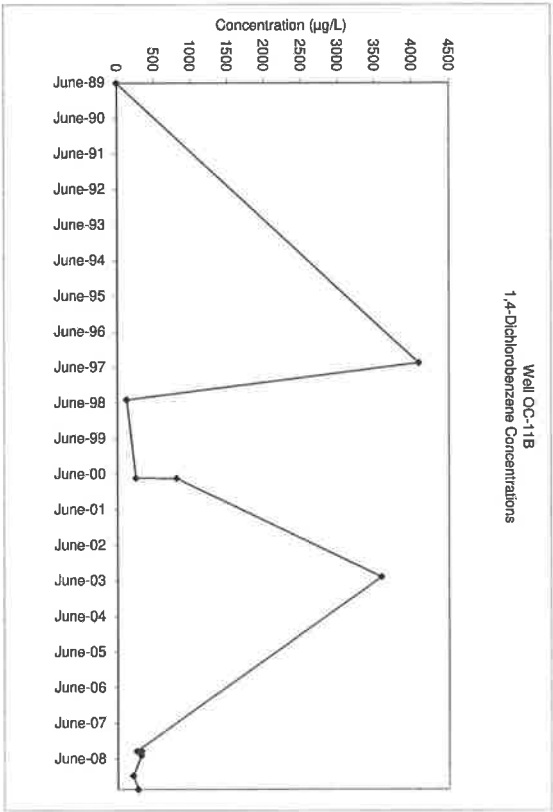


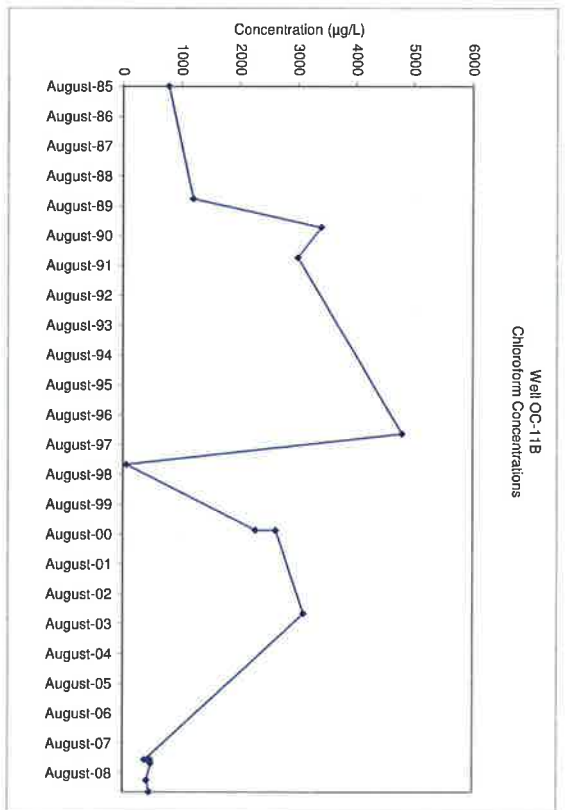
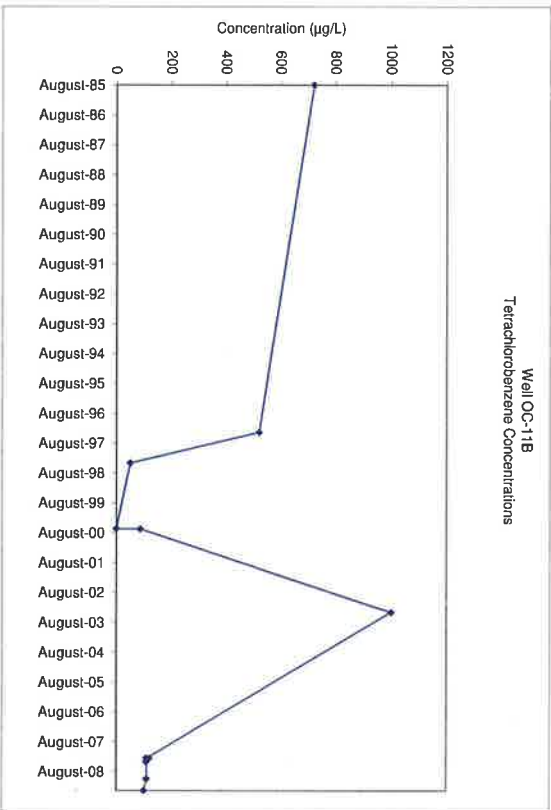
