MAUL FOSTER ALONGI

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August 29, 2011
Project No. 8006.31.01

Mr. Guy Barrett
Washington Department of Ecology
PO Box 47775
Olympia, Washington 98504-7775

Re: Data Submittal for Former Park Laundry Property, Ridgefield, Washington

Dear Mr. Barrett:

Maul Foster & Alongi, Inc. (MFA) has prepared this letter on behalf of Union Ridge Investment Company (URIC) for the property located at 122 N. Main Avenue in Ridgefield, Washington (the Property) (see Figure 1). The first phases of the remedial investigation (RI) indicated that volatile organic compounds (VOCs) are present on the Property and on neighboring properties. The Property was historically used by Park Laundry, which may have performed dry cleaning operations that resulted in the release of tetrachloroethene (PCE).

To date, MFA has performed soil, groundwater, and soil-gas investigations in March 2010, October 2010, and most recently in June 2011. The purpose of this letter and attachments is to provide you with the results of the most recent round of site characterization activities. Investigations have included the evaluation of environmental media (i.e., soil, groundwater, and soil vapor) for PCE and its degradation products (including trichloroethene [TCE], cis-1, 2-dichloroethene [DCE], trans-1, 2-DCE, and vinyl chloride).

MFA's June 2011 investigation defined the uppermost water bearing zone (UWBZ) at the site and defined the surface of a clay unit that perches groundwater and limits vertical infiltration. In June 2011, borings were advanced to the north, northeast, and northwest of the Property to further delineate contamination in the uppermost UWBZ. At Ecology's request, monitoring wells were installed on and downgradient of the Property and additional soil-gas probes were advanced in areas with elevated detections of PCE in groundwater (i.e. near the Post Office Property; see GP65 on Figure 1). Data from the June 2011 investigation are provided on the attached figures and tables for your reference. Laboratory reports and a data validation memorandum are also attached.

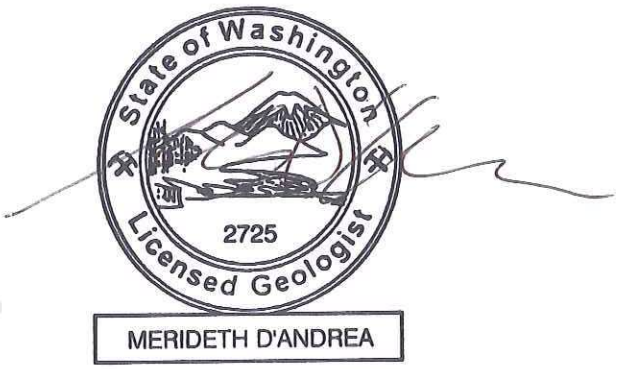
MFA will provide Ecology with a more comprehensive report describing the results of site characterization in greater detail and provide recommendations for additional characterization. Prior to developing recommendations for additional assessment, MFA would like to meet with Ecology and review the project status and results to date.

MFA also plans to contact the City of Ridgefield and provide it with the current data so appropriate safety measures can be taken for workers in the plume area.

Please call either of us if you have questions.

Sincerely,

Maul Foster & Alongi, Inc.



Merideth D'Andrea, LG
Project Geologist

Attachments: Tables
Figures
Laboratory Reports and Data Validation Memorandum

cc: Robert Hyatt
Lou Ferriera, Stoel Rives LLP

LIMITATIONS

The services undertaken in completing this report were performed consistent with generally accepted professional consulting principles and practices. No other warranty, express or implied, is made. These services were performed consistent with our agreement with our client. This report is solely for the use and information of our client unless otherwise noted. Any reliance on this report by a third party is at such party's sole risk.

Opinions and recommendations contained in this report apply to conditions existing when services were performed and are intended only for the client, purposes, locations, time frames, and project parameters indicated. We are not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of services. We do not warrant the accuracy of information supplied by others, or the use of segregated portions of this report.

TABLES

Table 1
Water Level Elevations in Shallow Groundwater
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Water Level (feet bgs)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
Deep Borings			
B5	5.2	84.95	79.75
B6	7.9	85.54	77.64
B7	5.9	85.39	79.49
B8	9.2	85.30	76.10
B9	8.3	79.57	71.27
Shallow Borings			
GP24	7	85.72	78.72
GP25	8	85.74	77.74
GP26	5.8	85.43	79.63
GP27	7.8	85.53	77.73
GP28	5.9	85.57	79.67
GP29	6.6	85.43	78.83
GP30	4.7	85.84	81.14
GP31	7.5	85.86	78.36
GP32	6.5	85.65	79.15
GP33	7.3	85.51	78.21
GP34	6.8	85.15	78.35
GP35	8.8	85.61	76.81
GP36	5.5	85.37	79.87
GP37	7.4	85.83	78.43
GP38	8.3	85.30	77.00
GP39	4.4	85.06	80.66
GP40	6.9	85.61	78.71
GP41	6.4	85.76	79.36
GP42	6.2	85.69	79.49
GP43	6.1	85.44	79.34
GP44	6.2	85.56	79.36
GP45	6.9	85.59	78.69
GP46	6.2	85.25	79.05
GP47	5.4	84.77	79.37
GP48	4.8	84.88	80.08
GP49	6.2	84.77	78.57
GP50	6	84.96	78.96
GP51	7.2	85.14	77.94
GP52	7.7	85.26	77.56
GP53	6.7	85.67	78.97
GP54	5.9	85.27	79.37
GP55	7	84.43	77.43

Table 1
Water Level Elevations in Shallow Groundwater
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Water Level (feet bgs)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
GP56	6.2	84.97	78.77
GP57	6.7	84.88	78.18
GP58	4.9	85.38	80.48
GP59	8.7	84.90	76.20
GP60	9	84.55	75.55
GP61	7.8	84.96	77.16
GP68	9.1	85.85	76.75
GP69	9.3	86.25	76.95
GP70	9.5	85.52	76.02
GP71	9.1	84.50	75.40
GP72	9.5	84.19	74.69
GP73	8.9	83.98	75.08
GP74	9.9	82.93	73.03
GP75	12.5	83.37	70.87
GP76	11.4	82.59	71.19
GP77	12.8	80.54	67.74
GP78	12.8	83.64	70.84
GP79	8.8	83.87	75.07
GP80	8.9	84.30	75.40
GP81	9.1	84.49	75.39
Monitoring Wells			
MW1	5.89	85.20	79.31
MW2	5.75	84.78	79.03
MW3	6.25	84.70	78.45
MW4	5.98	83.05	77.07
MW5	7.46	83.46	76.00
MW6	7.96	85.11	77.15
MW7	9.01	82.01	73.00

NOTES:

bgs = below ground surface.

MSL = mean sea level.

TOC = top of casing.

Table 2
PCE and Breakdown Products in Soil (µg/kg)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	1,1-Dichloro-ethene	cis-1,2-Dichloroethene	Tetra-chloroethene	trans-1,2-Dichloroethene	Trichloro-ethene	Vinyl chloride
MTCA Method A				NV	NV	50	NV	30	NV
MTCA Method B				4,000,000	800,000	1,900	1,600,000	11,000	670
B5	B5-S-0.5	03/03/2010	0.5	7.72 U	7.72 U	23.8	7.72 U	7.72 U	7.72 U
	B5-S-5.0	03/03/2010	5	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U
	B5-S-12.5	03/03/2010	12.5	6.99 U	6.99 U	**7,490**	6.99 U	6.99 U	6.99 U
	B5-S-14.0	03/03/2010	14	6.45 U	6.45 U	1,880	6.45 U	6.45 U	6.45 U
	B5-S-39.0	03/15/2010	39	9.13 U	9.13 U	9.13 U	9.13 U	9.13 U	9.13 U
B6	B6-S-0.5	03/05/2010	0.5	9.64 U	9.64 U	23.7	9.64 U	9.64 U	9.64 U
	B6-S-5.0	03/05/2010	5	11.5 U	11.5 U	11.5 U	11.5 U	11.5 U	11.5 U
	B6-S-12.0	03/05/2010	12	11.4 U	11.4 U	11.4 U	11.4 U	11.4 U	11.4 U
B7	B7-S-14.0	03/03/2010	14	9.72 U	9.72 U	9.72 U	9.72 U	9.72 U	9.72 U
	B7-S-15.5	03/03/2010	15.5	8.42 U	8.42 U	351	8.42 U	8.42 U	8.42 U
B8	B8-S-0.5	03/08/2010	0.5	9.63 U	9.63 U	9.63 U	9.63 U	9.63 U	9.63 U
	B8-S-5.0	03/08/2010	5	9.67 U	9.67 U	15.3	9.67 U	9.67 U	9.67 U
	B8-S-14.5	03/08/2010	14.5	48.9 U	48.9 U	**31,400**	48.9 U	48.9 U	48.9 U
	B8-S-16.5	03/08/2010	16.5	8.81 U	8.81 U	**4,370 HT**	8.81 U	8.81 U	8.81 U
	B8-S-40.0	03/17/2010	40	10.7 U	10.7 U	10.7 U	10.7 U	10.7 U	10.7 U
B9	B9-S-19.0	03/09/2010	19	11.6 U	11.6 U	271	11.6 U	21.0	11.6 U
	B9-S-21.5	03/09/2010	21.5	9 U	9 U	507	9 U	**332**	9 U
	B9-S-42.0	03/19/2010	42	9.33 U	9.33 U	9.33 U	9.33 U	9.33 U	9.33 U
	B9-S-75.0	03/22/2010	75	8.77 U	8.77 U	8.77 U	8.77 U	8.77 U	8.77 U
	B9-S-89.0	03/22/2010	89	8.94 U	8.94 U	8.94 U	8.94 U	8.94 U	8.94 U
B10	B10-S-33.0	03/23/2010	33	8.19 U	8.19 U	8.19 U	8.19 U	8.19 U	8.19 U
	B10-S-57.0	03/24/2010	57	9.41 U	9.41 U	9.41 U	9.41 U	9.41 U	9.41 U
B11	B11-S-88.0	03/26/2010	88	7.78 U	7.78 U	7.78 U	7.78 U	7.78 U	7.78 U
GP24	GP24-S-11.0	03/09/2010	11	10.3 U	10.3 U	10.3 U	10.3 U	10.3 U	10.3 U

Table 2
PCE and Breakdown Products in Soil (µg/kg)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	1,1-Dichloro-ethene	cis-1,2-Dichloroethene	Tetra-chloroethene	trans-1,2-Dichloroethene	Trichloro-ethene	Vinyl chloride
MTCA Method A				NV	NV	50	NV	30	NV
MTCA Method B				4,000,000	800,000	1,900	1,600,000	11,000	670
GP25	GP25-S-11.5	03/04/2010	11.5	10.9 U	10.9 U	10.9 U	10.9 U	10.9 U	10.9 U
GP26	GP26-S-11.0	03/04/2010	11	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U
GP27	GP27-S-12.5	03/04/2010	12.5	10.3 U	10.3 U	10.3 U	10.3 U	10.3 U	10.3 U
GP28	GP28-S-14.0	03/04/2010	14	8.23 U	8.23 U	8.23 U	8.23 U	8.23 U	8.23 U
GP29	GP29-S-12.0	03/08/2010	12	10.9 U	10.9 U	10.9 U	10.9 U	10.9 U	10.9 U
GP30	GP30-S-0.5	03/04/2010	0.5	8.8 U	8.8 U	37.5	8.8 U	8.8 U	8.8 U
	GP30-S-5.0	03/04/2010	5	9.77 U	9.77 U	9.77 U	9.77 U	9.77 U	9.77 U
	GP30-S-12.0	03/04/2010	12	9.55 U	9.55 U	9.55 U	9.55 U	9.55 U	9.55 U
GP32	GP32-S-0.5	03/05/2010	0.5	9.69 U	9.69 U	11.3	9.69 U	9.69 U	9.69 U
	GP32-S-5.0	03/05/2010	5	9.57 U	9.57 U	9.57 U	9.57 U	9.57 U	9.57 U
	GP32-S-12.0	03/05/2010	12	12.1 U	12.1 U	12.1 U	12.1 U	12.1 U	12.1 U
GP33	GP33-S-0.5	03/05/2010	0.5	12.2 U	12.2 U	12.2 U	12.2 U	12.2 U	12.2 U
	GP33-S-5.0	03/05/2010	5	9.9 U	9.9 U	9.9 U	9.9 U	9.9 U	9.9 U
	GP33-S-12.0	03/05/2010	12	11.4 U	11.4 U	11.4 U	11.4 U	11.4 U	11.4 U
GP35	GP35-S-14.0	03/04/2010	14	7.98 U	7.98 U	7.98 U	7.98 U	7.98 U	7.98 U
GP36	GP36-S-12.5	03/08/2010	12.5	11 U	11 U	11 U	11 U	11 U	11 U
GP37	GP37-S-0.5	03/05/2010	0.5	10.1 U	10.1 U	10.1 U	10.1 U	10.1 U	10.1 U
	GP37-S-5.0	03/05/2010	5	9.82 U	9.82 U	9.82 U	9.82 U	9.82 U	9.82 U
	GP37-S-12.5	03/05/2010	12.5	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U
GP38	GP38-S-0.5	03/05/2010	0.5	13.6 U	13.6 U	62.5	13.6 U	13.6 U	13.6 U
	GP38-S-12.0	03/05/2010	12	11.8 U	11.8 U	11.8 U	11.8 U	11.8 U	11.8 U
GP39	GP39-S-0.5	03/05/2010	0.5	8.66 U	8.66 U	9.74	8.66 U	8.66 U	8.66 U
	GP39-S-5.0	03/05/2010	5	9.81 U	9.81 U	9.81 U	9.81 U	9.81 U	9.81 U
	GP39-S-12.0	03/05/2010	12	9.35 U	9.35 U	9.35 U	9.35 U	9.35 U	9.35 U

