APPENDIX E

ANALYTICAL DATA TABLES AND LABORATORY REPORTS

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APPENDIX E-1

ANALYTICAL RESULTS FOR SOIL SAMPLES

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Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Volatiles (in ug/kg)																											
						1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,4-Dioxane (p-Dioxane)	2-Butanone (MEK)	2-Hexanone	4-Methyl-2-pentanone (MIBK)	Acetone	Benzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon Disulfide	Carbon Tetrachloride
JW-SB/SG01	JW-SB/SG01-05	04/09/2013	N	5	5.5	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<97	<9.7	<9.7	<9.7	<9.7	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
JW-SB/SG01	JW-SB/SG01-06	04/09/2013	FD	6	6.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<89	<8.9	<8.9	<8.9	<8.9	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5
JW-SB/SG01	JW-SB/SG01-15	04/09/2013	N	15	15.5	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<120	<12	<12	<12	<12	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2
JW-SB/SG01	JW-SB/SG01-25	04/09/2013	N	25	25.5	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<120	<12	<12	<12	<12	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1
JW-SB/SG01	JW-SB/SG01-35	04/09/2013	N	35	35.5	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<120	<12	<12	<12	<12	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9
JW-SB/SG02	JW-SB/SG02-05	04/09/2013	N	5	5.5	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<98	<9.8	<9.8	<9.8	<9.8	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
JW-SB/SG02	JW-SB/SG02-15	04/09/2013	N	15	15.5	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<140	<14	<14	<14	<14	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8
JW-SB/SG02	JW-SB/SG02-25	04/09/2013	N	25	25.5	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<120	<12	<12	<12	<12	<6	<6	<6	<6	<6	<6	<6
JW-SB/SG02	JW-SB/SG02-35	04/09/2013	N	35	35.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<110	<11	<11	<11	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
JW-SB/SG03	JW-SB/SG03-05	04/04/2013	N	5	5.5	<5.3	<5.3	<5.3	**0.9 J**	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	**1.1 J**	**1.1 J**	<5.3	<5.3	<110	<11	<11	<11	<11	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3
JW-SB/SG03	JW-SB/SG03-16	04/04/2013	FD	6	6.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG03	JW-SB/SG03-15	04/04/2013	N	15	15.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<130	<13	<13	<13	<13	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5
JW-SB/SG03	JW-SB/SG03-16	04/04/2013	FD	16	16.5	<5.9	<5.9	**0.92 J**	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	**0.92 J**	<5.9	<5.9	<120	<12	<12	<12	<12	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9
JW-SB/SG03	JW-SB/SG03-25	04/04/2013	N	25	25.5	<6.4	<6.4	<6.4	**1.2 J**	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<130	<13	<13	<13	<13	<6.4	**0.99 J**	<6.4	<6.4	<6.4	<6.4	<6.4
JW-SB/SG03	JW-SB/SG03-35	04/04/2013	N	35	35.5	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<130	<13	<13	<13	<13	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3
JW-SB/SG04	JW-SB/SG04-05	04/04/2013	N	5	5.5	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<120	<12	<12	<12	<12	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9
JW-SB/SG04	JW-SB/SG04-15	04/04/2013	N	15	15.5	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<120	<12	<12	<12	<12	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9
JW-SB/SG04	JW-SB/SG04-25	04/04/2013	N	25	25.5	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<130	<13	<13	<13	<13	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6
JW-SB/SG04	JW-SB/SG04-35	04/04/2013	N	35	35.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<100	<10	<10	<10	<10	<5	<5	<5	<5	<5	<5	<5
JW-SB/SG05	JW-SB/SG05-05	04/04/2013	N	5	5.5	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<110	<11	<11	<11	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6
JW-SB/SG05	JW-SB/SG05-15	04/04/2013	N	15	15.5	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<110	<11	<11	<11	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4
JW-SB/SG05	JW-SB/SG05-25	04/04/2013	N	25	25.5	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<130	<13	<13	<13	<13	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4
JW-SB/SG05	JW-SB/SG05-35	04/04/2013	N	35	35.5	<4.7	<4.7	<4.7	**0.77 J**	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<94	<9.4	<9.4	<9.4	<9.4	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
JW-SB/SG06	JW-SB/SG06-05	04/04/2013	N	5	5.5	<5.9	<5.9	<5.9	**1 J**	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	**1.1 J**	<5.9	<5.9	<120	<12	<12	<12	<12	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9
JW-SB/SG06	JW-SB/SG06-06	04/04/2013	FD	6	6.5	<5.7	<5.7	<5.7	**1.1 J**	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<110	<11	<11	<11	<11	<5.7	<5.7	**0.92 J**	<5.7	<5.7	<5.7	<5.7
JW-SB/SG06	JW-SB/SG06-15	04/04/2013	N	15	15.5	<6.4	<6.4	<6.4	**1.2 J**	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<130	<13	<13	<13	<13	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4
JW-SB/SG06	JW-SB/SG06-25	04/04/2013	N	25	25.5	<6.9	<6.9	<6.9	**1.2 J**	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<140	<14	<14	<14	<14	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9
JW-SB/SG06	JW-SB/SG06-35	04/04/2013	N	35	35.5	<5	<5	<5	**0.97 J**	<5	<5	<5	<5	<5	<5	<5	<5	**1 J**	<5	<5	<5	<99	<9.9	<9.9	<9.9	<9.9	<5	<5	<5	<5	<5	<5	<5
JW-SB/SG07	JW-SB07-0.5	03/12/2015	N	0.5	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG07	JW-SB07-2	03/12/2015	N	2	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG07	JW-SB07-5	03/12/2015	N	5	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG07	JW-SB07-6	03/12/2015	FD	5	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG07	JW-SB07-15	03/12/2015	N	15	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG07	JW-SB07-25	03/12/2015	N	25	25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Volatiles (in ug/kg)																								
						Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethylene	cis-1,3-Dichloropropene	Cyclohexane	Dibromochloromethane	Dichlorodifluoromethane	Ethylbenzene	Isopropylbenzene (Cumene)	m,p-Xylene	Methyl Acetate	Methylcyclohexane	Methylene Chloride	o-Xylene	Styrene	tert-Butyl Methyl Ether (MTBE)	Tetrachloroethene (PCE)	Toluene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Vinyl Chloride
JW-SB/SG01	JW-SB/SG01-05	04/09/2013	N	5	5.5	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	**6.7 J**	<4.9	<4.9	<4.9	<4.9	<4.9	**1.2 J**	<4.9	<4.9	<4.9	**1.6 J**	<4.9	<4.9
JW-SB/SG01	JW-SB/SG01-06	04/09/2013	FD	6	6.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	**1.6 J**	<4.5	<4.5	<4.5	**1.4 J**	<4.5	<4.5
JW-SB/SG01	JW-SB/SG01-15	04/09/2013	N	15	15.5	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	**5.8 J**	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2
JW-SB/SG01	JW-SB/SG01-25	04/09/2013	N	25	25.5	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	**6.8 J**	<6.1	<6.1	<6.1	<6.1	<6.1	**2.4 J**	<6.1	<6.1	<6.1	**36**	<6.1	<6.1
JW-SB/SG01	JW-SB/SG01-35	04/09/2013	N	35	35.5	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9
JW-SB/SG02	JW-SB/SG02-05	04/09/2013	N	5	5.5	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	**3 J**	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	**0.99 J**	<4.9	<4.9
JW-SB/SG02	JW-SB/SG02-15	04/09/2013	N	15	15.5	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	**3 J**	<6.8	<6.8	<6.8	**9.9**	<6.8	<6.8
JW-SB/SG02	JW-SB/SG02-25	04/09/2013	N	25	25.5	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	**2.9 J**	<6	<6	<6	**4.8 J**	<6	<6
JW-SB/SG02	JW-SB/SG02-35	04/09/2013	N	35	35.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	**4.4 J**	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
JW-SB/SG03	JW-SB/SG03-05	04/04/2013	N	5	5.5	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	**5.4 J**	**1 J**	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3
JW-SB/SG03	JW-SB/SG03-16	04/04/2013	FD	6	6.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG03	JW-SB/SG03-15	04/04/2013	N	15	15.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	**5.8 J**	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5
JW-SB/SG03	JW-SB/SG03-16	04/04/2013	FD	16	16.5	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	**0.84 J**	<5.9	<5.9	<5.9	<5.9	<5.9	**5.1 J**	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9
JW-SB/SG03	JW-SB/SG03-25	04/04/2013	N	25	25.5	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	**0.89 J**	<6.4	<6.4	<6.4	<6.4	<6.4	**5.5 J**	<6.4	<6.4	<6.4	<6.4	**1.1 J**	<6.4	<6.4	<6.4	<6.4	<6.4	**0.93 J**	<6.4
JW-SB/SG03	JW-SB/SG03-35	04/04/2013	N	35	35.5	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	**0.87 J**	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3
JW-SB/SG04	JW-SB/SG04-05	04/04/2013	N	5	5.5	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9
JW-SB/SG04	JW-SB/SG04-15	04/04/2013	N	15	15.5	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9
JW-SB/SG04	JW-SB/SG04-25	04/04/2013	N	25	25.5	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6
JW-SB/SG04	JW-SB/SG04-35	04/04/2013	N	35	35.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
JW-SB/SG05	JW-SB/SG05-05	04/04/2013	N	5	5.5	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6
JW-SB/SG05	JW-SB/SG05-15	04/04/2013	N	15	15.5	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4
JW-SB/SG05	JW-SB/SG05-25	04/04/2013	N	25	25.5	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	**0.93 J**	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4
JW-SB/SG05	JW-SB/SG05-35	04/04/2013	N	35	35.5	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
JW-SB/SG06	JW-SB/SG06-05	04/04/2013	N	5	5.5	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	**6.1**	**1.3 J**	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9
JW-SB/SG06	JW-SB/SG06-06	04/04/2013	FD	6	6.5	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	**7 J**	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7
JW-SB/SG06	JW-SB/SG06-15	04/04/2013	N	15	15.5	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	**5.8 J**	**1.1 J**	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4
JW-SB/SG06	JW-SB/SG06-25	04/04/2013	N	25	25.5	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	**4 J**	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9
JW-SB/SG06	JW-SB/SG06-35	04/04/2013	N	35	35.5	<5	<5	<5	<5	<5	<5	**0.71 J**	<5	<5	<5	<5	<5	**3.8 J**	**1.2 J**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
JW-SB/SG07	JW-SB07-0.5	03/12/2015	N	0.5	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG07	JW-SB07-2	03/12/2015	N	2	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG07	JW-SB07-5	03/12/2015	N	5	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG07	JW-SB07-6	03/12/2015	FD	5	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG07	JW-SB07-15	03/12/2015	N	15	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG07	JW-SB07-25	03/12/2015	N	25	25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Semivolatiles (in ug/kg)																								
						1,2,4,5-Tetrachlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Chloronaphthalene	2-Chlorophenol	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	2-Nitroaniline	2-Nitrophenol	3,3'-Dichlorobenzidine	3-Nitroaniline	4,6-Dinitro-2-Methylphenol	4-Bromophenyl phenyl ether	4-Chloro-3-Methylphenol	4-Chloroaniline	4-Chlorophenyl Phenyl Ether	4-Methylphenol (p-Cresol)	4-Nitroaniline	4-Nitrophenol
JW-SB/SG01	JW-SB/SG01-05	04/09/2013	N	5	5.5	<190	<190	<190	<190	<190	<190	<370	<190	<190	<190	<190	<190	<190	<370	<190	<190	<370	<370	<190	<190	<190	<190	<190	<370	<370
JW-SB/SG01	JW-SB/SG01-06	04/09/2013	FD	6	6.5	<190	<190	<190	<190	<190	<190	<370	<190	<190	<190	<190	<190	<190	<370	<190	<190	<370	<370	<190	<190	<190	<190	<190	<370	<370
JW-SB/SG01	JW-SB/SG01-15	04/09/2013	N	15	15.5	<220	<220	<220	<220	<220	<220	<430	<220	<220	<220	<220	<220	<220	<430	<220	<220	<430	<430	<220	<220	<220	<220	<220	<430	<430
JW-SB/SG01	JW-SB/SG01-25	04/09/2013	N	25	25.5	<220	<220	<220	<220	<220	<220	<420	<220	<220	<220	<220	<220	<220	<420	<220	<220	<420	<420	<220	<220	<220	<220	<220	<420	<420
JW-SB/SG01	JW-SB/SG01-35	04/09/2013	N	35	35.5	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	<180	<180	<180	<350	<180	<180	<350	<350	<180	<180	<180	<180	<180	<350	<350
JW-SB/SG02	JW-SB/SG02-05	04/09/2013	N	5	5.5	<190	<190	<190	<190	<190	<190	<360	<190	<190	<190	<190	<190	<190	<360	<190	<190	<360	<360	<190	<190	<190	<190	<190	<360	<360
JW-SB/SG02	JW-SB/SG02-15	04/09/2013	N	15	15.5	<210	<210	<210	<210	<210	<210	<410	<210	<210	<210	<210	<210	<210	<410	<210	<210	<410	<410	<210	<210	<210	<210	<210	<410	<410
JW-SB/SG02	JW-SB/SG02-25	04/09/2013	N	25	25.5	<220	<220	<220	<220	<220	<220	<430	<220	<220	<220	<220	<220	<220	<430	<220	<220	<430	<430	<220	<220	<220	<220	<220	<430	<430
JW-SB/SG02	JW-SB/SG02-35	04/09/2013	N	35	35.5	<180	<180	<180	<180	<180	<180	<360	<180	<180	<180	<180	<180	<180	<360	<180	<180	<360	<360	<180	<180	<180	<180	<180	<360	<360
JW-SB/SG03	JW-SB/SG03-05	04/04/2013	N	5	5.5	<190	<190	<190	<190	<190	<190	<370	<190	<190	<190	<190	<190	<190	<370	<190	<190	<370	<370	<190	<190	<190	<190	<190	<370	<370
JW-SB/SG03	JW-SB/SG03-16	04/04/2013	FD	6	6.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG03	JW-SB/SG03-15	04/04/2013	N	15	15.5	<230	<230	<230	<230	<230	<230	<440	<230	<230	<230	<230	<230	<230	<440	<230	<230	<440	<440	<230	<230	<230	<230	<230	<440	<440
JW-SB/SG03	JW-SB/SG03-16	04/04/2013	FD	16	16.5	<190	<190	<190	<190	<190	<190	<370	<190	<190	<190	<190	<190	<190	<370	<190	<190	<370	<370	<190	<190	<190	<190	<190	<370	<370
JW-SB/SG03	JW-SB/SG03-25	04/04/2013	N	25	25.5	<220	<220	<220	<220	<220	<220	<430	<220	<220	<220	<220	<220	<220	<430	<220	<220	<430	<430	<220	<220	<220	<220	<220	<430	<430
JW-SB/SG03	JW-SB/SG03-35	04/04/2013	N	35	35.5	<220	<220	<220	<220	<220	<220	<420	<220	<220	<220	<220	<220	<220	<420	<220	<220	<420	<420	<220	<220	<220	<220	<220	<420	<420
JW-SB/SG04	JW-SB/SG04-05	04/04/2013	N	5	5.5	<190	<190	<190	<190	<190	<190	<370	<190	<190	<190	<190	<190	<190	<370	<190	<190	<370	<370	<190	<190	<190	<190	<190	<370	<370
JW-SB/SG04	JW-SB/SG04-15	04/04/2013	N	15	15.5	<210	<210	<210	<210	<210	<210	<410	<210	<210	<210	<210	<210	<210	<410	<210	<210	<410	<410	<210	<210	<210	<210	<210	<410	<410
JW-SB/SG04	JW-SB/SG04-25	04/04/2013	N	25	25.5	<220	<220	<220	<220	<220	<220	<430	<220	<220	<220	<220	<220	<220	<430	<220	<220	<430	<430	<220	<220	<220	<220	<220	<430	<430
JW-SB/SG04	JW-SB/SG04-35	04/04/2013	N	35	35.5	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	<180	<180	<180	<350	<180	<180	<350	<350	<180	<180	<180	<180	<180	<350	<350
JW-SB/SG05	JW-SB/SG05-05	04/04/2013	N	5	5.5	<200	<200	<200	<200	<200	<200	<390	<200	<200	<200	<200	<200	<200	<390	<200	<200	<390	<390	<200	<200	<200	<200	<200	<390	<390
JW-SB/SG05	JW-SB/SG05-15	04/04/2013	N	15	15.5	<210	<210	<210	<210	<210	<210	<400	<210	<210	<210	<210	<210	<210	<400	<210	<210	<400	<400	<210	<210	<210	<210	<210	<400	<400
JW-SB/SG05	JW-SB/SG05-25	04/04/2013	N	25	25.5	<220	<220	<220	<220	<220	<220	<420	<220	<220	<220	<220	<220	<220	<420	<220	<220	<420	<420	<220	<220	<220	<220	<220	<420	<420
JW-SB/SG05	JW-SB/SG05-35	04/04/2013	N	35	35.5	<190	<190	<190	<190	<190	<190	<360	<190	<190	<190	<190	<190	<190	<360	<190	<190	<360	<360	<190	<190	<190	<190	<190	<360	<360
JW-SB/SG06	JW-SB/SG06-05	04/04/2013	N	5	5.5	<200	<200	<200	<200	<200	<200	<380	<200	<200	<200	<200	<200	<200	<380	<200	<200	<380	<380	<200	<200	<200	<200	<200	<380	<380
JW-SB/SG06	JW-SB/SG06-06	04/04/2013	FD	6	6.5	<200	<200	<200	<200	<200	<200	<380	<200	<200	<200	<200	<200	<200	<380	<200	<200	<380	<380	<200	<200	<200	<200	<200	<380	<380
JW-SB/SG06	JW-SB/SG06-15	04/04/2013	N	15	15.5	<220	<220	<220	<220	<220	<220	<430	<220	<220	<220	<220	<220	<220	<430	<220	<220	<430	<430	<220	<220	<220	<220	<220	<430	<430
JW-SB/SG06	JW-SB/SG06-25	04/04/2013	N	25	25.5	<230	<230	<230	<230	<230	<230	<440	<230	<230	<230	<230	<230	<230	<440	<230	<230	<440	<440	<230	<230	<230	<230	<230	<440	<440
JW-SB/SG06	JW-SB/SG06-35	04/04/2013	N	35	35.5	<180	<180	<180	<180	<180	<180	<340	<180	<180	<180	<180	<180	<180	<340	<180	<180	<340	<340	<180	<180	<180	<180	<180	<340	<340
JW-SB/SG07	JW-SB07-0.5	03/12/2015	N	0.5	0.5	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	<180	<180	<180	<350	<180	<180	<350	<350	<180	<180	<180	<180	<180	<350	<350
JW-SB/SG07	JW-SB07-2	03/12/2015	N	2	2	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	<180	<180	<180	<350	<180	<180	<350	<350	<180	<180	<180	<180	<180	<350	<350
JW-SB/SG07	JW-SB07-5	03/12/2015	N	5	5	<190	<190	<190	<190	<190	<190	<380	<190	<190	<190	<190	<190	<190	<380	<190	<190	<380	<380	<190	<190	<190	<190	<190	<380	<380
JW-SB/SG07	JW-SB07-6	03/12/2015	FD	5	5	<190	<190	<190	<190	<190	<190	<380	<190	<190	<190	<190	<190	<190	<380	<190	<190	<380	<380	<190	<190	<190	<190	<190	<380	<380
JW-SB/SG07	JW-SB07-15	03/12/2015	N	15	15	<210	<210	<210	<210	<210	<210	<410	<210	<210	<210	<210	<210	<210	<410	<210	<210	<410	<410	<210	<210	<210	<210	<210	<410	<410
JW-SB/SG07	JW-SB07-25	03/12/2015	N	25	25	<210	<210	<210	<210	<210	<210	<410	<210	<210	<210	<210	<210	<210	<410	<210	<210	<410	<410	<210	<210	<210	<210	<210	<410	<410

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Semivolatiles (in ug/kg)																								
						Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benzaldehyde	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzyl butyl phthalate	Biphenyl (Diphenyl)	bis(2-Chloroethoxy) Methane	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	bis(2-Chloroisopropyl) Ether	bis(2-Ethylhexyl) Phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Diethyl Phthalate	Dimethyl Phthalate	Di-n-Butyl Phthalate
JW-SB/SG01	JW-SB/SG01-05	04/09/2013	N	5	5.5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190
JW-SB/SG01	JW-SB/SG01-06	04/09/2013	FD	6	6.5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190
JW-SB/SG01	JW-SB/SG01-15	04/09/2013	N	15	15.5	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220
JW-SB/SG01	JW-SB/SG01-25	04/09/2013	N	25	25.5	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220
JW-SB/SG01	JW-SB/SG01-35	04/09/2013	N	35	35.5	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG02	JW-SB/SG02-05	04/09/2013	N	5	5.5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190
JW-SB/SG02	JW-SB/SG02-15	04/09/2013	N	15	15.5	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210
JW-SB/SG02	JW-SB/SG02-25	04/09/2013	N	25	25.5	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220
JW-SB/SG02	JW-SB/SG02-35	04/09/2013	N	35	35.5	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG03	JW-SB/SG03-05	04/04/2013	N	5	5.5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190
JW-SB/SG03	JW-SB/SG03-16	04/04/2013	FD	6	6.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG03	JW-SB/SG03-15	04/04/2013	N	15	15.5	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230
JW-SB/SG03	JW-SB/SG03-16	04/04/2013	FD	16	16.5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190
JW-SB/SG03	JW-SB/SG03-25	04/04/2013	N	25	25.5	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220
JW-SB/SG03	JW-SB/SG03-35	04/04/2013	N	35	35.5	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	**94 J**	<220	<220
JW-SB/SG04	JW-SB/SG04-05	04/04/2013	N	5	5.5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	**200**	<190	<190	<190	<190	<190	<190	<190	<190
JW-SB/SG04	JW-SB/SG04-15	04/04/2013	N	15	15.5	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	**270**	<210	<210	<210	<210	<210	<210	<210	**96 J**
JW-SB/SG04	JW-SB/SG04-25	04/04/2013	N	25	25.5	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220
JW-SB/SG04	JW-SB/SG04-35	04/04/2013	N	35	35.5	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG05	JW-SB/SG05-05	04/04/2013	N	5	5.5	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
JW-SB/SG05	JW-SB/SG05-15	04/04/2013	N	15	15.5	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210
JW-SB/SG05	JW-SB/SG05-25	04/04/2013	N	25	25.5	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	**240**	<220	<220	<220	<220	<220	<220	<220	<220
JW-SB/SG05	JW-SB/SG05-35	04/04/2013	N	35	35.5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190
JW-SB/SG06	JW-SB/SG06-05	04/04/2013	N	5	5.5	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
JW-SB/SG06	JW-SB/SG06-06	04/04/2013	FD	6	6.5	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
JW-SB/SG06	JW-SB/SG06-15	04/04/2013	N	15	15.5	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220
JW-SB/SG06	JW-SB/SG06-25	04/04/2013	N	25	25.5	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230
JW-SB/SG06	JW-SB/SG06-35	04/04/2013	N	35	35.5	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG07	JW-SB07-0.5	03/12/2015	N	0.5	0.5	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG07	JW-SB07-2	03/12/2015	N	2	2	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG07	JW-SB07-5	03/12/2015	N	5	5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	**98 J**	<190	<190	<190	<190	<190	<190	<190	<190
JW-SB/SG07	JW-SB07-6	03/12/2015	FD	5	5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190
JW-SB/SG07	JW-SB07-15	03/12/2015	N	15	15	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210
JW-SB/SG07	JW-SB07-25	03/12/2015	N	25	25	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Di-n-Octylphthalate	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-c,d)pyrene	Isophorone	Naphthalene	Nitrobenzene	n-Nitrosodi-n-propylamine	n-Nitrosodiphenylamine	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Metals by E200.7 (in mg/kg)						
																							Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium
JW-SB/SG01	JW-SB/SG01-05	04/09/2013	N	5	5.5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<370	<190	<190	<190	**14,900**	9559	**2.8**	**118**	**0.4 J**	**0.63**	**8,500**
JW-SB/SG01	JW-SB/SG01-06	04/09/2013	FD	6	6.5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<370	<190	<190	<190	**14,900**	1739	**2.3**	**117**	**0.43 J**	**0.64**	**9,660**
JW-SB/SG01	JW-SB/SG01-15	04/09/2013	N	15	15.5	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<430	<220	<220	<220	**22,300**	0927	**3.6**	**169**	**0.68**	**0.8**	**13,700**
JW-SB/SG01	JW-SB/SG01-25	04/09/2013	N	25	25.5	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<420	<220	<220	<220	**24,900**	5128	**4.2**	**228**	**0.62**	**0.88**	**15,100**
JW-SB/SG01	JW-SB/SG01-35	04/09/2013	N	35	35.5	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	**9,420**	8309	**13.3**	**86.4**	**0.3 J**	**0.39 J**	**4,740**
JW-SB/SG02	JW-SB/SG02-05	04/09/2013	N	5	5.5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<360	<190	<190	<190	**13,600**	6095	**2.3**	**108**	**0.39 J**	**0.55**	**7,080**
JW-SB/SG02	JW-SB/SG02-15	04/09/2013	N	15	15.5	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<410	<210	<210	<210	**22,000**	5072	**2.9**	**163**	**0.69**	**0.86**	**18,700**
JW-SB/SG02	JW-SB/SG02-25	04/09/2013	N	25	25.5	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<430	<220	<220	<220	**27,900**	<6.31	**4.5**	**223**	**0.81**	**0.91**	**28,200**
JW-SB/SG02	JW-SB/SG02-35	04/09/2013	N	35	35.5	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<360	<180	<180	<180	**7,860**	6246	**11.1**	**78.4**	**0.22 J**	**0.33 J**	**4,430**
JW-SB/SG03	JW-SB/SG03-05	04/04/2013	N	5	5.5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<370	<190	<190	<190	**13,100**	3115	**2.6**	**108**	**0.36 J**	**0.55**	**6,930**
JW-SB/SG03	JW-SB/SG03-16	04/04/2013	FD	6	6.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**11,900**	248	**2.9**	**102**	**0.32 J**	**0.58**	**6,680**
JW-SB/SG03	JW-SB/SG03-15	04/04/2013	N	15	15.5	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<440	<230	<230	<230	**27,700**	**0.85 J**	**4.8**	**227**	**0.83**	**0.92**	**14,000**
JW-SB/SG03	JW-SB/SG03-16	04/04/2013	FD	16	16.5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<370	<190	<190	<190	--	--	--	--	--	--	--
JW-SB/SG03	JW-SB/SG03-25	04/04/2013	N	25	25.5	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<430	<220	<220	<220	**30,100**	6401	**5.2**	**225**	**0.9**	**0.93**	**12,700**
JW-SB/SG03	JW-SB/SG03-35	04/04/2013	N	35	35.5	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<420	<220	<220	<220	**7,650**	4222	**6.4**	**75.9**	**0.2 J**	**0.45 J**	**43,900**
JW-SB/SG04	JW-SB/SG04-05	04/04/2013	N	5	5.5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<370	<190	<190	<190	**14,500**	**0.56 J**	**2.3**	**119**	**0.41 J**	**0.62**	**7,720**
JW-SB/SG04	JW-SB/SG04-15	04/04/2013	N	15	15.5	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<410	<210	<210	<210	**17,500**	**0.85 J**	**3.3**	**138**	**0.49 J**	**0.73**	**16,000**
JW-SB/SG04	JW-SB/SG04-25	04/04/2013	N	25	25.5	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<430	<220	<220	<220	**21,800**	6737	**3.7**	**203**	**0.5**	**0.87**	**13,400**
JW-SB/SG04	JW-SB/SG04-35	04/04/2013	N	35	35.5	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	**8,620**	739	**13.4**	**72.5**	**0.24 J**	**0.4 J**	**6,580**
JW-SB/SG05	JW-SB/SG05-05	04/04/2013	N	5	5.5	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<390	<200	<200	<200	**17,700**	**0.92 J**	**2.7**	**138**	**0.5 J**	**0.74**	**8,800**
JW-SB/SG05	JW-SB/SG05-15	04/04/2013	N	15	15.5	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<400	<210	<210	<210	**22,300**	1108	**2.8**	**170**	**0.69**	**0.74**	**13,400**
JW-SB/SG05	JW-SB/SG05-25	04/04/2013	N	25	25.5	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<420	<220	<220	<220	**30,200**	5018	**6.5**	**252**	**0.71**	**1.1**	**28,200**
JW-SB/SG05	JW-SB/SG05-35	04/04/2013	N	35	35.5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<360	<190	<190	<190	**10,100**	**0.65 J**	**11.4**	**95.5**	**0.27 J**	**0.41 J**	**5,160**
JW-SB/SG06	JW-SB/SG06-05	04/04/2013	N	5	5.5	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<380	<200	<200	<200	**18,100**	5025	**2.5**	**137**	**0.49**	**0.72**	**9,170**
JW-SB/SG06	JW-SB/SG06-06	04/04/2013	FD	6	6.5	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<380	<200	<200	<200	**17,800**	4979	**3**	**145**	**0.49**	**0.71**	**9,780**
JW-SB/SG06	JW-SB/SG06-15	04/04/2013	N	15	15.5	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<430	<220	<220	<220	**17,800**	**1 J**	**2.5**	**152**	**0.49 J**	**0.67**	**7,960**
JW-SB/SG06	JW-SB/SG06-25	04/04/2013	N	25	25.5	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<230	<440	<230	<230	<230	**23,200**	576	**3.8**	**214**	**0.62**	**0.85**	**12,400**
JW-SB/SG06	JW-SB/SG06-35	04/04/2013	N	35	35.5	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<340	<180	<180	<180	**8,640**	0237	**9.5**	**87.1**	**0.24 J**	**0.38 J**	**4,650**
JW-SB/SG07	JW-SB07-0.5	03/12/2015	N	0.5	0.5	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	**9,950**	--	--	--	--	--	**6,080**
JW-SB/SG07	JW-SB07-2	03/12/2015	N	2	2	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	**6,430**	--	--	--	--	--	**4,260**
JW-SB/SG07	JW-SB07-5	03/12/2015	N	5	5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<380	<190	<190	<190	**12,500**	--	--	--	--	--	**7,080**
JW-SB/SG07	JW-SB07-6	03/12/2015	FD	5	5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<380	<190	<190	<190	**13,000**	--	--	--	--	--	**7,230**
JW-SB/SG07	JW-SB07-15	03/12/2015	N	15	15	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<410	<210	<210	<210	**17,100**	--	--	--	--	--	**10,900**
JW-SB/SG07	JW-SB07-25	03/12/2015	N	25	25	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<410	<210	<210	<210	**16,600**	--	--	--	--	--	**9,800**