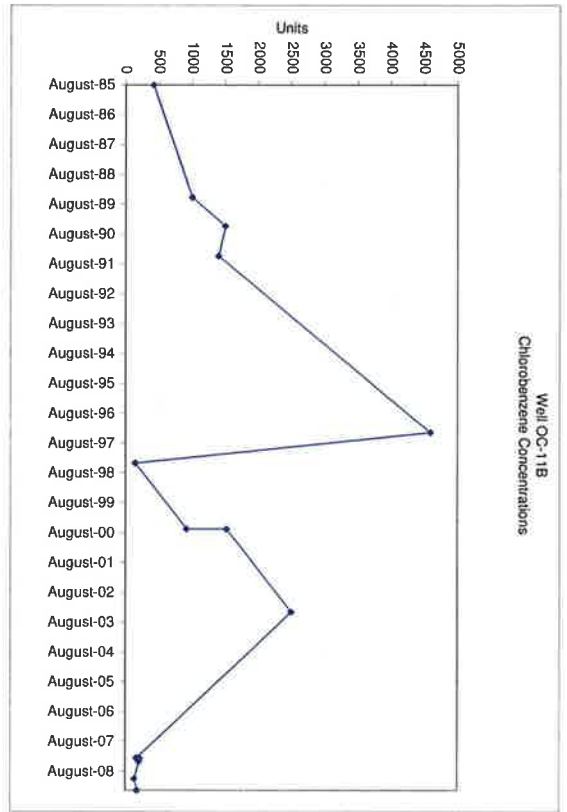
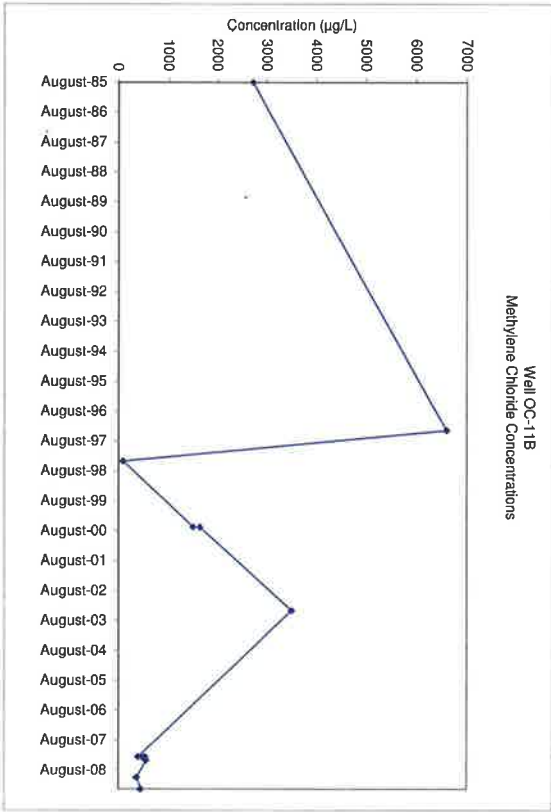
Well MW-9B
Perchlorate Concentrations