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PCE and Breakdown Products in Soil (µg/kg)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	1,1-Dichloro-ethene	cis-1,2-Dichloroethene	Tetra-chloroethene	trans-1,2-Dichloroethene	Trichloro-ethene	Vinyl chloride
MTCA Method A				NV	NV	50	NV	30	NV
MTCA Method B				4,000,000	800,000	1,900	1,600,000	11,000	670
GP40	GP40-S-0.5	03/01/2010	0.5	7.77 U	7.77 U	13.3	7.77 U	7.77 U	7.77 U
	GP40-S-5.0	03/01/2010	5	7.74 U	7.74 U	7.74 U	7.74 U	7.74 U	7.74 U
	GP40-S-11.5	03/01/2010	11.5	7.41 U	7.41 U	7.41 U	7.41 U	7.41 U	7.41 U
GP41	GP41-S-0.5	03/01/2010	0.5	7.03 U	7.03 U	7.94	7.03 U	7.03 U	7.03 U
	GP41-S-5.0	03/01/2010	5	8.25 U	8.25 U	8.25 U	8.25 U	8.25 U	8.25 U
	GP41-S-12.5	03/01/2010	12.5	6.97 U	6.97 U	6.97 U	6.97 U	6.97 U	6.97 U
GP42	GP42-S-0.5	03/01/2010	0.5	6.67 U	6.67 U	16.1	6.67 U	6.67 U	6.67 U
	GP42-S-5.0	03/01/2010	5	6.96 U	6.96 U	26.2	6.96 U	6.96 U	6.96 U
	GP42-S-12.5	03/01/2010	12.5	7.95 U	7.95 U	10.7	7.95 U	7.95 U	7.95 U
GP43	GP43-S-0.5	03/02/2010	0.5	11.6 U	11.6 U	11.6 U	11.6 U	11.6 U	11.6 U
	GP43-S-5.0	03/02/2010	5	13.4 U	13.4 U	58.1	13.4 U	13.4 U	13.4 U
	GP43-S-12.5	03/02/2010	12.5	10.6 U	10.6 U	115	10.6 U	10.6 U	10.6 U
GP44	GP44-S-0.5	03/01/2010	0.5	6.89 U	6.89 U	54.0	6.89 U	6.89 U	6.89 U
	GP44-S-5.0	03/01/2010	5	8.11 U	8.11 U	8.11 U	8.11 U	8.11 U	8.11 U
	GP44-S-13.0	03/01/2010	13	7.86 U	7.86 U	7.86 U	7.86 U	7.86 U	7.86 U
GP45	GP45-S-0.5	03/01/2010	0.5	8.22 U	8.22 U	109	8.22 U	8.22 U	8.22 U
	GP45-S-5.0	03/01/2010	5	6.91 U	6.91 U	8.58	6.91 U	6.91 U	6.91 U
	GP45-S-12.5	03/01/2010	12.5	7.65 U	7.65 U	12.9	7.65 U	7.65 U	7.65 U
GP46	GP46-S-0.5	03/01/2010	0.5	6.8 U	6.8 U	98.7	6.8 U	6.8 U	6.8 U
	GP46-S-5.0	03/01/2010	5	6.61 U	6.61 U	6.61 U	6.61 U	6.61 U	6.61 U
	GP46-S-12.0	03/01/2010	12	7.96 U	7.96 U	74.3	7.96 U	7.96 U	7.96 U
GP47	GP47-S-0.5	03/02/2010	0.5	18.6 U	18.6 U	19.8	18.6 U	18.6 U	18.6 U
	GP47-S-5.0	03/02/2010	5	12.5 U	12.5 U	31.1	12.5 U	12.5 U	12.5 U
	GP47-S-12.0	03/02/2010	12	12 U	12 U	**6,820**	12 U	12 U	12 U

Table 2
PCE and Breakdown Products in Soil (µg/kg)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	1,1-Dichloro-ethene	cis-1,2-Dichloroethene	Tetra-chloroethene	trans-1,2-Dichloroethene	Trichloro-ethene	Vinyl chloride
MTCA Method A				NV	NV	50	NV	30	NV
MTCA Method B				4,000,000	800,000	1,900	1,600,000	11,000	670
GP48	GP48-S-0.5	03/03/2010	0.5	7.93 U	7.93 U	24.3	7.93 U	7.93 U	7.93 U
	GP48-S-5.0	03/03/2010	5	7.17 U	7.17 U	7.17 U	7.17 U	7.17 U	7.17 U
	GP48-S-12.5	03/03/2010	12.5	7.71 U	7.71 U	349	7.71 U	7.71 U	7.71 U
GP49	GP49-S-12.5	03/03/2010	12.5	8.06 U	8.06 U	8.06 U	8.06 U	8.06 U	8.06 U
GP50	GP50-S-0.5	03/01/2010	0.5	8.69 U	8.69 U	49.3	8.69 U	8.69 U	8.69 U
	GP50-S-5.0	03/01/2010	5	6.62 U	6.62 U	6.62 U	6.62 U	6.62 U	6.62 U
	GP50-S-12.5	03/01/2010	12.5	7.69 U	7.69 U	7.69 U	7.69 U	7.69 U	7.69 U
GP51	GP51-S-0.5	03/02/2010	0.5	9.14 U	9.14 U	147	9.14 U	9.14 U	9.14 U
	GP51-S-5.0	03/02/2010	5	6.26 U	6.26 U	23.4	6.26 U	6.26 U	6.26 U
	GP51-S-12.5	03/02/2010	12.5	8.18 U	8.18 U	117	8.18 U	8.18 U	8.18 U
GP52	GP52-S-0.5	03/03/2010	0.5	7.44 U	7.44 U	33.7	7.44 U	7.44 U	7.44 U
	GP52-S-5.0	03/03/2010	5	7.33 U	7.33 U	11.9	7.33 U	7.33 U	7.33 U
	GP52-S-12.5	03/03/2010	12.5	7.82 U	7.82 U	**316,000**	7.82 U	7.82 U	7.82 U
GP53	GP53-S-12.5	03/02/2010	12.5	7.88 U	7.88 U	7.88 U	7.88 U	7.88 U	7.88 U
GP54	GP54-S-0.5	03/02/2010	0.5	12.4 UH	12.4 UH	26.0 H	12.4 UH	12.4 UH	12.4 UH
	GP54-S-5.0	03/02/2010	5	13 UH	13 UH	13 U	13 UH	13 UH	13 UH
	GP54-S-12.5	03/02/2010	12.5	8.8 U	8.8 U	37.7	8.8 U	8.8 U	8.8 U
GP55	GP55-S-0.5	03/03/2010	0.5	6.94 U	6.94 U	6.94 U	6.94 U	6.94 U	6.94 U
	GP55-S-5.0	03/03/2010	5	7.61 U	7.61 U	7.61 U	7.61 U	7.61 U	7.61 U
	GP55-S-12.5	03/03/2010	12.5	9.81 U	9.81 U	862	9.81 U	9.81 U	9.81 U
GP56	GP56-S-0.5	03/03/2010	0.5	12.5 UH	12.5 UH	12.5 UH	12.5 UH	12.5 UH	12.5 UH
	GP56-S-5.0	03/03/2010	5	13.1 UH	13.1 UH	13.1 UH	13.1 UH	13.1 UH	13.1 UH
	GP56-S-13.5	03/03/2010	13.5	7.8 U	7.8 U	49.1	7.8 U	7.8 U	7.8 U
GP57	GP57-S-14.0	03/03/2010	14	6.75 U	6.75 U	17.9	6.75 U	6.75 U	6.75 U

Table 2
PCE and Breakdown Products in Soil (µg/kg)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	1,1-Dichloro-ethene	cis-1,2-Dichloroethene	Tetra-chloroethene	trans-1,2-Dichloroethene	Trichloro-ethene	Vinyl chloride
MTCA Method A				NV	NV	50	NV	30	NV
MTCA Method B				4,000,000	800,000	1,900	1,600,000	11,000	670
GP58	GP58-S-15.0	03/08/2010	15	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U
GP59	GP59-S-15.0	03/08/2010	15	10.7 U	10.7 U	10.7 U	10.7 U	10.7 U	10.7 U
GP60	GP60-S-14.5	03/08/2010	14.5	52.1 U	7.08 Q	53.8	52.1 U	52.1 U	52.1 U
GP61	GP61-S-14.5	03/09/2010	14.5	10 U	10 U	10 U	10 U	10 U	10 U

NOTES:

bgs = below ground surface.

Bold = value exceeds MTCA Method B screening levels.

H = sample was analyzed outside recommended hold time.

MTCA = Model Toxics Control Act.

µg/kg = milligrams per kilogram.

NV = no value.

PCE = tetrachloroethene.

Q = detedtion levels elevated due to sample matrix.

Shading = value exceeds MTCA Method A screening levels.

U = not detected at or above method reporting limits.

Table 3
PCE and Breakdown Products in Reconnaissance Groundwater (µg/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	1,1-Dichloro-ethene	cis-1,2-Dichloro-ethene	Tetra-chloroethene	trans-1,2-Dichloroethene	Trichloro-ethene	Vinyl chloride
MTCA Method A				NV	NV	5	NV	5	0.2
MTCA Method B				400	80	0.081	160	0.49	0.029
B5	B5-W-12.5	03/03/2010	12.5	1 U	1 U	**6510**	1 U	**4.71**	1 U
B6	B6-W-12.0	03/05/2010	12	1 U	1 U	**1.00**	1 U	1 U	1 U
B7	B7-W-14.0	03/03/2010	14	1 U	1 U	**5.87**	1 U	1 U	1 U
B8	B8-W-14.5	03/08/2010	14.5	1 U	1 U	**2600**	1 U	**2.54**	1 U
B9	B9-W-19.0	03/09/2010	19	1 U	1 U	**60.0**	1 U	**2.87**	1 U
	B9-W-75.0	03/22/2010	75	1 U	1 U	**5.29**	1 U	**1.32**	1 U
	B9-W-75.0-Dup	03/22/2010	75	1 U	1 U	**5.16**	1 U	**1.47**	1 U
	B9-W-89.0	03/22/2010	89	1 U	1 U	**5.46**	1 U	1 U	1 U
B10	B10-W-33.0	03/23/2010	33	1 U	1 U	**3.69**	1 U	**1.36**	1 U
	B10-W-57.0	03/24/2010	57	1 U	1 U	**4.69**	1 U	1 U	1 U
B11	B11-W-88.0	03/26/2010	88	1 U	1 U	**1.81**	1 U	1 U	1 U
GP24	GP24-W-11.0	03/08/2010	11	1 U	1 U	1 U	1 U	1 U	1 U
GP25	GP25-W-11.5	03/04/2010	11.5	1 U	1 U	1 U	1 U	1 U	1 U
GP26	GP26-W-11.0	03/04/2010	11	1 U	1 U	1 U	1 U	1 U	1 U
GP27	GP27-W-12.5	03/04/2010	12.5	1 U	1 U	**1.03**	1 U	1 U	1 U
GP28	GP28-W-14.0	03/04/2010	14	1 U	1 U	**1.17**	1 U	1 U	1 U
	GP28-W-14.0-Dup	03/04/2010	14	1 U	1 U	**1.21**	1 U	1 U	1 U
GP29	GP29-W-12.0	03/08/2010	12	1 U	1 U	1 U	1 U	1 U	1 U
GP32	GP32-W-12.0	03/05/2010	12	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
PCE and Breakdown Products in Reconnaissance Groundwater (µg/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	1,1-Dichloro-ethene	cis-1,2-Dichloro-ethene	Tetra-chloroethene	trans-1,2-Dichloroethene	Trichloro-ethene	Vinyl chloride
MTCA Method A				NV	NV	5	NV	5	0.2
MTCA Method B				400	80	0.081	160	0.49	0.029
GP33	GP33-W-12.0	03/05/2010	12	1 U	1 U	1 U	1 U	1 U	1 U
GP35	GP35-W-14.0	03/04/2010	14	1 U	1 U	**1.66**	1 U	1 U	1 U
GP36	GP36-W-12.5	03/08/2010	12.5	1 U	1 U	1 U	1 U	1 U	1 U
GP38	GP38-W-12.0	03/05/2010	12	1 U	1 U	**3.78**	1 U	1 U	1 U
GP39	GP39-W-12.0	03/05/2010	12	1 U	1 U	**1.97**	1 U	1 U	1 U
GP40	GP40-W-11.5	03/01/2010	11.5	1 U	1 U	1 U	1 U	1 U	1 U
GP41	GP41-W-12.5	03/01/2010	12.5	1 U	1 U	**7.49**	1 U	1 U	1 U
GP42	GP42-W-12.5	03/01/2010	12.5	1 U	1 U	**111**	1 U	1 U	1 U
GP43	GP43-W-12.5	03/02/2010	12.5	1 U	1 U	**3670**	1 U	**7.46**	1 U
GP44	GP44-W-13.0	03/01/2010	13	1 U	1 U	**11.9**	1 U	1 U	1 U
GP45	GP45-W-12.5	03/01/2010	12.5	1 U	1 U	**21.8**	1 U	1 U	1 U
GP46	GP46-W-12.0	03/01/2010	12	1 U	1 U	**1710**	1 U	1.01	1 U
GP47	GP47-W-12.0	03/02/2010	12	1 U	1 U	**5090**	1 U	12.1	1 U
GP48	GP48-W-12.5	03/03/2010	12.5	1 U	1 U	**915**	1 U	1.31	1 U
GP49	GP49-W-12.5	03/03/2010	12.5	1 U	1 U	**24.5**	1 U	1 U	1 U
GP50	GP50-W-12.5	03/01/2010	12.5	1 U	1 U	**6.14**	1 U	1 U	1 U
GP51	GP51-W-12.5	03/02/2010	12.5	1 U	1 U	**660**	1 U	1 U	1 U
GP52	GP52-W-12.5	03/03/2010	12.5	1 U	1 U	**37,700**	1 U	**20.4**	1 U
GP53	GP53-W-12.5	03/02/2010	12.5	1 U	1 U	**3.38**	1 U	1 U	1 U
GP54	GP54-W-12.5	03/02/2010	12.5	1 U	1 U	**148**	1 U	1 U	1 U
GP55	GP55-W-12.5	03/03/2010	12.5	1 U	1 U	**1970**	1 U	1 U	1 U