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

							Metals by E200.7 (in mg/kg)														Metals by E200.8 (in mg/kg)						
Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt
JW-SB/SG01	JW-SB/SG01-05	04/09/2013	N	5	5.5	37.2	9.9	22.3	24,500	4.1	7,330	370	12.6	3,870	<3.523076	<1.006593	6593	<2.516483	45.3	62.6 J	--	--	--	--	--	--	--
JW-SB/SG01	JW-SB/SG01-06	04/09/2013	FD	6	6.5	32.3	10.1	22	24,100	3.8	7,260	371	13	3,700	<3.909348	<1.116957	8258	<2.792391	45.1	60.9	--	--	--	--	--	--	--
JW-SB/SG01	JW-SB/SG01-15	04/09/2013	N	15	15.5	27.7	13.1	30.6	31,100	7.2	10,500	458	17.7	5,110	<4.171374	<1.191821	1,050	<2.979553	58.2	75.6	--	--	--	--	--	--	--
JW-SB/SG01	JW-SB/SG01-25	04/09/2013	N	25	25.5	33.3	16.4	30.7	37,400	5.9	12,900	623	22.9	6,160	<3.782992	<1.080855	2,220	<2.702137	59.7	88.5	--	--	--	--	--	--	--
JW-SB/SG01	JW-SB/SG01-35	04/09/2013	N	35	35.5	11.1	6.6	9.8	17,000	2.4	5,490	254	7.5	2,950	<3.674013	<1.049718	551	<2.624295	31.2	41.3	--	--	--	--	--	--	--
JW-SB/SG02	JW-SB/SG02-05	04/09/2013	N	5	5.5	26.6	8.8	19.3	22,900	3.8	6,390	303	10.9	3,520	<2.902722	<0.829349	4604	<2.073373	43	52.9	--	--	--	--	--	--	--
JW-SB/SG02	JW-SB/SG02-15	04/09/2013	N	15	15.5	35.3	13.2	32.2	30,700	6.8	10,900	526	18.1	4,850	<4.121292	<1.177512	828	<2.94378	58.4	79.7	--	--	--	--	--	--	--
JW-SB/SG02	JW-SB/SG02-25	04/09/2013	N	25	25.5	34.9	17	41	37,200	6.9	13,500	884	23.9	5,350	<3.680833	<1.051667	2,560	<2.629167	64	86.8	--	--	--	--	--	--	--
JW-SB/SG02	JW-SB/SG02-35	04/09/2013	N	35	35.5	9	5.8	8.4	14,600	2.3	4,370	213	6	2,320	<3.04281	<0.869374	7129	<2.173436	26.6	34.6	--	--	--	--	--	--	--
JW-SB/SG03	JW-SB/SG03-05	04/04/2013	N	5	5.5	18	8.7	15.9	23,000	4.4	6,180	337	10.9	3,470	<3.443483	<0.983852	6212	<2.459631	43.4	50.2	--	--	--	--	--	--	--
JW-SB/SG03	JW-SB/SG03-16	04/04/2013	FD	6	6.5	16.6	8.4	15.3	21,800	4.5	5,780	300	10.1	3,350	<3.705613	<1.058747	3338	<2.646867	41.2	49.5	--	--	--	--	--	--	--
JW-SB/SG03	JW-SB/SG03-15	04/04/2013	N	15	15.5	33.8	16.3	45.4	37,900	9	14,000	488	23.8	5,590	<4.500099	<1.285743	1,490	<3.214357	67.6	93.1	--	--	--	--	--	--	--
JW-SB/SG03	JW-SB/SG03-16	04/04/2013	FD	16	16.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG03	JW-SB/SG03-25	04/04/2013	N	25	25.5	36.8	17.7	40.4	39,300	8.7	14,000	687	26.1	5,660	<4.0754	<1.1644	1,770	<2.911	66.2	94.9	--	--	--	--	--	--	--
JW-SB/SG03	JW-SB/SG03-35	04/04/2013	N	35	35.5	9.7	5.4	8.7	14,600	1.9	4,710	224	5.8	2,340	<3.554963	<1.015704	1847	<2.539259	27.5	31.8	--	--	--	--	--	--	--
JW-SB/SG04	JW-SB/SG04-05	04/04/2013	N	5	5.5	20.4	9.8	20	24,500	4.3	7,020	370	12.3	4,070	<3.214455	<0.918416	7833	<2.296039	46.4	56.2	--	--	--	--	--	--	--
JW-SB/SG04	JW-SB/SG04-15	04/04/2013	N	15	15.5	22.7	11.3	22.6	26,100	5	9,030	435	14.7	4,190	<3.789521	<1.08272	0189	<2.706801	51.2	67.4	--	--	--	--	--	--	--
JW-SB/SG04	JW-SB/SG04-25	04/04/2013	N	25	25.5	29.9	15.6	32.9	33,600	4.8	12,200	622	20.8	6,050	<3.48643	<0.996123	843	<2.490307	57.7	84.3	--	--	--	--	--	--	--
JW-SB/SG04	JW-SB/SG04-35	04/04/2013	N	35	35.5	11.1	5.9	8.9	17,300	2.5	4,810	235	6.6	2,460	<3.428478	<0.979565	25	<2.448913	31.6	36.2	--	--	--	--	--	--	--
JW-SB/SG05	JW-SB/SG05-05	04/04/2013	N	5	5.5	26.5	11.5	25.4	28,200	5.4	8,320	458	15.4	4,810	<3.673828	<1.049665	2557	<2.624163	52.6	68.2	--	--	--	--	--	--	--
JW-SB/SG05	JW-SB/SG05-15	04/04/2013	N	15	15.5	27.4	12.5	29.1	31,400	7.3	9,780	371	17	4,340	<3.34898	<0.956851	641	<2.392128	61	72.8	--	--	--	--	--	--	--
JW-SB/SG05	JW-SB/SG05-25	04/04/2013	N	25	25.5	35.9	19.3	46.3	44,400	6.9	14,200	801	24.3	5,970	<3.590427	<1.025836	2,500	<2.564591	73.1	88.6	--	--	--	--	--	--	--
JW-SB/SG05	JW-SB/SG05-35	04/04/2013	N	35	35.5	12.3	7.1	10.7	18,700	2.1	5,690	269	7.8	3,180	<3.524682	<1.007052	5991	<2.51763	38	44.1	--	--	--	--	--	--	--
JW-SB/SG06	JW-SB/SG06-05	04/04/2013	N	5	5.5	22.7	11.3	24	28,100	6.1	8,710	416	15	4,020	<3.030431	<0.865838	480	<2.164594	52.3	65.7	--	--	--	--	--	--	--
JW-SB/SG06	JW-SB/SG06-06	04/04/2013	FD	6	6.5	22.7	11.6	24.8	28,000	5.5	8,730	419	15.2	3,950	<2.907904	<0.83083	485	<2.077074	53.1	66	--	--	--	--	--	--	--
JW-SB/SG06	JW-SB/SG06-15	04/04/2013	N	15	15.5	22.1	11.4	25.4	26,900	4	8,960	348	14.9	4,860	<4.097895	<1.170827	2,160	<2.927068	51.8	68.8	--	--	--	--	--	--	--
JW-SB/SG06	JW-SB/SG06-25	04/04/2013	N	25	25.5	32.3	16	30.8	35,700	5.9	13,100	484	22.7	6,080	<3.515027	<1.004293	1,930	<2.510733	60.3	89.2	--	--	--	--	--	--	--
JW-SB/SG06	JW-SB/SG06-35	04/04/2013	N	35	35.5	10.2	6	9.2	16,700	1.9	5,010	236	6.7	2,610	<3.476805	<0.993373	6406	<2.483432	30.5	37.5	--	--	--	--	--	--	--
JW-SB/SG07	JW-SB07-0.5	03/12/2015	N	0.5	0.5	--	--	--	17,500	--	5,380	--	--	3,740	--	--	311 J	--	--	--	<0.79	2.6	131	0.32 J	0.68	20.1	7.9
JW-SB/SG07	JW-SB07-2	03/12/2015	N	2	2	--	--	--	13,300	--	3,450	--	--	2,490	--	--	246 J	--	--	--	<0.71	0.79	42.5	0.12 J	<0.36	4.9	3
JW-SB/SG07	JW-SB07-5	03/12/2015	N	5	5	--	--	--	21,200	--	6,890	--	--	4,070	--	--	397 J	--	--	--	<0.79	1.9	141	0.43	<0.39	17.4	9.9
JW-SB/SG07	JW-SB07-6	03/12/2015	FD	5	5	--	--	--	20,900	--	7,650	--	--	4,550	--	--	554	--	--	--	<0.86	2	151	0.45	<0.43	19.2	9.9
JW-SB/SG07	JW-SB07-15	03/12/2015	N	15	15	--	--	--	26,200	--	9,890	--	--	5,800	--	--	719	--	--	--	<0.86	2.3	194	0.55	<0.43	24	12.5
JW-SB/SG07	JW-SB07-25	03/12/2015	N	25	25	--	--	--	26,600	--	9,170	--	--	5,430	--	--	1,590	--	--	--	<0.88	3.6	204	0.58	<0.44	25.6	12.6

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

						Metals by E200.8 (in mg/kg)									Metals by SW7196A (in mg/kg)	Metals by C245.5 (in mg/kg)
Location ID	**Sample ID**	**Sample Date**	**Sample Type**	**Top Sample Depth**	**Bottom Sample Depth**	**Copper**	**Lead**	**Manganese**	**Nickel**	**Selenium**	**Silver**	**Thallium**	**Vanadium**	**Zinc**	**Chromium, Hexavalent**	**Mercury**
JW-SB/SG01	JW-SB/SG01-05	04/09/2013	N	5	5.5	--	--	--	--	--	--	--	--	--	--	**0.055 J**
JW-SB/SG01	JW-SB/SG01-06	04/09/2013	FD	6	6.5	--	--	--	--	--	--	--	--	--	--	**0.05 J**
JW-SB/SG01	JW-SB/SG01-15	04/09/2013	N	15	15.5	--	--	--	--	--	--	--	--	--	--	**0.043 J**
JW-SB/SG01	JW-SB/SG01-25	04/09/2013	N	25	25.5	--	--	--	--	--	--	--	--	--	--	**0.068 J**
JW-SB/SG01	JW-SB/SG01-35	04/09/2013	N	35	35.5	--	--	--	--	--	--	--	--	--	--	**0.026 J**
JW-SB/SG02	JW-SB/SG02-05	04/09/2013	N	5	5.5	--	--	--	--	--	--	--	--	--	--	**0.04 J**
JW-SB/SG02	JW-SB/SG02-15	04/09/2013	N	15	15.5	--	--	--	--	--	--	--	--	--	--	**0.064 J**
JW-SB/SG02	JW-SB/SG02-25	04/09/2013	N	25	25.5	--	--	--	--	--	--	--	--	--	--	**0.13 J**
JW-SB/SG02	JW-SB/SG02-35	04/09/2013	N	35	35.5	--	--	--	--	--	--	--	--	--	--	**0.028 J**
JW-SB/SG03	JW-SB/SG03-05	04/04/2013	N	5	5.5	--	--	--	--	--	--	--	--	--	--	**0.03 J**
JW-SB/SG03	JW-SB/SG03-16	04/04/2013	FD	6	6.5	--	--	--	--	--	--	--	--	--	--	**0.03 J**
JW-SB/SG03	JW-SB/SG03-15	04/04/2013	N	15	15.5	--	--	--	--	--	--	--	--	--	--	**0.1 J**
JW-SB/SG03	JW-SB/SG03-16	04/04/2013	FD	16	16.5	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG03	JW-SB/SG03-25	04/04/2013	N	25	25.5	--	--	--	--	--	--	--	--	--	--	**0.042 J**
JW-SB/SG03	JW-SB/SG03-35	04/04/2013	N	35	35.5	--	--	--	--	--	--	--	--	--	--	**0.097 J**
JW-SB/SG04	JW-SB/SG04-05	04/04/2013	N	5	5.5	--	--	--	--	--	--	--	--	--	--	**0.05 J**
JW-SB/SG04	JW-SB/SG04-15	04/04/2013	N	15	15.5	--	--	--	--	--	--	--	--	--	--	**0.032 J**
JW-SB/SG04	JW-SB/SG04-25	04/04/2013	N	25	25.5	--	--	--	--	--	--	--	--	--	--	**0.078 J**
JW-SB/SG04	JW-SB/SG04-35	04/04/2013	N	35	35.5	--	--	--	--	--	--	--	--	--	--	**0.025 J**
JW-SB/SG05	JW-SB/SG05-05	04/04/2013	N	5	5.5	--	--	--	--	--	--	--	--	--	--	**0.052 J**
JW-SB/SG05	JW-SB/SG05-15	04/04/2013	N	15	15.5	--	--	--	--	--	--	--	--	--	--	**0.076 J**
JW-SB/SG05	JW-SB/SG05-25	04/04/2013	N	25	25.5	--	--	--	--	--	--	--	--	--	--	**0.03 J**
JW-SB/SG05	JW-SB/SG05-35	04/04/2013	N	35	35.5	--	--	--	--	--	--	--	--	--	--	**0.031 J**
JW-SB/SG06	JW-SB/SG06-05	04/04/2013	N	5	5.5	--	--	--	--	--	--	--	--	--	--	**0.066 J**
JW-SB/SG06	JW-SB/SG06-06	04/04/2013	FD	6	6.5	--	--	--	--	--	--	--	--	--	--	**0.048 J**
JW-SB/SG06	JW-SB/SG06-15	04/04/2013	N	15	15.5	--	--	--	--	--	--	--	--	--	--	**0.053 J**
JW-SB/SG06	JW-SB/SG06-25	04/04/2013	N	25	25.5	--	--	--	--	--	--	--	--	--	--	**0.073 J**
JW-SB/SG06	JW-SB/SG06-35	04/04/2013	N	35	35.5	--	--	--	--	--	--	--	--	--	--	**0.019 J**
JW-SB/SG07	JW-SB07-0.5	03/12/2015	N	0.5	0.5	**34.8**	**86**	**311**	**13.8**	**0.13 J**	<0.39	**0.16 J**	**29.8**	**126**	--	**0.061 J**
JW-SB/SG07	JW-SB07-2	03/12/2015	N	2	2	**8.5**	**11.5**	**106**	**4**	**0.071 J**	<0.36	**0.057 J**	**11.2**	**33.3**	--	**0.038 J**
JW-SB/SG07	JW-SB07-5	03/12/2015	N	5	5	**19**	**5**	**398**	**13.9**	**0.04 J**	<0.39	**0.2 J**	**39.8**	**61.4**	--	**0.039 J**
JW-SB/SG07	JW-SB07-6	03/12/2015	FD	5	5	**21.2**	**8.2**	**401**	**14.6**	<2.1	<0.43	**0.22 J**	**41**	**69.6**	--	**0.061 J**
JW-SB/SG07	JW-SB07-15	03/12/2015	N	15	15	**27.5**	**5.8**	**493**	**19.5**	<2.1	<0.43	**0.28 J**	**51**	**84.7**	--	**0.048 J**
JW-SB/SG07	JW-SB07-25	03/12/2015	N	25	25	**29**	**5.8**	**488**	**20.3**	**0.17 J**	<0.44	**0.25 J**	**49.1**	**82.2**	--	**0.052 J**

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

						PCBs by SW8082 (in ug/kg)								
Location ID	**Sample ID**	**Sample Date**	**Sample Type**	**Top Sample Depth**	**Bottom Sample Depth**	**PCB-1016 (Arochlor 1016)**	**PCB-1221 (Arochlor 1221)**	**PCB-1232 (Arochlor 1232)**	**PCB-1242 (Arochlor 1242)**	**PCB-1248 (Arochlor 1248)**	**PCB-1254 (Arochlor 1254)**	**PCB-1260 (Arochlor 1260)**	**PCB-1262 (Arochlor 1262)**	**PCB-1268 (Arochlor 1268)**
JW-SB/SG01	JW-SB/SG01-05	04/09/2013	N	5	5.5	<36	<36	<36	<36	<36	<36	<36	<36	<36
JW-SB/SG01	JW-SB/SG01-06	04/09/2013	FD	6	6.5	<37	<37	<37	<37	<37	<37	<37	<37	<37
JW-SB/SG01	JW-SB/SG01-15	04/09/2013	N	15	15.5	<43	<43	<43	<43	<43	<43	<43	<43	<43
JW-SB/SG01	JW-SB/SG01-25	04/09/2013	N	25	25.5	<43	<43	<43	<43	<43	<43	<43	<43	<43
JW-SB/SG01	JW-SB/SG01-35	04/09/2013	N	35	35.5	<35	<35	<35	<35	<35	<35	<35	<35	<35
JW-SB/SG02	JW-SB/SG02-05	04/09/2013	N	5	5.5	<36	<36	<36	<36	<36	<36	<36	<36	<36
JW-SB/SG02	JW-SB/SG02-15	04/09/2013	N	15	15.5	<41	<41	<41	<41	<41	<41	<41	<41	<41
JW-SB/SG02	JW-SB/SG02-25	04/09/2013	N	25	25.5	<42	<42	<42	<42	<42	<42	<42	<42	<42
JW-SB/SG02	JW-SB/SG02-35	04/09/2013	N	35	35.5	<36	<36	<36	<36	<36	<36	<36	<36	<36
JW-SB/SG03	JW-SB/SG03-05	04/04/2013	N	5	5.5	<37	<37	<37	<37	<37	<37	<37	<37	<37
JW-SB/SG03	JW-SB/SG03-16	04/04/2013	FD	6	6.5	--	--	--	--	--	--	--	--	--
JW-SB/SG03	JW-SB/SG03-15	04/04/2013	N	15	15.5	<44	<44	<44	<44	<44	<44	<44	<44	<44
JW-SB/SG03	JW-SB/SG03-16	04/04/2013	FD	16	16.5	<37	<37	<37	<37	<37	<37	<37	<37	<37
JW-SB/SG03	JW-SB/SG03-25	04/04/2013	N	25	25.5	<42	<42	<42	<42	<42	<42	<42	<42	<42
JW-SB/SG03	JW-SB/SG03-35	04/04/2013	N	35	35.5	<42	<42	<42	<42	<42	<42	<42	<42	<42
JW-SB/SG04	JW-SB/SG04-05	04/04/2013	N	5	5.5	<37	<37	<37	<37	<37	<37	<37	<37	<37
JW-SB/SG04	JW-SB/SG04-15	04/04/2013	N	15	15.5	<41	<41	<41	<41	<41	<41	<41	<41	<41
JW-SB/SG04	JW-SB/SG04-25	04/04/2013	N	25	25.5	<43	<43	<43	<43	<43	<43	<43	<43	<43
JW-SB/SG04	JW-SB/SG04-35	04/04/2013	N	35	35.5	<35	<35	<35	<35	<35	<35	<35	<35	<35
JW-SB/SG05	JW-SB/SG05-05	04/04/2013	N	5	5.5	<39	<39	<39	<39	<39	<39	<39	<39	<39
JW-SB/SG05	JW-SB/SG05-15	04/04/2013	N	15	15.5	<40	<40	<40	<40	<40	<40	<40	<40	<40
JW-SB/SG05	JW-SB/SG05-25	04/04/2013	N	25	25.5	<42	<42	<42	<42	<42	<42	<42	<42	<42
JW-SB/SG05	JW-SB/SG05-35	04/04/2013	N	35	35.5	<37	<37	<37	<37	<37	<37	<37	<37	<37
JW-SB/SG06	JW-SB/SG06-05	04/04/2013	N	5	5.5	<38	<38	<38	<38	<38	<38	<38	<38	<38
JW-SB/SG06	JW-SB/SG06-06	04/04/2013	FD	6	6.5	<38	<38	<38	<38	<38	<38	<38	<38	<38
JW-SB/SG06	JW-SB/SG06-15	04/04/2013	N	15	15.5	<43	<43	<43	<43	<43	<43	<43	<43	<43
JW-SB/SG06	JW-SB/SG06-25	04/04/2013	N	25	25.5	<44	<44	<44	<44	<44	<44	<44	<44	<44
JW-SB/SG06	JW-SB/SG06-35	04/04/2013	N	35	35.5	<34	<34	<34	<34	<34	<34	<34	<34	<34
JW-SB/SG07	JW-SB07-0.5	03/12/2015	N	0.5	0.5	<35	<35	<35	<35	<35	<35	**34 J**	<35	<35
JW-SB/SG07	JW-SB07-2	03/12/2015	N	2	2	<35	<35	<35	<35	<35	<35	<35	<35	<35
JW-SB/SG07	JW-SB07-5	03/12/2015	N	5	5	<38	<38	<38	<38	<38	<38	<38	<38	<38
JW-SB/SG07	JW-SB07-6	03/12/2015	FD	5	5	<37	<37	<37	<37	<37	<37	<37	<37	<37
JW-SB/SG07	JW-SB07-15	03/12/2015	N	15	15	<41	<41	<41	<41	<41	<41	<41	<41	<41
JW-SB/SG07	JW-SB07-25	03/12/2015	N	25	25	<41	<41	<41	<41	<41	<41	<41	<41	<41