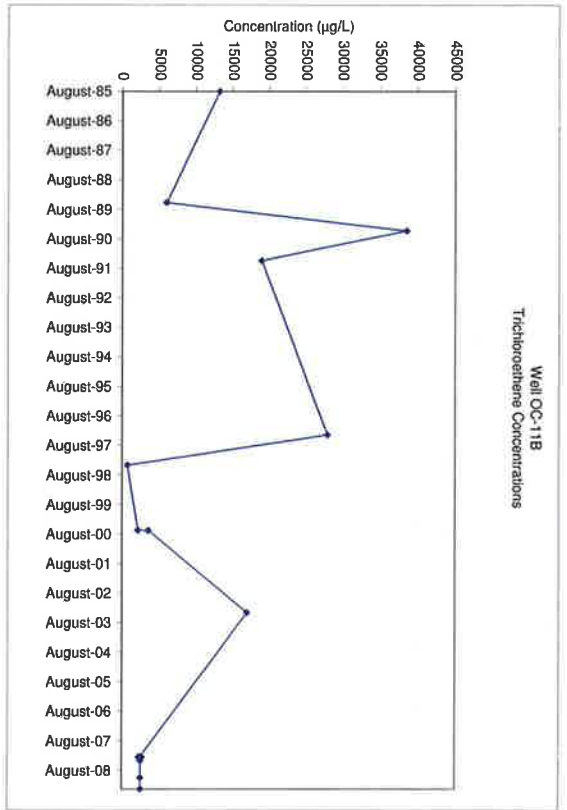
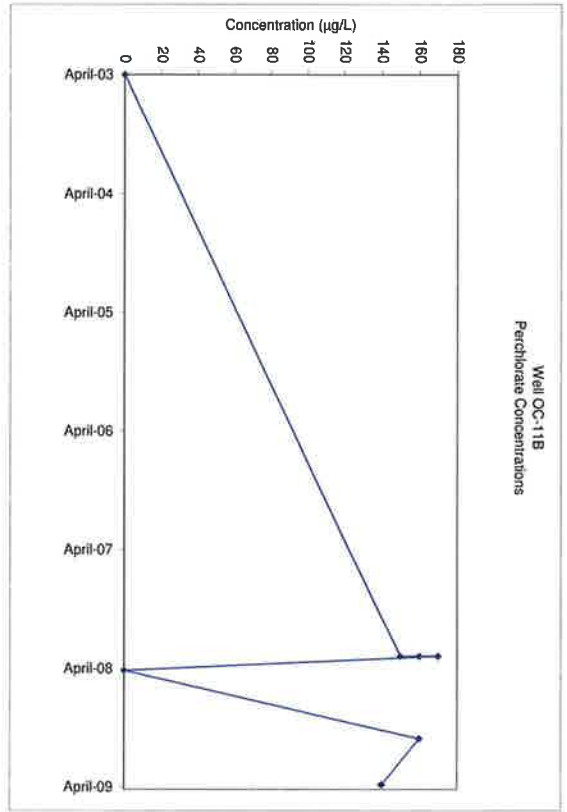
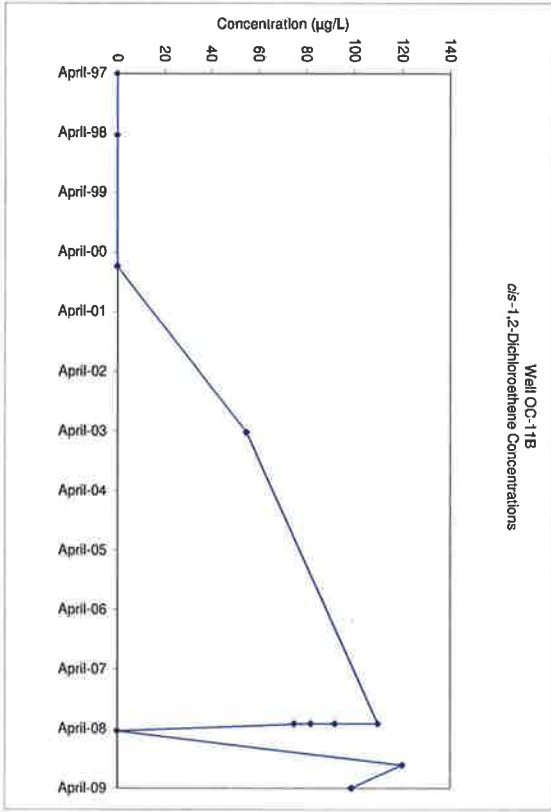