Table 3
PCE and Breakdown Products in Reconnaissance Groundwater (µg/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	1,1-Dichloro-ethene	cis-1,2-Dichloro-ethene	Tetra-chloroethene	trans-1,2-Dichloroethene	Trichloro-ethene	Vinyl chloride
MTCA Method A				NV	NV	5	NV	5	0.2
MTCA Method B				400	80	0.081	160	0.49	0.029
GP56	GP56-W-13.5	03/03/2010	13.5	1 U	1 U	**37.4**	1 U	1 U	1 U
GP57	GP57-W-14.0	03/03/2010	14	1 U	1 U	**2.44**	1 U	1 U	1 U
GP58	GP58-W-15.0	03/08/2010	15	1 U	1 U	**3.46**	1 U	**1.64**	1 U
GP59	GP59-W-15.0	03/08/2010	15	1 U	1 U	**5.39**	1 U	**1.96**	1 U
GP60	GP60-W-14.5	03/08/2010	14.5	1 U	1 U	**27.8**	1 U	**4.87**	1 U
GP61	GP61-W-14.5	03/09/2010	14.5	1 U	1 U	**18.6**	1 U	1 U	1 U
GP62	GP62-W-15.0	10/19/2010	15	1 U	1 U	**16.0**	1 U	**4.92**	1 U
GP63	GP63-W-21.0	10/19/2010	21	1 U	1 U	**4.25**	1 U	1 U	1 U
GP64	GP64-W-15.0	10/18/2010	15	1 U	1 U	1 U	1 U	1 U	1 U
GP65	GP65-W-21.0	10/18/2010	21	1 U	1.52	**1630**	1 U	**436**	**2.23**
GP66	GP66-W-15.0	10/18/2010	15	1 U	1 U	**2.12**	1 U	1 U	1 U
GP67	GP67-W-17.0	10/18/2010	17	1 U	1 U	**175**	1 U	**6.41**	1 U
GP68	GP68-W-15.5	6/21/2011	15.5	1 U	1 U	1 U	1 U	1 U	1 U
GP69	GP69-W-17.0	6/21/2011	17	1 U	1 U	1 U	1 U	1 U	1 U
GP70	GP70-W-17.0	6/21/2011	17	1 U	1 U	1 U	1 U	1 U	1 U
GP71	GP71-W-22.1	6/21/2011	22.1	1 U	1 U	1 U	1 U	1 U	1 U
GP72	GP72-W-20.0	6/20/2011	20	1 U	1 U	1 U	1 U	1 U	1 U
GP73	GP73-W-19.0	6/17/2011	19	1 U	1 U	**63.2**	1 U	**4.83**	1 U
GP74	GP74-W-17.0	6/17/2011	17	1 U	6.24	**150**	1 U	**6.44**	1 U
GP75	GP75-W-18.5	6/16/2011	18.5	1 U	23.1	**268**	4.54	**18.3**	1 U
GP76	GP76-W-18.8	6/16/2011	18.8	1 U	7.12	**119**	1 U	**6.39**	1 U
GP77	GP77-W-19.0	6/16/2011	19	1 U	5.88	**316**	4.59	**16.3**	1 U

Table 3
PCE and Breakdown Products in Reconnaissance Groundwater (µg/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	1,1-Dichloro-ethene	cis-1,2-Dichloro-ethene	Tetra-chloroethene	trans-1,2-Dichloroethene	Trichloro-ethene	Vinyl chloride
MTCA Method A				NV	NV	5	NV	5	0.2
MTCA Method B				400	80	0.081	160	0.49	0.029
GP78	GP78-W-31.0	6/20/2011	31	1 U	1 U	1 U	1 U	1 U	1 U
GP79	GP79-W-21.0	6/17/2011	21	1 U	1 U	**4.47**	1 U	1 U	1 U
GP79	GP79-W-21.0-DUP	6/17/2011	21	1 U	1 U	**4.51**	1 U	1 U	1 U
GP80	GP80-W-30.0	6/17/2011	30	1 U	1 U	**5.76**	1 U	**5.85**	1 U
GP81	GP81-W-19.0	6/23/2011	19	1 U	1 U	1 U	1 U	1 U	1 U

NOTES:

bgs = below ground surface.

Bold = value exceeds MTCA Method B screening levels.

MTCA = Model Toxics Control Act.

µg/L = micrograms per liter.

NV = no value.

Shading = value exceeds MTCA Method A screening levels.

TCE = trichloroethene.

U = not detected at or above the method reporting limit.

Table 4
PCE and Breakdown Products in Monitoring Wells (ug/L)
Former Park Laundry
Union Ridge Investments Company
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	1,1-Dichloro-ethene	cis-1,2-Dichloro-ethene	Tetra-chloroethene	trans-1,2-Dichloroethene	Trichloro-ethene	Vinyl chloride
MTCA Method A				NV	NV	5	NV	5	0.2
MTCA Method B				400	80	0.081	160	0.49	0.029
MW1	MW1-12.5	6/24/2011	12.5	1 U	1 U	**19.5**	1 U	1 U	1 U
MW2	MW2-14.0	6/24/2011	14	1 U	1 U	**8.84**	1 U	1 U	1 U
MW3	MW3-15.0	6/24/2011	15	1 U	1 U	**12500**	1 U	**3.47**	1 U
MW4	MW4-16.0	6/24/2011	16	1 U	1 U	**226**	1 U	**13.9**	1 U
MW4	MW4-16-DUP	6/24/2011	16	1 U	1 U	**216**	1 U	**15.8**	1 U
MW5	MW5-16.5	6/24/2011	16.5	1 U	1 U	**2240**	1 U	**3.61**	1 U
MW6	MW6-16.0	6/24/2011	16	1 U	1.31	**3.77**	1 U	**19.1**	1 U
MW7	MW7-15.0	6/24/2011	15	1 U	1 U	**11.7**	1 U	1 U	1 U

NOTES:

bgs = below ground surface.

Bold = value exceeds MTCA Method B screening levels.

MTCA = Model Toxics Control Act.

µg/L = micrograms per liter.

NV = no value.

Shading = value exceeds MTCA Method A screening levels.

TCE = trichloroethene.

U = not detected at or above the method reporting limit.

Table 5
PCE and Breakdown Products in Soil Gas (µg/m^3)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Lab Code	Date	Depth (feet bgs)	1,1-Dichloro-ethene	cis-1,2-Dichloro-ethene	Tetra-chloro-ethene	trans-1,2-Dichloro-ethene	Trichloro-ethene	Vinyl chloride
MTCA Method B Subslab Soil Gas Screening Value					910	160	4.2	320	1	2.8
SG1	SG1-4.0	1003288-01A	03/09/2010	4	0.14 U	0.27 U	**200**	1.4 U	0.37 U	0.087 U
SG2	SG2-3.0	1003288-02A	03/09/2010	3	12 U	12 U	**3800**	12 U	**17 U**	7.9 U
SG3	SG3-3.5	1003288-03A	03/10/2010	3.5	0.064 U	0.13 U	0.22 U	0.64 U	0.17 U	0.050
SG4	SG4-3.5	1003288-04A	03/10/2010	3.5	0.065 U	0.13 U	1.2	0.65 U	0.18 U	0.042 U
SG5	SG5-3.5	1003288-05A	03/10/2010	3.5	0.065 U	0.13 U	2.9	0.65 U	0.18 U	0.042 U
SG7	SG7-3.5	1003288-07A	03/10/2010	3.5	1.2 U	2.5 U	**2800**	12 U	**32**	0.81 U
SG8	SG8-3.5	1003288-08A	03/10/2010	3.5	0.057 U	0.11 U	**35**	0.57 U	0.15 U	0.037 U
SG9	SG9-3.5	1003288-09A	03/10/2010	3.5	0.060 U	0.12 U	3.5	0.60 U	0.16 U	0.094
SG10	SG10-2.5	1003288-10A	03/10/2010	2.5	1.2 U	2.4 U	**1600**	12 U	**3.3 U**	0.79 U
SG11	SG11	1106496-01A	6/20/2011	5	4 U	4 U	6.8 U	4 U	5.4 U	2.6 U
SG12	SG12	1106496-02A	6/20/2011	5	4 U	4 U	**15**	4 U	5.4 U	2.6 U
SG13	SG13	1106496-03A	6/20/2011	5	4 U	4 U	**150**	4 U	5.4 U	2.6 U
SG14	SG14	1106496-04A	6/21/2011	5	4 U	4 U	6.8 U	4 U	5.4 U	2.6 U
SG15	SG15	1106496-05A	6/20/2011	5	4 U	4 U	6.8 U	4 U	5.4 U	2.6 U

NOTES:

bgs = below ground surface.

Bold = value exceeds the MTCA Method B screening level.

MTCA = Model Toxics Control Act.

µg/m^3 = micrograms per cubic meter.

PCE = tetrachloroethene.

U = not detected at or above the method reporting limit.

FIGURES

Path: X:\8006.31\Projects\01\Work Plan July 2011\Fig1_PCE Concentrations in Shallow Groundwater.mxd

Print Date: 8/26/2011

Approved By: M. D'Andrea

Produced By: J. Schane

Project: 8006.31.01/04

Source: Aerial photograph (2007) obtained from Clark County GIS Services.

Notes
1. U = Not detected at or above method reporting limit.
2. PCE concentrations interpolated using the Natural Neighbor tool within Spatial Analyst extension of ArcGis 10.0.

PCE in Shallow Groundwater (µg/L)

< 5 (MTCA Method A) | 6 - 50 | 50 - 100 | 100 - 200 | 200 - 400 | 400 - 800 | 800 - 1,600 | 1,600 - 3,200 | 3,200 - 6,400 | 6,400 - 12,800 | 12,800 - 25,600 | 25,600 - 35,056

Legend

- Monitoring Well, MFA June 2011
- Monitoring Well, Port of Ridgefield
- Deep Boring, MFA March 2010
- Shallow Boring, MFA March 2010
- Shallow Boring, MFA June 2011
- Shallow Boring, MFA October 2010
- Shallow Boring, MFA 2001
- Property Boundary