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Volatiles (in ug/kg)																										
						1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,4-Dioxane (p-Dioxane)	2-Butanone (MEK)	2-Hexanone	4-Methyl-2-pentanone (MIBK)	Acetone	Benzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon Disulfide	Carbon Tetrachloride
JW-SB/SG07	JW-SB07-35	03/12/2015	N	35	35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG08	JW-SB08-0.5	03/12/2015	N	0.5	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG08	JW-SB08-2	03/12/2015	N	2	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG08	JW-SB08-5	03/12/2015	N	5	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG08	JW-SB08-15	03/12/2015	N	15	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG08	JW-SB08-25	03/12/2015	N	25	25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG08	JW-SB08-35	03/12/2015	N	35	35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG09	JW-SB09-0.5	03/09/2015	N	0.5	0.5	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	R	<9.5	<9.5	<9.5	**6.6 J**	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
JW-SB/SG09	JW-SB09-2	03/09/2015	N	2	2	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	R	<11	<11	<11	**7.8 J**	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
JW-SB/SG09	JW-SB09-5	03/09/2015	N	5	5	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	R	<9.9	<9.9	<9.9	**5.2 J**	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
JW-SB/SG09	JW-SB09-15	03/09/2015	N	15	15	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	R	<11	<11	<11	**4.5 J**	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3
JW-SB/SG09	JW-SB09-16	03/09/2015	FD	15	15	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	R	<12	<12	<12	**7.4 J**	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8
JW-SB/SG09	JW-SB09-25	03/09/2015	N	25	25	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	R	<11	<11	<11	**6.2 J**	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4
JW-SB/SG09	JW-SB09-35	03/09/2015	N	35	35	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	R	<11	<11	<11	**5.8 J**	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3
JW-SB/SG10	JW-SB10-0.5	03/11/2015	N	0.5	0.5	<4.8	R	<4.8	<4.8	R	<4.8	<4.8	<4.8	<4.8	R	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	R	<9.7	<9.7	<9.7	<9.7	<4.8	R	<4.8	R	<4.8	<4.8	<4.8
JW-SB/SG10	JW-SB10-2	03/11/2015	N	2	2	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	R	<11	<11	<11	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
JW-SB/SG10	JW-SB10-5	03/11/2015	N	5	5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	R	<9.5	<9.5	<9.5	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
JW-SB/SG10	JW-SB10-15	03/11/2015	N	15	15	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	R	<11	<11	<11	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6
JW-SB/SG10	JW-SB10-25	03/11/2015	N	25	25	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	R	<11	<11	<11	<11	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3
JW-SB/SG10	JW-SB10-35	03/11/2015	N	35	35	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	R	<10	<10	<10	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1
JW-SB/SG11	JW-SB11-0.5	03/09/2015	N	0.5	0.5	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	R	<12	<12	<12	**6.9 J**	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8
JW-SB/SG11	JW-SB11-0.6	03/09/2015	FD	0.5	0.5	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	R	<11	<11	<11	**3.9 J**	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7
JW-SB/SG11	JW-SB11-2	03/09/2015	N	2	2	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	R	<13	<13	<13	**6.5 J**	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3
JW-SB/SG11	JW-SB11-5	03/09/2015	N	5	5	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	R	<11	<11	<11	**7.1 J**	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4
JW-SB/SG11	JW-SB11-6	03/09/2015	FD	5	5	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	R	<11	<11	<11	**7.3 J**	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4
JW-SB/SG11	JW-SB11-15	03/09/2015	N	15	15	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	R	<11	<11	<11	**6.6 J**	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3
JW-SB/SG11	JW-SB11-25	03/09/2015	N	25	25	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	R	<10	<10	<10	**9.2 J**	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2
JW-SB/SG11	JW-SB11-35	03/09/2015	N	35	35	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	R	<9.9	<9.9	<9.9	**6.5 J**	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
JW-SB/SG12	JW-SB12-0.5	03/16/2015	N	0.5	0.5	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	<9.1	<9.1	**2.4 J**	**83 J**	R	R	R	R	<4.5	<4.5	R
JW-SB/SG12	JW-SB12-2	03/16/2015	N	2	2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	R	<10	<10	<10	<10	<5	<5	<5	<5	<5	<5	<5
JW-SB/SG12	JW-SB12-5	03/16/2015	N	5	5	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	R	<10	<10	<10	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1
JW-SB/SG12	JW-SB12-6	03/16/2015	FD	5	5	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	R	<9.2	<9.2	<9.2	<9.2	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6
JW-SB/SG12	JW-SB12-15	03/16/2015	N	15	15	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	R	<11	<11	<11	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7
JW-SB/SG12	JW-SB12-25	03/16/2015	N	25	25	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	R	<10	<10	<10	<10	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Volatiles (in ug/kg)																							
						Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethylene	cis-1,3-Dichloropropene	Cyclohexane	Dibromochloromethane	Dichlorodifluoromethane	Ethylbenzene	Isopropylbenzene (Cumene)	m,p-Xylene	Methyl Acetate	Methylcyclohexane	Methylene Chloride	o-Xylene	Styrene	tert-Butyl Methyl Ether (MTBE)	Tetrachloroethene (PCE)	Toluene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Vinyl Chloride
JW-SB/SG07	JW-SB07-35	03/12/2015	N	35	35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG08	JW-SB08-0.5	03/12/2015	N	0.5	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG08	JW-SB08-2	03/12/2015	N	2	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG08	JW-SB08-5	03/12/2015	N	5	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG08	JW-SB08-15	03/12/2015	N	15	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG08	JW-SB08-25	03/12/2015	N	25	25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG08	JW-SB08-35	03/12/2015	N	35	35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG09	JW-SB09-0.5	03/09/2015	N	0.5	0.5	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	**0.66 J**	<4.7	<4.7	<4.7	<4.7	<4.7
JW-SB/SG09	JW-SB09-2	03/09/2015	N	2	2	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	**0.67 J**	<5.5	<5.5	<5.5	<5.5	<5.5
JW-SB/SG09	JW-SB09-5	03/09/2015	N	5	5	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
JW-SB/SG09	JW-SB09-15	03/09/2015	N	15	15	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	**1.5 J**	<5.3	<5.3
JW-SB/SG09	JW-SB09-16	03/09/2015	FD	15	15	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	**8.8**	<5.8	<5.8
JW-SB/SG09	JW-SB09-25	03/09/2015	N	25	25	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	**11**	<5.4	<5.4
JW-SB/SG09	JW-SB09-35	03/09/2015	N	35	35	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	**9.4**	<5.3	<5.3
JW-SB/SG10	JW-SB10-0.5	03/11/2015	N	0.5	0.5	<4.8	<4.8	**38 J**	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	**8.5 J**	<4.8	<4.8
JW-SB/SG10	JW-SB10-2	03/11/2015	N	2	2	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
JW-SB/SG10	JW-SB10-5	03/11/2015	N	5	5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
JW-SB/SG10	JW-SB10-15	03/11/2015	N	15	15	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	**3.1 J**	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6
JW-SB/SG10	JW-SB10-25	03/11/2015	N	25	25	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	**1.9 J**	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3
JW-SB/SG10	JW-SB10-35	03/11/2015	N	35	35	<5.1	<5.1	**2.5 J**	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1
JW-SB/SG11	JW-SB11-0.5	03/09/2015	N	0.5	0.5	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8
JW-SB/SG11	JW-SB11-0.6	03/09/2015	FD	0.5	0.5	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7
JW-SB/SG11	JW-SB11-2	03/09/2015	N	2	2	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3
JW-SB/SG11	JW-SB11-5	03/09/2015	N	5	5	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	**0.87 J**	<5.4	<5.4
JW-SB/SG11	JW-SB11-6	03/09/2015	FD	5	5	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	**0.5 J**	<5.4	<5.4	<5.4	<5.4	<5.4
JW-SB/SG11	JW-SB11-15	03/09/2015	N	15	15	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	**0.46 J**	<5.3	<5.3
JW-SB/SG11	JW-SB11-25	03/09/2015	N	25	25	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	**3.9 J**	<5.2	<5.2
JW-SB/SG11	JW-SB11-35	03/09/2015	N	35	35	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	**10**	<4.9	<4.9
JW-SB/SG12	JW-SB12-0.5	03/16/2015	N	0.5	0.5	R	<4.5	**21 J**	R	R	R	R	R	<4.5	R	R	R	R	R	R	R	R	R	**7.7 J**	R	R	R	**2 J**	R	<4.5
JW-SB/SG12	JW-SB12-2	03/16/2015	N	2	2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	**0.68 J**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
JW-SB/SG12	JW-SB12-5	03/16/2015	N	5	5	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	**0.46 J**	<5.1	<5.1	<5.1	<5.1	<5.1
JW-SB/SG12	JW-SB12-6	03/16/2015	FD	5	5	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	**0.49 J**	<4.6	<4.6	<4.6	<4.6	<4.6
JW-SB/SG12	JW-SB12-15	03/16/2015	N	15	15	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7
JW-SB/SG12	JW-SB12-25	03/16/2015	N	25	25	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Semivolatiles (in ug/kg)																								
						1,2,4,5-Tetrachlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Chloronaphthalene	2-Chlorophenol	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	2-Nitroaniline	2-Nitrophenol	3,3'-Dichlorobenzidine	3-Nitroaniline	4,6-Dinitro-2-Methylphenol	4-Bromophenyl phenyl ether	4-Chloro-3-Methylphenol	4-Chloroaniline	4-Chlorophenyl Phenyl Ether	4-Methylphenol (p-Cresol)	4-Nitroaniline	4-Nitrophenol
JW-SB/SG07	JW-SB07-35	03/12/2015	N	35	35	<190	<190	<190	<190	<190	<190	<360	<190	<190	<190	<190	<190	<190	<360	<190	<190	<360	<360	<190	<190	<190	<190	<190	<360	<360
JW-SB/SG08	JW-SB08-0.5	03/12/2015	N	0.5	0.5	<190	<190	<190	<190	<190	<190	<360	<190	<190	<190	<190	<190	<190	<360	<190	<190	<360	<360	<190	<190	<190	<190	<190	<360	<360
JW-SB/SG08	JW-SB08-2	03/12/2015	N	2	2	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	<180	<180	<180	<350	<180	<180	<350	<350	<180	<180	<180	<180	<180	<350	<350
JW-SB/SG08	JW-SB08-5	03/12/2015	N	5	5	<190	<190	<190	<190	<190	<190	<370	<190	<190	<190	<190	<190	<190	<370	<190	<190	<370	<370	<190	<190	<190	<190	<190	<370	<370
JW-SB/SG08	JW-SB08-15	03/12/2015	N	15	15	<210	<210	<210	<210	<210	<210	<410	<210	<210	<210	<210	<210	<210	<410	<210	<210	<410	<410	<210	<210	<210	<210	<210	<410	<410
JW-SB/SG08	JW-SB08-25	03/12/2015	N	25	25	<220	<220	<220	<220	<220	<220	<420	<220	<220	<220	<220	<220	<220	<420	<220	<220	<420	<420	<220	<220	<220	<220	<220	<420	<420
JW-SB/SG08	JW-SB08-35	03/12/2015	N	35	35	<220	<220	<220	<220	<220	<220	<430	<220	<220	<220	<220	<220	<220	<430	<220	<220	<430	<430	<220	<220	<220	<220	<220	<430	<430
JW-SB/SG09	JW-SB09-0.5	03/09/2015	N	0.5	0.5	<1800	<1800	<1800	<1800	<1800	<1800	<3500	<1800	<1800	<1800	<1800	<1800	<1800	<3500	<1800	<1800	<3500	<3500	<1800	<1800	<1800	<1800	<1800	<3500	<3500
JW-SB/SG09	JW-SB09-2	03/09/2015	N	2	2	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	<180	<180	<180	<350	<180	<180	<350	<350	<180	<180	<180	<180	<180	<350	<350
JW-SB/SG09	JW-SB09-5	03/09/2015	N	5	5	<200	<200	<200	<200	<200	<200	<380	<200	<200	<200	<200	<200	<200	<380	<200	<200	<380	<380	<200	<200	<200	<200	<200	<380	<380
JW-SB/SG09	JW-SB09-15	03/09/2015	N	15	15	<190	<190	<190	<190	<190	<190	<360	<190	<190	<190	<190	<190	<190	<360	<190	<190	<360	<360	<190	<190	<190	<190	<190	<360	<360
JW-SB/SG09	JW-SB09-16	03/09/2015	FD	15	15	<210	<210	<210	<210	<210	<210	<420	<210	<210	<210	<210	<210	<210	<420	<210	<210	<420	<420	<210	<210	<210	<210	<210	<420	<420
JW-SB/SG09	JW-SB09-25	03/09/2015	N	25	25	<210	<210	<210	<210	<210	<210	<410	<210	<210	<210	<210	<210	<210	<410	<210	<210	<410	<410	<210	<210	<210	<210	<210	<410	<410
JW-SB/SG09	JW-SB09-35	03/09/2015	N	35	35	<180	<180	<180	<180	<180	<180	<360	<180	<180	<180	<180	<180	<180	<360	<180	<180	<360	<360	<180	<180	<180	<180	<180	<360	<360
JW-SB/SG10	JW-SB10-0.5	03/11/2015	N	0.5	0.5	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	<180	<180	<180	<350	<180	<180	<350	<350	<180	<180	<180	<180	<180	<350	<350
JW-SB/SG10	JW-SB10-2	03/11/2015	N	2	2	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	<180	<180	<180	<350	<180	<180	<350	<350	<180	<180	<180	<180	<180	<350	<350
JW-SB/SG10	JW-SB10-5	03/11/2015	N	5	5	<190	<190	<190	<190	<190	<190	<360	<190	<190	<190	<190	<190	<190	<360	<190	<190	<360	<360	<190	<190	<190	<190	<190	<360	<360
JW-SB/SG10	JW-SB10-15	03/11/2015	N	15	15	<210	<210	<210	<210	<210	<210	<420	<210	<210	<210	<210	<210	<210	<420	<210	<210	<420	<420	<210	<210	<210	<210	<210	<420	<420
JW-SB/SG10	JW-SB10-25	03/11/2015	N	25	25	<210	<210	<210	<210	<210	<210	<420	<210	<210	<210	<210	<210	<210	<420	<210	<210	<420	<420	<210	<210	<210	<210	<210	<420	<420
JW-SB/SG10	JW-SB10-35	03/11/2015	N	35	35	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	<180	<180	<180	<350	<180	<180	<350	<350	<180	<180	<180	<180	<180	<350	<350
JW-SB/SG11	JW-SB11-0.5	03/09/2015	N	0.5	0.5	<180	<180	<180	<180	<180	<180	<360	<180	<180	<180	<180	<180	<180	<360	<180	<180	<360	<360	<180	<180	<180	<180	<180	<360	<360
JW-SB/SG11	JW-SB11-0.6	03/09/2015	FD	0.5	0.5	<180	<180	<180	<180	<180	<180	<360	<180	<180	<180	<180	<180	<180	<360	<180	<180	<360	<360	<180	<180	<180	<180	<180	<360	<360
JW-SB/SG11	JW-SB11-2	03/09/2015	N	2	2	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	<180	<180	<180	<350	<180	<180	<350	<350	<180	<180	<180	<180	<180	<350	<350
JW-SB/SG11	JW-SB11-5	03/09/2015	N	5	5	<200	<200	<200	<200	<200	<200	<380	<200	<200	<200	<200	<200	<200	<380	<200	<200	<380	<380	<200	<200	<200	<200	<200	<380	<380
JW-SB/SG11	JW-SB11-6	03/09/2015	FD	5	5	<190	<190	<190	<190	<190	<190	<380	<190	<190	<190	<190	<190	<190	<380	<190	<190	<380	<380	<190	<190	<190	<190	<190	<380	<380
JW-SB/SG11	JW-SB11-15	03/09/2015	N	15	15	<210	<210	<210	<210	<210	<210	<400	<210	<210	<210	<210	<210	<210	<400	<210	<210	<400	<400	<210	<210	<210	<210	<210	<400	<400
JW-SB/SG11	JW-SB11-25	03/09/2015	N	25	25	<200	<200	<200	<200	<200	<200	<390	<200	<200	<200	<200	<200	<200	<390	<200	<200	<390	<390	<200	<200	<200	<200	<200	<390	<390
JW-SB/SG11	JW-SB11-35	03/09/2015	N	35	35	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	<180	<180	<180	<350	<180	<180	<350	<350	<180	<180	<180	<180	<180	<350	<350
JW-SB/SG12	JW-SB12-0.5	03/16/2015	N	0.5	0.5	<180	<180	<180	<180	<180	<180	<360	<180	<180	<180	<180	<180	<180	<360	<180	<180	<360	<360	<180	<180	<180	<180	<180	<360	<360
JW-SB/SG12	JW-SB12-2	03/16/2015	N	2	2	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	<180	<180	<180	<350	<180	<180	<350	<350	<180	<180	<180	<180	<180	<350	<350
JW-SB/SG12	JW-SB12-5	03/16/2015	N	5	5	<190	<190	<190	<190	<190	<190	<370	<190	<190	<190	<190	<190	<190	<370	<190	<190	<370	<370	<190	<190	<190	<190	<190	<370	<370
JW-SB/SG12	JW-SB12-6	03/16/2015	FD	5	5	<190	<190	<190	<190	<190	<190	<360	<190	<190	<190	<190	<190	<190	<360	<190	<190	<360	<360	<190	<190	<190	<190	<190	<360	<360
JW-SB/SG12	JW-SB12-15	03/16/2015	N	15	15	<220	<220	<220	<220	<220	<220	<420	<220	<220	<220	<220	<220	<220	<420	<220	<220	<420	<420	<220	<220	<220	<220	<220	<420	<420
JW-SB/SG12	JW-SB12-25	03/16/2015	N	25	25	<220	<220	<220	<220	<220	<220	<420	<220	<220	<220	<220	<220	<220	<420	<220	<220	<420	<420	<220	<220	<220	<220	<220	<420	<420

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Semivolatiles (in ug/kg)																								
						Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benzaldehyde	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzyl butyl phthalate	Biphenyl (Diphenyl)	bis(2-Chloroethoxy) Methane	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	bis(2-Chloroisopropyl) Ether	bis(2-Ethylhexyl) Phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Diethyl Phthalate	Dimethyl Phthalate	Di-n-Butyl Phthalate
JW-SB/SG07	JW-SB07-35	03/12/2015	N	35	35	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190
JW-SB/SG08	JW-SB08-0.5	03/12/2015	N	0.5	0.5	<190	<190	**48 J**	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190
JW-SB/SG08	JW-SB08-2	03/12/2015	N	2	2	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG08	JW-SB08-5	03/12/2015	N	5	5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190
JW-SB/SG08	JW-SB08-15	03/12/2015	N	15	15	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210
JW-SB/SG08	JW-SB08-25	03/12/2015	N	25	25	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220
JW-SB/SG08	JW-SB08-35	03/12/2015	N	35	35	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220
JW-SB/SG09	JW-SB09-0.5	03/09/2015	N	0.5	0.5	<1800	<1800	<1800	<1800	<1800	<1800	<1800	<1800	<1800	<1800	<1800	<1800	<1800	<1800	<1800	<1800	<1800	<1800	<1800	<1800	<1800	<1800	<1800	<1800	<1800
JW-SB/SG09	JW-SB09-2	03/09/2015	N	2	2	<180	<180	<180	<180	<180	<180	<180	<180	**19 J**	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG09	JW-SB09-5	03/09/2015	N	5	5	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
JW-SB/SG09	JW-SB09-15	03/09/2015	N	15	15	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190
JW-SB/SG09	JW-SB09-16	03/09/2015	FD	15	15	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210
JW-SB/SG09	JW-SB09-25	03/09/2015	N	25	25	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210
JW-SB/SG09	JW-SB09-35	03/09/2015	N	35	35	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG10	JW-SB10-0.5	03/11/2015	N	0.5	0.5	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	**140 J**	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG10	JW-SB10-2	03/11/2015	N	2	2	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	**360**	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG10	JW-SB10-5	03/11/2015	N	5	5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190
JW-SB/SG10	JW-SB10-15	03/11/2015	N	15	15	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210
JW-SB/SG10	JW-SB10-25	03/11/2015	N	25	25	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210
JW-SB/SG10	JW-SB10-35	03/11/2015	N	35	35	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG11	JW-SB11-0.5	03/09/2015	N	0.5	0.5	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	**610**	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG11	JW-SB11-0.6	03/09/2015	FD	0.5	0.5	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	**94 J**	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG11	JW-SB11-2	03/09/2015	N	2	2	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG11	JW-SB11-5	03/09/2015	N	5	5	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
JW-SB/SG11	JW-SB11-6	03/09/2015	FD	5	5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190
JW-SB/SG11	JW-SB11-15	03/09/2015	N	15	15	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210
JW-SB/SG11	JW-SB11-25	03/09/2015	N	25	25	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
JW-SB/SG11	JW-SB11-35	03/09/2015	N	35	35	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG12	JW-SB12-0.5	03/16/2015	N	0.5	0.5	<180	<180	<180	<180	<180	<180	<180	R	R	R	R	<180	<180	<180	<180	<180	<180	<180	<180	<180	R	<180	<180	<180	<180
JW-SB/SG12	JW-SB12-2	03/16/2015	N	2	2	<180	<180	<180	<180	<180	<180	**31 J**	**36 J**	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	**36 J**	<180	<180	<180	<180	<180
JW-SB/SG12	JW-SB12-5	03/16/2015	N	5	5	<190	<190	**43 J**	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	**110 J**	<190	<190	<190	<190	<190	<190	<190	<190
JW-SB/SG12	JW-SB12-6	03/16/2015	FD	5	5	<190	<190	**43 J**	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190
JW-SB/SG12	JW-SB12-15	03/16/2015	N	15	15	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220
JW-SB/SG12	JW-SB12-25	03/16/2015	N	25	25	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Di-n-Octylphthalate	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-c,d)pyrene	Isophorone	Naphthalene	Nitrobenzene	n-Nitrosodi-n-propylamine	n-Nitrosodiphenylamine	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Metals by E200.7 (in mg/kg)						
																							Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium
JW-SB/SG07	JW-SB07-35	03/12/2015	N	35	35	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<360	<190	<190	<190	**8,460**	--	--	--	--	--	**4,710**
JW-SB/SG08	JW-SB08-0.5	03/12/2015	N	0.5	0.5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<360	<190	<190	<190	**10,200**	--	--	--	--	--	**8,530**
JW-SB/SG08	JW-SB08-2	03/12/2015	N	2	2	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	**9,390**	--	--	--	--	--	**4,510**
JW-SB/SG08	JW-SB08-5	03/12/2015	N	5	5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<370	<190	<190	<190	**13,800**	--	--	--	--	--	**7,220**
JW-SB/SG08	JW-SB08-15	03/12/2015	N	15	15	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<410	<210	<210	<210	**14,000**	--	--	--	--	--	**8,910**
JW-SB/SG08	JW-SB08-25	03/12/2015	N	25	25	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<420	<220	<220	<220	**17,800**	--	--	--	--	--	**13,900**
JW-SB/SG08	JW-SB08-35	03/12/2015	N	35	35	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<430	<220	<220	<220	**8,600**	--	--	--	--	--	**5,590**
JW-SB/SG09	JW-SB09-0.5	03/09/2015	N	0.5	0.5	<1800	<1800	<1800	<1800	<1800	<1800	<1800	<1800	<1800	<1800	<1800	<1800	<1800	<3500	<1800	<1800	<1800	**9,260**	--	--	--	--	--	**4,680**
JW-SB/SG09	JW-SB09-2	03/09/2015	N	2	2	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	**7,180**	--	--	--	--	--	**4,410**
JW-SB/SG09	JW-SB09-5	03/09/2015	N	5	5	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<380	<200	<200	<200	**12,600**	--	--	--	--	--	**6,490**
JW-SB/SG09	JW-SB09-15	03/09/2015	N	15	15	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<360	<190	<190	<190	**16,400**	--	--	--	--	--	**6,980**
JW-SB/SG09	JW-SB09-16	03/09/2015	FD	15	15	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<420	<210	<210	<210	**9,640**	--	--	--	--	--	**5,600**
JW-SB/SG09	JW-SB09-25	03/09/2015	N	25	25	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<410	<210	<210	<210	**16,800**	--	--	--	--	--	**14,200**
JW-SB/SG09	JW-SB09-35	03/09/2015	N	35	35	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<360	<180	<180	<180	**7,830**	--	--	--	--	--	**5,010**
JW-SB/SG10	JW-SB10-0.5	03/11/2015	N	0.5	0.5	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	**11,200**	--	--	--	--	--	**17,900**
JW-SB/SG10	JW-SB10-2	03/11/2015	N	2	2	<180	**35 J**	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	**9,540**	--	--	--	--	--	**5,780**
JW-SB/SG10	JW-SB10-5	03/11/2015	N	5	5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<360	<190	<190	<190	**14,600**	--	--	--	--	--	**7,630**
JW-SB/SG10	JW-SB10-15	03/11/2015	N	15	15	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<420	<210	<210	<210	**17,800**	--	--	--	--	--	**9,710**
JW-SB/SG10	JW-SB10-25	03/11/2015	N	25	25	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<420	<210	<210	<210	**19,700**	--	--	--	--	--	**17,200**
JW-SB/SG10	JW-SB10-35	03/11/2015	N	35	35	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	**7,360**	--	--	--	--	--	**3,700**
JW-SB/SG11	JW-SB11-0.5	03/09/2015	N	0.5	0.5	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<360	<180	<180	<180	**7,910**	--	--	--	--	--	**4,330**
JW-SB/SG11	JW-SB11-0.6	03/09/2015	FD	0.5	0.5	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<360	<180	<180	<180	**7,900**	--	--	--	--	--	**4,390**
JW-SB/SG11	JW-SB11-2	03/09/2015	N	2	2	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	**6,410**	--	--	--	--	--	**3,280**
JW-SB/SG11	JW-SB11-5	03/09/2015	N	5	5	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<380	<200	<200	<200	**13,700**	--	--	--	--	--	**7,090**
JW-SB/SG11	JW-SB11-6	03/09/2015	FD	5	5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<380	<190	<190	<190	**13,900**	--	--	--	--	--	**7,260**
JW-SB/SG11	JW-SB11-15	03/09/2015	N	15	15	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<400	<210	<210	<210	**20,000**	--	--	--	--	--	**19,400**
JW-SB/SG11	JW-SB11-25	03/09/2015	N	25	25	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<390	<200	<200	<200	**15,700**	--	--	--	--	--	**10,500**
JW-SB/SG11	JW-SB11-35	03/09/2015	N	35	35	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	**7,690**	--	--	--	--	--	**3,800**
JW-SB/SG12	JW-SB12-0.5	03/16/2015	N	0.5	0.5	R	<180	<180	<180	<180	<180	<180	R	<180	<180	<180	<180	<180	<360	<180	<180	<180	**6,260**	--	--	--	--	--	**6,780**
JW-SB/SG12	JW-SB12-2	03/16/2015	N	2	2	<180	**57 J**	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	**7,590**	--	--	--	--	--	**4,380**
JW-SB/SG12	JW-SB12-5	03/16/2015	N	5	5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<370	<190	<190	<190	**13,700**	--	--	--	--	--	**7,110**
JW-SB/SG12	JW-SB12-6	03/16/2015	FD	5	5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<360	<190	<190	<190	**11,200**	--	--	--	--	--	**6,010**
JW-SB/SG12	JW-SB12-15	03/16/2015	N	15	15	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<420	<220	<220	<220	**17,100**	--	--	--	--	--	**12,300**
JW-SB/SG12	JW-SB12-25	03/16/2015	N	25	25	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<420	<220	<220	<220	**19,300**	--	--	--	--	--	**18,300**

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

							Metals by E200.7 (in mg/kg)														Metals by E200.8 (in mg/kg)						
Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt
JW-SB/SG07	JW-SB07-35	03/12/2015	N	35	35	--	--	--	15,600	--	5,020	--	--	2,890	--	--	496	--	--	--	<0.78	10.5	98.5	0.28 J	<0.39	11.3	6.6
JW-SB/SG08	JW-SB08-0.5	03/12/2015	N	0.5	0.5	--	--	--	17,300	--	5,490	--	--	4,000	--	--	393	--	--	--	<0.77	1.2	73.9	0.19 J	<0.39	9.1	4.5
JW-SB/SG08	JW-SB08-2	03/12/2015	N	2	2	--	--	--	16,400	--	5,300	--	--	4,020	--	--	278 J	--	--	--	<0.76	1.2	112	0.28 J	<0.38	12.1	7.3
JW-SB/SG08	JW-SB08-5	03/12/2015	N	5	5	--	--	--	22,000	--	6,920	--	--	4,370	--	--	445	--	--	--	<0.77	2	162	0.53	<0.39	19.6	10.9
JW-SB/SG08	JW-SB08-15	03/12/2015	N	15	15	--	--	--	21,900	--	7,430	--	--	4,550	--	--	737	--	--	--	<0.85	1.4	103	0.31 J	<0.42	12.3	6.4
JW-SB/SG08	JW-SB08-25	03/12/2015	N	25	25	--	--	--	27,800	--	10,100	--	--	5,750	--	--	2,110	--	--	--	<0.87	3	218	0.62	<0.44	27	14.4
JW-SB/SG08	JW-SB08-35	03/12/2015	N	35	35	--	--	--	14,900	--	5,010	--	--	2,720	--	--	635	--	--	--	<0.81	6.9	90.6	0.26 J	<0.4	10	6.2
JW-SB/SG09	JW-SB09-0.5	03/09/2015	N	0.5	0.5	--	--	--	18,500	--	5,140	--	--	3,100	--	--	306 J	--	--	--	<0.76	1.9	93.6	0.26 J	0.26 J	12.1	6 J
JW-SB/SG09	JW-SB09-2	03/09/2015	N	2	2	--	--	--	14,900	--	3,950	--	--	2,810	--	--	201 J	--	--	--	<0.73	0.67	66.2	0.19 J	0.19 J	8.4	4.5 J
JW-SB/SG09	JW-SB09-5	03/09/2015	N	5	5	--	--	--	22,300	--	6,170	--	--	4,340	--	--	307 J	--	--	--	<0.81	0.56	41.6	0.13 J	0.05 J	5	3.3 J
JW-SB/SG09	JW-SB09-15	03/09/2015	N	15	15	--	--	--	26,000	--	7,870	--	--	4,000	--	--	2,120	--	--	--	<0.91	2.6	148	0.59 J	0.17 J	18.6	10.2 J
JW-SB/SG09	JW-SB09-16	03/09/2015	FD	15	15	--	--	--	19,400	--	5,780	--	--	3,210	--	--	445	--	--	--	<0.78	1.5	94.3	0.24 J	0.096 J	11.2	6.5 J
JW-SB/SG09	JW-SB09-25	03/09/2015	N	25	25	--	--	--	25,400	--	8,670	--	--	4,070	--	--	2,250	--	--	--	<0.88	2.5	188	0.59 J	0.25 J	21.9	12.3 J
JW-SB/SG09	JW-SB09-35	03/09/2015	N	35	35	--	--	--	15,100	--	4,600	--	--	2,440	--	--	593	--	--	--	<0.79	10.1	81.3	0.19 J	0.046 J	7.4	5 J
JW-SB/SG10	JW-SB10-0.5	03/11/2015	N	0.5	0.5	--	--	--	19,500	--	6,520	--	--	3,790	--	--	456	--	--	--	<0.8	1.8	127	0.35 J	<0.4	15.8	7.9
JW-SB/SG10	JW-SB10-2	03/11/2015	N	2	2	--	--	--	17,600 J	--	5,350	--	--	3,920	--	--	283 J	--	--	--	<0.81	1.5	113	0.3 J	<0.4	13.8	6.7 J
JW-SB/SG10	JW-SB10-5	03/11/2015	N	5	5	--	--	--	24,800	--	7,480	--	--	4,500	--	--	459	--	--	--	<0.89	2	147	0.48	<0.44	21.4	9
JW-SB/SG10	JW-SB10-15	03/11/2015	N	15	15	--	--	--	28,800	--	10,600	--	--	6,070	--	--	1,880	--	--	--	<0.9	2.9	204	0.67	<0.45	27.7	13.4
JW-SB/SG10	JW-SB10-25	03/11/2015	N	25	25	--	--	--	30,700	--	11,300	--	--	5,810	--	--	2,410	--	--	--	<0.9	2.6	231	0.69	0.57	30.2	14.7
JW-SB/SG10	JW-SB10-35	03/11/2015	N	35	35	--	--	--	14,800	--	4,370	--	--	2,250	--	--	586	--	--	--	<0.78	9.4	78.6	0.26 J	<0.39	10.5	5.1
JW-SB/SG11	JW-SB11-0.5	03/09/2015	N	0.5	0.5	--	--	--	15,900	--	4,370	--	--	3,190	--	--	222 J	--	--	--	<0.8	0.72	69	0.16 J	0.087 J	7.8	4.8 J
JW-SB/SG11	JW-SB11-0.6	03/09/2015	FD	0.5	0.5	--	--	--	15,900	--	4,340	--	--	3,160	--	--	219 J	--	--	--	<0.78	0.64	66.1	0.16 J	0.073 J	7.2	4.4 J
JW-SB/SG11	JW-SB11-2	03/09/2015	N	2	2	--	--	--	12,900	--	3,480	--	--	2,460	--	--	173 J	--	--	--	<0.78	0.6	66.5	0.15 J	0.06 J	6.4	4.6 J
JW-SB/SG11	JW-SB11-5	03/09/2015	N	5	5	--	--	--	23,300	--	7,060	--	--	4,290	--	--	388 J	--	--	--	<0.86	1.8	121	0.41 J	0.16 J	15.8	9.9 J
JW-SB/SG11	JW-SB11-6	03/09/2015	FD	5	5	--	--	--	23,400	--	7,080	--	--	4,410	--	--	371 J	--	--	--	<0.83	1.7	113	0.39 J	0.16 J	15.2	9 J
JW-SB/SG11	JW-SB11-15	03/09/2015	N	15	15	--	--	--	30,600	--	11,100	--	--	6,100	--	--	714	--	--	--	<0.95	2.4	168	0.48 J	0.24 J	21.4	11.9 J
JW-SB/SG11	JW-SB11-25	03/09/2015	N	25	25	--	--	--	25,300	--	8,240	--	--	4,470	--	--	1,200	--	--	--	<0.86	1.3	93.3	0.32 J	0.12 J	13.2	5.7 J
JW-SB/SG11	JW-SB11-35	03/09/2015	N	35	35	--	--	--	14,800	--	4,400	--	--	2,490	--	--	562	--	--	--	<0.76	6.3	55.1	0.15 J	0.034 J	5.9	3 J
JW-SB/SG12	JW-SB12-0.5	03/16/2015	N	0.5	0.5	--	--	--	11,500	--	3,560	--	--	2,250	--	--	270 J	--	--	--	<0.8	1.4	93.5	0.26 J	0.12 J	11.6	8
JW-SB/SG12	JW-SB12-2	03/16/2015	N	2	2	--	--	--	15,500	--	4,320	--	--	3,020	--	--	319 J	--	--	--	<0.79	0.5	35.1	0.11 J	0.035 J	4.1	2.6
JW-SB/SG12	JW-SB12-5	03/16/2015	N	5	5	--	--	--	23,100	--	6,720	--	--	4,070	--	--	473	--	--	--	<0.77	1.8	142	0.48	0.18 J	17.8	11.9
JW-SB/SG12	JW-SB12-6	03/16/2015	FD	5	5	--	--	--	18,800	--	5,460	--	--	3,160	--	--	403	--	--	--	<0.81	1.9	150	0.48	0.2 J	19.1	12
JW-SB/SG12	JW-SB12-15	03/16/2015	N	15	15	--	--	--	27,600	--	10,400	--	--	5,560	--	--	2,210	--	--	--	<0.9	1.9	187	0.49	0.28 J	24.7	14.8
JW-SB/SG12	JW-SB12-25	03/16/2015	N	25	25	--	--	--	29,300	--	10,500	--	--	5,200	--	--	1,850	--	--	--	<0.92	2.5	208	0.6	0.38 J	27.4	16