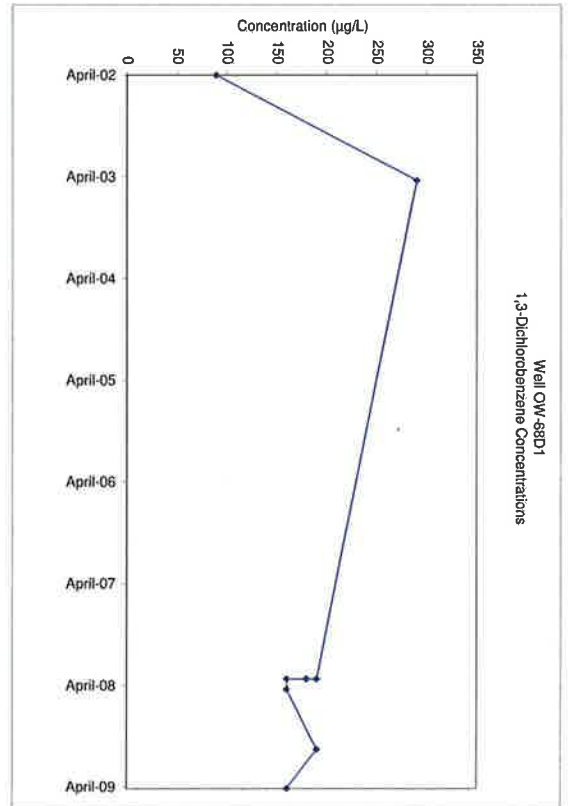
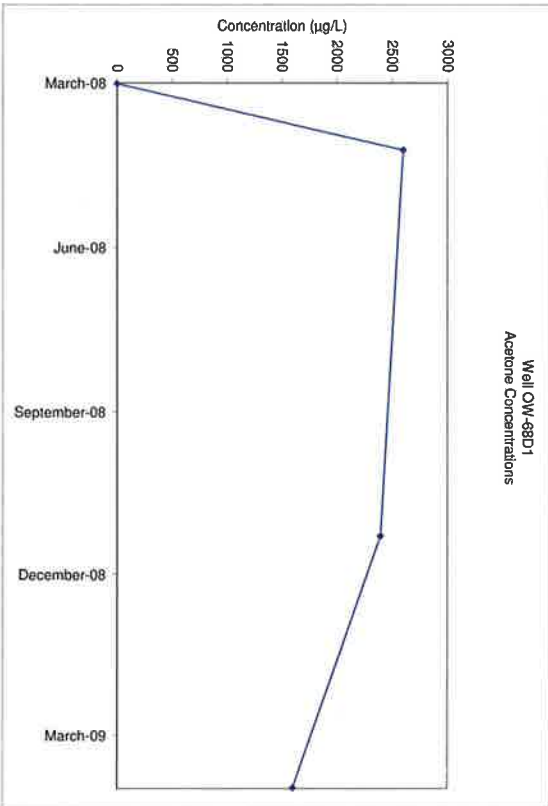
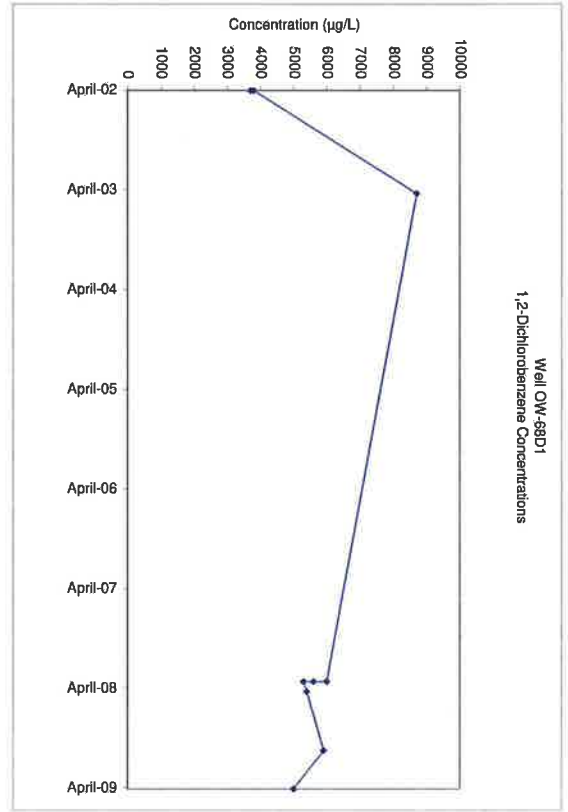
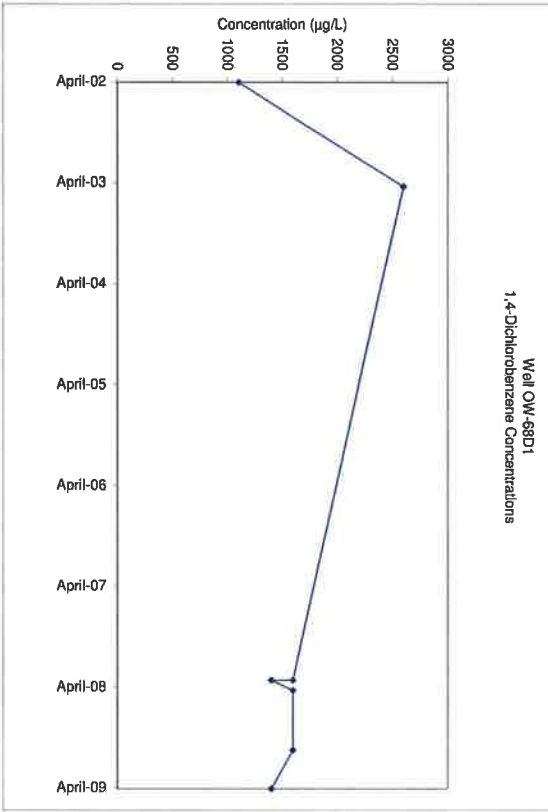
Well MW-9B
Trichloroethene Concentrations