Figure 1
PCE Concentrations in Shallow Groundwater

Union Ridge Investment Company
Ridgefield, Washington

0 50 100
Feet

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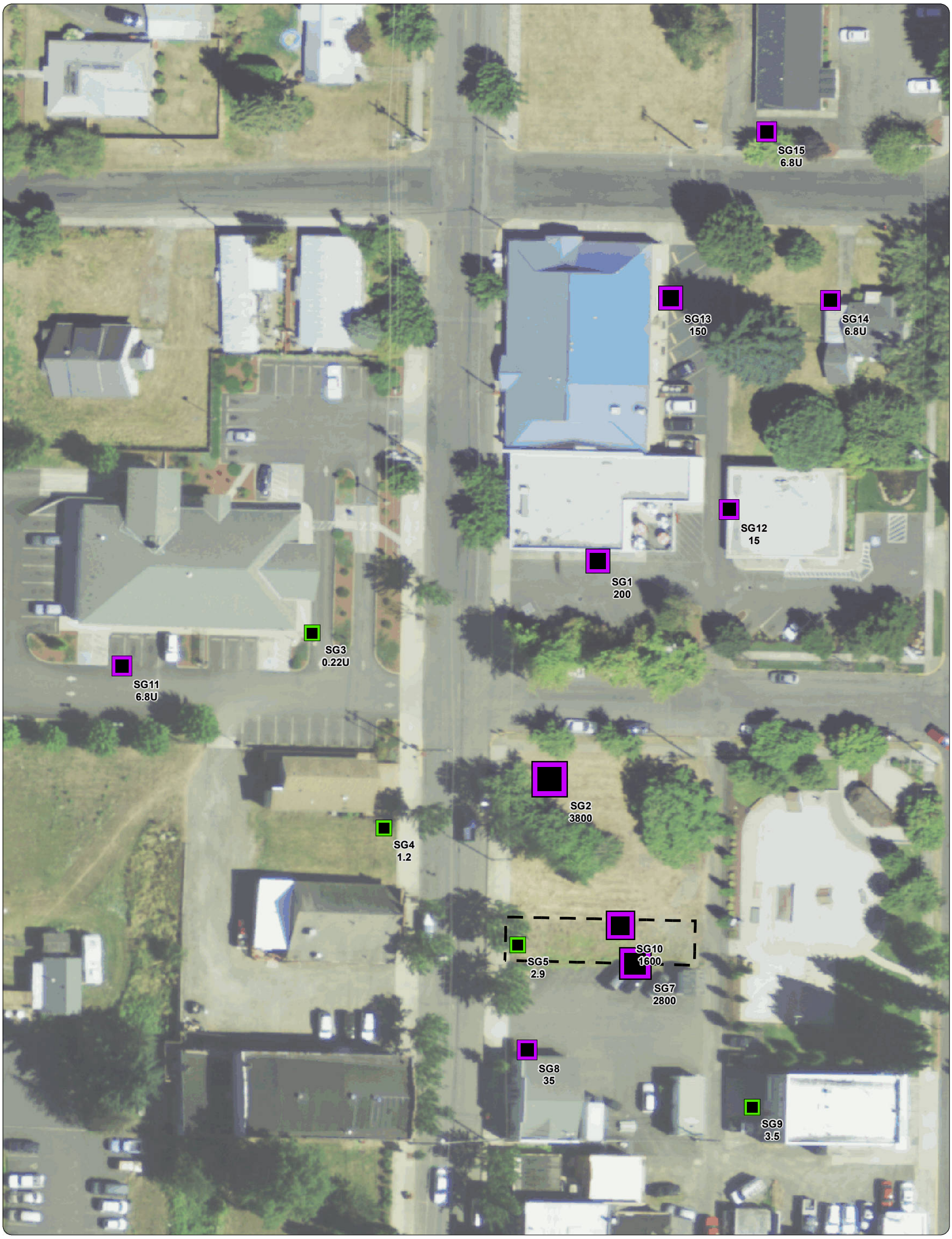

Source: Aerial photograph (2007) obtained from Clark County, Washington GIS Department

Note:
U = Not detected at or above method reporting limit.

Legend

Property Tax Lot Boundary

PCE Soil-Gas Results (µg/m³)
MTCA Method B = 4.2 µg/m³

0 - 4.2 (Method B) | 35 | 200 | 1,600 | 2,800 | 3,800

Figure 2
PCE Soil-Gas Results

Union Ridge
Investment Company
Ridgefield, Washington

0 25 50
Feet

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File: X:\8006.31\Projects\01\Work Plan July 2011\Fig9_PCE Soil-Gas Results.mxd
Print Date: 07-19-2011
Approved By: M. D'Andrea
Produced By: J. Schane
Project: 8006.31.01

X:\8006.31\Data\01\Work Plan July 2011\Fig_Estimated Groundwater Elevation.mxd

Print Date: 08-08-2011

Approved By: M. Gibson

Produced By: Hines

Project: 8006.31.01

Figure 3
Estimated Groundwater Elevation

Union Ridge
Investment Company
Ridgefield, Washington

Legend

- Monitoring Well
- Soil Boring
- Groundwater Elevation Contour (1 ft Interval)
- Property Tax Lot Boundary

Notes:
1. All elevations represented in the National Geodetic Vertical Datum of 1929 (NGVD 29).
2. Groundwater contours were created using Natural Neighbor interpolation method within Spatial Analyst extension of ArcGIS10.

0 30 60
Feet

Source: Aerial photograph and tax lot data obtained from Clark County GIS Department.

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Source: Aerial photograph (2007) obtained from Clark County GIS Services.

Note
Clay Layer was estimated using the Topo to Raster tool (spline interpolation method) within 3D Analyst extension of ArcGis 10.0.

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Legend

- Monitoring Well
- Soil Boring
- Clay Surface (2ft interval)
- Property Boundary

Figure 4
Clay Layer Elevations

Union Ridge
Investment Company
Ridgefield, Washington

0 50 100
Feet

Path: X:\8006.31\Projects\01\Work Plan July 2011\Fig4_Clay Layer Elevations.mxd
Print Date: 8/26/2011
Approved By: M. D'Andrea
Produced By: whines
Project: 8006.31.01

ATTACHMENT

LABORATORY REPORTS AND DATA VALIDATION MEMORANDUM

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 8006.31.01 | JULY 8TH, 2011 | UNION RIDGE INVESTMENT COMPANY

This report reviews the analytical results for groundwater samples collected by the Maul Foster & Alongi, Inc. (MFA) project team on the Union Ridge Investment Company site located at 122 N. Main Avenue in Ridgefield, Washington. The samples were collected in June, 2011.

Specialty Analytical (SA), in Clackamas, Oregon performed the analyses. SA report number 1106146, 1106174, 1106182 and Air Toxics Ltd. (ATL) report number 1106496_d were reviewed. The analyses performed are listed below.

Analysis	Reference
Volatile organic compounds	USEPA 8260B
Volatile organic compounds in air	USEPA TO-17

USEPA = U.S. Environmental Protection Agency.

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 2008), and appropriate laboratory and method-specific (SA, 2010; ATL, 2011; USEPA, 1986).

The data are considered acceptable for their intended use, with the appropriate data qualifiers assigned.

HOLDING TIMES, PRESERVATION, AND SAMPLE STORAGE

Holding Times

Extractions and analyses were performed within the recommended holding time criteria.

Preservation and Sample Storage

The samples were preserved and stored appropriately.

BLANKS

Method Blanks

Laboratory method blank analyses were performed at the required frequencies. No analytes were detected above the RLs in the method blanks.

Trip Blanks

Trip blanks were not submitted for this sampling event.

Equipment Rinsate Blanks

Equipment rinsate blanks were not required for this sampling event, as all samples were collected using dedicated, single-use equipment.

SURROGATE RECOVERY RESULTS

The samples were spiked with surrogate compounds to evaluate laboratory performance on individual samples. ATL sample 1106496-01A had a high surrogate recovery, but all of the analytes were non-detects. All other surrogate recoveries were within acceptance limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

MS/MSD results are used to evaluate laboratory precision and accuracy. All MS/MSD samples were extracted and analyzed at the required frequency. All recoveries were within acceptance limits for percent recovery and relative percent differences (RPDs).

LABORATORY CONTROL SAMPLE RESULTS

An LCS is spiked with target analytes to provide information on laboratory accuracy. The LCS samples were extracted and analyzed at the required frequency. All LCS analytes were within acceptance limits for percent recovery.

REPORTING LIMITS

SA and ATL used routine reporting limits for non-detect results, except for samples requiring dilutions because of high analyte concentrations and/or matrix interferences.

DATA PACKAGE

The data packages were reviewed for transcription errors, omissions, and anomalies. None were found.

REFERENCES

SA. 2010. Quality assurance manual. Specialty Analytical, Clackamas, Oregon.

ATL 2011. Quality assurance manual. Air Toxics Ltd., Folsom, California

USEPA. 1986. Test methods for evaluating solid waste: physical/chemical methods. EPA-530/SW-846. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. September (update 1, July 1992; update 2a, August 1993; update 2, September 1994; update 2b, January 1995).

USEPA. 2008. USEPA contract laboratory program, national functional guidelines for organics data review. EPA 540/R-08/01. U.S. Environmental Protection Agency, Office of Emergency and Remedial Response. June.

Specialty Analytical

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(503) 607-1331
Fax (503) 607-1336

July 01, 2011

Merideth D'Andrea
Maul, Foster & Alongi
7223 NE Hazel Dell Avenue
Suite B
Vancouver, WA 98665

TEL: (360) 694-2691
FAX: (360) 906-1958

RE: URIC / 8006.31.01

Dear Merideth D'Andrea:

Order No.: 1106174

Specialty Analytical received 5 samples on 6/24/2011 for the analyses presented in the following report.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

Cindy Hillyard
Project Manager

Technical Review

Specialty Analytical

Date: *01-Jul-11*

CLIENT: Maul, Foster & Alongi
Project: URIC / 8006.31.01
Lab Order: 1106174

Lab ID: 1106174-01
Collection Date: 6/21/2011 9:00:00 AM
Client Sample ID: GP68-W-15.5
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **kmn**
1,1-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 3:05:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 3:05:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	6/30/2011 3:05:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 3:05:00 PM
Trichloroethene	ND	1.00		µg/L	1	6/30/2011 3:05:00 PM
Vinyl chloride	ND	1.00		µg/L	1	6/30/2011 3:05:00 PM
Surr: 1,2-Dichloroethane-d4	93.9	72.2-129		%REC	1	6/30/2011 3:05:00 PM
Surr: 4-Bromofluorobenzene	108	73.5-125		%REC	1	6/30/2011 3:05:00 PM
Surr: Dibromofluoromethane	103	58.8-148		%REC	1	6/30/2011 3:05:00 PM
Surr: Toluene-d8	109	79.8-137		%REC	1	6/30/2011 3:05:00 PM

Lab ID: 1106174-02
Collection Date: 6/21/2011 9:50:00 AM
Client Sample ID: GP69-W-17.0
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **kmn**
1,1-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 3:41:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 3:41:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	6/30/2011 3:41:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 3:41:00 PM
Trichloroethene	ND	1.00		µg/L	1	6/30/2011 3:41:00 PM
Vinyl chloride	ND	1.00		µg/L	1	6/30/2011 3:41:00 PM
Surr: 1,2-Dichloroethane-d4	96.5	72.2-129		%REC	1	6/30/2011 3:41:00 PM
Surr: 4-Bromofluorobenzene	105	73.5-125		%REC	1	6/30/2011 3:41:00 PM
Surr: Dibromofluoromethane	102	58.8-148		%REC	1	6/30/2011 3:41:00 PM
Surr: Toluene-d8	109	79.8-137		%REC	1	6/30/2011 3:41:00 PM

Specialty Analytical

Date: *01-Jul-11*

CLIENT: Maul, Foster & Alongi
Project: URIC / 8006.31.01
Lab Order: 1106174

Lab ID: 1106174-03
Collection Date: 6/21/2011 11:00:00 AM
Client Sample ID: GP70-W-17.0
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **kmn**
1,1-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 4:16:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 4:16:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	6/30/2011 4:16:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 4:16:00 PM
Trichloroethene	ND	1.00		µg/L	1	6/30/2011 4:16:00 PM
Vinyl chloride	ND	1.00		µg/L	1	6/30/2011 4:16:00 PM
Surr: 1,2-Dichloroethane-d4	95.0	72.2-129		%REC	1	6/30/2011 4:16:00 PM
Surr: 4-Bromofluorobenzene	110	73.5-125		%REC	1	6/30/2011 4:16:00 PM
Surr: Dibromofluoromethane	103	58.8-148		%REC	1	6/30/2011 4:16:00 PM
Surr: Toluene-d8	110	79.8-137		%REC	1	6/30/2011 4:16:00 PM

Lab ID: 1106174-04
Collection Date: 6/23/2011 12:00:00 PM
Client Sample ID: GP81-W-19.0
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **kmn**
1,1-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 4:52:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 4:52:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	6/30/2011 4:52:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 4:52:00 PM
Trichloroethene	ND	1.00		µg/L	1	6/30/2011 4:52:00 PM
Vinyl chloride	ND	1.00		µg/L	1	6/30/2011 4:52:00 PM
Surr: 1,2-Dichloroethane-d4	93.2	72.2-129		%REC	1	6/30/2011 4:52:00 PM
Surr: 4-Bromofluorobenzene	104	73.5-125		%REC	1	6/30/2011 4:52:00 PM
Surr: Dibromofluoromethane	102	58.8-148		%REC	1	6/30/2011 4:52:00 PM
Surr: Toluene-d8	107	79.8-137		%REC	1	6/30/2011 4:52:00 PM

Specialty Analytical

Date: *01-Jul-11*

CLIENT: Maul, Foster & Alongi
Project: URIC / 8006.31.01

Lab Order: 1106174

Lab ID: 1106174-05
Client Sample ID: GP71-W-22.1

Collection Date: 6/21/2011 2:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **kmn**
1,1-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 5:25:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 5:25:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	6/30/2011 5:25:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 5:25:00 PM
Trichloroethene	ND	1.00		µg/L	1	6/30/2011 5:25:00 PM
Vinyl chloride	ND	1.00		µg/L	1	6/30/2011 5:25:00 PM
Surr: 1,2-Dichloroethane-d4	94.9	72.2-129		%REC	1	6/30/2011 5:25:00 PM
Surr: 4-Bromofluorobenzene	104	73.5-125		%REC	1	6/30/2011 5:25:00 PM
Surr: Dibromofluoromethane	103	58.8-148		%REC	1	6/30/2011 5:25:00 PM
Surr: Toluene-d8	108	79.8-137		%REC	1	6/30/2011 5:25:00 PM