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

						Metals by E200.8 (in mg/kg)									Metals by SW7196A (in mg/kg)	Metals by C245.5 (in mg/kg)
Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Copper	Lead	Manganese	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Chromium, Hexavalent	Mercury
JW-SB/SG07	JW-SB07-35	03/12/2015	N	35	35	12.2	2.4	266	8.9	0.14 J	<0.39	0.15 J	25.3	44.6	--	0.037 J
JW-SB/SG08	JW-SB08-0.5	03/12/2015	N	0.5	0.5	11.9	12.8	187	7	0.042 J	<0.39	0.099 J	18.8	47.5	--	0.12
JW-SB/SG08	JW-SB08-2	03/12/2015	N	2	2	12.3	3.7	271	9.9	0.031 J	<0.38	0.16 J	29.3	51.8	--	0.031 J
JW-SB/SG08	JW-SB08-5	03/12/2015	N	5	5	22.3	5.6	447	15.4	0.089 J	<0.39	0.22 J	43.4	72.1	--	0.1
JW-SB/SG08	JW-SB08-15	03/12/2015	N	15	15	14.9	4	255	10.1	<2.1	<0.42	0.14 J	26.7	52.6	--	0.046 J
JW-SB/SG08	JW-SB08-25	03/12/2015	N	25	25	31.8	6.1	575	21.8	0.28 J	<0.44	0.26 J	58.4	92.4	--	0.07 J
JW-SB/SG08	JW-SB08-35	03/12/2015	N	35	35	17.4	2.5	251	7.9	0.079 J	<0.4	0.13 J	33.2	41.4	--	0.068 J
JW-SB/SG09	JW-SB09-0.5	03/09/2015	N	0.5	0.5	32.7 J	22.6	277	10.7	0.045 J	0.055 J	0.12 J	26.7	62.8	--	0.051 J
JW-SB/SG09	JW-SB09-2	03/09/2015	N	2	2	8.7 J	3.1	197	6.3	<1.8	0.012 J	0.1 J	17.9	35.6	--	0.023 J
JW-SB/SG09	JW-SB09-5	03/09/2015	N	5	5	5.5 J	1.3	121	3.9	<2	0.0089 J	0.056 J	11.3	18.4	--	0.035 J
JW-SB/SG09	JW-SB09-15	03/09/2015	N	15	15	26.4 J	6.1	336	14.1	<2.3	0.038 J	0.2 J	49.6	68.2	--	0.079 J
JW-SB/SG09	JW-SB09-16	03/09/2015	FD	15	15	10.9 J	2.4	236	9	<2	0.0099 J	0.15 J	28.3	44.5	--	0.022 J
JW-SB/SG09	JW-SB09-25	03/09/2015	N	25	25	26.8 J	6.1	600	17.2	0.14 J	0.038 J	0.21 J	46.5	74.8	--	0.092 J
JW-SB/SG09	JW-SB09-35	03/09/2015	N	35	35	7.6 J	1.8	209	6.2	0.071 J	0.0096 J	0.11 J	19.6	33.1	--	0.042 J
JW-SB/SG10	JW-SB10-0.5	03/11/2015	N	0.5	0.5	17.9	8.4	356	13.4	0.093 J	<0.4	0.18 J	34.3	101	--	0.043 J
JW-SB/SG10	JW-SB10-2	03/11/2015	N	2	2	13.9	7.2 J	289	10.7	0.05 J	<0.4	0.17 J	31.1	58.2	--	0.048 J
JW-SB/SG10	JW-SB10-5	03/11/2015	N	5	5	20.6	5.2	389	15.7	0.12 J	<0.44	0.22 J	42.4	66	--	0.042 J
JW-SB/SG10	JW-SB10-15	03/11/2015	N	15	15	32.2	6.9	671	21.9	0.12 J	<0.45	0.3 J	58.1	92.6	--	0.054 J
JW-SB/SG10	JW-SB10-25	03/11/2015	N	25	25	39.4	5.9	627	23.7	0.85 J	<0.45	0.29 J	64.3	99.5	--	0.061 J
JW-SB/SG10	JW-SB10-35	03/11/2015	N	35	35	9.9	2.2	253	8.4	0.028 J	<0.39	0.13 J	25.3	39.6	--	0.032 J
JW-SB/SG11	JW-SB11-0.5	03/09/2015	N	0.5	0.5	8.4 J	3	187	6.1	0.046 J	0.011 J	0.1 J	18.2	34.6	--	0.022 J
JW-SB/SG11	JW-SB11-0.6	03/09/2015	FD	0.5	0.5	7.5 J	2.8	177	5.5	<1.9	0.01 J	0.099 J	17.4	31.8	--	0.031 J
JW-SB/SG11	JW-SB11-2	03/09/2015	N	2	2	6.3 J	1.7	173	5.1	<2	0.0091 J	0.095 J	16.7	29	--	0.026 J
JW-SB/SG11	JW-SB11-5	03/09/2015	N	5	5	18.3 J	4.4	411	12.6	0.052 J	0.031 J	0.18 J	36	59.7	--	0.039 J
JW-SB/SG11	JW-SB11-6	03/09/2015	FD	5	5	17.3 J	3.9	366	11.9	0.065 J	0.033 J	0.17 J	33.3	54.7	--	0.041 J
JW-SB/SG11	JW-SB11-15	03/09/2015	N	15	15	23.2 J	4.7	426	17.3	0.097 J	0.05 J	0.25 J	44.9	74.1	--	0.062 J
JW-SB/SG11	JW-SB11-25	03/09/2015	N	25	25	15.1 J	3.2	233	9.6	0.1 J	0.033 J	0.13 J	25.4	43.9	--	0.074 J
JW-SB/SG11	JW-SB11-35	03/09/2015	N	35	35	7.3 J	1.2	152	4.6	0.023 J	0.012 J	0.084 J	15.8	25.4	--	0.059 J
JW-SB/SG12	JW-SB12-0.5	03/16/2015	N	0.5	0.5	16.6	15.7	252	9.1	<2	<0.4	<0.4	25.7	49.8	--	0.029 J
JW-SB/SG12	JW-SB12-2	03/16/2015	N	2	2	4.4	1.7	113	3.2	<2	<0.39	<0.39	10.2	19.5	--	0.033 J
JW-SB/SG12	JW-SB12-5	03/16/2015	N	5	5	19.8	5.2	448	13.9	<1.9	<0.39	<0.39	40.4	67	--	0.052 J
JW-SB/SG12	JW-SB12-6	03/16/2015	FD	5	5	21	5.6	435	14.6	<2	<0.4	<0.4	42	72.2	--	0.033 J
JW-SB/SG12	JW-SB12-15	03/16/2015	N	15	15	23.8	4.6	524	18.8	<2.2	<0.45	<0.45	51.3	86.5	--	0.043 J
JW-SB/SG12	JW-SB12-25	03/16/2015	N	25	25	30.1	5.8	587	21.5	<2.3	<0.46	<0.46	53.8	89.3	--	0.13

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	PCBs by SW8082 (in ug/kg)								
						PCB-1016 (Arochlor 1016)	PCB-1221 (Arochlor 1221)	PCB-1232 (Arochlor 1232)	PCB-1242 (Arochlor 1242)	PCB-1248 (Arochlor 1248)	PCB-1254 (Arochlor 1254)	PCB-1260 (Arochlor 1260)	PCB-1262 (Arochlor 1262)	PCB-1268 (Arochlor 1268)
JW-SB/SG07	JW-SB07-35	03/12/2015	N	35	35	<36	<36	<36	<36	<36	<36	<36	<36	<36
JW-SB/SG08	JW-SB08-0.5	03/12/2015	N	0.5	0.5	<36	<36	<36	<36	<36	<36	<36	<36	<36
JW-SB/SG08	JW-SB08-2	03/12/2015	N	2	2	<35	<35	<35	<35	<35	<35	<35	<35	<35
JW-SB/SG08	JW-SB08-5	03/12/2015	N	5	5	<37	<37	<37	<37	<37	<37	<37	<37	<37
JW-SB/SG08	JW-SB08-15	03/12/2015	N	15	15	<41	<41	<41	<41	<41	<41	<41	<41	<41
JW-SB/SG08	JW-SB08-25	03/12/2015	N	25	25	<42	<42	<42	<42	<42	<42	<42	<42	<42
JW-SB/SG08	JW-SB08-35	03/12/2015	N	35	35	<43	<43	<43	<43	<43	<43	<43	<43	<43
JW-SB/SG09	JW-SB09-0.5	03/09/2015	N	0.5	0.5	<35	<35	<35	<35	<35	<35	<35	<35	<35
JW-SB/SG09	JW-SB09-2	03/09/2015	N	2	2	<35	<35	<35	<35	<35	<35	<35	<35	<35
JW-SB/SG09	JW-SB09-5	03/09/2015	N	5	5	<38	<38	<38	<38	<38	<38	<38	<38	<38
JW-SB/SG09	JW-SB09-15	03/09/2015	N	15	15	<36	<36	<36	<36	<36	<36	<36	<36	<36
JW-SB/SG09	JW-SB09-16	03/09/2015	FD	15	15	<42	<42	<42	<42	<42	<42	<42	<42	<42
JW-SB/SG09	JW-SB09-25	03/09/2015	N	25	25	<41	<41	<41	<41	<41	<41	<41	<41	<41
JW-SB/SG09	JW-SB09-35	03/09/2015	N	35	35	<35	<35	<35	<35	<35	<35	<35	<35	<35
JW-SB/SG10	JW-SB10-0.5	03/11/2015	N	0.5	0.5	<35	<35	<35	<35	<35	<35	<35	<35	<35
JW-SB/SG10	JW-SB10-2	03/11/2015	N	2	2	<35	<35	<35	<35	<35	<35	<35	<35	<35
JW-SB/SG10	JW-SB10-5	03/11/2015	N	5	5	<36	<36	<36	<36	<36	<36	<36	<36	<36
JW-SB/SG10	JW-SB10-15	03/11/2015	N	15	15	<42	<42	<42	<42	<42	<42	<42	<42	<42
JW-SB/SG10	JW-SB10-25	03/11/2015	N	25	25	<42	<42	<42	<42	<42	<42	<42	<42	<42
JW-SB/SG10	JW-SB10-35	03/11/2015	N	35	35	<35	<35	<35	<35	<35	<35	<35	<35	<35
JW-SB/SG11	JW-SB11-0.5	03/09/2015	N	0.5	0.5	<36	<36	<36	<36	<36	<36	<36	<36	<36
JW-SB/SG11	JW-SB11-0.6	03/09/2015	FD	0.5	0.5	<36	<36	<36	<36	<36	<36	<36	<36	<36
JW-SB/SG11	JW-SB11-2	03/09/2015	N	2	2	<35	<35	<35	<35	<35	<35	<35	<35	<35
JW-SB/SG11	JW-SB11-5	03/09/2015	N	5	5	<38	<38	<38	<38	<38	<38	<38	<38	<38
JW-SB/SG11	JW-SB11-6	03/09/2015	FD	5	5	<38	<38	<38	<38	<38	<38	<38	<38	<38
JW-SB/SG11	JW-SB11-15	03/09/2015	N	15	15	<41	<41	<41	<41	<41	<41	<41	<41	<41
JW-SB/SG11	JW-SB11-25	03/09/2015	N	25	25	<39	<39	<39	<39	<39	<39	<39	<39	<39
JW-SB/SG11	JW-SB11-35	03/09/2015	N	35	35	<35	<35	<35	<35	<35	<35	<35	<35	<35
JW-SB/SG12	JW-SB12-0.5	03/16/2015	N	0.5	0.5	<36	<36	<36	<36	<36	**95**	**53 J**	<36	<36
JW-SB/SG12	JW-SB12-2	03/16/2015	N	2	2	<35	<35	<35	<35	<35	<35	<35	<35	<35
JW-SB/SG12	JW-SB12-5	03/16/2015	N	5	5	<37	<37	<37	<37	<37	<37	<37	<37	<37
JW-SB/SG12	JW-SB12-6	03/16/2015	FD	5	5	<37	<37	<37	<37	<37	<37	<37	<37	<37
JW-SB/SG12	JW-SB12-15	03/16/2015	N	15	15	<41	<41	<41	<41	<41	<41	<41	<41	<41
JW-SB/SG12	JW-SB12-25	03/16/2015	N	25	25	<42	<42	<42	<42	<42	<42	<42	<42	<42

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Volatiles (in ug/kg)																											
						1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,4-Dioxane (p-Dioxane)	2-Butanone (MEK)	2-Hexanone	4-Methyl-2-pentanone (MIBK)	Acetone	Benzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon Disulfide	Carbon Tetrachloride
JW-SB/SG12	JW-SB12-35	03/16/2015	N	35	35	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	R	<9.3	<9.3	<9.3	<9.3	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6
JW-SB/SG13	JW-SB13-0.5	03/12/2015	N	0.5	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG13	JW-SB13-2	03/12/2015	N	2	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG13	JW-SB13-5	03/12/2015	N	5	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG13	JW-SB13-15	03/12/2015	N	15	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG13	JW-SB13-16	03/12/2015	FD	15	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG13	JW-SB13-25	03/12/2015	N	25	25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG13	JW-SB13-35	03/12/2015	N	35	35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG14	JW-SB14-0.5	03/13/2015	N	0.5	0.5	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<97	<9.7	<9.7	<9.7	**8 J**	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
JW-SB/SG14	JW-SB14-2	03/13/2015	N	2	2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<100	<10	<10	<10	**11 J**	<5	<5	<5	<5	<5	<5	<5
JW-SB/SG14	JW-SB14-5	03/13/2015	N	5	5	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	R	<5.3	R	<5.3	<5.3	R	<5.3	<5.3	R	R	<110	<11	<11	<11	**7.7 J**	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3
JW-SB/SG14	JW-SB14-15	03/13/2015	N	15	15	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<110	<11	<11	<11	**5.4 J**	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7
JW-SB/SG14	JW-SB14-25	03/13/2015	N	25	25	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<110	<11	<11	<11	**5 J**	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4
JW-SB/SG14	JW-SB14-35	03/13/2015	N	35	35	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<110	<11	<11	<11	**5.8 J**	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3
JW-SB/SG15	JW-SB15-0.5	03/13/2015	N	0.5	0.5	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<94	<9.4	<9.4	<9.4	**6.8 J**	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
JW-SB/SG15	JW-SB15-2	03/13/2015	N	2	2	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<120	<12	<12	<12	**6.8 J**	<6	<6	<6	<6	<6	<6	<6
JW-SB/SG15	JW-SB15-5	03/13/2015	N	5	5	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<120	<12	<12	<12	**8.9 J**	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2
JW-SB/SG15	JW-SB15-15	03/13/2015	N	15	15	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<110	<11	<11	<11	**4.7 J**	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6
JW-SB/SG15	JW-SB15-25	03/13/2015	N	25	25	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<110	<11	<11	<11	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
JW-SB/SG15	JW-SB15-35	03/13/2015	N	35	35	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<110	<11	<11	<11	<11	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3
JW-SB/SG16	JW-SB16-0.5	03/10/2015	N	0.5	0.5	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	R	<4.9	R	<4.9	<4.9	R	<4.9	<4.9	R	<4.9	<99	<9.9	<9.9	<9.9	**5.9 J**	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
JW-SB/SG16	JW-SB16-0.6	03/10/2015	FD	0.5	0.5	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<100	<10	<10	<10	**6.5 J**	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1
JW-SB/SG16	JW-SB16-2	03/10/2015	N	2	2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<100	<10	<10	<10	**9.5 J**	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2
JW-SB/SG16	JW-SB16-5	03/10/2015	N	5	5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<130	<13	<13	<13	**6.9 J**	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5
JW-SB/SG16	JW-SB16-15	03/10/2015	N	15	15	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<120	<12	<12	<12	**9.5 J**	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8
JW-SB/SG16	JW-SB16-25	03/10/2015	N	25	25	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<120	<12	<12	<12	**9.2 J**	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8
JW-SB/SG16	JW-SB16-35	03/10/2015	N	35	35	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<110	<11	<11	<11	**7.8 J**	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3
JW-SB/SG17	JW-SB17-0.5	03/11/2015	N	0.5	0.5	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	R	<10	<10	<10	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1
JW-SB/SG17	JW-SB17-2	03/11/2015	N	2	2	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	R	<12	<12	<12	<12	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9
JW-SB/SG17	JW-SB17-5	03/11/2015	N	5	5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	R	<9.6	<9.6	<9.6	**8.1 J**	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
JW-SB/SG17	JW-SB17-15	03/11/2015	N	15	15	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	R	<10	<10	<10	**8.2 J**	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1
JW-SB/SG17	JW-SB17-25	03/11/2015	N	25	25	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	R	<11	<11	<11	**7.7 J**	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3
JW-SB/SG17	JW-SB17-35	03/11/2015	N	35	35	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	R	<11	<11	<11	**7.5 J**	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
JW-SB/SG18	JW-SB18-0.5	03/11/2015	N	0.5	0.5	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	R	<9.7	<9.7	<9.7	**9.9**	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Volatiles (in ug/kg)																								
						Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethylene	cis-1,3-Dichloropropene	Cyclohexane	Dibromochloromethane	Dichlorodifluoromethane	Ethylbenzene	Isopropylbenzene (Cumene)	m,p-Xylene	Methyl Acetate	Methylcyclohexane	Methylene Chloride	o-Xylene	Styrene	tert-Butyl Methyl Ether (MTBE)	Tetrachloroethene (PCE)	Toluene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Vinyl Chloride
JW-SB/SG12	JW-SB12-35	03/16/2015	N	35	35	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6
JW-SB/SG13	JW-SB13-0.5	03/12/2015	N	0.5	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG13	JW-SB13-2	03/12/2015	N	2	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG13	JW-SB13-5	03/12/2015	N	5	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG13	JW-SB13-15	03/12/2015	N	15	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG13	JW-SB13-16	03/12/2015	FD	15	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG13	JW-SB13-25	03/12/2015	N	25	25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG13	JW-SB13-35	03/12/2015	N	35	35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG14	JW-SB14-0.5	03/13/2015	N	0.5	0.5	<4.9	<4.9	**17 J**	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
JW-SB/SG14	JW-SB14-2	03/13/2015	N	2	2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	**1.4 J**	<5	<5	<5	<5	<5	<5
JW-SB/SG14	JW-SB14-5	03/13/2015	N	5	5	R	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	**1.2 J**	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3
JW-SB/SG14	JW-SB14-15	03/13/2015	N	15	15	<5.7	<5.7	**3.5 J**	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	**7.2**	<5.7	<5.7	<5.7	**1.7 J**	<5.7	<5.7
JW-SB/SG14	JW-SB14-25	03/13/2015	N	25	25	<5.4	<5.4	**3.9 J**	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	**7.2 J**	<5.4	<5.4	<5.4	**3.9 J**	<5.4	<5.4
JW-SB/SG14	JW-SB14-35	03/13/2015	N	35	35	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	**3.7 J**	<5.3	<5.3
JW-SB/SG15	JW-SB15-0.5	03/13/2015	N	0.5	0.5	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	**2.2 J**	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
JW-SB/SG15	JW-SB15-2	03/13/2015	N	2	2	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	**1.4 J**	<6	<6	<6	<6	<6	<6
JW-SB/SG15	JW-SB15-5	03/13/2015	N	5	5	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	**1.6 J**	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2
JW-SB/SG15	JW-SB15-15	03/13/2015	N	15	15	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	**10 J**	<5.6	<5.6	<5.6	**4.4 J**	<5.6	<5.6
JW-SB/SG15	JW-SB15-25	03/13/2015	N	25	25	<5.5	<5.5	**6.1**	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	**11**	<5.5	<5.5	<5.5	**4.4 J**	<5.5	<5.5
JW-SB/SG15	JW-SB15-35	03/13/2015	N	35	35	<5.3	<5.3	**7.4**	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3
JW-SB/SG16	JW-SB16-0.5	03/10/2015	N	0.5	0.5	R	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	**0.88 J**	<4.9	<4.9	<4.9	**0.79 J**	**0.55 J**	<4.9	<4.9	<4.9	<4.9	<4.9
JW-SB/SG16	JW-SB16-0.6	03/10/2015	FD	0.5	0.5	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	**0.99 J**	<5.1	<5.1	<5.1	**0.71 J**	**0.64 J**	<5.1	<5.1	<5.1	<5.1	<5.1
JW-SB/SG16	JW-SB16-2	03/10/2015	N	2	2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	**0.73 J**	<5.2	<5.2	<5.2	<5.2	<5.2
JW-SB/SG16	JW-SB16-5	03/10/2015	N	5	5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5
JW-SB/SG16	JW-SB16-15	03/10/2015	N	15	15	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	**3.3 J**	<5.8	<5.8	<5.8	**3.8 J**	<5.8	<5.8
JW-SB/SG16	JW-SB16-25	03/10/2015	N	25	25	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	**3 J**	<5.8	<5.8	<5.8	**8.8**	<5.8	<5.8
JW-SB/SG16	JW-SB16-35	03/10/2015	N	35	35	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3
JW-SB/SG17	JW-SB17-0.5	03/11/2015	N	0.5	0.5	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	**7.3**	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1
JW-SB/SG17	JW-SB17-2	03/11/2015	N	2	2	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9
JW-SB/SG17	JW-SB17-5	03/11/2015	N	5	5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
JW-SB/SG17	JW-SB17-15	03/11/2015	N	15	15	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	**6.1**	<5.1	<5.1	<5.1	**1.4 J**	<5.1	<5.1
JW-SB/SG17	JW-SB17-25	03/11/2015	N	25	25	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	**7**	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3
JW-SB/SG17	JW-SB17-35	03/11/2015	N	35	35	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
JW-SB/SG18	JW-SB18-0.5	03/11/2015	N	0.5	0.5	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	**0.76 J**	<4.9	<4.9	<4.9	<4.9	<4.9

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Semivolatiles (in ug/kg)																								
						1,2,4,5-Tetrachlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Chloronaphthalene	2-Chlorophenol	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	2-Nitroaniline	2-Nitrophenol	3,3'-Dichlorobenzidine	3-Nitroaniline	4,6-Dinitro-2-Methylphenol	4-Bromophenyl phenyl ether	4-Chloro-3-Methylphenol	4-Chloroaniline	4-Chlorophenyl Phenyl Ether	4-Methylphenol (p-Cresol)	4-Nitroaniline	4-Nitrophenol
JW-SB/SG12	JW-SB12-35	03/16/2015	N	35	35	<180	<180	<180	<180	<180	<180	<360	<180	<180	<180	<180	<180	<180	<360	<180	<180	<360	<360	<180	<180	<180	<180	<180	<360	<360
JW-SB/SG13	JW-SB13-0.5	03/12/2015	N	0.5	0.5	<180	<180	<180	<180	<180	<180	<360	<180	<180	<180	<180	<180	<180	<360	<180	<180	<360	<360	<180	<180	<180	<180	<180	<360	<360
JW-SB/SG13	JW-SB13-2	03/12/2015	N	2	2	<180	<180	<180	<180	<180	<180	<340	<180	<180	<180	<180	<180	<180	<340	<180	<180	<340	<340	<180	<180	<180	<180	<180	<340	<340
JW-SB/SG13	JW-SB13-5	03/12/2015	N	5	5	<190	<190	<190	<190	<190	<190	<370	<190	<190	<190	<190	<190	<190	<370	<190	<190	<370	<370	<190	<190	<190	<190	<190	<370	<370
JW-SB/SG13	JW-SB13-15	03/12/2015	N	15	15	<210	<210	<210	<210	<210	<210	<410	<210	<210	<210	<210	<210	<210	<410	<210	<210	<410	<410	<210	<210	<210	<210	<210	<410	<410
JW-SB/SG13	JW-SB13-16	03/12/2015	FD	15	15	<190	<190	<190	<190	<190	<190	<380	<190	<190	<190	<190	<190	<190	<380	<190	<190	<380	<380	<190	<190	<190	<190	<190	<380	<380
JW-SB/SG13	JW-SB13-25	03/12/2015	N	25	25	<210	<210	<210	<210	<210	<210	<420	<210	<210	<210	<210	<210	<210	<420	<210	<210	<420	<420	<210	<210	<210	<210	<210	<420	<420
JW-SB/SG13	JW-SB13-35	03/12/2015	N	35	35	<190	<190	<190	<190	<190	<190	<370	<190	<190	<190	<190	<190	<190	<370	<190	<190	<370	<370	<190	<190	<190	<190	<190	<370	<370
JW-SB/SG14	JW-SB14-0.5	03/13/2015	N	0.5	0.5	<180	<180	<180	<180	<180	<180	<340	<180	<180	<180	<180	<180	<180	<340	<180	<180	<340	<340	<180	<180	<180	<180	<180	<340	<340
JW-SB/SG14	JW-SB14-2	03/13/2015	N	2	2	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	<180	<180	<180	<350	<180	<180	<350	<350	<180	<180	<180	<180	<180	<350	<350
JW-SB/SG14	JW-SB14-5	03/13/2015	N	5	5	<190	<190	<190	<190	<190	<190	<360	<190	<190	<190	<190	<190	<190	<360	<190	<190	<360	<360	<190	<190	<190	<190	<190	<360	<360
JW-SB/SG14	JW-SB14-15	03/13/2015	N	15	15	<220	<220	<220	<220	<220	<220	<430	<220	<220	<220	<220	<220	<220	<430	<220	<220	<430	<430	<220	<220	<220	<220	<220	<430	<430
JW-SB/SG14	JW-SB14-25	03/13/2015	N	25	25	<220	<220	<220	<220	<220	<220	<420	<220	<220	<220	<220	<220	<220	<420	<220	<220	<420	<420	<220	<220	<220	<220	<220	<420	<420
JW-SB/SG14	JW-SB14-35	03/13/2015	N	35	35	<190	<190	<190	<190	<190	<190	<370	<190	<190	<190	<190	<190	<190	<370	<190	<190	<370	<370	<190	<190	<190	<190	<190	<370	<370
JW-SB/SG15	JW-SB15-0.5	03/13/2015	N	0.5	0.5	<1900	<1900	<1900	<1900	<1900	<1900	<3800	<1900	<1900	<1900	<1900	<1900	<1900	<3800	<1900	<1900	<3800	<3800	<1900	<1900	<1900	<1900	<1900	<3800	<3800
JW-SB/SG15	JW-SB15-2	03/13/2015	N	2	2	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	<180	<180	<180	<350	<180	<180	<350	<350	<180	<180	<180	<180	<180	<350	<350
JW-SB/SG15	JW-SB15-5	03/13/2015	N	5	5	<190	<190	<190	<190	<190	<190	<380	<190	<190	<190	<190	<190	<190	<380	<190	<190	<380	<380	<190	<190	<190	<190	<190	<380	<380
JW-SB/SG15	JW-SB15-15	03/13/2015	N	15	15	<210	<210	<210	<210	<210	<210	<410	<210	<210	<210	<210	<210	<210	<410	<210	<210	<410	<410	<210	<210	<210	<210	<210	<410	<410
JW-SB/SG15	JW-SB15-25	03/13/2015	N	25	25	<210	<210	<210	<210	<210	<210	<410	<210	<210	<210	<210	<210	<210	<410	<210	<210	<410	<410	<210	<210	<210	<210	<210	<410	<410
JW-SB/SG15	JW-SB15-35	03/13/2015	N	35	35	<190	<190	<190	<190	<190	<190	<360	<190	<190	<190	<190	<190	<190	<360	<190	<190	<360	<360	<190	<190	<190	<190	<190	<360	<360
JW-SB/SG16	JW-SB16-0.5	03/10/2015	N	0.5	0.5	<1900	<1900	<1900	<1900	<1900	<1900	<3600	<1900	<1900	<1900	<1900	<1900	<1900	<3600	<1900	<1900	<3600	<3600	<1900	<1900	<1900	<1900	<1900	<3600	<3600
JW-SB/SG16	JW-SB16-0.6	03/10/2015	FD	0.5	0.5	<1900	<1900	<1900	<1900	<1900	<1900	<3700	<1900	<1900	<1900	<1900	<1900	<1900	<3700	<1900	<1900	<3700	<3700	<1900	<1900	<1900	<1900	<1900	<3700	<3700
JW-SB/SG16	JW-SB16-2	03/10/2015	N	2	2	<190	<190	<190	<190	<190	<190	<380	<190	<190	<190	<190	<190	<190	<380	<190	<190	<380	<380	<190	<190	<190	<190	<190	<380	<380
JW-SB/SG16	JW-SB16-5	03/10/2015	N	5	5	<210	<210	<210	<210	<210	<210	<420	<210	<210	<210	<210	<210	<210	<420	<210	<210	<420	<420	<210	<210	<210	<210	<210	<420	<420
JW-SB/SG16	JW-SB16-15	03/10/2015	N	15	15	<220	<220	<220	<220	<220	<220	<430	<220	<220	<220	<220	<220	<220	<430	<220	<220	<430	<430	<220	<220	<220	<220	<220	<430	<430
JW-SB/SG16	JW-SB16-25	03/10/2015	N	25	25	<220	<220	<220	<220	<220	<220	<430	<220	<220	<220	<220	<220	<220	<430	<220	<220	<430	<430	<220	<220	<220	<220	<220	<430	<430
JW-SB/SG16	JW-SB16-35	03/10/2015	N	35	35	<180	<180	<180	<180	<180	<180	<360	<180	<180	<180	<180	<180	<180	<360	<180	<180	<360	<360	<180	<180	<180	<180	<180	<360	<360
JW-SB/SG17	JW-SB17-0.5	03/11/2015	N	0.5	0.5	<1900	<1900	<1900	<1900	<1900	<1900	<3700	<1900	<1900	<1900	<1900	<1900	<1900	<3700	<1900	<1900	<3700	<3700	<1900	<1900	<1900	<1900	<1900	<3700	<3700
JW-SB/SG17	JW-SB17-2	03/11/2015	N	2	2	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	<180	<180	<180	<350	<180	<180	<350	<350	<180	<180	<180	<180	<180	<350	<350
JW-SB/SG17	JW-SB17-5	03/11/2015	N	5	5	<190	<190	<190	<190	<190	<190	<360	<190	<190	<190	<190	<190	<190	<360	<190	<190	<360	<360	<190	<190	<190	<190	<190	<360	<360
JW-SB/SG17	JW-SB17-15	03/11/2015	N	15	15	<210	<210	<210	<210	<210	<210	<420	<210	<210	<210	<210	<210	<210	<420	<210	<210	<420	<420	<210	<210	<210	<210	<210	<420	<420
JW-SB/SG17	JW-SB17-25	03/11/2015	N	25	25	<220	<220	<220	<220	<220	<220	<430	<220	<220	<220	<220	<220	<220	<430	<220	<220	<430	<430	<220	<220	<220	<220	<220	<430	<430
JW-SB/SG17	JW-SB17-35	03/11/2015	N	35	35	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	<180	<180	<180	<350	<180	<180	<350	<350	<180	<180	<180	<180	<180	<350	<350
JW-SB/SG18	JW-SB18-0.5	03/11/2015	N	0.5	0.5	<1900	<1900	<1900	<1900	<1900	<1900	<3700	<1900	<1900	<1900	<1900	<1900	<1900	<3700	<1900	<1900	<3700	<3700	<1900	<1900	<1900	<1900	<1900	<3700	<3700