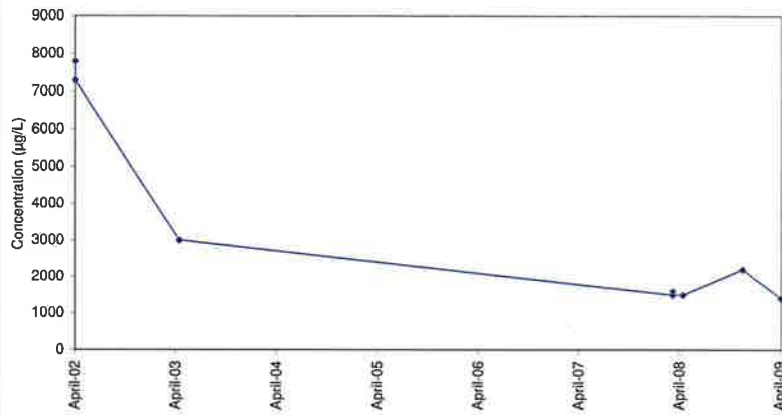




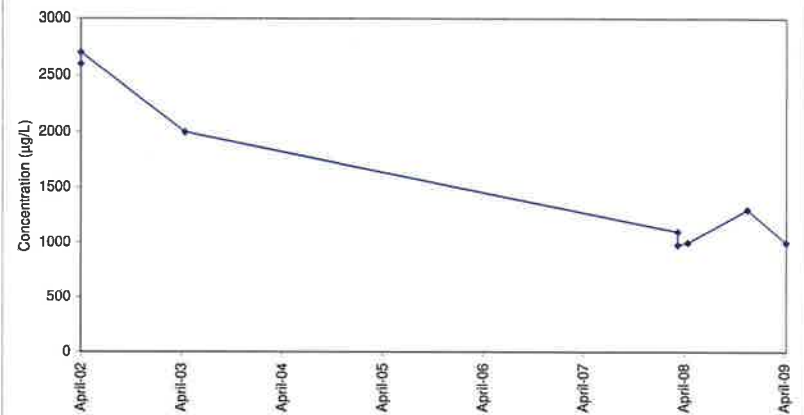




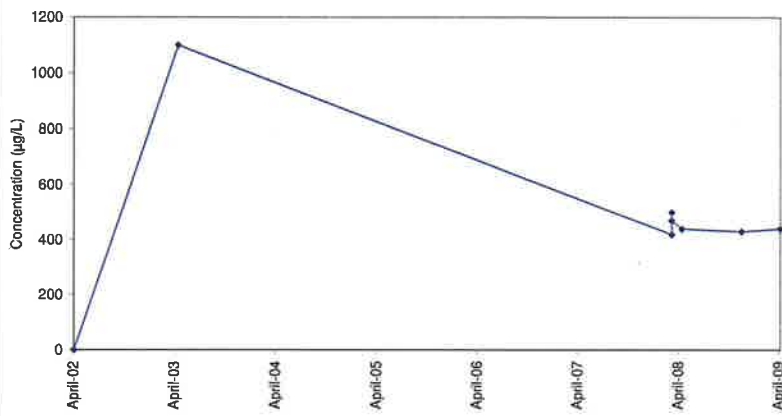
Well OW-68D1
Chlorobenzene Concentrations