CLIENT: Maul, Foster & Alongi
Work Order: 1106174
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: **MB-28833**	SampType: **MBLK**	TestCode: **8260_W**	Units: **µg/L**	Prep Date: **6/30/2011**	Run ID: **5973J_110630A**
Client ID: **ZZZZZ**	Batch ID: **28833**	TestNo: **SW8260B**		Analysis Date: **6/30/2011**	SeqNo: **761124**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00									
1,1,1-Trichloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,1-Dichloropropene	ND	1.00									
1,2,3-Trichlorobenzene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	ND	1.00									
1,2,4-Trimethylbenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
1,2-Dichloropropane	ND	1.00									
1,3,5-Trimethylbenzene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,3-Dichloropropane	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
2,2-Dichloropropane	ND	1.00									
2-Butanone	ND	10.0									
2-Chlorotoluene	ND	1.00									
2-Hexanone	ND	10.0									
4-Chlorotoluene	ND	1.00									
4-Isopropyltoluene	ND	1.00									
4-Methyl-2-pentanone	ND	20.0									
Acetone	1.16	50.0									J
Acrylonitrile	ND	5.00									
Benzene	ND	0.300									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1106174
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: **MB-28833** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: **6/30/2011** Run ID: **5973J_110630A**
Client ID: **ZZZZZ** Batch ID: **28833** TestNo: **SW8260B** Analysis Date: **6/30/2011** SeqNo: **761124**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromobenzene	ND	1.00									
Bromochloromethane	ND	1.00									
Bromodichloromethane	ND	1.00									
Bromoform	ND	1.00									
Bromomethane	3.06	1.00									
Carbon disulfide	ND	2.00									
Carbon tetrachloride	ND	1.00									
Chlorobenzene	ND	1.00									
Chloroethane	ND	1.00									
Chloroform	0.49	1.00									J
Chloromethane	3.53	1.00									
cis-1,2-Dichloroethene	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Dibromochloromethane	ND	1.00									
Dibromomethane	ND	1.00									
Dichlorodifluoromethane	ND	1.00									
Ethylbenzene	ND	1.00									
Hexachlorobutadiene	ND	1.00									
Isopropylbenzene	ND	1.00									
m,p-Xylene	ND	2.00									
Methyl tert-butyl ether	ND	1.00									
Methylene chloride	4.63	20.0									J
n-Butylbenzene	ND	1.00									
n-Propylbenzene	ND	1.00									
Naphthalene	ND	1.00									
o-Xylene	ND	1.00									
sec-Butylbenzene	ND	1.00									
Styrene	ND	1.00									
tert-Butylbenzene	ND	1.00									
Tetrachloroethene	ND	1.00									
Toluene	ND	1.00									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1106174
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: **MB-28833**	SampType: **MBLK**	TestCode: **8260_W**	Units: **µg/L**	Prep Date: **6/30/2011**	Run ID: **5973J_110630A**
Client ID: **ZZZZZ**	Batch ID: **28833**	TestNo: **SW8260B**		Analysis Date: **6/30/2011**	SeqNo: **761124**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	1.00									
trans-1,3-Dichloropropene	ND	1.00									
Trichloroethene	ND	1.00									
Trichlorofluoromethane	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	94.55	0	100	0	94.6	72.2	129	0	0		
Surr: 4-Bromofluorobenzene	101.5	0	100	0	102	73.5	125	0	0		
Surr: Dibromofluoromethane	99.42	0	100	0	99.4	58.8	148	0	0		
Surr: Toluene-d8	106.7	0	100	0	107	79.8	137	0	0		

Sample ID: **LCS-28833**	SampType: **LCS**	TestCode: **8260_W**	Units: **µg/L**	Prep Date: **6/30/2011**	Run ID: **5973J_110630A**
Client ID: **ZZZZZ**	Batch ID: **28833**	TestNo: **SW8260B**		Analysis Date: **6/30/2011**	SeqNo: **761120**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	40.22	1.00	40	0	101	69.9	130	0	0		
Benzene	44.63	0.300	40	0	112	77.9	125	0	0		
Chlorobenzene	42.44	1.00	40	0	106	82.5	114	0	0		
Toluene	43.56	1.00	40	0	109	74.6	119	0	0		
Trichloroethene	44.39	1.00	40	0	111	74.7	125	0	0		

Sample ID: **1106174-01AMS**	SampType: **MS**	TestCode: **8260_W**	Units: **µg/L**	Prep Date: **6/30/2011**	Run ID: **5973J_110630A**
Client ID: **GP68-W-15.5**	Batch ID: **28833**	TestNo: **SW8260B**		Analysis Date: **6/30/2011**	SeqNo: **761121**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	39.84	1.00	40	0	99.6	51.4	176	0	0		
Benzene	43.75	0.300	40	0	109	71.5	118	0	0		
Chlorobenzene	42.03	1.00	40	0	105	79.8	114	0	0		
Toluene	42.94	1.00	40	0	107	79.6	121	0	0		
Trichloroethene	44.65	1.00	40	0	112	73.6	120	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1106174
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: **1106174-01AMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: **6/30/2011** Run ID: **5973J_110630A**
Client ID: **GP68-W-15.5** Batch ID: **28833** TestNo: **SW8260B** Analysis Date: **6/30/2011** SeqNo: **761122**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	36.7	1.00	40	0	91.8	51.4	176	39.84	8.20	20	
Benzene	42.3	0.300	40	0	106	71.5	118	43.75	3.37	20	
Chlorobenzene	40.87	1.00	40	0	102	79.8	114	42.03	2.80	20	
Toluene	40.96	1.00	40	0	102	79.6	121	42.94	4.72	20	
Trichloroethene	42.3	1.00	40	0	106	73.6	120	44.65	5.41	20	

Sample ID: **CCV-28833** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: Run ID: **5973J_110630A**
Client ID: **ZZZZZ** Batch ID: **28833** TestNo: **SW8260B** Analysis Date: **6/30/2011** SeqNo: **761119**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	41.9	1.00	40	0	105	80	120	0	0		
1,2-Dichloropropane	43.42	1.00	40	0	109	80	120	0	0		
Chloroform	43.42	1.00	40	0	109	80	120	0	0		
Ethylbenzene	46.03	1.00	40	0	115	80	120	0	0		
Toluene	43.67	1.00	40	0	109	80	120	0	0		
Vinyl chloride	39.45	1.00	40	0	98.6	80	120	0	0		

Sample ID: **CCV-28833** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: Run ID: **5973J_110630A**
Client ID: **ZZZZZ** Batch ID: **28833** TestNo: **SW8260B** Analysis Date: **6/30/2011** SeqNo: **761318**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	40.97	1.00	40	0	102	80	120	0	0		
1,2-Dichloropropane	43.4	1.00	40	0	108	80	120	0	0		
Chloroform	42.53	1.00	40	0	106	80	120	0	0		
Ethylbenzene	45.61	1.00	40	0	114	80	120	0	0		
Toluene	44.18	1.00	40	0	110	80	120	0	0		
Vinyl chloride	39.36	1.00	40	0	98.4	80	120	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

KEY TO FLAGS

Rev. May 12, 2010

A	This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
A1	This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
A2	This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
A3	The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
A4	The product appears to be aged or degraded diesel.
B	The blank exhibited a positive result great than the reporting limit for this compound.
CN	See Case Narrative.
D	Result is based from a dilution.
E	Result exceeds the calibration range for this compound. The result should be considered as estimate.
F	The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
G	Result may be biased high due to biogenic interferences. Clean up is recommended.
H	Sample was analyzed outside recommended holding time.
HT	At clients request, samples was analyzed outside of recommended holding time.
J	The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
K	Diesel result is biased high due to amount of Oil contained in the sample.
L	Diesel result is biased high due to amount of Gasoline contained in the sample.
M	Oil result is biased high due to amount of Diesel contained in the sample.
MC	Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
MI	Result is outside control limits due to matrix interference.
MSA	Value determined by Method of Standard Addition.
O	Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
Q	Detection levels elevated due to sample matrix.
R	RPD control limits were exceeded.
RF	Duplicate failed due to result being at or near the method-reporting limit.
RP	Matrix spike values exceed established QC limits; post digestion spike is in control.
S	Recovery is outside control limits.
SC	Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
*	The result for this parameter was greater that the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Specialty Analytical
11711 SE Capps Road
Clackamas, OR 97015
Phone: 503-607-1331
Fax: 503-607-1336

Contact Person/Project Manager: Meri Deadrick
Company: MFA
Address: 2001 NW 19TH ave
Portland, OR
Phone: _____ Fax: _____
Project No. 80006.31.01 Project Name: URIC
Project Site Location OR: _____ WA: X Other: _____
Invoice To: MFA P.O. No.: _____

Collected By:
Signature: _____
Printed: Justina Powell

Signature: _____
Printed: _____

Turn Around Time
☒ Normal 5-7 Business Days
☐ Rush _____
Specify
Rush Analyses Must Be Scheduled With The Lab In Advance

For Laboratory Use
Lab Job No. 1106174
Shipped Via: Specialty
Air Bill No.: _____
Temperature On Receipt: 4 °C
Specialty Analytical Containers? (Y) / N
Specialty Analytical Trip Blanks? Y / N

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses: VOCs see comments	Comments	Lab I.D.
6/21	900	GP68-W-15.5	W	3	X	Please report	
	950	GP69-W-17.0	W	3	X	1,1 Dichloroethene	
	1100	GP70-W-17.0	W	3	X	cis 1,2 Dichloroethene	
	1200	GP81-W-19.0	W	3	X	Tetrachloroethene	
	1420	GP71-W-22.1	W	4	X	trans-1,2 dichloroethene	
						Trichloroethene	
						Vinyl Chloride	

Relinquished By:	Company:	Date	Time	Received By:	Company:
	MFA	6/24	600		Specialty

Relinquished By:	Company:	Date	Time
	Specialty	6/24/11	1016

Received For Lab By:	Date	Time
	6/24/11	10:16

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
Samples held beyond 60 days subject to storage fee(s)

Copies: White-Original Yellow-Project File Pink-Customer Copy

Specialty Analytical

11711 SE Capps Road
Clackamas, OR 97015
(503) 607-1331
Fax (503) 607-1336

July 07, 2011

Meri DeAndrea
Maul, Foster & Alongi
7223 NE Hazel Dell Avenue
Suite B
Vancouver, WA 98665

TEL: (360) 694-2691
FAX: (360) 906-1958

RE: URIC / 8006.31.01

Dear Meri DeAndrea:

Order No.: 1106182

Specialty Analytical received 8 samples on 6/27/2011 for the analyses presented in the following report.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

Cindy Hillyard
Project Manager

Technical Review

Specialty Analytical

Date: *07-Jul-11*

CLIENT: Maul, Foster & Alongi
Project: URIC / 8006.31.01
Lab Order: 1106182

Lab ID: 1106182-01
Collection Date: 6/24/2011 2:45:00 PM
Client Sample ID: MW1-12.5
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **kmn**
1,1-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 7:10:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 7:10:00 PM
Tetrachloroethene	19.5	1.00		µg/L	1	6/30/2011 7:10:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 7:10:00 PM
Trichloroethene	ND	1.00		µg/L	1	6/30/2011 7:10:00 PM
Vinyl chloride	ND	1.00		µg/L	1	6/30/2011 7:10:00 PM
Surr: 1,2-Dichloroethane-d4	96.5	72.2-129		%REC	1	6/30/2011 7:10:00 PM
Surr: 4-Bromofluorobenzene	104	73.5-125		%REC	1	6/30/2011 7:10:00 PM
Surr: Dibromofluoromethane	103	58.8-148		%REC	1	6/30/2011 7:10:00 PM
Surr: Toluene-d8	108	79.8-137		%REC	1	6/30/2011 7:10:00 PM

Lab ID: 1106182-02
Collection Date: 6/24/2011 3:30:00 PM
Client Sample ID: MW2-14.0
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **kmn**
1,1-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 7:45:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 7:45:00 PM
Tetrachloroethene	8.84	1.00		µg/L	1	6/30/2011 7:45:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 7:45:00 PM
Trichloroethene	ND	1.00		µg/L	1	6/30/2011 7:45:00 PM
Vinyl chloride	ND	1.00		µg/L	1	6/30/2011 7:45:00 PM
Surr: 1,2-Dichloroethane-d4	93.3	72.2-129		%REC	1	6/30/2011 7:45:00 PM
Surr: 4-Bromofluorobenzene	106	73.5-125		%REC	1	6/30/2011 7:45:00 PM
Surr: Dibromofluoromethane	102	58.8-148		%REC	1	6/30/2011 7:45:00 PM
Surr: Toluene-d8	108	79.8-137		%REC	1	6/30/2011 7:45:00 PM

Specialty Analytical

Date: *07-Jul-11*

CLIENT: Maul, Foster & Alongi
Project: URIC / 8006.31.01
Lab Order: 1106182

Lab ID: 1106182-03
Collection Date: 6/24/2011 1:05:00 PM
Client Sample ID: MW3-15.0
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **kmn**
1,1-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 8:21:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 8:21:00 PM
Tetrachloroethene	12500	200		µg/L	200	7/1/2011 1:55:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 8:21:00 PM
Trichloroethene	3.47	1.00		µg/L	1	6/30/2011 8:21:00 PM
Vinyl chloride	ND	1.00		µg/L	1	6/30/2011 8:21:00 PM
Surr: 1,2-Dichloroethane-d4	94.4	72.2-129		%REC	1	6/30/2011 8:21:00 PM
Surr: 4-Bromofluorobenzene	100	73.5-125		%REC	1	6/30/2011 8:21:00 PM
Surr: Dibromofluoromethane	103	58.8-148		%REC	1	6/30/2011 8:21:00 PM
Surr: Toluene-d8	91.5	79.8-137		%REC	1	6/30/2011 8:21:00 PM