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Semivolatiles (in ug/kg)																								
						Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benzaldehyde	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzyl butyl phthalate	Biphenyl (Diphenyl)	bis(2-Chloroethoxy) Methane	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	bis(2-Chloroisopropyl) Ether	bis(2-Ethylhexyl) Phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Diethyl Phthalate	Dimethyl Phthalate	Di-n-Butyl Phthalate
JW-SB/SG12	JW-SB12-35	03/16/2015	N	35	35	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG13	JW-SB13-0.5	03/12/2015	N	0.5	0.5	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG13	JW-SB13-2	03/12/2015	N	2	2	<180	<180	<180	<180	<180	<180	**36 J**	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	**46 J**	<180	<180	<180	<180	<180
JW-SB/SG13	JW-SB13-5	03/12/2015	N	5	5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190
JW-SB/SG13	JW-SB13-15	03/12/2015	N	15	15	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210
JW-SB/SG13	JW-SB13-16	03/12/2015	FD	15	15	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190
JW-SB/SG13	JW-SB13-25	03/12/2015	N	25	25	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210
JW-SB/SG13	JW-SB13-35	03/12/2015	N	35	35	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190
JW-SB/SG14	JW-SB14-0.5	03/13/2015	N	0.5	0.5	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG14	JW-SB14-2	03/13/2015	N	2	2	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG14	JW-SB14-5	03/13/2015	N	5	5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190
JW-SB/SG14	JW-SB14-15	03/13/2015	N	15	15	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220
JW-SB/SG14	JW-SB14-25	03/13/2015	N	25	25	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220
JW-SB/SG14	JW-SB14-35	03/13/2015	N	35	35	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190
JW-SB/SG15	JW-SB15-0.5	03/13/2015	N	0.5	0.5	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900
JW-SB/SG15	JW-SB15-2	03/13/2015	N	2	2	<180	<180	<180	<180	<180	<180	**43 J**	**49 J**	**57 J**	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	**53 J**	<180	<180	<180	<180	<180
JW-SB/SG15	JW-SB15-5	03/13/2015	N	5	5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190
JW-SB/SG15	JW-SB15-15	03/13/2015	N	15	15	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210
JW-SB/SG15	JW-SB15-25	03/13/2015	N	25	25	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210
JW-SB/SG15	JW-SB15-35	03/13/2015	N	35	35	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190
JW-SB/SG16	JW-SB16-0.5	03/10/2015	N	0.5	0.5	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900
JW-SB/SG16	JW-SB16-0.6	03/10/2015	FD	0.5	0.5	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900
JW-SB/SG16	JW-SB16-2	03/10/2015	N	2	2	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190
JW-SB/SG16	JW-SB16-5	03/10/2015	N	5	5	<210	<210	**79 J**	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210
JW-SB/SG16	JW-SB16-15	03/10/2015	N	15	15	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220
JW-SB/SG16	JW-SB16-25	03/10/2015	N	25	25	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220
JW-SB/SG16	JW-SB16-35	03/10/2015	N	35	35	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG17	JW-SB17-0.5	03/11/2015	N	0.5	0.5	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900
JW-SB/SG17	JW-SB17-2	03/11/2015	N	2	2	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG17	JW-SB17-5	03/11/2015	N	5	5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190
JW-SB/SG17	JW-SB17-15	03/11/2015	N	15	15	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210
JW-SB/SG17	JW-SB17-25	03/11/2015	N	25	25	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220
JW-SB/SG17	JW-SB17-35	03/11/2015	N	35	35	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	**170 J**	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG18	JW-SB18-0.5	03/11/2015	N	0.5	0.5	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Di-n-Octylphthalate	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-c,d)pyrene	Isophorone	Naphthalene	Nitrobenzene	n-Nitrosodi-n-propylamine	n-Nitrosodiphenylamine	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Metals by E200.7 (in mg/kg)						
																							Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium
JW-SB/SG12	JW-SB12-35	03/16/2015	N	35	35	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<360	<180	<180	<180	**8,020**	--	--	--	--	--	**10,800**
JW-SB/SG13	JW-SB13-0.5	03/12/2015	N	0.5	0.5	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<360	<180	<180	<180	**9,490**	--	--	--	--	--	**6,920**
JW-SB/SG13	JW-SB13-2	03/12/2015	N	2	2	<180	**77 J**	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<340	**43 J**	<180	<180	**8,110**	--	--	--	--	--	**4,440**
JW-SB/SG13	JW-SB13-5	03/12/2015	N	5	5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<370	<190	<190	<190	**12,600**	--	--	--	--	--	**6,930**
JW-SB/SG13	JW-SB13-15	03/12/2015	N	15	15	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<410	<210	<210	<210	**14,200**	--	--	--	--	--	**9,720**
JW-SB/SG13	JW-SB13-16	03/12/2015	FD	15	15	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<380	<190	<190	<190	**10,400**	--	--	--	--	--	**8,410**
JW-SB/SG13	JW-SB13-25	03/12/2015	N	25	25	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<420	<210	<210	<210	**16,100**	--	--	--	--	--	**14,100**
JW-SB/SG13	JW-SB13-35	03/12/2015	N	35	35	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<370	<190	<190	<190	**7,460**	--	--	--	--	--	**7,150**
JW-SB/SG14	JW-SB14-0.5	03/13/2015	N	0.5	0.5	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<340	<180	<180	<180	**5,870**	--	--	--	--	--	**4,580**
JW-SB/SG14	JW-SB14-2	03/13/2015	N	2	2	<180	**34 J**	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	**10,200**	--	--	--	--	--	**6,370**
JW-SB/SG14	JW-SB14-5	03/13/2015	N	5	5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<360	<190	<190	<190	**11,400**	--	--	--	--	--	**6,700**
JW-SB/SG14	JW-SB14-15	03/13/2015	N	15	15	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<430	<220	<220	<220	**16,800**	--	--	--	--	--	**9,220**
JW-SB/SG14	JW-SB14-25	03/13/2015	N	25	25	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<420	<220	<220	<220	**18,800**	--	--	--	--	--	**13,200**
JW-SB/SG14	JW-SB14-35	03/13/2015	N	35	35	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<370	<190	<190	<190	**8,310**	--	--	--	--	--	**9,960**
JW-SB/SG15	JW-SB15-0.5	03/13/2015	N	0.5	0.5	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<3800	<1900	<1900	<1900	**10,300**	--	--	--	--	--	**8,850**
JW-SB/SG15	JW-SB15-2	03/13/2015	N	2	2	<180	**89 J**	<180	<180	<180	<180	<180	**32 J**	<180	<180	<180	<180	<180	<350	<180	<180	<180	**9,250**	--	--	--	--	--	**5,310**
JW-SB/SG15	JW-SB15-5	03/13/2015	N	5	5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<380	<190	<190	<190	**12,200**	--	--	--	--	--	**7,280**
JW-SB/SG15	JW-SB15-15	03/13/2015	N	15	15	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<410	<210	<210	<210	**16,100**	--	--	--	--	--	**11,400**
JW-SB/SG15	JW-SB15-25	03/13/2015	N	25	25	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<410	<210	<210	<210	**17,600**	--	--	--	--	--	**16,100**
JW-SB/SG15	JW-SB15-35	03/13/2015	N	35	35	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<360	<190	<190	<190	**7,350**	--	--	--	--	--	**7,150**
JW-SB/SG16	JW-SB16-0.5	03/10/2015	N	0.5	0.5	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<3600	<1900	<1900	<1900	**11,300**	--	--	--	--	--	**5,700**
JW-SB/SG16	JW-SB16-0.6	03/10/2015	FD	0.5	0.5	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<3700	<1900	<1900	<1900	**10,400**	--	--	--	--	--	**5,160**
JW-SB/SG16	JW-SB16-2	03/10/2015	N	2	2	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<380	<190	<190	<190	**11,500**	--	--	--	--	--	**6,550**
JW-SB/SG16	JW-SB16-5	03/10/2015	N	5	5	<210	**47 J**	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<420	<210	<210	<210	**11,500**	--	--	--	--	--	**5,890**
JW-SB/SG16	JW-SB16-15	03/10/2015	N	15	15	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<430	<220	<220	<220	**16,000**	--	--	--	--	--	**10,700**
JW-SB/SG16	JW-SB16-25	03/10/2015	N	25	25	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<430	<220	<220	<220	**21,300**	--	--	--	--	--	**16,100**
JW-SB/SG16	JW-SB16-35	03/10/2015	N	35	35	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<360	<180	<180	<180	**7,720**	--	--	--	--	--	**4,230**
JW-SB/SG17	JW-SB17-0.5	03/11/2015	N	0.5	0.5	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<3700	<1900	<1900	<1900	**11,300**	--	--	--	--	--	**5,860**
JW-SB/SG17	JW-SB17-2	03/11/2015	N	2	2	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	**8,980**	--	--	--	--	--	**4,180**
JW-SB/SG17	JW-SB17-5	03/11/2015	N	5	5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<360	<190	<190	<190	**10,400**	--	--	--	--	--	**5,830**
JW-SB/SG17	JW-SB17-15	03/11/2015	N	15	15	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<420	<210	<210	<210	**15,900**	--	--	--	--	--	**9,470**
JW-SB/SG17	JW-SB17-25	03/11/2015	N	25	25	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<430	<220	<220	<220	**21,700**	--	--	--	--	--	**18,800**
JW-SB/SG17	JW-SB17-35	03/11/2015	N	35	35	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	**7,130**	--	--	--	--	--	**4,580**
JW-SB/SG18	JW-SB18-0.5	03/11/2015	N	0.5	0.5	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<1900	<3700	<1900	<1900	<1900	**11,700**	--	--	--	--	--	**6,460**

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

							Metals by E200.7 (in mg/kg)														Metals by E200.8 (in mg/kg)						
Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt
JW-SB/SG12	JW-SB12-35	03/16/2015	N	35	35	--	--	--	15,900	--	4,760	--	--	2,360	--	--	480	--	--	--	<0.79	7.8	67	0.23 J	0.074 J	9.8	7.5
JW-SB/SG13	JW-SB13-0.5	03/12/2015	N	0.5	0.5	--	--	--	16,600	--	5,360	--	--	3,320	--	--	305 J	--	--	--	<0.74	1.3	106	0.32 J	0.68	15.1	8.5
JW-SB/SG13	JW-SB13-2	03/12/2015	N	2	2	--	--	--	14,900	--	4,750	--	--	3,420	--	--	201 J	--	--	--	<0.77	1.1	96	0.25 J	0.1 J	11	7.9
JW-SB/SG13	JW-SB13-5	03/12/2015	N	5	5	--	--	--	20,800	--	6,280	--	--	4,020	--	--	364 J	--	--	--	<0.84	2	150	0.5	0.22 J	19.6	11.6
JW-SB/SG13	JW-SB13-15	03/12/2015	N	15	15	--	--	--	22,900	--	8,040	--	--	4,290	--	--	1,260	--	--	--	<0.82	2.3	164	0.52	0.23 J	24.1	12.9
JW-SB/SG13	JW-SB13-16	03/12/2015	FD	15	15	--	--	--	17,400	--	5,840	--	--	3,420	--	--	575	--	--	--	<0.8	1.7	114	0.36 J	0.16 J	16.2	9.6
JW-SB/SG13	JW-SB13-25	03/12/2015	N	25	25	--	--	--	26,500	--	9,720	--	--	5,330	--	--	1,320	--	--	--	<0.91	4.2	197	0.6	0.26 J	27.5	15.3
JW-SB/SG13	JW-SB13-35	03/12/2015	N	35	35	--	--	--	13,900	--	4,540	--	--	2,380	--	--	442	--	--	--	<0.81	8.8	82.6	0.25 J	0.051 J	9.8	7.3
JW-SB/SG14	JW-SB14-0.5	03/13/2015	N	0.5	0.5	--	--	--	11,400	--	3,270	--	--	1,300	--	--	230 J	--	--	--	<0.76	5.6	92.6	0.2 J	0.036 J	9	5.8
JW-SB/SG14	JW-SB14-2	03/13/2015	N	2	2	--	--	--	17,600	--	5,720	--	--	3,890	--	--	402	--	--	--	<0.8	1.5	116 J	0.32 J	0.14 J	15.4 J	9.3 J
JW-SB/SG14	JW-SB14-5	03/13/2015	N	5	5	--	--	--	18,900	--	5,770	--	--	3,620	--	--	421	--	--	--	<0.77	1.7	126	0.43	0.15 J	17.3	10.2
JW-SB/SG14	JW-SB14-15	03/13/2015	N	15	15	--	--	--	27,200	--	10,300	--	--	5,860	--	--	2,000	--	--	--	<0.94	2.3	202	0.57	0.23 J	27.2	15.5
JW-SB/SG14	JW-SB14-25	03/13/2015	N	25	25	--	--	--	30,000	--	11,000	--	--	5,920	--	--	1,970	--	--	--	<0.92	2.8	218	0.63	0.29 J	32.4	16.4
JW-SB/SG14	JW-SB14-35	03/13/2015	N	35	35	--	--	--	15,500	--	5,120	--	--	2,800	--	--	525	--	--	--	<0.76	7	106	0.26 J	0.15 J	12.7	9.1
JW-SB/SG15	JW-SB15-0.5	03/13/2015	N	0.5	0.5	--	--	--	17,800	--	6,280	--	--	3,850	--	--	437	--	--	--	<0.78	2.2	122	0.36 J	0.29 J	23.5	9.9
JW-SB/SG15	JW-SB15-2	03/13/2015	N	2	2	--	--	--	16,700	--	5,380	--	--	3,910	--	--	292 J	--	--	--	<0.76	1.4	111	0.3 J	0.15 J	15.5	9.4
JW-SB/SG15	JW-SB15-5	03/13/2015	N	5	5	--	--	--	20,200	--	6,080	--	--	3,800	--	--	429	--	--	--	<0.81	1.4	64.3	0.2 J	0.093 J	9.5	6.2
JW-SB/SG15	JW-SB15-15	03/13/2015	N	15	15	--	--	--	25,700	--	9,860	--	--	5,450	--	--	1,580	--	--	--	<0.87	2.4	200	0.59	0.25 J	26.8	16
JW-SB/SG15	JW-SB15-25	03/13/2015	N	25	25	--	--	--	27,600	--	9,850	--	--	4,840	--	--	2,130	--	--	--	<0.92	3.2	212	0.68	0.23 J	29.3	16.4
JW-SB/SG15	JW-SB15-35	03/13/2015	N	35	35	--	--	--	13,600	--	4,550	--	--	2,390	--	--	464	--	--	--	<0.8	9.2	74.4	0.23 J	0.058 J	9.7	7.9
JW-SB/SG16	JW-SB16-0.5	03/10/2015	N	0.5	0.5	--	--	--	20,800	--	5,990	--	--	4,180	--	--	297 J	--	--	--	<0.86	2.9	150	0.42 J	0.44	131	9.4
JW-SB/SG16	JW-SB16-0.6	03/10/2015	FD	0.5	0.5	--	--	--	18,900	--	5,530	--	--	3,880	--	--	298 J	--	--	--	<0.79	2.3	131	0.35 J	<0.4	104	7.7
JW-SB/SG16	JW-SB16-2	03/10/2015	N	2	2	--	--	--	20,900	--	5,780	--	--	3,320	--	--	346 J	--	--	--	<0.81	2	158	0.43	<0.4	72.9	9.1
JW-SB/SG16	JW-SB16-5	03/10/2015	N	5	5	--	--	--	21,300	--	6,350	--	--	4,440	--	--	268 J	--	--	--	<0.87	1.7	123	0.42 J	<0.44	25.7	8.3
JW-SB/SG16	JW-SB16-15	03/10/2015	N	15	15	--	--	--	25,900	--	8,390	--	--	4,350	--	--	628	--	--	--	<0.99	2.5	152	0.44 J	<0.5	23.4	8.6
JW-SB/SG16	JW-SB16-25	03/10/2015	N	25	25	--	--	--	33,500	--	12,000	--	--	6,050	--	--	1,860	--	--	--	<0.96	3.7	264	0.81	<0.48	34.4	16.4
JW-SB/SG16	JW-SB16-35	03/10/2015	N	35	35	--	--	--	14,900	--	4,430	--	--	2,540	--	--	429	--	--	--	<0.78	10.9	82.1	0.26 J	<0.39	10	5
JW-SB/SG17	JW-SB17-0.5	03/11/2015	N	0.5	0.5	--	--	--	20,100	--	6,180	--	--	4,100	--	--	351 J	--	--	--	<0.8	3.3	135	0.4	<0.4	23.6	8.7
JW-SB/SG17	JW-SB17-2	03/11/2015	N	2	2	--	--	--	16,400	--	5,070	--	--	3,750	--	--	251 J	--	--	--	<0.76	1	105	0.25 J	<0.38	10.7	6
JW-SB/SG17	JW-SB17-5	03/11/2015	N	5	5	--	--	--	18,900	--	5,190	--	--	3,180	--	--	331 J	--	--	--	<0.79	1.3	95.8	0.32 J	0.11 J	12.6 J	8.3
JW-SB/SG17	JW-SB17-15	03/11/2015	N	15	15	--	--	--	26,500	--	9,520	--	--	5,180	--	--	583	--	--	--	<0.89	2.4	164	0.47	<0.44	22.5	10.7
JW-SB/SG17	JW-SB17-25	03/11/2015	N	25	25	--	--	--	33,200	--	11,900	--	--	5,990	--	--	1,830	--	--	--	<0.93	3.8	258	0.75	0.49	33.3	16.1
JW-SB/SG17	JW-SB17-35	03/11/2015	N	35	35	--	--	--	13,200	--	4,000	--	--	2,400	--	--	346 J	--	--	--	<0.75	9.5	94.7	0.25 J	<0.38	9.2	5
JW-SB/SG18	JW-SB18-0.5	03/11/2015	N	0.5	0.5	--	--	--	19,900	--	6,050	--	--	3,860	--	--	363 J	--	--	--	<0.78	2.3	148	0.41	<0.39	19	9.2

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

						Metals by E200.8 (in mg/kg)									Metals by SW7196A (in mg/kg)	Metals by C245.5 (in mg/kg)
Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Copper	Lead	Manganese	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Chromium, Hexavalent	Mercury
JW-SB/SG12	JW-SB12-35	03/16/2015	N	35	35	**8.6**	**2.1**	**268**	**8**	<2	<0.39	<0.39	**23.7**	**35.7**	--	**0.05 J**
JW-SB/SG13	JW-SB13-0.5	03/12/2015	N	0.5	0.5	**13.8**	**24.4**	**400**	**10.4**	<1.9	<0.37	<0.37	**30.8**	**1,090**	--	**0.041 J**
JW-SB/SG13	JW-SB13-2	03/12/2015	N	2	2	**10.8**	**4.5**	**274**	**8.8**	<1.9	<0.38	<0.38	**28.2**	**50.6**	--	**0.022 J**
JW-SB/SG13	JW-SB13-5	03/12/2015	N	5	5	**21**	**5.4**	**450**	**14.9**	<2.1	<0.42	<0.42	**43.8**	**68.6**	<0.8	**0.029 J**
JW-SB/SG13	JW-SB13-15	03/12/2015	N	15	15	**24.9**	**5.4**	**498**	**17.9**	<2	<0.41	<0.41	**49.3**	**79.6**	<0.8	**0.044 J**
JW-SB/SG13	JW-SB13-16	03/12/2015	FD	15	15	**16.7**	**5.6**	**355**	**12.2**	<2	<0.4	<0.4	**34.6**	**85.9**	<0.8	**0.034 J**
JW-SB/SG13	JW-SB13-25	03/12/2015	N	25	25	**31.6**	**5.3**	**561**	**20.8**	<2.3	<0.46	<0.46	**59.4**	**91**	<0.8	**0.054 J**
JW-SB/SG13	JW-SB13-35	03/12/2015	N	35	35	**9.4**	**2.4**	**270**	**8.5**	<2	<0.41	<0.41	**27.8**	**40.3**	--	**0.023 J**
JW-SB/SG14	JW-SB14-0.5	03/13/2015	N	0.5	0.5	**17.5**	**3.9**	**262**	**8.8**	<1.9	<0.38	<0.38	**19.2**	**30.8**	--	**0.034 J**
JW-SB/SG14	JW-SB14-2	03/13/2015	N	2	2	**15.7**	**6.4 J**	**338**	**11.7**	<2	<0.4	<0.4	**34.9 J**	**61.3 J**	--	**0.052 J**
JW-SB/SG14	JW-SB14-5	03/13/2015	N	5	5	**18.1**	**4.9**	**390**	**12.6**	<1.9	<0.38	<0.38	**38.8**	**60.6**	--	**0.25**
JW-SB/SG14	JW-SB14-15	03/13/2015	N	15	15	**27.3**	**5.3**	**553**	**21**	<2.4	<0.47	<0.47	**57.5**	**95.4**	--	**0.05 J**
JW-SB/SG14	JW-SB14-25	03/13/2015	N	25	25	**34.7**	**5.8**	**615**	**23.5**	<2.3	<0.46	<0.46	**59.9**	**97**	--	**0.089 J**
JW-SB/SG14	JW-SB14-35	03/13/2015	N	35	35	**11.4**	**2.8**	**318**	**9.5**	<1.9	<0.38	<0.38	**32.9**	**48.1**	--	**0.044 J**
JW-SB/SG15	JW-SB15-0.5	03/13/2015	N	0.5	0.5	**18.5**	**13.7**	**385**	**14.1**	<1.9	<0.39	<0.39	**36.6**	**126**	--	**0.039 J**
JW-SB/SG15	JW-SB15-2	03/13/2015	N	2	2	**14.1**	**7.5**	**326**	**11.3**	<1.9	<0.38	<0.38	**32.2**	**60.3**	--	**0.03 J**
JW-SB/SG15	JW-SB15-5	03/13/2015	N	5	5	**17.3**	**2.4**	**192**	**8.9**	<2	<0.41	<0.41	**18.1**	**29.2**	--	**0.055 J**
JW-SB/SG15	JW-SB15-15	03/13/2015	N	15	15	**28.1**	**5.3**	**563**	**21**	<2.2	<0.43	<0.43	**56.9**	**93.5**	--	**0.068 J**
JW-SB/SG15	JW-SB15-25	03/13/2015	N	25	25	**30.6**	**6.8**	**589**	**22.2**	<2.3	<0.46	<0.46	**56.3**	**93.7**	--	**0.041 J**
JW-SB/SG15	JW-SB15-35	03/13/2015	N	35	35	**8.3**	**2.3**	**248**	**7.6**	<2	<0.4	<0.4	**25.8**	**40.3**	--	**0.04 J**
JW-SB/SG16	JW-SB16-0.5	03/10/2015	N	0.5	0.5	**32.6**	**45.6**	**412**	**16.6**	**0.12 J**	<0.43	**0.2 J**	**40.6**	**110**	--	**0.047 J**
JW-SB/SG16	JW-SB16-0.6	03/10/2015	FD	0.5	0.5	**29.8**	**43.2**	**342**	**14.4**	**0.079 J**	<0.4	**0.16 J**	**35.3**	**90.3**	--	**0.074 J**
JW-SB/SG16	JW-SB16-2	03/10/2015	N	2	2	**21.9**	**15**	**374**	**15.2**	**0.16 J**	<0.4	**0.22 J**	**40.1**	**81**	--	**0.037 J**
JW-SB/SG16	JW-SB16-5	03/10/2015	N	5	5	**18.4**	**4.3**	**348**	**12.7**	**0.15 J**	<0.44	**0.18 J**	**37**	**58.9**	--	**0.032 J**
JW-SB/SG16	JW-SB16-15	03/10/2015	N	15	15	**19.3**	**4.5**	**346**	**17.1**	**0.073 J**	<0.5	**0.23 J**	**42.7**	**66.2**	--	**0.028 J**
JW-SB/SG16	JW-SB16-25	03/10/2015	N	25	25	**35.9**	**7.8**	**809**	**26.9**	<2.4	<0.48	**0.31 J**	**65.1**	**101**	--	**0.026 J**
JW-SB/SG16	JW-SB16-35	03/10/2015	N	35	35	**10.5**	**2.5**	**221**	**7.8**	**0.041 J**	<0.39	**0.13 J**	**29.8**	**39.1**	--	**0.015 J**
JW-SB/SG17	JW-SB17-0.5	03/11/2015	N	0.5	0.5	**23.5**	**18.5**	**386**	**15.3**	**0.12 J**	<0.4	**0.19 J**	**39.3**	**81.6**	--	**0.18**
JW-SB/SG17	JW-SB17-2	03/11/2015	N	2	2	**9.8**	**2.5**	**258**	**8.6**	**0.025 J**	<0.38	**0.16 J**	**27.8**	**44.1**	--	**0.024 J**
JW-SB/SG17	JW-SB17-5	03/11/2015	N	5	5	**13**	**3.4 J**	**285**	**9.9**	<2	<0.39	<0.39	**29.7 J**	**45.6 J**	--	**0.038 J**
JW-SB/SG17	JW-SB17-15	03/11/2015	N	15	15	**21.9**	**4.7**	**472**	**17.6**	**0.035 J**	<0.44	**0.25 J**	**46.1**	**74.6**	--	**0.032 J**
JW-SB/SG17	JW-SB17-25	03/11/2015	N	25	25	**38.9**	**7.4**	**680**	**25.6**	**0.26 J**	<0.47	**0.29 J**	**68.6**	**96.7**	--	**0.1 J**
JW-SB/SG17	JW-SB17-35	03/11/2015	N	35	35	**8.3**	**2.3**	**231**	**7**	**0.025 J**	<0.38	**0.13 J**	**22.1**	**36.7**	--	**0.078 J**
JW-SB/SG18	JW-SB18-0.5	03/11/2015	N	0.5	0.5	**25**	**13.6**	**387**	**16.6**	**0.09 J**	<0.39	**0.2 J**	**40.2**	**73.1**	--	**0.038 J**