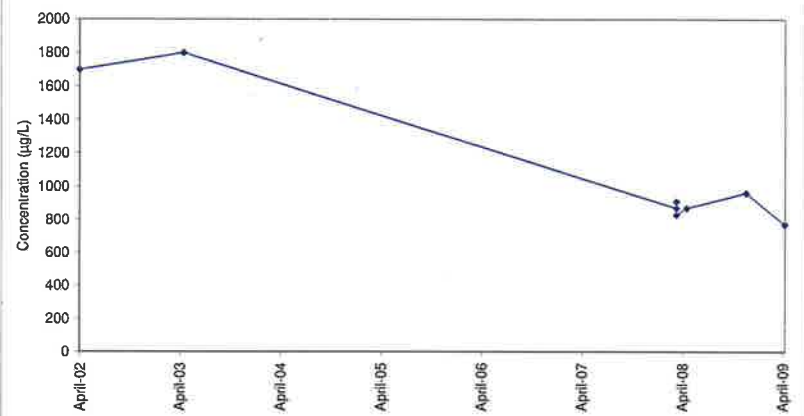
Well OW-68D1
Chloroform Concentrations



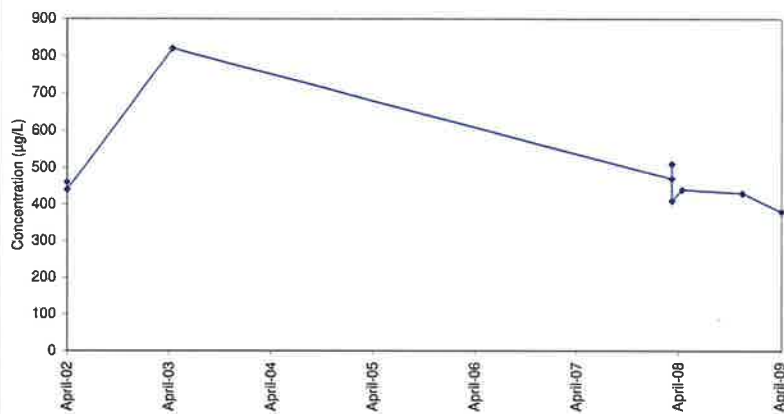
Well OW-68D1
4-methyl-2-pentanone (MIBK) Concentrations



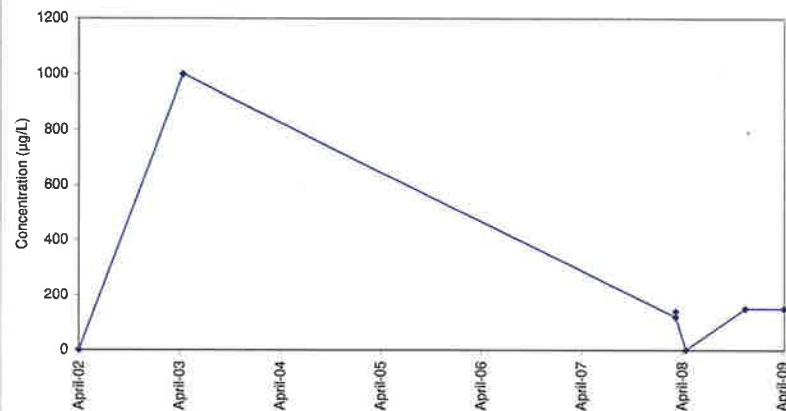
Well OW-68D1
Methylene Chloride Concentrations



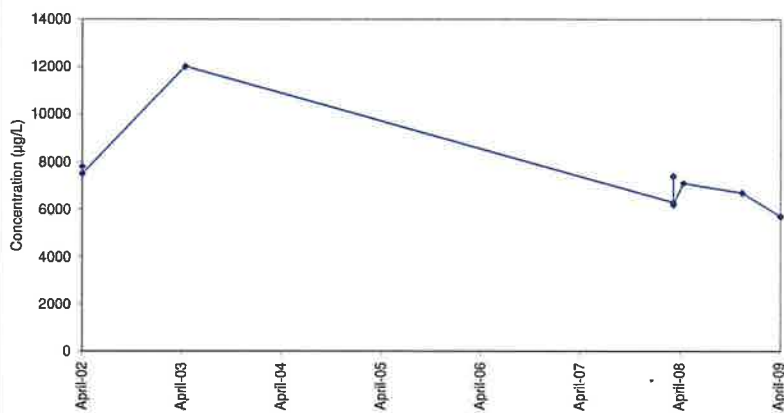
Well OW-68D1
Tetrachloroethene Concentrations