Lab ID: 1106182-04
Collection Date: 6/24/2011 8:30:00 AM
Client Sample ID: MW4-16.0
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **kmn**
1,1-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 8:55:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 8:55:00 PM
Tetrachloroethene	226	2.00		µg/L	2	7/1/2011 1:18:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 8:55:00 PM
Trichloroethene	13.9	1.00		µg/L	1	6/30/2011 8:55:00 PM
Vinyl chloride	ND	1.00		µg/L	1	6/30/2011 8:55:00 PM
Surr: 1,2-Dichloroethane-d4	93.1	72.2-129		%REC	1	6/30/2011 8:55:00 PM
Surr: 4-Bromofluorobenzene	103	73.5-125		%REC	1	6/30/2011 8:55:00 PM
Surr: Dibromofluoromethane	99.7	58.8-148		%REC	1	6/30/2011 8:55:00 PM
Surr: Toluene-d8	109	79.8-137		%REC	1	6/30/2011 8:55:00 PM

Specialty Analytical

Date: *07-Jul-11*

CLIENT: Maul, Foster & Alongi
Project: URIC / 8006.31.01
Lab Order: 1106182

Lab ID: 1106182-05
Collection Date: 6/24/2011 11:56:00 AM
Client Sample ID: MW5-16.5
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **kmn**
1,1-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 11:14:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 11:14:00 PM
Tetrachloroethene	2240	50.0		µg/L	50	7/1/2011 2:32:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 11:14:00 PM
Trichloroethene	3.61	1.00		µg/L	1	6/30/2011 11:14:00 PM
Vinyl chloride	ND	1.00		µg/L	1	6/30/2011 11:14:00 PM
Surr: 1,2-Dichloroethane-d4	97.2	72.2-129		%REC	1	6/30/2011 11:14:00 PM
Surr: 4-Bromofluorobenzene	101	73.5-125		%REC	1	6/30/2011 11:14:00 PM
Surr: Dibromofluoromethane	101	58.8-148		%REC	1	6/30/2011 11:14:00 PM
Surr: Toluene-d8	102	79.8-137		%REC	1	6/30/2011 11:14:00 PM

Lab ID: 1106182-06
Collection Date: 6/24/2011 9:30:00 AM
Client Sample ID: MW6-16.0
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **kmn**
1,1-Dichloroethene	ND	1.00		µg/L	1	7/1/2011 11:31:00 AM
cis-1,2-Dichloroethene	1.31	1.00		µg/L	1	7/1/2011 11:31:00 AM
Tetrachloroethene	3.77	1.00		µg/L	1	7/1/2011 11:31:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	7/1/2011 11:31:00 AM
Trichloroethene	19.1	1.00		µg/L	1	7/1/2011 11:31:00 AM
Vinyl chloride	ND	1.00		µg/L	1	7/1/2011 11:31:00 AM
Surr: 1,2-Dichloroethane-d4	94.7	72.2-129		%REC	1	7/1/2011 11:31:00 AM
Surr: 4-Bromofluorobenzene	106	73.5-125		%REC	1	7/1/2011 11:31:00 AM
Surr: Dibromofluoromethane	103	58.8-148		%REC	1	7/1/2011 11:31:00 AM
Surr: Toluene-d8	108	79.8-137		%REC	1	7/1/2011 11:31:00 AM

Specialty Analytical

Date: *07-Jul-11*

CLIENT: Maul, Foster & Alongi
Project: URIC / 8006.31.01
Lab Order: 1106182

Lab ID: 1106182-07
Collection Date: 6/24/2011 10:55:00 AM
Client Sample ID: MW7-15.0
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **kmn**
1,1-Dichloroethene	ND	1.00		µg/L	1	7/1/2011 12:07:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	7/1/2011 12:07:00 PM
Tetrachloroethene	11.7	1.00		µg/L	1	7/1/2011 12:07:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	7/1/2011 12:07:00 PM
Trichloroethene	ND	1.00		µg/L	1	7/1/2011 12:07:00 PM
Vinyl chloride	ND	1.00		µg/L	1	7/1/2011 12:07:00 PM
Surr: 1,2-Dichloroethane-d4	96.5	72.2-129		%REC	1	7/1/2011 12:07:00 PM
Surr: 4-Bromofluorobenzene	104	73.5-125		%REC	1	7/1/2011 12:07:00 PM
Surr: Dibromofluoromethane	104	58.8-148		%REC	1	7/1/2011 12:07:00 PM
Surr: Toluene-d8	110	79.8-137		%REC	1	7/1/2011 12:07:00 PM

Lab ID: 1106182-08
Collection Date: 6/24/2011 8:30:00 AM
Client Sample ID: MW4-16-DUP
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **kmn**
1,1-Dichloroethene	ND	1.00		µg/L	1	7/1/2011 12:58:00 AM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	7/1/2011 12:58:00 AM
Tetrachloroethene	216	2.00		µg/L	2	7/1/2011 12:42:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	7/1/2011 12:58:00 AM
Trichloroethene	15.8	1.00		µg/L	1	7/1/2011 12:58:00 AM
Vinyl chloride	ND	1.00		µg/L	1	7/1/2011 12:58:00 AM
Surr: 1,2-Dichloroethane-d4	92.9	72.2-129		%REC	1	7/1/2011 12:58:00 AM
Surr: 4-Bromofluorobenzene	103	73.5-125		%REC	1	7/1/2011 12:58:00 AM
Surr: Dibromofluoromethane	102	58.8-148		%REC	1	7/1/2011 12:58:00 AM
Surr: Toluene-d8	107	79.8-137		%REC	1	7/1/2011 12:58:00 AM

CLIENT: Maul, Foster & Alongi
Work Order: 1106182
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: **MB-28833** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: **6/30/2011** Run ID: **5973J_110630A**
Client ID: **ZZZZZ** Batch ID: **28833** TestNo: **SW8260B** Analysis Date: **6/30/2011** SeqNo: **761124**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00									
1,1,1-Trichloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,1-Dichloropropene	ND	1.00									
1,2,3-Trichlorobenzene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	ND	1.00									
1,2,4-Trimethylbenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
1,2-Dichloropropane	ND	1.00									
1,3,5-Trimethylbenzene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,3-Dichloropropane	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
2,2-Dichloropropane	ND	1.00									
2-Butanone	ND	10.0									
2-Chlorotoluene	ND	1.00									
2-Hexanone	ND	10.0									
4-Chlorotoluene	ND	1.00									
4-Isopropyltoluene	ND	1.00									
4-Methyl-2-pentanone	ND	20.0									
Acetone	1.16	50.0									J
Acrylonitrile	ND	5.00									
Benzene	ND	0.300									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1106182
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: **MB-28833**	SampType: **MBLK**	TestCode: **8260_W**	Units: **µg/L**	Prep Date: **6/30/2011**	Run ID: **5973J_110630A**				
Client ID: **ZZZZZ**	Batch ID: **28833**	TestNo: **SW8260B**		Analysis Date: **6/30/2011**	SeqNo: **761124**				

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromobenzene	ND	1.00									
Bromochloromethane	ND	1.00									
Bromodichloromethane	ND	1.00									
Bromoform	ND	1.00									
Bromomethane	3.06	1.00									
Carbon disulfide	ND	2.00									
Carbon tetrachloride	ND	1.00									
Chlorobenzene	ND	1.00									
Chloroethane	ND	1.00									
Chloroform	0.49	1.00									J
Chloromethane	3.53	1.00									
cis-1,2-Dichloroethene	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Dibromochloromethane	ND	1.00									
Dibromomethane	ND	1.00									
Dichlorodifluoromethane	ND	1.00									
Ethylbenzene	ND	1.00									
Hexachlorobutadiene	ND	1.00									
Isopropylbenzene	ND	1.00									
m,p-Xylene	ND	2.00									
Methyl tert-butyl ether	ND	1.00									
Methylene chloride	4.63	20.0									J
n-Butylbenzene	ND	1.00									
n-Propylbenzene	ND	1.00									
Naphthalene	ND	1.00									
o-Xylene	ND	1.00									
sec-Butylbenzene	ND	1.00									
Styrene	ND	1.00									
tert-Butylbenzene	ND	1.00									
Tetrachloroethene	ND	1.00									
Toluene	ND	1.00									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1106182
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: **MB-28833** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: **6/30/2011** Run ID: **5973J_110630A**
Client ID: **ZZZZZ** Batch ID: **28833** TestNo: **SW8260B** Analysis Date: **6/30/2011** SeqNo: **761124**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	1.00									
trans-1,3-Dichloropropene	ND	1.00									
Trichloroethene	ND	1.00									
Trichlorofluoromethane	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	94.55	0	100	0	94.6	72.2	129	0	0		
Surr: 4-Bromofluorobenzene	101.5	0	100	0	102	73.5	125	0	0		
Surr: Dibromofluoromethane	99.42	0	100	0	99.4	58.8	148	0	0		
Surr: Toluene-d8	106.7	0	100	0	107	79.8	137	0	0		

Sample ID: **LCS-28833** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: **6/30/2011** Run ID: **5973J_110630A**
Client ID: **ZZZZZ** Batch ID: **28833** TestNo: **SW8260B** Analysis Date: **6/30/2011** SeqNo: **761120**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	40.22	1.00	40	0	101	69.9	130	0	0		
Benzene	44.63	0.300	40	0	112	77.9	125	0	0		
Chlorobenzene	42.44	1.00	40	0	106	82.5	114	0	0		
Toluene	43.56	1.00	40	0	109	74.6	119	0	0		
Trichloroethene	44.39	1.00	40	0	111	74.7	125	0	0		

Sample ID: **1106174-01AMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: **6/30/2011** Run ID: **5973J_110630A**
Client ID: **ZZZZZ** Batch ID: **28833** TestNo: **SW8260B** Analysis Date: **6/30/2011** SeqNo: **761121**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	39.84	1.00	40	0	99.6	51.4	176	0	0		
Benzene	43.75	0.300	40	0	109	71.5	118	0	0		
Chlorobenzene	42.03	1.00	40	0	105	79.8	114	0	0		
Toluene	42.94	1.00	40	0	107	79.6	121	0	0		
Trichloroethene	44.65	1.00	40	0	112	73.6	120	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1106182
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: **1106174-01AMSD**	SampType: **MSD**	TestCode: **8260_W**	Units: **µg/L**	Prep Date: **6/30/2011**	Run ID: **5973J_110630A**
Client ID: **ZZZZZ**	Batch ID: **28833**	TestNo: **SW8260B**		Analysis Date: **6/30/2011**	SeqNo: **761122**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	36.7	1.00	40	0	91.8	51.4	176	39.84	8.20	20	
Benzene	42.3	0.300	40	0	106	71.5	118	43.75	3.37	20	
Chlorobenzene	40.87	1.00	40	0	102	79.8	114	42.03	2.80	20	
Toluene	40.96	1.00	40	0	102	79.6	121	42.94	4.72	20	
Trichloroethene	42.3	1.00	40	0	106	73.6	120	44.65	5.41	20	