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	PCBs by SW8082 (in ug/kg)								
						PCB-1016 (Arochlor 1016)	PCB-1221 (Arochlor 1221)	PCB-1232 (Arochlor 1232)	PCB-1242 (Arochlor 1242)	PCB-1248 (Arochlor 1248)	PCB-1254 (Arochlor 1254)	PCB-1260 (Arochlor 1260)	PCB-1262 (Arochlor 1262)	PCB-1268 (Arochlor 1268)
JW-SB/SG12	JW-SB12-35	03/16/2015	N	35	35	<36	<36	<36	<36	<36	<36	<36	<36	<36
JW-SB/SG13	JW-SB13-0.5	03/12/2015	N	0.5	0.5	<36	<36	<36	<36	<36	<36	<36	<36	<36
JW-SB/SG13	JW-SB13-2	03/12/2015	N	2	2	<35	<35	<35	<35	<35	<35	<35	<35	<35
JW-SB/SG13	JW-SB13-5	03/12/2015	N	5	5	<37	<37	<37	<37	<37	<37	<37	<37	<37
JW-SB/SG13	JW-SB13-15	03/12/2015	N	15	15	<41	<41	<41	<41	<41	<41	<41	<41	<41
JW-SB/SG13	JW-SB13-16	03/12/2015	FD	15	15	<38	<38	<38	<38	<38	<38	<38	<38	<38
JW-SB/SG13	JW-SB13-25	03/12/2015	N	25	25	<42	<42	<42	<42	<42	<42	<42	<42	<42
JW-SB/SG13	JW-SB13-35	03/12/2015	N	35	35	<37	<37	<37	<37	<37	<37	<37	<37	<37
JW-SB/SG14	JW-SB14-0.5	03/13/2015	N	0.5	0.5	<34	<34	<34	<34	<34	<34	<34	<34	<34
JW-SB/SG14	JW-SB14-2	03/13/2015	N	2	2	<35	<35	<35	<35	<35	<35	<35	<35	<35
JW-SB/SG14	JW-SB14-5	03/13/2015	N	5	5	<36	<36	<36	<36	<36	<36	<36	<36	<36
JW-SB/SG14	JW-SB14-15	03/13/2015	N	15	15	<43	<43	<43	<43	<43	<43	<43	<43	<43
JW-SB/SG14	JW-SB14-25	03/13/2015	N	25	25	<42	<42	<42	<42	<42	<42	<42	<42	<42
JW-SB/SG14	JW-SB14-35	03/13/2015	N	35	35	<38	<38	<38	<38	<38	<38	<38	<38	<38
JW-SB/SG15	JW-SB15-0.5	03/13/2015	N	0.5	0.5	<37	<37	<37	<37	<37	<37	<37	<37	<37
JW-SB/SG15	JW-SB15-2	03/13/2015	N	2	2	<35	<35	<35	<35	<35	<35	<35	<35	<35
JW-SB/SG15	JW-SB15-5	03/13/2015	N	5	5	<38	<38	<38	<38	<38	<38	<38	<38	<38
JW-SB/SG15	JW-SB15-15	03/13/2015	N	15	15	<41	<41	<41	<41	<41	<41	<41	<41	<41
JW-SB/SG15	JW-SB15-25	03/13/2015	N	25	25	<40	<40	<40	<40	<40	<40	<40	<40	<40
JW-SB/SG15	JW-SB15-35	03/13/2015	N	35	35	<36	<36	<36	<36	<36	<36	<36	<36	<36
JW-SB/SG16	JW-SB16-0.5	03/10/2015	N	0.5	0.5	<36	<36	<36	<36	<36	<36	<36	<36	<36
JW-SB/SG16	JW-SB16-0.6	03/10/2015	FD	0.5	0.5	<36	<36	<36	<36	<36	<36	<36	<36	<36
JW-SB/SG16	JW-SB16-2	03/10/2015	N	2	2	<37	<37	<37	<37	<37	<37	<37	<37	<37
JW-SB/SG16	JW-SB16-5	03/10/2015	N	5	5	<42	<42	<42	<42	<42	<42	<42	<42	<42
JW-SB/SG16	JW-SB16-15	03/10/2015	N	15	15	<42	<42	<42	<42	<42	<42	<42	<42	<42
JW-SB/SG16	JW-SB16-25	03/10/2015	N	25	25	<44	<44	<44	<44	<44	<44	<44	<44	<44
JW-SB/SG16	JW-SB16-35	03/10/2015	N	35	35	<36	<36	<36	<36	<36	<36	<36	<36	<36
JW-SB/SG17	JW-SB17-0.5	03/11/2015	N	0.5	0.5	<37	<37	<37	<37	<37	<37	<37	<37	<37
JW-SB/SG17	JW-SB17-2	03/11/2015	N	2	2	<35	<35	<35	<35	<35	<35	<35	<35	<35
JW-SB/SG17	JW-SB17-5	03/11/2015	N	5	5	<36	<36	<36	<36	<36	<36	<36	<36	<36
JW-SB/SG17	JW-SB17-15	03/11/2015	N	15	15	<41	<41	<41	<41	<41	<41	<41	<41	<41
JW-SB/SG17	JW-SB17-25	03/11/2015	N	25	25	<43	<43	<43	<43	<43	<43	<43	<43	<43
JW-SB/SG17	JW-SB17-35	03/11/2015	N	35	35	<35	<35	<35	<35	<35	<35	<35	<35	<35
JW-SB/SG18	JW-SB18-0.5	03/11/2015	N	0.5	0.5	<37	<37	<37	<37	<37	<37	<37	<37	<37

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Volatiles (in ug/kg)																											
						1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,4-Dioxane (p-Dioxane)	2-Butanone (MEK)	2-Hexanone	4-Methyl-2-pentanone (MIBK)	Acetone	Benzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon Disulfide	Carbon Tetrachloride
JW-SB/SG18	JW-SB18-2	03/11/2015	N	2	2	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	R	<12	<12	<12	**11 J**	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9
JW-SB/SG18	JW-SB18-5	03/11/2015	N	5	5	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	R	<11	<11	<11	**9 J**	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3
JW-SB/SG18	JW-SB18-15	03/11/2015	N	15	15	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	R	<9.4	<9.4	<9.4	**8.1 J**	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
JW-SB/SG18	JW-SB18-16	03/11/2015	FD	15	15	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	R	<11	<11	<11	**10 J**	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3
JW-SB/SG18	JW-SB18-25	03/11/2015	N	25	25	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	R	<11	<11	<11	**7.7 J**	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
JW-SB/SG18	JW-SB18-35	03/11/2015	N	35	35	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	R	<11	<11	<11	**7.1 J**	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
JW-SB/SG19	JW-SB19-0.5	03/09/2015	N	0.5	0.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG19	JW-SB19-0.5	03/09/2015	N	0.5	0.5	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	R	<11	<11	<11	**8.8 J**	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3
JW-SB/SG19	JW-SB19-2	03/09/2015	N	2	2	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	R	<12	<12	<12	**8.8 J**	<6	<6	<6	<6	<6	<6	<6
JW-SB/SG19	JW-SB19-5	03/09/2015	N	5	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	R	<9.9	<9.9	<9.9	<9.9	<5	<5	<5	<5	<5	<5	<5
JW-SB/SG19	JW-SB19-15	03/09/2015	N	15	15	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	R	<12	<12	<12	<12	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9
JW-SB/SG19	JW-SB19-25	03/09/2015	N	25	25	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	R	<9.6	<9.6	<9.6	<9.6	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
JW-SB/SG19	JW-SB19-35	03/09/2015	N	35	35	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	R	<13	<13	<13	<13	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7
JW-SB/SG20	JW-SB20-0.5	03/18/2015	N	0.5	0.5	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	R	<10	<10	<10	**36**	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2
JW-SB/SG20	JW-SB20-2	03/18/2015	N	2	2	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	R	<9.1	<9.1	<9.1	**36**	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6
JW-SB/SG20	JW-SB20-5	03/18/2015	N	5	5	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	R	<8.9	<8.9	<8.9	**31**	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4
JW-SB/SG20	JW-SB20-15	03/18/2015	N	15	15	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	R	<9.6	<9.6	<9.6	**38**	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
JW-SB/SG20	JW-SB20-25	03/18/2015	N	25	25	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	R	<11	<11	<11	**41**	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4
JW-SB/SG20	JW-SB20-35	03/18/2015	N	35	35	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	R	<11	<11	<11	**14**	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4
JW-SB/SG21	JW-SB21-0.5	03/17/2015	N	0.5	0.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	R	<9.6	<9.6	<9.6	**11**	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
JW-SB/SG21	JW-SB21-2	03/17/2015	N	2	2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	R	<12	<12	<12	**8.3 J**	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2
JW-SB/SG21	JW-SB21-5	03/17/2015	N	5	5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	R	<9.1	<9.1	<9.1	**11**	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5
JW-SB/SG21	JW-SB21-6	03/17/2015	FD	5	5	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	R	<12	<12	<12	**16**	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9
JW-SB/SG21	JW-SB21-15	03/17/2015	N	15	15	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	R	<11	<11	<11	**13**	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6
JW-SB/SG21	JW-SB21-25	03/17/2015	N	25	25	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	R	<11	<11	<11	**15**	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7
JW-SB/SG21	JW-SB21-35	03/17/2015	N	35	35	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	R	<10	<10	<10	**5.3 J**	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1
JW-SB/SG22	JW-SB22-0.5	03/18/2015	N	0.5	0.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	R	<11	<11	<11	**23**	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
JW-SB/SG22	JW-SB22-2	03/18/2015	N	2	2	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	R	<12	<12	<12	**12**	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8
JW-SB/SG22	JW-SB22-5	03/18/2015	N	5	5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	R	<11	<11	<11	**34**	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
JW-SB/SG22	JW-SB22-15	03/18/2015	N	15	15	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	R	<10	<10	<10	**16**	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2
JW-SB/SG22	JW-SB22-25	03/18/2015	N	25	25	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	R	<10	<10	<10	**43**	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2
JW-SB/SG22	JW-SB22-35	03/18/2015	N	35	35	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	R	<11	<11	<11	**20**	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
JW-SB/SG23	JW-SB23-0.5	03/19/2015	N	0.5	0.5	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	R	<11	<11	<11	**10 J**	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7
JW-SB/SG23	JW-SB23-2	03/19/2015	N	2	2	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	R	<12	<12	<12	**5.8 J**	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Volatiles (in ug/kg)																								
						Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethylene	cis-1,3-Dichloropropene	Cyclohexane	Dibromochloromethane	Dichlorodifluoromethane	Ethylbenzene	Isopropylbenzene (Cumene)	m,p-Xylene	Methyl Acetate	Methylcyclohexane	Methylene Chloride	o-Xylene	Styrene	tert-Butyl Methyl Ether (MTBE)	Tetrachloroethene (PCE)	Toluene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Vinyl Chloride
JW-SB/SG18	JW-SB18-2	03/11/2015	N	2	2	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9
JW-SB/SG18	JW-SB18-5	03/11/2015	N	5	5	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3
JW-SB/SG18	JW-SB18-15	03/11/2015	N	15	15	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
JW-SB/SG18	JW-SB18-16	03/11/2015	FD	15	15	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3
JW-SB/SG18	JW-SB18-25	03/11/2015	N	25	25	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	**1.7 J**	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
JW-SB/SG18	JW-SB18-35	03/11/2015	N	35	35	<5.5	<5.5	**3.1 J**	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
JW-SB/SG19	JW-SB19-0.5	03/09/2015	N	0.5	0.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG19	JW-SB19-0.5	03/09/2015	N	0.5	0.5	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	**0.61 J**	<5.3	<5.3	**0.95 J**	<5.3	<5.3
JW-SB/SG19	JW-SB19-2	03/09/2015	N	2	2	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6
JW-SB/SG19	JW-SB19-5	03/09/2015	N	5	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
JW-SB/SG19	JW-SB19-15	03/09/2015	N	15	15	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9
JW-SB/SG19	JW-SB19-25	03/09/2015	N	25	25	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
JW-SB/SG19	JW-SB19-35	03/09/2015	N	35	35	<6.7	<6.7	**5.1 J**	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7
JW-SB/SG20	JW-SB20-0.5	03/18/2015	N	0.5	0.5	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	**0.63 J**	<5.2	<5.2	<5.2	<5.2	<5.2
JW-SB/SG20	JW-SB20-2	03/18/2015	N	2	2	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	**0.46 J**	<4.6	<4.6	<4.6	<4.6	<4.6
JW-SB/SG20	JW-SB20-5	03/18/2015	N	5	5	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	**0.51 J**	<4.4	<4.4	<4.4	<4.4	<4.4
JW-SB/SG20	JW-SB20-15	03/18/2015	N	15	15	<4.8	<4.8	**4.5 J**	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	**3.3 J**	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
JW-SB/SG20	JW-SB20-25	03/18/2015	N	25	25	<5.4	<5.4	**7.1**	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4
JW-SB/SG20	JW-SB20-35	03/18/2015	N	35	35	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4
JW-SB/SG21	JW-SB21-0.5	03/17/2015	N	0.5	0.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	**0.88 J**	**0.59 J**	<4.8	<4.8	<4.8	<4.8	<4.8
JW-SB/SG21	JW-SB21-2	03/17/2015	N	2	2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2
JW-SB/SG21	JW-SB21-5	03/17/2015	N	5	5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5
JW-SB/SG21	JW-SB21-6	03/17/2015	FD	5	5	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9
JW-SB/SG21	JW-SB21-15	03/17/2015	N	15	15	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6
JW-SB/SG21	JW-SB21-25	03/17/2015	N	25	25	<5.7	<5.7	**8.9**	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7
JW-SB/SG21	JW-SB21-35	03/17/2015	N	35	35	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1
JW-SB/SG22	JW-SB22-0.5	03/18/2015	N	0.5	0.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	**0.71 J**	<5.5	<5.5	<5.5	<5.5	<5.5
JW-SB/SG22	JW-SB22-2	03/18/2015	N	2	2	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8
JW-SB/SG22	JW-SB22-5	03/18/2015	N	5	5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	**0.93 J**	<5.5	<5.5	<5.5	<5.5	<5.5
JW-SB/SG22	JW-SB22-15	03/18/2015	N	15	15	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2
JW-SB/SG22	JW-SB22-25	03/18/2015	N	25	25	<5.2	<5.2	**10**	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2
JW-SB/SG22	JW-SB22-35	03/18/2015	N	35	35	<5.5	<5.5	**5.2 J**	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
JW-SB/SG23	JW-SB23-0.5	03/19/2015	N	0.5	0.5	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	**0.55 J**	<5.7	<5.7	<5.7	<5.7	<5.7
JW-SB/SG23	JW-SB23-2	03/19/2015	N	2	2	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	**0.56 J**	<5.8	<5.8	<5.8	<5.8	<5.8

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Semivolatiles (in ug/kg)																								
						1,2,4,5-Tetrachlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Chloronaphthalene	2-Chlorophenol	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	2-Nitroaniline	2-Nitrophenol	3,3'-Dichlorobenzidine	3-Nitroaniline	4,6-Dinitro-2-Methylphenol	4-Bromophenyl phenyl ether	4-Chloro-3-Methylphenol	4-Chloroaniline	4-Chlorophenyl Phenyl Ether	4-Methylphenol (p-Cresol)	4-Nitroaniline	4-Nitrophenol
JW-SB/SG18	JW-SB18-2	03/11/2015	N	2	2	<200	<200	<200	<200	<200	<200	<380	<200	<200	<200	<200	<200	<200	<380	<200	<200	<380	<380	<200	<200	<200	<200	<200	<380	<380
JW-SB/SG18	JW-SB18-5	03/11/2015	N	5	5	<190	<190	<190	<190	<190	<190	<370	<190	<190	<190	<190	<190	<190	<370	<190	<190	<370	<370	<190	<190	<190	<190	<190	<370	<370
JW-SB/SG18	JW-SB18-15	03/11/2015	N	15	15	<190	<190	<190	<190	<190	<190	<370	<190	<190	<190	<190	<190	<190	<370	<190	<190	<370	<370	<190	<190	<190	<190	<190	<370	<370
JW-SB/SG18	JW-SB18-16	03/11/2015	FD	15	15	<210	<210	<210	<210	<210	<210	<410	<210	<210	<210	<210	<210	<210	<410	<210	<210	<410	<410	<210	<210	<210	<210	<210	<410	<410
JW-SB/SG18	JW-SB18-25	03/11/2015	N	25	25	<220	<220	<220	<220	<220	<220	<430	<220	<220	<220	<220	<220	<220	<430	<220	<220	<430	<430	<220	<220	<220	<220	<220	<430	<430
JW-SB/SG18	JW-SB18-35	03/11/2015	N	35	35	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	<180	<180	<180	<350	<180	<180	<350	<350	<180	<180	<180	<180	<180	<350	<350
JW-SB/SG19	JW-SB19-0.5	03/09/2015	N	0.5	0.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG19	JW-SB19-0.5	03/09/2015	N	0.5	0.5	<190	<190	<190	<190	<190	<190	<370	<190	<190	<190	<190	<190	<190	<370	<190	<190	<370	<370	<190	<190	<190	<190	<190	<370	<370
JW-SB/SG19	JW-SB19-2	03/09/2015	N	2	2	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	<180	<180	<180	<350	<180	<180	<350	<350	<180	<180	<180	<180	<180	<350	<350
JW-SB/SG19	JW-SB19-5	03/09/2015	N	5	5	<190	<190	<190	<190	<190	<190	<370	<190	<190	<190	<190	<190	<190	<370	<190	<190	<370	<370	<190	<190	<190	<190	<190	<370	<370
JW-SB/SG19	JW-SB19-15	03/09/2015	N	15	15	<220	<220	<220	<220	<220	<220	<420	<220	<220	<220	<220	<220	<220	<420	<220	<220	<420	<420	<220	<220	<220	<220	<220	<420	<420
JW-SB/SG19	JW-SB19-25	03/09/2015	N	25	25	<200	<200	<200	<200	<200	<200	<390	<200	<200	<200	<200	<200	<200	<390	<200	<200	<390	<390	<200	<200	<200	<200	<200	<390	<390
JW-SB/SG19	JW-SB19-35	03/09/2015	N	35	35	<180	<180	<180	<180	<180	<180	<360	<180	<180	<180	<180	<180	<180	<360	<180	<180	<360	<360	<180	<180	<180	<180	<180	<360	<360
JW-SB/SG20	JW-SB20-0.5	03/18/2015	N	0.5	0.5	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	<180	<180	<180	<350	<180	<180	<350	<350	<180	<180	<180	<180	<180	<350	<350
JW-SB/SG20	JW-SB20-2	03/18/2015	N	2	2	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	<180	<180	<180	<350	<180	<180	<350	<350	<180	<180	<180	<180	<180	<350	<350
JW-SB/SG20	JW-SB20-5	03/18/2015	N	5	5	<180	<180	<180	<180	<180	<180	<360	<180	<180	<180	<180	<180	<180	<360	<180	<180	<360	<360	<180	<180	<180	<180	<180	<360	<360
JW-SB/SG20	JW-SB20-15	03/18/2015	N	15	15	<210	<210	<210	<210	<210	<210	<400	<210	<210	<210	<210	<210	<210	<400	<210	<210	<400	<400	<210	<210	<210	<210	<210	<400	<400
JW-SB/SG20	JW-SB20-25	03/18/2015	N	25	25	<210	<210	<210	<210	<210	<210	<400	<210	<210	<210	<210	<210	<210	<400	<210	<210	<400	<400	<210	<210	<210	<210	<210	<400	<400
JW-SB/SG20	JW-SB20-35	03/18/2015	N	35	35	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	<180	<180	<180	<350	<180	<180	<350	<350	<180	<180	<180	<180	<180	<350	<350
JW-SB/SG21	JW-SB21-0.5	03/17/2015	N	0.5	0.5	<190	<190	<190	<190	<190	<190	<360	<190	<190	<190	<190	<190	<190	<360	<190	<190	<360	<360	<190	<190	<190	<190	<190	<360	<360
JW-SB/SG21	JW-SB21-2	03/17/2015	N	2	2	<180	<180	<180	<180	<180	<180	<360	<180	<180	<180	<180	<180	<180	<360	<180	<180	<360	<360	<180	<180	<180	<180	<180	<360	<360
JW-SB/SG21	JW-SB21-5	03/17/2015	N	5	5	<200	<200	<200	<200	<200	<200	<390	<200	<200	<200	<200	<200	<200	<390	<200	<200	<390	<390	<200	<200	<200	<200	<200	<390	<390
JW-SB/SG21	JW-SB21-6	03/17/2015	FD	5	5	<220	<220	<220	<220	<220	<220	<430	<220	<220	<220	<220	<220	<220	<430	<220	<220	<430	<430	<220	<220	<220	<220	<220	<430	<430
JW-SB/SG21	JW-SB21-15	03/17/2015	N	15	15	<200	<200	<200	<200	<200	<200	<380	<200	<200	<200	<200	<200	<200	<380	<200	<200	<380	<380	<200	<200	<200	<200	<200	<380	<380
JW-SB/SG21	JW-SB21-25	03/17/2015	N	25	25	<220	<220	<220	<220	<220	<220	<420	<220	<220	<220	<220	<220	<220	<420	<220	<220	<420	<420	<220	<220	<220	<220	<220	<420	<420
JW-SB/SG21	JW-SB21-35	03/17/2015	N	35	35	<170	<170	<170	<170	<170	<170	<340	<170	<170	<170	<170	<170	<170	<340	<170	<170	<340	<340	<170	<170	<170	<170	<170	<340	<340
JW-SB/SG22	JW-SB22-0.5	03/18/2015	N	0.5	0.5	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	<180	<180	<180	<350	<180	<180	<350	<350	<180	<180	<180	<180	<180	<350	<350
JW-SB/SG22	JW-SB22-2	03/18/2015	N	2	2	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	<180	<180	<180	<350	<180	<180	<350	<350	<180	<180	<180	<180	<180	<350	<350
JW-SB/SG22	JW-SB22-5	03/18/2015	N	5	5	<190	<190	<190	<190	<190	<190	<370	<190	<190	<190	<190	<190	<190	<370	<190	<190	<370	<370	<190	<190	<190	<190	<190	<370	<370
JW-SB/SG22	JW-SB22-15	03/18/2015	N	15	15	<200	<200	<200	<200	<200	<200	<390	<200	<200	<200	<200	<200	<200	<390	<200	<200	<390	<390	<200	<200	<200	<200	<200	<390	<390
JW-SB/SG22	JW-SB22-25	03/18/2015	N	25	25	<200	<200	<200	<200	<200	<200	<380	<200	<200	<200	<200	<200	<200	<380	<200	<200	<380	<380	<200	<200	<200	<200	<200	<380	<380
JW-SB/SG22	JW-SB22-35	03/18/2015	N	35	35	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	<180	<180	<180	<350	<180	<180	<350	<350	<180	<180	<180	<180	<180	<350	<350
JW-SB/SG23	JW-SB23-0.5	03/19/2015	N	0.5	0.5	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	<180	<180	<180	<350	<180	<180	<350	<350	<180	<180	<180	<180	<180	<350	<350
JW-SB/SG23	JW-SB23-2	03/19/2015	N	2	2	<170	<170	<170	<170	<170	<170	<340	<170	<170	<170	<170	<170	<170	<340	<170	<170	<340	<340	<170	<170	<170	<170	<170	<340	<340

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Semivolatiles (in ug/kg)																								
						Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benzaldehyde	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzyl butyl phthalate	Biphenyl (Diphenyl)	bis(2-Chloroethoxy) Methane	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	bis(2-Chloroisopropyl) Ether	bis(2-Ethylhexyl) Phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Diethyl Phthalate	Dimethyl Phthalate	Di-n-Butyl Phthalate
JW-SB/SG18	JW-SB18-2	03/11/2015	N	2	2	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
JW-SB/SG18	JW-SB18-5	03/11/2015	N	5	5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190
JW-SB/SG18	JW-SB18-15	03/11/2015	N	15	15	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190
JW-SB/SG18	JW-SB18-16	03/11/2015	FD	15	15	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210
JW-SB/SG18	JW-SB18-25	03/11/2015	N	25	25	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220
JW-SB/SG18	JW-SB18-35	03/11/2015	N	35	35	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG19	JW-SB19-0.5	03/09/2015	N	0.5	0.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG19	JW-SB19-0.5	03/09/2015	N	0.5	0.5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190
JW-SB/SG19	JW-SB19-2	03/09/2015	N	2	2	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG19	JW-SB19-5	03/09/2015	N	5	5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190
JW-SB/SG19	JW-SB19-15	03/09/2015	N	15	15	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220
JW-SB/SG19	JW-SB19-25	03/09/2015	N	25	25	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
JW-SB/SG19	JW-SB19-35	03/09/2015	N	35	35	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG20	JW-SB20-0.5	03/18/2015	N	0.5	0.5	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG20	JW-SB20-2	03/18/2015	N	2	2	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG20	JW-SB20-5	03/18/2015	N	5	5	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG20	JW-SB20-15	03/18/2015	N	15	15	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210
JW-SB/SG20	JW-SB20-25	03/18/2015	N	25	25	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210
JW-SB/SG20	JW-SB20-35	03/18/2015	N	35	35	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG21	JW-SB21-0.5	03/17/2015	N	0.5	0.5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	**56 J**	<190	<190	<190	<190	**130 J**	<190	<190	<190	<190	<190	<190	<190	**65 J**
JW-SB/SG21	JW-SB21-2	03/17/2015	N	2	2	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG21	JW-SB21-5	03/17/2015	N	5	5	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
JW-SB/SG21	JW-SB21-6	03/17/2015	FD	5	5	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220
JW-SB/SG21	JW-SB21-15	03/17/2015	N	15	15	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
JW-SB/SG21	JW-SB21-25	03/17/2015	N	25	25	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220
JW-SB/SG21	JW-SB21-35	03/17/2015	N	35	35	<170	<170	**40 J**	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
JW-SB/SG22	JW-SB22-0.5	03/18/2015	N	0.5	0.5	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG22	JW-SB22-2	03/18/2015	N	2	2	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG22	JW-SB22-5	03/18/2015	N	5	5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190
JW-SB/SG22	JW-SB22-15	03/18/2015	N	15	15	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
JW-SB/SG22	JW-SB22-25	03/18/2015	N	25	25	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
JW-SB/SG22	JW-SB22-35	03/18/2015	N	35	35	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG23	JW-SB23-0.5	03/19/2015	N	0.5	0.5	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG23	JW-SB23-2	03/19/2015	N	2	2	<170	<170	<170	<170	<170	<170	**29 J**	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	**37 J**	<170	<170	<170	<170	<170