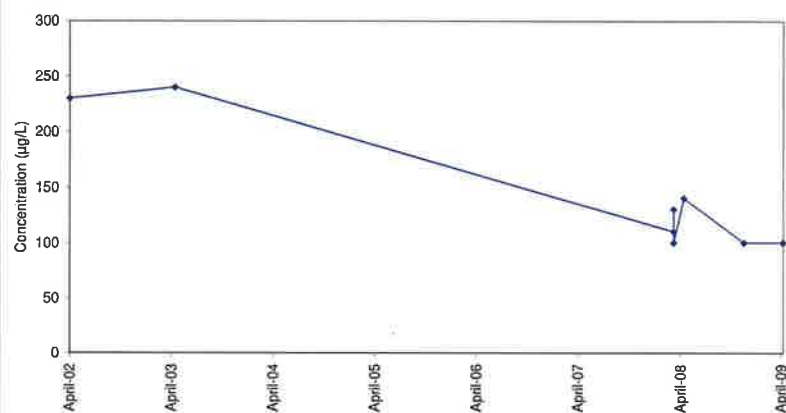
Well OW-68D1
Perchlorate Concentrations



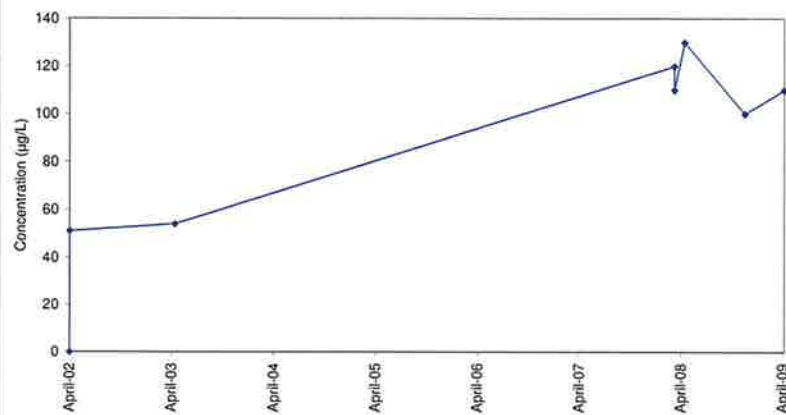
Well OW-68D1
Trichloroethene Concentrations



Well OW-68D1
Toluene Concentrations



Well OW-68D1
cis-1,2-Dichloroethene Concentrations



APPENDIX F
COMMENTS AND RESPONSES

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CH2MHill (May 19, 2009)	Response
<p>Key Comment</p> <p>It is expected that DTSC will use the results of this study for planning future groundwater sampling at Stringfellow. A recommendation for changing the groundwater sampling techniques at the entire Stringfellow site is beyond the scope of this report. However, we recommend that DTSC evaluate all potential aspects of adapting new sampling and/or analytical procedures; e.g., comparability of interpretation of contaminant distribution based on new and historical analytical results, cost savings, etc. We also suggest that this evaluation be part of the optimization of the long term groundwater monitoring program that EPA/CH2M HILL recommended (e.g., reduction in sampled locations, analytes, etc.). We also recommend that DTSC consider input from all stakeholders before changing the sampling and analytical procedures.</p>	<p>Recommendations are noted; no revisions necessary.</p>
<p>General Comments</p> <p>1. The report in general adequately documents the pilot study and contains sufficient details regarding the objectives of the pilot study, sampling procedures, selection of sampling locations, and the findings from the pilot study. Conclusions drawn from the pilot study are reasonable and recommendations made for future sampling at the site are sound. In addition, the tables and figures included in report are good and served their purpose of illustrating the text.</p>	<p>Comment noted; no revisions necessary.</p>