Sample ID: **CCB-28833**	SampType: **CCB**	TestCode: **8260_W**	Units: **µg/L**	Prep Date: **6/30/2011**	Run ID: **5973J_110630A**
Client ID: **ZZZZZ**	Batch ID: **28833**	TestNo: **SW8260B**		Analysis Date: **6/30/2011**	SeqNo: **761319**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00	0	0	0	0	0	0	0		
1,1,1-Trichloroethane	ND	1.00	0	0	0	0	0	0	0		
1,1,2,2-Tetrachloroethane	ND	1.00	0	0	0	0	0	0	0		
1,1,2-Trichloroethane	ND	1.00	0	0	0	0	0	0	0		
1,1-Dichloroethane	ND	1.00	0	0	0	0	0	0	0		
1,1-Dichloroethene	ND	1.00	0	0	0	0	0	0	0		
1,1-Dichloropropene	ND	1.00	0	0	0	0	0	0	0		
1,2,3-Trichlorobenzene	ND	1.00	0	0	0	0	0	0	0		
1,2,3-Trichloropropane	ND	1.00	0	0	0	0	0	0	0		
1,2,4-Trichlorobenzene	ND	1.00	0	0	0	0	0	0	0		
1,2,4-Trimethylbenzene	ND	1.00	0	0	0	0	0	0	0		
1,2-Dibromo-3-chloropropane	ND	1.00	0	0	0	0	0	0	0		
1,2-Dibromoethane	ND	1.00	0	0	0	0	0	0	0		
1,2-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0		
1,2-Dichloroethane	ND	1.00	0	0	0	0	0	0	0		
1,2-Dichloropropane	ND	1.00	0	0	0	0	0	0	0		
1,3,5-Trimethylbenzene	ND	1.00	0	0	0	0	0	0	0		
1,3-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0		
1,3-Dichloropropane	ND	1.00	0	0	0	0	0	0	0		
1,4-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0		
2,2-Dichloropropane	ND	1.00	0	0	0	0	0	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1106182
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: **CCB-28833** SampType: **CCB** TestCode: **8260_W** Units: **µg/L** Prep Date: **6/30/2011** Run ID: **5973J_110630A**
Client ID: **ZZZZZ** Batch ID: **28833** TestNo: **SW8260B** Analysis Date: **6/30/2011** SeqNo: **761319**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	ND	10.0	0	0	0	0	0	0	0		
2-Chlorotoluene	ND	1.00	0	0	0	0	0	0	0		
2-Hexanone	ND	10.0	0	0	0	0	0	0	0		
4-Chlorotoluene	ND	1.00	0	0	0	0	0	0	0		
4-Isopropyltoluene	ND	1.00	0	0	0	0	0	0	0		
4-Methyl-2-pentanone	ND	20.0	0	0	0	0	0	0	0		
Acetone	ND	50.0	0	0	0	0	0	0	0		
Acrylonitrile	ND	5.00	0	0	0	0	0	0	0		
Benzene	ND	0.300	0	0	0	0	0	0	0		
Bromobenzene	ND	1.00	0	0	0	0	0	0	0		
Bromochloromethane	ND	1.00	0	0	0	0	0	0	0		
Bromodichloromethane	ND	1.00	0	0	0	0	0	0	0		
Bromoform	ND	1.00	0	0	0	0	0	0	0		
Bromomethane	ND	1.00	0	0	0	0	0	0	0		
Carbon disulfide	ND	2.00	0	0	0	0	0	0	0		
Carbon tetrachloride	ND	1.00	0	0	0	0	0	0	0		
Chlorobenzene	ND	1.00	0	0	0	0	0	0	0		
Chloroethane	ND	1.00	0	0	0	0	0	0	0		
Chloroform	0.48	1.00	0	0	0	0	0	0	0		
Chloromethane	ND	1.00	0	0	0	0	0	0	0		
cis-1,2-Dichloroethene	ND	1.00	0	0	0	0	0	0	0		
cis-1,3-Dichloropropene	ND	1.00	0	0	0	0	0	0	0		
Dibromochloromethane	ND	1.00	0	0	0	0	0	0	0		
Dibromomethane	ND	1.00	0	0	0	0	0	0	0		
Dichlorodifluoromethane	ND	1.00	0	0	0	0	0	0	0		
Ethylbenzene	ND	1.00	0	0	0	0	0	0	0		
Hexachlorobutadiene	ND	1.00	0	0	0	0	0	0	0		
Isopropylbenzene	ND	1.00	0	0	0	0	0	0	0		
m,p-Xylene	ND	2.00	0	0	0	0	0	0	0		
Methyl tert-butyl ether	ND	1.00	0	0	0	0	0	0	0		
Methylene chloride	5.96	20.0	0	0	0	0	0	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1106182
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: **CCB-28833**	SampType: **CCB**	TestCode: **8260_W**	Units: **µg/L**	Prep Date: **6/30/2011**	Run ID: **5973J_110630A**
Client ID: **ZZZZZ**	Batch ID: **28833**	TestNo: **SW8260B**		Analysis Date: **6/30/2011**	SeqNo: **761319**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Butylbenzene	ND	1.00	0	0	0	0	0	0	0		
n-Propylbenzene	ND	1.00	0	0	0	0	0	0	0		
Naphthalene	ND	1.00	0	0	0	0	0	0	0		
o-Xylene	ND	1.00	0	0	0	0	0	0	0		
sec-Butylbenzene	ND	1.00	0	0	0	0	0	0	0		
Styrene	ND	1.00	0	0	0	0	0	0	0		
tert-Butylbenzene	ND	1.00	0	0	0	0	0	0	0		
Tetrachloroethene	2.65	1.00	0	0	0	0	0	0	0		
Toluene	ND	1.00	0	0	0	0	0	0	0		
trans-1,2-Dichloroethene	ND	1.00	0	0	0	0	0	0	0		
trans-1,3-Dichloropropene	ND	1.00	0	0	0	0	0	0	0		
Trichloroethene	ND	1.00	0	0	0	0	0	0	0		
Trichlorofluoromethane	ND	1.00	0	0	0	0	0	0	0		
Vinyl chloride	ND	1.00	0	0	0	0	0	0	0		
Surr: 1,2-Dichloroethane-d4	94.89	0	100	0	94.9	72.2	129	0	0		
Surr: 4-Bromofluorobenzene	104.1	0	100	0	104	73.5	125	0	0		
Surr: Dibromofluoromethane	100.4	0	100	0	100	58.8	148	0	0		
Surr: Toluene-d8	109	0	100	0	109	79.8	137	0	0		

Sample ID: **CCB-28833**	SampType: **CCB**	TestCode: **8260_W**	Units: **µg/L**	Prep Date: **6/30/2011**	Run ID: **5973J_110630A**
Client ID: **ZZZZZ**	Batch ID: **28833**	TestNo: **SW8260B**		Analysis Date: **7/1/2011**	SeqNo: **761442**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00	0	0	0	0	0	0	0		
1,1,1-Trichloroethane	ND	1.00	0	0	0	0	0	0	0		
1,1,2,2-Tetrachloroethane	ND	1.00	0	0	0	0	0	0	0		
1,1,2-Trichloroethane	ND	1.00	0	0	0	0	0	0	0		
1,1-Dichloroethane	ND	1.00	0	0	0	0	0	0	0		
1,1-Dichloroethene	ND	1.00	0	0	0	0	0	0	0		
1,1-Dichloropropene	ND	1.00	0	0	0	0	0	0	0		
1,2,3-Trichlorobenzene	ND	1.00	0	0	0	0	0	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Maul, Foster & Alongi
Work Order: 1106182
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: **CCB-28833** SampType: **CCB** TestCode: **8260_W** Units: **µg/L** Prep Date: **6/30/2011** Run ID: **5973J_110630A**
Client ID: **ZZZZZ** Batch ID: **28833** TestNo: **SW8260B** Analysis Date: **7/1/2011** SeqNo: **761442**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,3-Trichloropropane	ND	1.00	0	0	0	0	0	0	0		
1,2,4-Trichlorobenzene	ND	1.00	0	0	0	0	0	0	0		
1,2,4-Trimethylbenzene	ND	1.00	0	0	0	0	0	0	0		
1,2-Dibromo-3-chloropropane	ND	1.00	0	0	0	0	0	0	0		
1,2-Dibromoethane	ND	1.00	0	0	0	0	0	0	0		
1,2-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0		
1,2-Dichloroethane	ND	1.00	0	0	0	0	0	0	0		
1,2-Dichloropropane	ND	1.00	0	0	0	0	0	0	0		
1,3,5-Trimethylbenzene	ND	1.00	0	0	0	0	0	0	0		
1,3-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0		
1,3-Dichloropropane	ND	1.00	0	0	0	0	0	0	0		
1,4-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0		
2,2-Dichloropropane	ND	1.00	0	0	0	0	0	0	0		
2-Butanone	ND	10.0	0	0	0	0	0	0	0		
2-Chlorotoluene	ND	1.00	0	0	0	0	0	0	0		
2-Hexanone	ND	10.0	0	0	0	0	0	0	0		
4-Chlorotoluene	ND	1.00	0	0	0	0	0	0	0		
4-Isopropyltoluene	ND	1.00	0	0	0	0	0	0	0		
4-Methyl-2-pentanone	ND	20.0	0	0	0	0	0	0	0		
Acetone	ND	50.0	0	0	0	0	0	0	0		
Acrylonitrile	ND	5.00	0	0	0	0	0	0	0		
Benzene	ND	0.300	0	0	0	0	0	0	0		
Bromobenzene	ND	1.00	0	0	0	0	0	0	0		
Bromochloromethane	ND	1.00	0	0	0	0	0	0	0		
Bromodichloromethane	ND	1.00	0	0	0	0	0	0	0		
Bromoform	ND	1.00	0	0	0	0	0	0	0		
Bromomethane	ND	1.00	0	0	0	0	0	0	0		
Carbon disulfide	ND	2.00	0	0	0	0	0	0	0		
Carbon tetrachloride	ND	1.00	0	0	0	0	0	0	0		
Chlorobenzene	ND	1.00	0	0	0	0	0	0	0		
Chloroethane	ND	1.00	0	0	0	0	0	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1106182
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: **CCB-28833** SampType: **CCB** TestCode: **8260_W** Units: **µg/L** Prep Date: **6/30/2011** Run ID: **5973J_110630A**
Client ID: **ZZZZZ** Batch ID: **28833** TestNo: **SW8260B** Analysis Date: **7/1/2011** SeqNo: **761442**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	0.41	1.00	0	0	0	0	0	0	0		
Chloromethane	ND	1.00	0	0	0	0	0	0	0		
cis-1,2-Dichloroethene	ND	1.00	0	0	0	0	0	0	0		
cis-1,3-Dichloropropene	ND	1.00	0	0	0	0	0	0	0		
Dibromochloromethane	ND	1.00	0	0	0	0	0	0	0		
Dibromomethane	ND	1.00	0	0	0	0	0	0	0		
Dichlorodifluoromethane	ND	1.00	0	0	0	0	0	0	0		
Ethylbenzene	ND	1.00	0	0	0	0	0	0	0		
Hexachlorobutadiene	ND	1.00	0	0	0	0	0	0	0		
Isopropylbenzene	ND	1.00	0	0	0	0	0	0	0		
m,p-Xylene	ND	2.00	0	0	0	0	0	0	0		
Methyl tert-butyl ether	ND	1.00	0	0	0	0	0	0	0		
Methylene chloride	6.1	20.0	0	0	0	0	0	0	0		
n-Butylbenzene	ND	1.00	0	0	0	0	0	0	0		
n-Propylbenzene	ND	1.00	0	0	0	0	0	0	0		
Naphthalene	ND	1.00	0	0	0	0	0	0	0		
o-Xylene	ND	1.00	0	0	0	0	0	0	0		
sec-Butylbenzene	ND	1.00	0	0	0	0	0	0	0		
Styrene	ND	1.00	0	0	0	0	0	0	0		
tert-Butylbenzene	ND	1.00	0	0	0	0	0	0	0		
Tetrachloroethene	0.53	1.00	0	0	0	0	0	0	0		
Toluene	ND	1.00	0	0	0	0	0	0	0		
trans-1,2-Dichloroethene	ND	1.00	0	0	0	0	0	0	0		
trans-1,3-Dichloropropene	ND	1.00	0	0	0	0	0	0	0		
Trichloroethene	ND	1.00	0	0	0	0	0	0	0		
Trichlorofluoromethane	ND	1.00	0	0	0	0	0	0	0		
Vinyl chloride	ND	1.00	0	0	0	0	0	0	0		
Surr: 1,2-Dichloroethane-d4	94.73	0	100	0	94.7	72.2	129	0	0		
Surr: 4-Bromofluorobenzene	106.2	0	100	0	106	73.5	125	0	0		
Surr: Dibromofluoromethane	102	0	100	0	102	58.8	148	0	0		
Surr: Toluene-d8	105	0	100	0	105	79.8	137	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1106182
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: **CCV-28833**	SampType: **CCV**	TestCode: **8260_W**	Units: **µg/L**	Prep Date:	Run ID: **5973J_110630A**
Client ID: **ZZZZZ**	Batch ID: **28833**	TestNo: **SW8260B**		Analysis Date: **6/30/2011**	SeqNo: **761119**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	41.9	1.00	40	0	105	80	120	0	0		
1,2-Dichloropropane	43.42	1.00	40	0	109	80	120	0	0		
Chloroform	43.42	1.00	40	0	109	80	120	0	0		
Ethylbenzene	46.03	1.00	40	0	115	80	120	0	0		
Toluene	43.67	1.00	40	0	109	80	120	0	0		
Vinyl chloride	39.45	1.00	40	0	98.6	80	120	0	0		

Sample ID: **CCV-28833**	SampType: **CCV**	TestCode: **8260_W**	Units: **µg/L**	Prep Date:	Run ID: **5973J_110630A**
Client ID: **ZZZZZ**	Batch ID: **28833**	TestNo: **SW8260B**		Analysis Date: **6/30/2011**	SeqNo: **761318**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	40.97	1.00	40	0	102	80	120	0	0		
1,2-Dichloropropane	43.4	1.00	40	0	108	80	120	0	0		
Chloroform	42.53	1.00	40	0	106	80	120	0	0		
Ethylbenzene	45.61	1.00	40	0	114	80	120	0	0		
Toluene	44.18	1.00	40	0	110	80	120	0	0		
Vinyl chloride	39.36	1.00	40	0	98.4	80	120	0	0		

Sample ID: **CCV-28833**	SampType: **CCV**	TestCode: **8260_W**	Units: **µg/L**	Prep Date: **6/30/2011**	Run ID: **5973J_110630A**
Client ID: **ZZZZZ**	Batch ID: **28833**	TestNo: **SW8260B**		Analysis Date: **7/1/2011**	SeqNo: **761441**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	40.79	1.00	40	0	102	80	120	0	0		
1,2-Dichloropropane	43.78	1.00	40	0	109	80	120	0	0		
Chloroform	42.52	1.00	40	0	106	80	120	0	0		
Ethylbenzene	43.49	1.00	40	0	109	80	120	0	0		
Toluene	42.29	1.00	40	0	106	80	120	0	0		
Vinyl chloride	34.83	1.00	40	0	87.1	80	120	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