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Di-n-Octylphthalate	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-c,d)pyrene	Isophorone	Naphthalene	Nitrobenzene	n-Nitrosodi-n-propylamine	n-Nitrosodiphenylamine	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Metals by E200.7 (in mg/kg)						
																							Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium
JW-SB/SG18	JW-SB18-2	03/11/2015	N	2	2	<200	**46 J**	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<380	<200	<200	<200	**9,760**	--	--	--	--	--	**5,150**
JW-SB/SG18	JW-SB18-5	03/11/2015	N	5	5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<370	<190	<190	<190	**12,700**	--	--	--	--	--	**7,370**
JW-SB/SG18	JW-SB18-15	03/11/2015	N	15	15	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<370	<190	<190	<190	**12,500**	--	--	--	--	--	**8,650**
JW-SB/SG18	JW-SB18-16	03/11/2015	FD	15	15	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<410	<210	<210	<210	**10,300**	--	--	--	--	--	**6,660**
JW-SB/SG18	JW-SB18-25	03/11/2015	N	25	25	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<430	<220	<220	<220	**18,900**	--	--	--	--	--	**19,200**
JW-SB/SG18	JW-SB18-35	03/11/2015	N	35	35	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	**6,130**	--	--	--	--	--	**4,440**
JW-SB/SG19	JW-SB19-0.5	03/09/2015	N	0.5	0.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**11,800**	--	--	--	--	--	**6,430**
JW-SB/SG19	JW-SB19-0.5	03/09/2015	N	0.5	0.5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<370	<190	<190	<190	--	--	--	--	--	--	--
JW-SB/SG19	JW-SB19-2	03/09/2015	N	2	2	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	**7,320**	--	--	--	--	--	**4,090**
JW-SB/SG19	JW-SB19-5	03/09/2015	N	5	5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<370	<190	<190	<190	**13,300**	--	--	--	--	--	**6,950**
JW-SB/SG19	JW-SB19-15	03/09/2015	N	15	15	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<420	<220	<220	<220	**13,500**	--	--	--	--	--	**8,250**
JW-SB/SG19	JW-SB19-25	03/09/2015	N	25	25	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<390	<200	<200	<200	**18,300**	--	--	--	--	--	**29,300**
JW-SB/SG19	JW-SB19-35	03/09/2015	N	35	35	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<360	<180	<180	<180	**7,760**	--	--	--	--	--	**8,460**
JW-SB/SG20	JW-SB20-0.5	03/18/2015	N	0.5	0.5	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	**10,700**	--	--	--	--	--	**6,790**
JW-SB/SG20	JW-SB20-2	03/18/2015	N	2	2	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	**11,500**	--	--	--	--	--	**6,330**
JW-SB/SG20	JW-SB20-5	03/18/2015	N	5	5	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<360	<180	<180	<180	**12,100**	--	--	--	--	--	**7,480**
JW-SB/SG20	JW-SB20-15	03/18/2015	N	15	15	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<400	<210	<210	<210	**17,100**	--	--	--	--	--	**13,300**
JW-SB/SG20	JW-SB20-25	03/18/2015	N	25	25	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<400	<210	<210	<210	**18,700**	--	--	--	--	--	**21,700**
JW-SB/SG20	JW-SB20-35	03/18/2015	N	35	35	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	**7,810**	--	--	--	--	--	**5,990**
JW-SB/SG21	JW-SB21-0.5	03/17/2015	N	0.5	0.5	<190	**36 J**	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<360	<190	<190	<190	**10,100**	--	--	--	--	--	**6,670**
JW-SB/SG21	JW-SB21-2	03/17/2015	N	2	2	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<360	<180	<180	<180	**8,100**	--	--	--	--	--	**5,510**
JW-SB/SG21	JW-SB21-5	03/17/2015	N	5	5	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<390	<200	<200	<200	**18,800**	--	--	--	--	--	**19,100**
JW-SB/SG21	JW-SB21-6	03/17/2015	FD	5	5	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<430	<220	<220	<220	**18,100**	--	--	--	--	--	**13,200**
JW-SB/SG21	JW-SB21-15	03/17/2015	N	15	15	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<380	<200	<200	<200	**13,000**	--	--	--	--	--	**7,200**
JW-SB/SG21	JW-SB21-25	03/17/2015	N	25	25	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<220	<420	<220	<220	<220	**18,900**	--	--	--	--	--	**34,700**
JW-SB/SG21	JW-SB21-35	03/17/2015	N	35	35	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<340	<170	<170	<170	**7,840**	--	--	--	--	--	**3,890**
JW-SB/SG22	JW-SB22-0.5	03/18/2015	N	0.5	0.5	<180	**32 J**	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	**8,840**	--	--	--	--	--	**5,210**
JW-SB/SG22	JW-SB22-2	03/18/2015	N	2	2	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	**6,530**	--	--	--	--	--	**3,930**
JW-SB/SG22	JW-SB22-5	03/18/2015	N	5	5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<370	<190	<190	<190	**15,500**	--	--	--	--	--	**9,880**
JW-SB/SG22	JW-SB22-15	03/18/2015	N	15	15	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<390	<200	<200	<200	**16,600**	--	--	--	--	--	**6,870**
JW-SB/SG22	JW-SB22-25	03/18/2015	N	25	25	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<380	<200	<200	<200	**15,600**	--	--	--	--	--	**10,200**
JW-SB/SG22	JW-SB22-35	03/18/2015	N	35	35	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	**8,440**	--	--	--	--	--	**5,250**
JW-SB/SG23	JW-SB23-0.5	03/19/2015	N	0.5	0.5	<180	**43 J**	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	**11,700**	--	--	--	--	--	**7,260**
JW-SB/SG23	JW-SB23-2	03/19/2015	N	2	2	<170	**59 J**	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<340	<170	<170	<170	**9,520**	--	--	--	--	--	**5,140**

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

							Metals by E200.7 (in mg/kg)														Metals by E200.8 (in mg/kg)						
Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt
JW-SB/SG18	JW-SB18-2	03/11/2015	N	2	2	--	--	--	17,600	--	5,670	--	--	3,870	--	--	230 J	--	--	--	<0.77	1.2	126	0.31 J	<0.39	13.8	7.7
JW-SB/SG18	JW-SB18-5	03/11/2015	N	5	5	--	--	--	21,100	--	6,510	--	--	3,740	--	--	459	--	--	--	<0.8	1.9	128	0.43	<0.4	16.4	9.1
JW-SB/SG18	JW-SB18-15	03/11/2015	N	15	15	--	--	--	21,300	--	7,100	--	--	3,790	--	--	1,170	--	--	--	<0.91	2.4	164	0.52	<0.45	21.2	11.3
JW-SB/SG18	JW-SB18-16	03/11/2015	FD	15	15	--	--	--	18,200	--	5,710	--	--	3,250	--	--	515	--	--	--	<0.84	1.7	120	0.36 J	<0.42	14.7	8.1
JW-SB/SG18	JW-SB18-25	03/11/2015	N	25	25	--	--	--	29,200	--	10,900	--	--	6,110	--	--	1,910	--	--	--	<0.94	3.2	254	0.69	<0.47	29.4	15.7
JW-SB/SG18	JW-SB18-35	03/11/2015	N	35	35	--	--	--	11,300	--	3,510	--	--	2,000	--	--	417	--	--	--	<0.74	7.1	68.1	0.2 J	<0.37	6.8	4.3
JW-SB/SG19	JW-SB19-0.5	03/09/2015	N	0.5	0.35	--	--	--	20,900	--	6,390	--	--	4,210	--	--	309 J	--	--	--	<0.79	1.5	121	0.35 J	0.14 J	14.2	7.9 J
JW-SB/SG19	JW-SB19-0.5	03/09/2015	N	0.5	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG19	JW-SB19-2	03/09/2015	N	2	2	--	--	--	14,800	--	4,000	--	--	2,970	--	--	199 J	--	--	--	<0.72	0.71	71.2	0.21 J	0.092 J	7.9	5.2 J
JW-SB/SG19	JW-SB19-5	03/09/2015	N	5	5	--	--	--	22,500	--	6,650	--	--	4,710	--	--	329 J	--	--	--	<0.79	1.6	121	0.41 J	0.14 J	15.6	9.7 J
JW-SB/SG19	JW-SB19-15	03/09/2015	N	15	15	--	--	--	22,900	--	7,040	--	--	4,310	--	--	471	--	--	--	<0.89	1.8	117	0.37 J	0.17 J	15.5	8.8 J
JW-SB/SG19	JW-SB19-25	03/09/2015	N	25	25	--	--	--	26,900	--	10,200	--	--	4,770	--	--	2,530	--	--	--	<0.88	2	162	0.53 J	0.15 J	21.6	12.1 J
JW-SB/SG19	JW-SB19-35	03/09/2015	N	35	35	--	--	--	16,000	--	4,730	--	--	2,530	--	--	588	--	--	--	<0.79	9.4	79.9	0.23 J	<0.4	9.3	5
JW-SB/SG20	JW-SB20-0.5	03/18/2015	N	0.5	0.5	--	--	--	20,300	--	5,510	--	--	4,050	--	--	302 J	--	--	--	<0.8	1.9	119	0.37 J	0.25 J	41.7	10.6
JW-SB/SG20	JW-SB20-2	03/18/2015	N	2	2	--	--	--	20,400	--	5,920	--	--	4,220	--	--	347 J	--	--	--	<0.82	1.6	118	0.33 J	0.15 J	14	10
JW-SB/SG20	JW-SB20-5	03/18/2015	N	5	5	--	--	--	21,100	--	5,970	--	--	3,960	--	--	421	--	--	--	<0.77	1.5	125	0.39	0.14 J	14.9	10.5
JW-SB/SG20	JW-SB20-15	03/18/2015	N	15	15	--	--	--	26,300	--	8,410	--	--	5,040	--	--	1,800	--	--	--	<0.87	1.8	182	0.64	0.27 J	22.1	13.9
JW-SB/SG20	JW-SB20-25	03/18/2015	N	25	25	--	--	--	30,200	--	10,600	--	--	5,760	--	--	1,700	--	--	--	<0.93	3	235	0.66	0.37 J	28.4	17.3
JW-SB/SG20	JW-SB20-35	03/18/2015	N	35	35	--	--	--	16,400	--	4,420	--	--	2,790	--	--	326 J	--	--	--	<0.77	8.1	83.9	0.21 J	0.077 J	8.3	7.5
JW-SB/SG21	JW-SB21-0.5	03/17/2015	N	0.5	0.5	--	--	--	43,600	--	4,790	--	--	3,690	--	--	354 J	--	--	--	<0.81	3.2	139	0.29 J	1.6	94.9	11.7
JW-SB/SG21	JW-SB21-2	03/17/2015	N	2	2	--	--	--	16,700	--	4,310	--	--	3,390	--	--	221 J	--	--	--	<0.75	0.9	84.5	0.2 J	0.11 J	14.4	6.8
JW-SB/SG21	JW-SB21-5	03/17/2015	N	5	5	--	--	--	29,100	--	9,110	--	--	4,730	--	--	668	--	--	--	<0.85	2.3	177	0.56	0.28 J	22.5	14.2
JW-SB/SG21	JW-SB21-6	03/17/2015	FD	5	5	--	--	--	28,900	--	8,960	--	--	4,700	--	--	619	--	--	--	<0.87	2.3	175	0.54	0.27 J	22.7	13.9
JW-SB/SG21	JW-SB21-15	03/17/2015	N	15	15	--	--	--	21,600	--	6,770	--	--	4,440	--	--	472	--	--	--	<0.87	1.3	142	0.42 J	0.15 J	18.2	11.6
JW-SB/SG21	JW-SB21-25	03/17/2015	N	25	25	--	--	--	31,600	--	11,300	--	--	6,260	--	--	1,920	--	--	--	<0.9	2.5	230	0.55	0.49	36	18
JW-SB/SG21	JW-SB21-35	03/17/2015	N	35	35	--	--	--	15,100	--	4,360	--	--	2,590	--	--	428	--	--	--	<0.73	6.5	77.6	0.23 J	0.074 J	8.6	8.7
JW-SB/SG22	JW-SB22-0.5	03/18/2015	N	0.5	0.5	--	--	--	16,500	--	5,070	--	--	3,550	--	--	260 J	--	--	--	<0.74	1.3	99	<0.37	<0.37	13.1	7.1
JW-SB/SG22	JW-SB22-2	03/18/2015	N	2	2	--	--	--	13,200	--	3,740	--	--	2,470	--	--	188 J	--	--	--	<0.74	0.73	69.4	<0.37	<0.37	7.6	4.9
JW-SB/SG22	JW-SB22-5	03/18/2015	N	5	5	--	--	--	25,400	--	8,380	--	--	4,090	--	--	538	--	--	--	<0.83	2.2	161	0.54	<0.41	21.4	12.3
JW-SB/SG22	JW-SB22-15	03/18/2015	N	15	15	--	--	--	27,200	--	9,190	--	--	5,150	--	--	1,270	--	--	--	<0.88	2.8	213	0.57	<0.44	24	13.2
JW-SB/SG22	JW-SB22-25	03/18/2015	N	25	25	--	--	--	26,600	--	9,870	--	--	5,230	--	--	1,400	--	--	--	<0.83	2.6	177	0.51	<0.41	21.8	13.1
JW-SB/SG22	JW-SB22-35	03/18/2015	N	35	35	--	--	--	15,200	--	5,240	--	--	2,800	--	--	465	--	--	--	<0.77	12	97.6	<0.39	<0.39	10.4	6.8
JW-SB/SG23	JW-SB23-0.5	03/19/2015	N	0.5	0.5	--	--	--	21,400	--	6,870	--	--	4,660	--	--	460	--	--	--	<0.74	1.4	139	0.38	<0.37	23.5	9.9
JW-SB/SG23	JW-SB23-2	03/19/2015	N	2	2	--	--	--	17,100	--	5,610	--	--	4,170	--	--	279 J	--	--	--	<0.73	1.2	106	<0.37	<0.37	12.6	7.4

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

						Metals by E200.8 (in mg/kg)									Metals by SW7196A (in mg/kg)	Metals by C245.5 (in mg/kg)
Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Copper	Lead	Manganese	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Chromium, Hexavalent	Mercury
JW-SB/SG18	JW-SB18-2	03/11/2015	N	2	2	**13.3**	**3.1**	**287**	**11.1**	**0.058 J**	<0.39	**0.18 J**	**32**	**53**	--	**0.033 J**
JW-SB/SG18	JW-SB18-5	03/11/2015	N	5	5	**18.9**	**4.6**	**369**	**13.4**	**0.08 J**	<0.4	**0.19 J**	**37.7**	**61.9**	--	**0.056 J**
JW-SB/SG18	JW-SB18-15	03/11/2015	N	15	15	**25.4**	**5.4**	**384**	**17**	**0.029 J**	<0.45	**0.24 J**	**46**	**70.8**	--	**0.052 J**
JW-SB/SG18	JW-SB18-16	03/11/2015	FD	15	15	**16**	**4**	**522**	**11.5**	<2.1	<0.42	**0.17 J**	**34.5**	**53.8**	--	**0.13**
JW-SB/SG18	JW-SB18-25	03/11/2015	N	25	25	**36.4**	**6.4**	**635**	**23.1**	**0.31 J**	<0.47	**0.28 J**	**61.7**	**99**	--	**0.056 J**
JW-SB/SG18	JW-SB18-35	03/11/2015	N	35	35	**6.8**	**1.8**	**183**	**5.7**	**0.039 J**	<0.37	**0.089 J**	**16.8**	**29.2**	--	**0.032 J**
JW-SB/SG19	JW-SB19-0.5	03/09/2015	N	0.5	0.35	**16.3 J**	**3.8**	**334**	**11.3**	**0.054 J**	**0.026 J**	**0.18 J**	**32.4**	**55**	--	**0.032 J**
JW-SB/SG19	JW-SB19-0.5	03/09/2015	N	0.5	0.5	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG19	JW-SB19-2	03/09/2015	N	2	2	**8.7 J**	**2.5**	**188**	**6.4**	**0.062 J**	**0.013 J**	**0.11 J**	**19.4**	**36.9**	--	**0.055 J**
JW-SB/SG19	JW-SB19-5	03/09/2015	N	5	5	**17.7 J**	**4.2**	**363**	**11.9**	**0.067 J**	**0.032 J**	**0.18 J**	**35.2**	**56.1**	--	**0.052 J**
JW-SB/SG19	JW-SB19-15	03/09/2015	N	15	15	**19.2 J**	**4.8**	**410**	**11.9**	**0.061 J**	**0.031 J**	**0.18 J**	**33.1**	**59.1**	--	**0.081 J**
JW-SB/SG19	JW-SB19-25	03/09/2015	N	25	25	**24.7 J**	**4.7**	**440**	**16.5**	**0.048 J**	**0.066 J**	**0.22 J**	**46.7**	**71.6**	--	**0.11**
JW-SB/SG19	JW-SB19-35	03/09/2015	N	35	35	**9.5**	**1.8**	**225**	**7.4**	**0.085 J**	<0.4	**0.13 J**	**22.4**	**38.1**	--	**0.042 J**
JW-SB/SG20	JW-SB20-0.5	03/18/2015	N	0.5	0.5	**27.5**	**24.6**	**364**	**22.5**	<2	**0.041 J**	**0.17 J**	**32.8**	**81.3**	--	**0.094 J**
JW-SB/SG20	JW-SB20-2	03/18/2015	N	2	2	**15.3**	**5.3**	**327**	**11.2**	<2	**0.022 J**	**0.17 J**	**32**	**55.3**	--	**0.044 J**
JW-SB/SG20	JW-SB20-5	03/18/2015	N	5	5	**17.5**	**4.9**	**354**	**11.8**	<1.9	**0.023 J**	**0.18 J**	**34.6**	**59.8**	--	**0.042 J**
JW-SB/SG20	JW-SB20-15	03/18/2015	N	15	15	**29.2**	**6.2**	**475**	**17.3**	<2.2	**0.043 J**	**0.24 J**	**46.9**	**79.5**	--	**0.059 J**
JW-SB/SG20	JW-SB20-25	03/18/2015	N	25	25	**32.9**	**5.7**	**747**	**22.5**	<2.3	**0.052 J**	**0.3 J**	**64**	**92.8**	--	**0.12**
JW-SB/SG20	JW-SB20-35	03/18/2015	N	35	35	**9.2**	**2.1**	**235**	**6.9**	<1.9	<0.38	**0.12 J**	**21.4**	**36.3**	--	**0.049 J**
JW-SB/SG21	JW-SB21-0.5	03/17/2015	N	0.5	0.5	**82.9 J**	**305**	**586**	**25.4**	<2	**0.2 J**	**0.15 J**	**29.8**	**480**	--	**0.085 J**
JW-SB/SG21	JW-SB21-2	03/17/2015	N	2	2	**11.8**	**5.6**	**227**	**8.3**	<1.9	**0.012 J**	**0.13 J**	**22.1**	**40.8**	--	**0.032 J**
JW-SB/SG21	JW-SB21-5	03/17/2015	N	5	5	**25.8**	**6**	**461**	**17.3**	<2.1	**0.042 J**	**0.26 J**	**46.7**	**76.8**	--	**0.079 J**
JW-SB/SG21	JW-SB21-6	03/17/2015	FD	5	5	**26.2**	**6**	**483**	**17.3**	<2.2	**0.04 J**	**0.26 J**	**46.8**	**76.4**	--	**0.075 J**
JW-SB/SG21	JW-SB21-15	03/17/2015	N	15	15	**18.8**	**4.6**	**339**	**13.2**	<2.2	**0.028 J**	**0.21 J**	**34.9**	**59.8**	--	**0.043 J**
JW-SB/SG21	JW-SB21-25	03/17/2015	N	25	25	**30.9**	**5.3**	**702**	**26.7**	<2.3	**0.044 J**	**0.3 J**	**55.7**	**88.4**	--	**0.048 J**
JW-SB/SG21	JW-SB21-35	03/17/2015	N	35	35	**10.1**	**2.1**	**222**	**6.9**	<1.8	**0.023 J**	**0.13 J**	**27**	**37.2**	--	**0.065 J**
JW-SB/SG22	JW-SB22-0.5	03/18/2015	N	0.5	0.5	**13.8**	**30.1**	**265**	**9**	**0.076 J**	<0.37	<0.37	**26.4**	**72.2**	--	**0.046 J**
JW-SB/SG22	JW-SB22-2	03/18/2015	N	2	2	**6.9**	**2.2**	**188**	**5.9**	**0.023 J**	<0.37	<0.37	**19.4**	**32.6**	--	**0.022 J**
JW-SB/SG22	JW-SB22-5	03/18/2015	N	5	5	**22.8**	**5.7**	**477**	**16.4**	**0.063 J**	<0.41	<0.41	**46.6**	**75.8**	--	**0.11**
JW-SB/SG22	JW-SB22-15	03/18/2015	N	15	15	**22.9**	**5.3**	**403**	**17.7**	**0.24 J**	<0.44	<0.44	**52.6**	**80.7**	--	**0.052 J**
JW-SB/SG22	JW-SB22-25	03/18/2015	N	25	25	**21.6**	**4.2**	**464**	**16.7**	**0.084 J**	<0.41	<0.41	**46.2**	**80.6**	--	**0.054 J**
JW-SB/SG22	JW-SB22-35	03/18/2015	N	35	35	**9.6**	**2.4**	**267**	**8.2**	**0.08 J**	<0.39	<0.39	**27.6**	**44.7**	--	**0.1**
JW-SB/SG23	JW-SB23-0.5	03/19/2015	N	0.5	0.5	**16.9**	**8.7**	**336**	**13.5**	**0.093 J**	<0.37	<0.37	**35.8**	**106**	--	**0.027 J**
JW-SB/SG23	JW-SB23-2	03/19/2015	N	2	2	**12.9**	**9.4**	**275**	**9.8**	**0.069 J**	<0.37	<0.37	**29.2**	**59.1**	--	**0.039 J**

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

						PCBs by SW8082 (in ug/kg)								
Location ID	**Sample ID**	**Sample Date**	**Sample Type**	**Top Sample Depth**	**Bottom Sample Depth**	**PCB-1016 (Arochlor 1016)**	**PCB-1221 (Arochlor 1221)**	**PCB-1232 (Arochlor 1232)**	**PCB-1242 (Arochlor 1242)**	**PCB-1248 (Arochlor 1248)**	**PCB-1254 (Arochlor 1254)**	**PCB-1260 (Arochlor 1260)**	**PCB-1262 (Arochlor 1262)**	**PCB-1268 (Arochlor 1268)**
JW-SB/SG18	JW-SB18-2	03/11/2015	N	2	2	<38	<38	<38	<38	<38	<38	<38	<38	<38
JW-SB/SG18	JW-SB18-5	03/11/2015	N	5	5	<37	<37	<37	<37	<37	<37	<37	<37	<37
JW-SB/SG18	JW-SB18-15	03/11/2015	N	15	15	<38	<38	<38	<38	<38	<38	<38	<38	<38
JW-SB/SG18	JW-SB18-16	03/11/2015	FD	15	15	<41	<41	<41	<41	<41	<41	<41	<41	<41
JW-SB/SG18	JW-SB18-25	03/11/2015	N	25	25	<43	<43	<43	<43	<43	<43	<43	<43	<43
JW-SB/SG18	JW-SB18-35	03/11/2015	N	35	35	<35	<35	<35	<35	<35	<35	<35	<35	<35
JW-SB/SG19	JW-SB19-0.5	03/09/2015	N	0.5	0.35	--	--	--	--	--	--	--	--	--
JW-SB/SG19	JW-SB19-0.5	03/09/2015	N	0.5	0.5	<37	<37	<37	<37	<37	<37	<37	<37	<37
JW-SB/SG19	JW-SB19-2	03/09/2015	N	2	2	<35	<35	<35	<35	<35	<35	<35	<35	<35
JW-SB/SG19	JW-SB19-5	03/09/2015	N	5	5	<37	<37	<37	<37	<37	<37	<37	<37	<37
JW-SB/SG19	JW-SB19-15	03/09/2015	N	15	15	<43	<43	<43	<43	<43	<43	<43	<43	<43
JW-SB/SG19	JW-SB19-25	03/09/2015	N	25	25	<39	<39	<39	<39	<39	<39	<39	<39	<39
JW-SB/SG19	JW-SB19-35	03/09/2015	N	35	35	<35	<35	<35	<35	<35	<35	<35	<35	<35
JW-SB/SG20	JW-SB20-0.5	03/18/2015	N	0.5	0.5	<35	<35	<35	<35	<35	<35	<35	<35	<35
JW-SB/SG20	JW-SB20-2	03/18/2015	N	2	2	<35	<35	<35	<35	<35	<35	<35	<35	<35
JW-SB/SG20	JW-SB20-5	03/18/2015	N	5	5	<36	<36	<36	<36	<36	<36	<36	<36	<36
JW-SB/SG20	JW-SB20-15	03/18/2015	N	15	15	<39	<39	<39	<39	<39	<39	<39	<39	<39
JW-SB/SG20	JW-SB20-25	03/18/2015	N	25	25	<40	<40	<40	<40	<40	<40	<40	<40	<40
JW-SB/SG20	JW-SB20-35	03/18/2015	N	35	35	<35	<35	<35	<35	<35	<35	<35	<35	<35
JW-SB/SG21	JW-SB21-0.5	03/17/2015	N	0.5	0.5	<36	<36	<36	<36	<36	**230**	**120**	<36	<36
JW-SB/SG21	JW-SB21-2	03/17/2015	N	2	2	<36	<36	<36	<36	<36	<36	<36	<36	<36
JW-SB/SG21	JW-SB21-5	03/17/2015	N	5	5	<39	<39	<39	<39	<39	<39	<39	<39	<39
JW-SB/SG21	JW-SB21-6	03/17/2015	FD	5	5	<42	<42	<42	<42	<42	<42	<42	<42	<42
JW-SB/SG21	JW-SB21-15	03/17/2015	N	15	15	<38	<38	<38	<38	<38	<38	<38	<38	<38
JW-SB/SG21	JW-SB21-25	03/17/2015	N	25	25	<42	<42	<42	<42	<42	<42	<42	<42	<42
JW-SB/SG21	JW-SB21-35	03/17/2015	N	35	35	<34	<34	<34	<34	<34	<34	<34	<34	<34
JW-SB/SG22	JW-SB22-0.5	03/18/2015	N	0.5	0.5	<35	<35	<35	<35	<35	<35	**8.9 J**	<35	<35
JW-SB/SG22	JW-SB22-2	03/18/2015	N	2	2	<34	<34	<34	<34	<34	<34	<34	<34	<34
JW-SB/SG22	JW-SB22-5	03/18/2015	N	5	5	<37	<37	<37	<37	<37	<37	<37	<37	<37
JW-SB/SG22	JW-SB22-15	03/18/2015	N	15	15	<39	<39	<39	<39	<39	<39	<39	<39	<39
JW-SB/SG22	JW-SB22-25	03/18/2015	N	25	25	<38	<38	<38	<38	<38	<38	<38	<38	<38
JW-SB/SG22	JW-SB22-35	03/18/2015	N	35	35	<35	<35	<35	<35	<35	<35	<35	<35	<35
JW-SB/SG23	JW-SB23-0.5	03/19/2015	N	0.5	0.5	<35	<35	<35	<35	<35	<35	<35	<35	<35
JW-SB/SG23	JW-SB23-2	03/19/2015	N	2	2	<34	<34	<34	<34	<34	<34	<34	<34	<34