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CH2MHill (May 19, 2009)	Response
<p>2. Testing methods for perchlorate. Two different methods, EPA Method 314.0 and IC-MS/MS, were used for the analyses of perchlorate samples during the pilot study. The report should provide more detailed descriptions regarding the two methods, e.g., detection limit, volume of water required for the analysis, turnaround time, and cost. The report should also make recommendations for the selection of an analytical method for perchlorate testing for future groundwater sampling at the Stringfellow site.</p>	<p>Additional testing is needed before recommendations for perchlorate testing during future groundwater monitoring events can be developed. In this study, samples from the two wells in Zone 1B were diluted for testing that employed EPA Method 314.0, which resulted in high detection limits. In addition, all of the samples from this study contained perchlorate at concentrations that are greater than the regulatory limit (see comment 3); testing of wells near and below the regulatory limit is recommended. DTSC plans on performing additional tests during the Fall 2009 monitoring event.</p>
<p>3. Selection of sampling locations for the pilot study. The report merely states the selected wells for the pilot study without providing selection criteria. Please provide descriptions of the factors considered in the selection of sampling locations. One specific observation is that all the samples tested had high perchlorate concentrations relative to the regulatory limit of 6 µg/L for perchlorate (Table 3-1 shows perchlorate concentration ranging from 16 to 410 µg/L). Although similar results are expected considering the nature of Hydrasleeve™ sampling, wells with perchlorate concentrations near or less than the regulatory limit (6 µg/L) should have been included.</p>	<p>Section 2.1 of the report was revised to describe the rationale for selecting the sampling locations, which included selection of wells along the length of the degraded groundwater plume from Stringfellow. The comment regarding perchlorate concentrations is noted. However, as mentioned in the comment, perchlorate and other inorganic concentrations from Hydrasleeve™ sampling devices are expected to be similar to those from traditional purge and sample methodologies. Changes in volatile organic compound (VOC) concentrations are more likely to occur in samples collected from wells where traditional purge and sample methods were employed because bailing causes turbulence within the water column, and turbulent flow occurs within the pump when the impeller spins at multiple RPMs. Heating of the pump motor could also drive VOCs out of the water. As a result, the wells that were selected for this investigation included wells with VOC concentrations that were historically reported at a wide range of concentrations (from more than 1 part per million to near 100 parts per billion to near the regulatory limit to near non-detect).</p>

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CH2MHill (May 19, 2009)	Response
4. Chemical constituents reported. Table 3-1 summarizes the sampling results of nine chemical constituents including eight volatile organic compounds (VOC) and perchlorate. It is not clear why only eight VOCs are included in the summary. Were they non-detect? Please provide the analytical results for all VOCs.	Table 3-1 was revised to include all detected VOCs in the samples that were collected for this study (including the Hydrasleeve™ samples, the April 2008 samples, and the November 2008 samples).
5. Please note the uncertainty in the depth from which a Hydrasleeve™ sample is actually taken; for example, the sampler may not open instantly when it is pulled too slowly.	Section 2.2 was revised to include a description of the uncertainty involved in the sample depth when retrieving the Hydrasleeve™ sampling devices.
6. The report does not recommend further comparison of the sampling methods. Considering the large time lapse between the passive and regular sampling (35 to 259 days), the report should discuss the historical temporal variation of groundwater quality in the tested wells and its impact on the comparison. If the groundwater quality in the tested wells varies substantially with time (i.e., between the previous and subsequent samplings), repeating this comparison sampling should be considered. We conclude with the recommendation that a better comparison would be obtained by sampling with Hydrasleeve™ followed immediately (or shortly after) with purge sampling.	Time-series plots were developed to show historical data trends in the tested wells. Section 3.3 was revised to discuss the temporal variation.

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CH2MHill (May 19, 2009)	Response
<p>7. The depth to water in OW-68D1 was 49.6 feet. Please explain how the Hydrasleeve™ was deployed at a depth of 50 feet (e.g., the top was at 50 feet?) and how the sample was collected.</p>	<p>Well OW-68D1 contained a small water column (about 6 feet) at the time of Hydrasleeve™ deployment. Hydrasleeve™ devices were deployed at three intervals, and the uppermost device was near the top of the water column. As discussed in Section 3.0 (page 3-2), when the sampling devices were retrieved, only the lower two devices (53 and 56) contained sufficient water for analytical testing, and no results are reported for Hydrasleeve™ deployed at a depth of 50 feet (Table 3-1).</p>
<p>8. The differences between the two sampling methods are not significant for samples with high concentrations, but may be significant for samples with concentrations near regulatory limits. This may impact the decision regarding future sampling methods at Stringfellow.</p>	<p>Comment noted. The wells that were tested were selected based on their location within the plume so that a broad picture of wells with relatively high impacts and wells with low impacts could be evaluated. While no significant differences between sampling methods were noted for samples with high concentrations, it is noted that for well CTS-OW3 (with concentrations near regulatory limits), TCE concentrations in the Hydrasleeve™ samples were above State and Federal MCLs, while the samples collected using purge and sample methods were below the State and Federal MCLs. Additional sampling of wells with VOC concentrations near regulatory limits should be performed to further evaluate the variation in VOC concentrations for the two sampling methods.</p>