KEY TO FLAGS

Rev. May 12, 2010

A	This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
A1	This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
A2	This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
A3	The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
A4	The product appears to be aged or degraded diesel.
B	The blank exhibited a positive result great than the reporting limit for this compound.
CN	See Case Narrative.
D	Result is based from a dilution.
E	Result exceeds the calibration range for this compound. The result should be considered as estimate.
F	The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
G	Result may be biased high due to biogenic interferences. Clean up is recommended.
H	Sample was analyzed outside recommended holding time.
HT	At clients request, samples was analyzed outside of recommended holding time.
J	The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
K	Diesel result is biased high due to amount of Oil contained in the sample.
L	Diesel result is biased high due to amount of Gasoline contained in the sample.
M	Oil result is biased high due to amount of Diesel contained in the sample.
MC	Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
MI	Result is outside control limits due to matrix interference.
MSA	Value determined by Method of Standard Addition.
O	Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
Q	Detection levels elevated due to sample matrix.
R	RPD control limits were exceeded.
RF	Duplicate failed due to result being at or near the method-reporting limit.
RP	Matrix spike values exceed established QC limits; post digestion spike is in control.
S	Recovery is outside control limits.
SC	Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
*	The result for this parameter was greater that the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Specialty Analytical
11711 SE Capps Road
Clackamas, OR 97015
Phone: 503-607-1331
Fax: 503-607-1336

Contact Person/Project Manager: Mev. Deandre
Company: MFA
Address: 2001 NW 19TH ave, Suite 200
Portland, OR
Phone: _____ Fax: _____
Project No. 80016.31.01 Project Name: URIC
Project Site Location OR: _____ WA: X Other: _____
Invoice To: MFA P.O. No.: _____

Collected By:
Signature: [signature]
Printed: Justin Pounds

Signature: _____
Printed: _____

Turn Around Time
☒ Normal 5-7 Business Days
☐ Rush _____
Specify
Rush Analyses Must Be Scheduled With The Lab In Advance

For Laboratory Use
Lab Job No. 1106182
Shipped Via: Specialty
Air Bill No. _____
Temperature On Receipt 4 °C
Specialty Analytical Containers? (Y) / N
Specialty Analytical Trip Blanks? Y / N

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses: VOCs see comments	Comments	Lab I.D.
6/24/2011	1445	MW1-12.5	W	3	X	Please report	
	1530	MW2-14.0	W	3	X	1,1 Dichloroethene	
	1305	MW3-15.0	W	3	X	cis 1,2 Dichloroethene	
	830	MW4-16.0	W	3	X	Tetrachloroethene	
	1156	MW5-16.5	W	3	X	trans 1,2 dichloroethene	
	930	MW6-16.0	W	3	X	Trichloroethene	
	1055	MW7-15.0	W	3	X	Vinyl Chloride	
	830	MW4-16.0-DUP	W	3	X		

Relinquished By:	Date	Time	Received By:	Relinquished By:	Date	Time
Company: MFA	6/27	600	Company: Specialty	Company: Specialty	6/27/11	1255
				Received For Lab By: Cindy Hillyard	Date 6/27/11	Time 12:55

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
Samples held beyond 60 days subject to storage fee(s)

Copies: White-Original Yellow-Project File Pink-Customer Copy

Air Toxics LTD.
Laboratory Services Since 1989

7/6/2011
Mr. Justin Pounds
Maul Foster and Alongi Inc.
2001 NW 19th Ave
Suite 200
Portland OR 97209

Project Name: URIC
Project #: 8006.31.01
Workorder #: 1106496

Dear Mr. Justin Pounds

The following report includes the data for the above referenced project for sample(s) received on 6/23/2011 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-17 VI are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

Air Toxics LTD.
Laboratory Services Since 1989

WORK ORDER #: 1106496

Work Order Summary

CLIENT:	Mr. Justin Pounds Maul Foster and Alongi Inc. 2001 NW 19th Ave Suite 200 Portland, OR 97209	**BILL TO:**	Accounts Payable Maul Foster and Alongi Inc. 7223 NE Hazel Dell Avenue Suite B Vancouver, WA 98665
PHONE:	971-544-2139	**P.O. #**	
FAX:	971-544-2140	**PROJECT #**	8006.31.01 URIC
DATE RECEIVED:	06/23/2011	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	07/06/2011		

FRACTION #	NAME	TEST
01A	SG11	Modified TO-17 VI
02A	SG12	Modified TO-17 VI
03A	SG13	Modified TO-17 VI
04A	SG14	Modified TO-17 VI
05A	SG15	Modified TO-17 VI
06A	Lab Blank	Modified TO-17 VI
07A	CCV	Modified TO-17 VI
08A	LCS	Modified TO-17 VI
08AA	LCSD	Modified TO-17 VI

CERTIFIED BY: Linda D. Frumarx DATE: 07/06/11

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763,
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/09, Expiration date: 06/30/11
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-17
Maul Foster and Alongi Inc.
Workorder# 1106496

Five TO-17 VI Tube samples were received on June 23, 2011. The laboratory performed the analysis via EPA Method TO-17 using GC/MS in the full scan mode. TO-17 sorbent tubes are thermally desorbed onto a secondary trap. The trap is thermally desorbed to elute the components into the GC/MS system for further separation.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A sampling volume of 1.00 L was used to convert ng to ug/m3 for the associated Lab Blank.

The recovery of surrogate 1,2-Dichloroethane-d4 in sample SG11 was outside the laboratory limits of 50-150%.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Air Toxics LTD.
Laboratory Services Since 1989

Summary of Detected Compounds
EPA METHOD TO-17

Client Sample ID: SG11

Lab ID#: 1106496-01A

No Detections Were Found.

Client Sample ID: SG12

Lab ID#: 1106496-02A

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
Tetrachloroethene	6.8	6.8	15	15

Client Sample ID: SG13

Lab ID#: 1106496-03A

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
Tetrachloroethene	6.8	6.8	150	150

Client Sample ID: SG14

Lab ID#: 1106496-04A

No Detections Were Found.

Client Sample ID: SG15

Lab ID#: 1106496-05A

No Detections Were Found.

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: SG11

Lab ID#: 1106496-01A

EPA METHOD TO-17

File Name:	**f062306**	**Date of Extraction: NA**	**Date of Collection: 6/20/11**
Dil. Factor:	**1.00**		**Date of Analysis: 6/23/11 03:09 PM**

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
1,1-Dichloroethene	4.0	4.0	Not Detected	Not Detected
Vinyl Chloride	2.6	2.6	Not Detected	Not Detected
trans-1,2-Dichloroethene	4.0	4.0	Not Detected	Not Detected
cis-1,2-Dichloroethene	4.0	4.0	Not Detected	Not Detected
Trichloroethene	5.4	5.4	Not Detected	Not Detected
Tetrachloroethene	6.8	6.8	Not Detected	Not Detected

Air Sample Volume(L): 1.00

Q = Exceeds Quality Control limits.

Container Type: TO-17 VI Tube

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	152 Q	50-150
Toluene-d8	114	50-150
Naphthalene-d8	109	50-150

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Client Sample ID: SG12

Lab ID#: 1106496-02A

EPA METHOD TO-17

File Name:	**f062307**	**Date of Extraction: NA**	**Date of Collection: 6/20/11**
Dil. Factor:	**1.00**		**Date of Analysis: 6/23/11 04:13 PM**

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
1,1-Dichloroethene	4.0	4.0	Not Detected	Not Detected
Vinyl Chloride	2.6	2.6	Not Detected	Not Detected
trans-1,2-Dichloroethene	4.0	4.0	Not Detected	Not Detected
cis-1,2-Dichloroethene	4.0	4.0	Not Detected	Not Detected
Trichloroethene	5.4	5.4	Not Detected	Not Detected
Tetrachloroethene	6.8	6.8	15	15

Air Sample Volume(L): 1.00
Container Type: TO-17 VI Tube

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	122	50-150
Toluene-d8	118	50-150
Naphthalene-d8	116	50-150

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: SG13

Lab ID#: 1106496-03A

EPA METHOD TO-17

File Name:	**f062308**	**Date of Extraction: NA**	**Date of Collection: 6/20/11**
Dil. Factor:	**1.00**		**Date of Analysis: 6/23/11 04:53 PM**

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
1,1-Dichloroethene	4.0	4.0	Not Detected	Not Detected
Vinyl Chloride	2.6	2.6	Not Detected	Not Detected
trans-1,2-Dichloroethene	4.0	4.0	Not Detected	Not Detected
cis-1,2-Dichloroethene	4.0	4.0	Not Detected	Not Detected
Trichloroethene	5.4	5.4	Not Detected	Not Detected
Tetrachloroethene	6.8	6.8	150	150

Air Sample Volume(L): 1.00
Container Type: TO-17 VI Tube

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	121	50-150
Toluene-d8	116	50-150
Naphthalene-d8	111	50-150

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: SG14

Lab ID#: 1106496-04A

EPA METHOD TO-17

File Name:	**f062309**	**Date of Extraction: NA**	**Date of Collection: 6/20/11**
Dil. Factor:	**1.00**		**Date of Analysis: 6/23/11 05:33 PM**

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
1,1-Dichloroethene	4.0	4.0	Not Detected	Not Detected
Vinyl Chloride	2.6	2.6	Not Detected	Not Detected
trans-1,2-Dichloroethene	4.0	4.0	Not Detected	Not Detected
cis-1,2-Dichloroethene	4.0	4.0	Not Detected	Not Detected
Trichloroethene	5.4	5.4	Not Detected	Not Detected
Tetrachloroethene	6.8	6.8	Not Detected	Not Detected

Air Sample Volume(L): 1.00
Container Type: TO-17 VI Tube

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	116	50-150
Toluene-d8	114	50-150
Naphthalene-d8	129	50-150

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: SG15

Lab ID#: 1106496-05A

EPA METHOD TO-17

File Name:	**f062310**	**Date of Extraction: NA**	**Date of Collection: 6/20/11**
Dil. Factor:	**1.00**		**Date of Analysis: 6/23/11 06:13 PM**

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
1,1-Dichloroethene	4.0	4.0	Not Detected	Not Detected
Vinyl Chloride	2.6	2.6	Not Detected	Not Detected
trans-1,2-Dichloroethene	4.0	4.0	Not Detected	Not Detected
cis-1,2-Dichloroethene	4.0	4.0	Not Detected	Not Detected
Trichloroethene	5.4	5.4	Not Detected	Not Detected
Tetrachloroethene	6.8	6.8	Not Detected	Not Detected

Air Sample Volume(L): 1.00
Container Type: TO-17 VI Tube

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	123	50-150
Toluene-d8	115	50-150
Naphthalene-d8	126	50-150

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1106496-06A

EPA METHOD TO-17

File Name:	**f062305**	**Date of Extraction: NA**	**Date of Collection: NA**
Dil. Factor:	**1.00**		**Date of Analysis: 6/23/11 01:36 PM**

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
1,1-Dichloroethene	4.0	4.0	Not Detected	Not Detected
Vinyl Chloride	2.6	2.6	Not Detected	Not Detected
trans-1,2-Dichloroethene	4.0	4.0	Not Detected	Not Detected
cis-1,2-Dichloroethene	4.0	4.0	Not Detected	Not Detected
Trichloroethene	5.4	5.4	Not Detected	Not Detected
Tetrachloroethene	6.8	6.8	Not Detected	Not Detected

Air Sample Volume(L): 1.00
Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	50-150
Toluene-d8	87	50-150
Naphthalene-d8	86	50-150

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV
Lab ID#: 1106496-07A
EPA METHOD TO-17

File Name:	**f062302**	**Date of Extraction: NA**	**Date of Collection: NA**
Dil. Factor:	**1.00**		**Date of Analysis: 6/23/11 11:50 AM**

Compound	%Recovery
1,1-Dichloroethene	92
Vinyl Chloride	106
trans-1,2-Dichloroethene	93
cis-1,2-Dichloroethene	93
Trichloroethene	98
Tetrachloroethene	107

Air Sample Volume(L): 1.00
Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	50-150
Toluene-d8	91	50-150
Naphthalene-d8	104	50-150

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS
Lab ID#: 1106496-08A
EPA METHOD TO-17

File Name:	**f062303**	**Date of Extraction: NA**	**Date of Collection: NA**
Dil. Factor:	**1.00**		**Date of Analysis: 6/23/11 12:32 PM**

Compound	%Recovery
1,1-Dichloroethene	105
Vinyl Chloride	117
trans-1,2-Dichloroethene	110
cis-1,2-Dichloroethene	100
Trichloroethene	100
Tetrachloroethene	106

Air Sample Volume(L): 1.00
Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	50-150
Toluene-d8	94	50-150
Naphthalene-d8	98	50-150

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCSD

Lab ID#: 1106496-08AA

EPA METHOD TO-17

File Name:	**f062304**	**Date of Extraction: NA**	**Date of Collection: NA**
Dil. Factor:	**1.00**		**Date of Analysis: 6/23/11 01:03 PM**

Compound	%Recovery
1,1-Dichloroethene	109
Vinyl Chloride	128
trans-1,2-Dichloroethene	116
cis-1,2-Dichloroethene	107
Trichloroethene	103
Tetrachloroethene	107

Air Sample Volume(L): 1.00

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	50-150
Toluene-d8	94	50-150
Naphthalene-d8	94	50-150