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Volatiles (in ug/kg)																											
						1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,4-Dioxane (p-Dioxane)	2-Butanone (MEK)	2-Hexanone	4-Methyl-2-pentanone (MIBK)	Acetone	Benzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon Disulfide	Carbon Tetrachloride
JW-SB/SG23	JW-SB23-5	03/19/2015	N	5	5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	R	<9.6	<9.6	<9.6	**9.9**	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
JW-SB/SG23	JW-SB23-15	03/19/2015	N	15	15	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	R	<13	<13	<13	**5.7 J**	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6
JW-SB/SG23	JW-SB23-25	03/19/2015	N	25	25	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	R	<9.9	<9.9	<9.9	**9.4 J**	<5	<5	<5	<5	<5	<5	<5
JW-SB/SG23	JW-SB23-35	03/19/2015	N	35	35	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	R	<11	<11	<11	**7.1 J**	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
JW-SB/SG23	JW-SB23-36	03/19/2015	FD	35	35	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	R	<11	<11	<11	**7.5 J**	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
JW-SB/SG24	JW-SB24-0.5	03/17/2015	N	0.5	0.5	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	R	<12	<12	<12	**12**	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8
JW-SB/SG24	JW-SB24-2	03/17/2015	N	2	2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	R	<12	<12	<12	**15**	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2
JW-SB/SG24	JW-SB24-5	03/17/2015	N	5	5	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	R	<11	<11	<11	**13**	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7
JW-SB/SG24	JW-SB24-15	03/17/2015	N	15	15	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	R	<9.7	<9.7	<9.7	**7.2 J**	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
JW-SB/SG24	JW-SB24-25	03/17/2015	N	25	25	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	R	<11	<11	<11	**12**	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6
JW-SB/SG24	JW-SB24-26	03/17/2015	FD	25	25	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	R	<11	<11	<11	**12**	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6
JW-SB/SG24	JW-SB24-35	03/17/2015	N	35	35	<9	<9	<9	<9	<9	<9	<9	<9	<9	<9	<9	<9	<9	<9	<9	<9	R	<18	<18	<18	**13 J**	<9	<9	<9	<9	<9	<9	<9
JW-SB/SG25	JW-SB25-0.5	03/16/2015	N	0.5	0.5	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	R	<11	<11	<11	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4
JW-SB/SG25	JW-SB25-2	03/16/2015	N	2	2	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	R	<12	<12	<12	<12	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8
JW-SB/SG25	JW-SB25-5	03/16/2015	N	5	5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	R	<11	<11	<11	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
JW-SB/SG25	JW-SB25-15	03/16/2015	N	15	15	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	R	<9.3	<9.3	<9.3	<9.3	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6
JW-SB/SG25	JW-SB25-25	03/16/2015	N	25	25	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	R	<10	<10	<10	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1
JW-SB/SG25	JW-SB25-35	03/16/2015	N	35	35	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	R	<9.8	<9.8	<9.8	<9.8	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
JW-SB/SG26	JW-SB26-0.5	03/16/2015	N	0.5	0.5	<4.8	R	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	R	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	R	<9.5	<9.5	<9.5	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
JW-SB/SG26	JW-SB26-2	03/16/2015	N	2	2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	R	<12	<12	<12	<12	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2
JW-SB/SG26	JW-SB26-5	03/16/2015	N	5	5	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	R	<9.9	<9.9	<9.9	<9.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
JW-SB/SG26	JW-SB26-15	03/16/2015	N	15	15	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	R	<12	<12	<12	<12	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Volatiles (in ug/kg)																								
						Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethylene	cis-1,3-Dichloropropene	Cyclohexane	Dibromochloromethane	Dichlorodifluoromethane	Ethylbenzene	Isopropylbenzene (Cumene)	m,p-Xylene	Methyl Acetate	Methylcyclohexane	Methylene Chloride	o-Xylene	Styrene	tert-Butyl Methyl Ether (MTBE)	Tetrachloroethene (PCE)	Toluene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Vinyl Chloride
JW-SB/SG23	JW-SB23-5	03/19/2015	N	5	5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	**0.41 J**	<4.8	<4.8	<4.8	<4.8	<4.8
JW-SB/SG23	JW-SB23-15	03/19/2015	N	15	15	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6
JW-SB/SG23	JW-SB23-25	03/19/2015	N	25	25	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
JW-SB/SG23	JW-SB23-35	03/19/2015	N	35	35	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
JW-SB/SG23	JW-SB23-36	03/19/2015	FD	35	35	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
JW-SB/SG24	JW-SB24-0.5	03/17/2015	N	0.5	0.5	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	**0.68 J**	<5.8	<5.8	<5.8	<5.8	<5.8
JW-SB/SG24	JW-SB24-2	03/17/2015	N	2	2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	**0.89 J**	<6.2	<6.2	<6.2	<6.2	<6.2
JW-SB/SG24	JW-SB24-5	03/17/2015	N	5	5	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	**0.58 J**	<5.7	<5.7	<5.7	<5.7	<5.7
JW-SB/SG24	JW-SB24-15	03/17/2015	N	15	15	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
JW-SB/SG24	JW-SB24-25	03/17/2015	N	25	25	<5.6	<5.6	**13 J**	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6
JW-SB/SG24	JW-SB24-26	03/17/2015	FD	25	25	<5.6	<5.6	**5.5 J**	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6
JW-SB/SG24	JW-SB24-35	03/17/2015	N	35	35	<9	<9	<9	<9	<9	<9	<9	<9	<9	<9	<9	<9	<9	<9	<9	<9	<9	<9	<9	<9	<9	<9	<9	<9	<9
JW-SB/SG25	JW-SB25-0.5	03/16/2015	N	0.5	0.5	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	**0.54 J**	<5.4	<5.4	<5.4	<5.4	<5.4
JW-SB/SG25	JW-SB25-2	03/16/2015	N	2	2	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	**0.63 J**	<5.8	<5.8	<5.8	<5.8	<5.8
JW-SB/SG25	JW-SB25-5	03/16/2015	N	5	5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	**0.54 J**	<5.5	<5.5	<5.5	<5.5	<5.5
JW-SB/SG25	JW-SB25-15	03/16/2015	N	15	15	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	**0.47 J**	<4.6	<4.6	<4.6	<4.6	<4.6
JW-SB/SG25	JW-SB25-25	03/16/2015	N	25	25	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1
JW-SB/SG25	JW-SB25-35	03/16/2015	N	35	35	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
JW-SB/SG26	JW-SB26-0.5	03/16/2015	N	0.5	0.5	<4.8	<4.8	**24 J**	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	**0.46 J**	<4.8	<4.8	**2.1 J**	<4.8	<4.8
JW-SB/SG26	JW-SB26-2	03/16/2015	N	2	2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2
JW-SB/SG26	JW-SB26-5	03/16/2015	N	5	5	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
JW-SB/SG26	JW-SB26-15	03/16/2015	N	15	15	<6.1	<6.1	**16 J**	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	**2.7 J**	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Semivolatiles (in ug/kg)																								
						1,2,4,5-Tetrachlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Chloronaphthalene	2-Chlorophenol	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	2-Nitroaniline	2-Nitrophenol	3,3'-Dichlorobenzidine	3-Nitroaniline	4,6-Dinitro-2-Methylphenol	4-Bromophenyl phenyl ether	4-Chloro-3-Methylphenol	4-Chloroaniline	4-Chlorophenyl Phenyl Ether	4-Methylphenol (p-Cresol)	4-Nitroaniline	4-Nitrophenol
JW-SB/SG23	JW-SB23-5	03/19/2015	N	5	5	<190	<190	<190	<190	<190	<190	<360	<190	<190	<190	<190	<190	<190	<360	<190	<190	<360	<360	<190	<190	<190	<190	<190	<360	<360
JW-SB/SG23	JW-SB23-15	03/19/2015	N	15	15	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	<180	<180	<180	<350	<180	<180	<350	<350	<180	<180	<180	<180	<180	<350	<350
JW-SB/SG23	JW-SB23-25	03/19/2015	N	25	25	<200	<200	<200	<200	<200	<200	<390	<200	<200	<200	<200	<200	<200	<390	<200	<200	<390	<390	<200	<200	<200	<200	<200	<390	<390
JW-SB/SG23	JW-SB23-35	03/19/2015	N	35	35	<180	<180	<180	<180	<180	<180	<360	<180	<180	<180	<180	<180	<180	<360	<180	<180	<360	<360	<180	<180	<180	<180	<180	<360	<360
JW-SB/SG23	JW-SB23-36	03/19/2015	FD	35	35	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	<180	<180	<180	<350	<180	<180	<350	<350	<180	<180	<180	<180	<180	<350	<350
JW-SB/SG24	JW-SB24-0.5	03/17/2015	N	0.5	0.5	<190	<190	<190	<190	<190	<190	<370	<190	<190	<190	<190	<190	<190	<370	<190	<190	<370	<370	<190	<190	<190	<190	<190	<370	<370
JW-SB/SG24	JW-SB24-2	03/17/2015	N	2	2	<210	<210	<210	<210	<210	<210	<410	<210	<210	<210	<210	<210	<210	<410	<210	<210	<410	<410	<210	<210	<210	<210	<210	<410	<410
JW-SB/SG24	JW-SB24-5	03/17/2015	N	5	5	<210	<210	<210	<210	<210	<210	<400	<210	<210	<210	<210	<210	<210	<400	<210	<210	<400	<400	<210	<210	<210	<210	<210	<400	<400
JW-SB/SG24	JW-SB24-15	03/17/2015	N	15	15	<200	<200	<200	<200	<200	<200	<390	<200	<200	<200	<200	<200	<200	<390	<200	<200	<390	<390	<200	<200	<200	<200	<200	<390	<390
JW-SB/SG24	JW-SB24-25	03/17/2015	N	25	25	<210	<210	<210	<210	<210	<210	<400	<210	<210	<210	<210	<210	<210	<400	<210	<210	<400	<400	<210	<210	<210	<210	<210	<400	<400
JW-SB/SG24	JW-SB24-26	03/17/2015	FD	25	25	<200	<200	<200	<200	<200	<200	<390	<200	<200	<200	<200	<200	<200	<390	<200	<200	<390	<390	<200	<200	<200	<200	<200	<390	<390
JW-SB/SG24	JW-SB24-35	03/17/2015	N	35	35	<180	<180	<180	<180	<180	<180	<360	<180	<180	<180	<180	<180	<180	<360	<180	<180	<360	<360	<180	<180	<180	<180	<180	<360	<360
JW-SB/SG25	JW-SB25-0.5	03/16/2015	N	0.5	0.5	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	<180	<180	<180	<350	<180	<180	<350	<350	<180	<180	<180	<180	<180	<350	<350
JW-SB/SG25	JW-SB25-2	03/16/2015	N	2	2	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	<180	<180	<180	<350	<180	<180	<350	<350	<180	<180	<180	<180	<180	<350	<350
JW-SB/SG25	JW-SB25-5	03/16/2015	N	5	5	<190	<190	<190	<190	<190	<190	<370	<190	<190	<190	<190	<190	<190	<370	<190	<190	<370	<370	<190	<190	<190	<190	<190	<370	<370
JW-SB/SG25	JW-SB25-15	03/16/2015	N	15	15	<180	<180	<180	<180	<180	<180	<360	<180	<180	<180	<180	<180	<180	<360	<180	<180	<360	<360	<180	<180	<180	<180	<180	<360	<360
JW-SB/SG25	JW-SB25-25	03/16/2015	N	25	25	<200	<200	<200	<200	<200	<200	<390	<200	<200	<200	<200	<200	<200	<390	<200	<200	<390	<390	<200	<200	<200	<200	<200	<390	<390
JW-SB/SG25	JW-SB25-35	03/16/2015	N	35	35	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	<180	<180	<180	<350	<180	<180	<350	<350	<180	<180	<180	<180	<180	<350	<350
JW-SB/SG26	JW-SB26-0.5	03/16/2015	N	0.5	0.5	<190	<190	<190	<190	<190	<190	<360	<190	<190	<190	<190	<190	<190	<360	<190	<190	<360	<360	<190	<190	<190	<190	<190	<360	<360
JW-SB/SG26	JW-SB26-2	03/16/2015	N	2	2	<190	<190	<190	<190	<190	<190	<360	<190	<190	<190	<190	<190	<190	<360	<190	<190	<360	<360	<190	<190	<190	<190	<190	<360	<360
JW-SB/SG26	JW-SB26-5	03/16/2015	N	5	5	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	<180	<180	<180	<350	<180	<180	<350	<350	<180	<180	<180	<180	<180	<350	<350
JW-SB/SG26	JW-SB26-15	03/16/2015	N	15	15	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	<180	<180	<180	<350	<180	<180	<350	<350	<180	<180	<180	<180	<180	<350	<350

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Semivolatiles (in ug/kg)																								
						Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benzaldehyde	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzyl butyl phthalate	Biphenyl (Diphenyl)	bis(2-Chloroethoxy) Methane	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	bis(2-Chloroisopropyl) Ether	bis(2-Ethylhexyl) Phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Diethyl Phthalate	Dimethyl Phthalate	Di-n-Butyl Phthalate
JW-SB/SG23	JW-SB23-5	03/19/2015	N	5	5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190
JW-SB/SG23	JW-SB23-15	03/19/2015	N	15	15	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG23	JW-SB23-25	03/19/2015	N	25	25	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
JW-SB/SG23	JW-SB23-35	03/19/2015	N	35	35	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	**94 J**	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG23	JW-SB23-36	03/19/2015	FD	35	35	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	**360**	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG24	JW-SB24-0.5	03/17/2015	N	0.5	0.5	<190	<190	<190	<190	<190	<190	**32 J**	<190	**49 J**	<190	<190	<190	<190	<190	<190	<190	**840**	<190	<190	**63 J**	<190	<190	<190	<190	<190
JW-SB/SG24	JW-SB24-2	03/17/2015	N	2	2	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	**230**	<210	<210	<210	<210	<210	<210	<210	<210
JW-SB/SG24	JW-SB24-5	03/17/2015	N	5	5	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	**320**	<210	<210	<210	<210	<210	<210	<210	<210
JW-SB/SG24	JW-SB24-15	03/17/2015	N	15	15	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
JW-SB/SG24	JW-SB24-25	03/17/2015	N	25	25	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210
JW-SB/SG24	JW-SB24-26	03/17/2015	FD	25	25	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
JW-SB/SG24	JW-SB24-35	03/17/2015	N	35	35	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG25	JW-SB25-0.5	03/16/2015	N	0.5	0.5	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG25	JW-SB25-2	03/16/2015	N	2	2	<180	<180	<180	<180	<180	<180	**29 J**	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	**41 J**	<180	<180	<180	<180	<180
JW-SB/SG25	JW-SB25-5	03/16/2015	N	5	5	<190	<190	<190	<190	<190	<190	**58 J**	**56 J**	**71 J**	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	**54 J**	<190	<190	<190	<190	<190
JW-SB/SG25	JW-SB25-15	03/16/2015	N	15	15	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG25	JW-SB25-25	03/16/2015	N	25	25	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
JW-SB/SG25	JW-SB25-35	03/16/2015	N	35	35	<180	<180	**96 J**	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG26	JW-SB26-0.5	03/16/2015	N	0.5	0.5	**32 J**	<190	<190	**94 J**	<190	<190	**410**	**440**	**600**	**280**	**350**	<190	<190	<190	<190	<190	<190	<190	**65 J**	**560**	**65 J**	<190	<190	<190	<190
JW-SB/SG26	JW-SB26-2	03/16/2015	N	2	2	<190	<190	<190	<190	<190	<190	**71 J**	**68 J**	**88 J**	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	**87 J**	<190	<190	<190	<190	<190
JW-SB/SG26	JW-SB26-5	03/16/2015	N	5	5	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180
JW-SB/SG26	JW-SB26-15	03/16/2015	N	15	15	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Di-n-Octylphthalate	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-c,d)pyrene	Isophorone	Naphthalene	Nitrobenzene	n-Nitrosodi-n-propylamine	n-Nitrosodiphenylamine	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Metals by E200.7 (in mg/kg)						
																							Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium
JW-SB/SG23	JW-SB23-5	03/19/2015	N	5	5	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<360	<190	<190	<190	**13,600**	--	--	--	--	--	**8,020**
JW-SB/SG23	JW-SB23-15	03/19/2015	N	15	15	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	**6,320**	--	--	--	--	--	**4,360**
JW-SB/SG23	JW-SB23-25	03/19/2015	N	25	25	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<390	<200	<200	<200	**18,200**	--	--	--	--	--	**16,400**
JW-SB/SG23	JW-SB23-35	03/19/2015	N	35	35	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<360	<180	<180	<180	**10,400**	--	--	--	--	--	**4,830**
JW-SB/SG23	JW-SB23-36	03/19/2015	FD	35	35	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	**9,250**	--	--	--	--	--	**4,390**
JW-SB/SG24	JW-SB24-0.5	03/17/2015	N	0.5	0.5	<190	**48 J**	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<370	<190	<190	<190	**11,200**	--	--	--	--	--	**7,340**
JW-SB/SG24	JW-SB24-2	03/17/2015	N	2	2	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<410	<210	<210	<210	**9,030**	--	--	--	--	--	**5,640**
JW-SB/SG24	JW-SB24-5	03/17/2015	N	5	5	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<400	<210	<210	<210	**9,670**	--	--	--	--	--	**5,700**
JW-SB/SG24	JW-SB24-15	03/17/2015	N	15	15	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<390	<200	<200	<200	**24,200**	--	--	--	--	--	**13,900**
JW-SB/SG24	JW-SB24-25	03/17/2015	N	25	25	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<400	<210	<210	<210	**18,000**	--	--	--	--	--	**21,900**
JW-SB/SG24	JW-SB24-26	03/17/2015	FD	25	25	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<390	<200	<200	<200	**19,200**	--	--	--	--	--	**18,600**
JW-SB/SG24	JW-SB24-35	03/17/2015	N	35	35	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<360	<180	<180	<180	**8,710**	--	--	--	--	--	**6,200**
JW-SB/SG25	JW-SB25-0.5	03/16/2015	N	0.5	0.5	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	**12,000**	--	--	--	--	--	**7,260**
JW-SB/SG25	JW-SB25-2	03/16/2015	N	2	2	<180	**60 J**	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	**11,600**	--	--	--	--	--	**5,880**
JW-SB/SG25	JW-SB25-5	03/16/2015	N	5	5	<190	**100 J**	<190	<190	<190	<190	<190	**36 J**	<190	<190	<190	<190	<190	<370	**81 J**	<190	<190	**12,900**	--	--	--	--	--	**6,480**
JW-SB/SG25	JW-SB25-15	03/16/2015	N	15	15	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<360	<180	<180	<180	**14,500**	--	--	--	--	--	**7,820**
JW-SB/SG25	JW-SB25-25	03/16/2015	N	25	25	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<390	<200	<200	<200	**18,000**	--	--	--	--	--	**13,700**
JW-SB/SG25	JW-SB25-35	03/16/2015	N	35	35	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	**5,820**	--	--	--	--	--	**2,850**
JW-SB/SG26	JW-SB26-0.5	03/16/2015	N	0.5	0.5	<190	**1,000**	**38 J**	<190	<190	<190	<190	**330**	<190	<190	<190	<190	<190	<360	**710**	<190	**900**	**12,300**	--	--	--	--	--	**13,500**
JW-SB/SG26	JW-SB26-2	03/16/2015	N	2	2	<190	**150 J**	<190	<190	<190	<190	<190	**46 J**	<190	<190	<190	<190	<190	<360	**120 J**	<190	<190	**12,300**	--	--	--	--	--	**6,260**
JW-SB/SG26	JW-SB26-5	03/16/2015	N	5	5	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	**13,300**	--	--	--	--	--	**6,880**
JW-SB/SG26	JW-SB26-15	03/16/2015	N	15	15	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<180	<350	<180	<180	<180	**9,540**	--	--	--	--	--	**4,620**

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

							Metals by E200.7 (in mg/kg)														Metals by E200.8 (in mg/kg)						
Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt
JW-SB/SG23	JW-SB23-5	03/19/2015	N	5	5	--	--	--	22,400	--	7,280	--	--	4,450	--	--	483	--	--	--	<0.78	1.8	142	0.47	<0.39	19	10.8
JW-SB/SG23	JW-SB23-15	03/19/2015	N	15	15	--	--	--	11,900	--	4,060	--	--	2,020	--	--	403	--	--	--	<0.7	0.86	62.8	<0.35	<0.35	8.1	4.6
JW-SB/SG23	JW-SB23-25	03/19/2015	N	25	25	--	--	--	29,900	--	10,700	--	--	5,360	--	--	1,790	--	--	--	<0.87	3.4	218	0.6	<0.43	26.8	14.7
JW-SB/SG23	JW-SB23-35	03/19/2015	N	35	35	--	--	--	18,600	--	6,320	--	--	3,530	--	--	540	--	--	--	<0.73	11	103	<0.37	<0.37	11.9	7
JW-SB/SG23	JW-SB23-36	03/19/2015	FD	35	35	--	--	--	17,000	--	5,510	--	--	3,040	--	--	504	--	--	--	<0.78	10.4	98.1	<0.39	<0.39	11.4	6.4
JW-SB/SG24	JW-SB24-0.5	03/17/2015	N	0.5	0.5	--	--	--	31,300	--	6,010	--	--	4,640	--	--	441	--	--	--	<0.75	2.8	156	0.3 J	1.1	186	13.8
JW-SB/SG24	JW-SB24-2	03/17/2015	N	2	2	--	--	--	17,600	--	4,820	--	--	3,870	--	--	288 J	--	--	--	<0.75	1.7	121	0.28 J	0.56	19.5	9.2
JW-SB/SG24	JW-SB24-5	03/17/2015	N	5	5	--	--	--	18,100	--	5,030	--	--	3,950	--	--	314 J	--	--	--	<0.73	1.4	104	0.27 J	0.21 J	14.9	8.5
JW-SB/SG24	JW-SB24-15	03/17/2015	N	15	15	--	--	--	34,800	--	10,800	--	--	5,160	--	--	3,110	--	--	--	<0.93	3.4	198	0.88	0.18 J	29.4	16.8
JW-SB/SG24	JW-SB24-25	03/17/2015	N	25	25	--	--	--	28,800	--	10,200	--	--	5,760	--	--	1,610	--	--	--	<0.89	3.1	215	0.59	0.24 J	26.3	16.2
JW-SB/SG24	JW-SB24-26	03/17/2015	FD	25	25	--	--	--	30,400	--	10,400	--	--	5,870	--	--	1,670	--	--	--	<0.89	2.9	226	0.6	0.18 J	28.3	16.9
JW-SB/SG24	JW-SB24-35	03/17/2015	N	35	35	--	--	--	17,100	--	5,050	--	--	2,920	--	--	517	--	--	--	<0.79	12.7	90.7	0.28 J	0.052 J	11.1	8.8
JW-SB/SG25	JW-SB25-0.5	03/16/2015	N	0.5	0.5	--	--	--	22,100	--	6,600	--	--	4,600	--	--	445	--	--	--	<0.78	1.9	127	0.33 J	0.29 J	17.7	10.3
JW-SB/SG25	JW-SB25-2	03/16/2015	N	2	2	--	--	--	22,300	--	6,400	--	--	4,650	--	--	305 J	--	--	--	<0.8	1.7	134	0.35 J	0.42	23.1	11
JW-SB/SG25	JW-SB25-5	03/16/2015	N	5	5	--	--	--	22,100 J	--	6,680	--	--	4,430	--	--	467	--	--	--	<0.77	1.5	131 J	0.41	0.13 J	17.6 J	11.2
JW-SB/SG25	JW-SB25-15	03/16/2015	N	15	15	--	--	--	23,600	--	7,680	--	--	3,800	--	--	1,490	--	--	--	<0.76	1.1	103	0.34 J	0.17 J	13.9	8.6
JW-SB/SG25	JW-SB25-25	03/16/2015	N	25	25	--	--	--	29,500	--	10,400	--	--	5,020	--	--	1,170	--	--	--	<0.84	3.2	187	0.55	0.25 J	23.8	14.1
JW-SB/SG25	JW-SB25-35	03/16/2015	N	35	35	--	--	--	11,300	--	3,400	--	--	1,770	--	--	293 J	--	--	--	<0.79	9.9	75.8	0.22 J	0.036 J	13.9	6.5
JW-SB/SG26	JW-SB26-0.5	03/16/2015	N	0.5	0.5	--	--	--	22,800	--	6,570	--	--	3,560	--	--	312 J	--	--	--	<0.79	3.4	143	0.36 J	0.5	36.7	10.5
JW-SB/SG26	JW-SB26-2	03/16/2015	N	2	2	--	--	--	22,000	--	6,610	--	--	4,490	--	--	282 J	--	--	--	<0.81	1.6	135	0.36 J	0.22 J	17.1	9.7
JW-SB/SG26	JW-SB26-5	03/16/2015	N	5	5	--	--	--	21,900	--	6,540	--	--	4,390	--	--	495	--	--	--	<0.81	1.5	126	0.4	0.15 J	16.2	9.7
JW-SB/SG26	JW-SB26-15	03/16/2015	N	15	15	--	--	--	17,900	--	5,670	--	--	3,250	--	--	795	--	--	--	<0.74	1.1	99.2	0.25 J	0.058 J	12.1	7.9

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

						Metals by E200.8 (in mg/kg)									Metals by SW7196A (in mg/kg)	Metals by C245.5 (in mg/kg)
Location ID	**Sample ID**	**Sample Date**	**Sample Type**	**Top Sample Depth**	**Bottom Sample Depth**	**Copper**	**Lead**	**Manganese**	**Nickel**	**Selenium**	**Silver**	**Thallium**	**Vanadium**	**Zinc**	**Chromium, Hexavalent**	**Mercury**
JW-SB/SG23	JW-SB23-5	03/19/2015	N	5	5	**19.3**	**5.6 J**	**375**	**14.4**	**0.14 J**	<0.39	<0.39	**40.4**	**68.6**	--	**0.04 J**
JW-SB/SG23	JW-SB23-15	03/19/2015	N	15	15	**7.2**	**1.8**	**194**	**6**	**0.044 J**	<0.35	<0.35	**20.1**	**32.6**	--	**0.035 J**
JW-SB/SG23	JW-SB23-25	03/19/2015	N	25	25	**31.3**	**6**	**594**	**21.3**	**0.29 J**	<0.43	<0.43	**54.4**	**87.8**	--	**0.038 J**
JW-SB/SG23	JW-SB23-35	03/19/2015	N	35	35	**10**	**2.5**	**276**	**9.3**	**0.038 J**	<0.37	<0.37	**28.1**	**47.8**	--	**0.037 J**
JW-SB/SG23	JW-SB23-36	03/19/2015	FD	35	35	**10.3**	**2.5**	**253**	**8.7**	**0.054 J**	<0.39	<0.39	**27.5**	**42.4**	--	**0.046 J**
JW-SB/SG24	JW-SB24-0.5	03/17/2015	N	0.5	0.5	**44.2**	**540**	**413**	**19.5**	<1.9	**0.16 J**	**0.15 J**	**34.5**	**578**	--	**0.061 J**
JW-SB/SG24	JW-SB24-2	03/17/2015	N	2	2	**21.5**	**76.1**	**307**	**12.9**	<1.9	**0.049 J**	**0.16 J**	**29.5**	**157**	--	**0.053 J**
JW-SB/SG24	JW-SB24-5	03/17/2015	N	5	5	**15.2**	**22.7**	**296**	**10.3**	<1.8	**0.034 J**	**0.16 J**	**27.8**	**73.8**	--	**0.039 J**
JW-SB/SG24	JW-SB24-15	03/17/2015	N	15	15	**38.3**	**9.6**	**490**	**22.2**	<2.3	**0.049 J**	**0.31 J**	**65.7**	**98.7**	--	**0.15**
JW-SB/SG24	JW-SB24-25	03/17/2015	N	25	25	**28.9**	**5.3**	**676**	**21**	<2.2	**0.058 J**	**0.3 J**	**55.3**	**89.5**	--	**0.048 J**
JW-SB/SG24	JW-SB24-26	03/17/2015	FD	25	25	**29**	**5.4**	**689**	**21.9**	<2.2	**0.031 J**	**0.32 J**	**57.8**	**96.5**	--	**0.083 J**
JW-SB/SG24	JW-SB24-35	03/17/2015	N	35	35	**10.2**	**2.6**	**294**	**8.9**	<2	**0.0081 J**	**0.15 J**	**27.8**	**45.7**	--	**0.038 J**
JW-SB/SG25	JW-SB25-0.5	03/16/2015	N	0.5	0.5	**19**	**26.7**	**355**	**13.3**	<2	<0.39	<0.39	**34.5**	**91.5**	--	**0.045 J**
JW-SB/SG25	JW-SB25-2	03/16/2015	N	2	2	**22.2**	**52.2**	**352**	**13.3**	<2	<0.4	<0.4	**36.6**	**138**	--	**0.73**
JW-SB/SG25	JW-SB25-5	03/16/2015	N	5	5	**17.9**	**4.9 J**	**410**	**12.8**	<1.9	<0.38	<0.38	**38.1 J**	**65.4 J**	--	**0.028 J**
JW-SB/SG25	JW-SB25-15	03/16/2015	N	15	15	**15.9**	**3.6**	**233**	**10.8**	<1.9	<0.38	<0.38	**29.8**	**45.8**	--	**0.027 J**
JW-SB/SG25	JW-SB25-25	03/16/2015	N	25	25	**27.4**	**5.6**	**575**	**19**	<2.1	<0.42	<0.42	**49.4**	**80.5**	--	**0.052 J**
JW-SB/SG25	JW-SB25-35	03/16/2015	N	35	35	**8.5**	**2.1**	**232**	**8.7**	<2	<0.39	<0.39	**20.8**	**37.7**	--	**0.048 J**
JW-SB/SG26	JW-SB26-0.5	03/16/2015	N	0.5	0.5	**25.4**	**71.8**	**377**	**15.7**	<2	<0.4	<0.4	**35**	**211**	--	**0.044 J**
JW-SB/SG26	JW-SB26-2	03/16/2015	N	2	2	**17.3**	**10.1**	**339**	**13.1**	<2	<0.4	<0.4	**35.1**	**70**	--	**0.051 J**
JW-SB/SG26	JW-SB26-5	03/16/2015	N	5	5	**16.6**	**4.5**	**360**	**12.1**	<2	<0.4	<0.4	**35.5**	**58.2**	--	**0.027 J**
JW-SB/SG26	JW-SB26-15	03/16/2015	N	15	15	**10.6**	**2.5**	**267**	**9.1**	<1.8	<0.37	<0.37	**28.6**	**46.2**	--	**0.024 J**

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

						PCBs by SW8082 (in ug/kg)								
Location ID	**Sample ID**	**Sample Date**	**Sample Type**	**Top Sample Depth**	**Bottom Sample Depth**	**PCB-1016 (Arochlor 1016)**	**PCB-1221 (Arochlor 1221)**	**PCB-1232 (Arochlor 1232)**	**PCB-1242 (Arochlor 1242)**	**PCB-1248 (Arochlor 1248)**	**PCB-1254 (Arochlor 1254)**	**PCB-1260 (Arochlor 1260)**	**PCB-1262 (Arochlor 1262)**	**PCB-1268 (Arochlor 1268)**
JW-SB/SG23	JW-SB23-5	03/19/2015	N	5	5	<36	<36	<36	<36	<36	<36	<36	<36	<36
JW-SB/SG23	JW-SB23-15	03/19/2015	N	15	15	<35	<35	<35	<35	<35	<35	<35	<35	<35
JW-SB/SG23	JW-SB23-25	03/19/2015	N	25	25	<39	<39	<39	<39	<39	<39	<39	<39	<39
JW-SB/SG23	JW-SB23-35	03/19/2015	N	35	35	<35	<35	<35	<35	<35	<35	<35	<35	<35
JW-SB/SG23	JW-SB23-36	03/19/2015	FD	35	35	<36	<36	<36	<36	<36	<36	<36	<36	<36
JW-SB/SG24	JW-SB24-0.5	03/17/2015	N	0.5	0.5	<37	<37	<37	<37	<37	<37	<37	**170**	<37
JW-SB/SG24	JW-SB24-2	03/17/2015	N	2	2	<41	<41	<41	<41	<41	<41	<41	**42**	<41
JW-SB/SG24	JW-SB24-5	03/17/2015	N	5	5	<40	<40	<40	<40	<40	<40	<40	<40	<40
JW-SB/SG24	JW-SB24-15	03/17/2015	N	15	15	<39	<39	<39	<39	<39	<39	<39	<39	<39
JW-SB/SG24	JW-SB24-25	03/17/2015	N	25	25	<40	<40	<40	<40	<40	<40	<40	<40	<40
JW-SB/SG24	JW-SB24-26	03/17/2015	FD	25	25	<38	<38	<38	<38	<38	<38	<38	<38	<38
JW-SB/SG24	JW-SB24-35	03/17/2015	N	35	35	<36	<36	<36	<36	<36	<36	<36	<36	<36
JW-SB/SG25	JW-SB25-0.5	03/16/2015	N	0.5	0.5	<35	<35	<35	<35	<35	<35	<35	<35	<35
JW-SB/SG25	JW-SB25-2	03/16/2015	N	2	2	<35	<35	<35	<35	<35	<35	<35	<35	<35
JW-SB/SG25	JW-SB25-5	03/16/2015	N	5	5	<37	<37	<37	<37	<37	<37	<37	<37	<37
JW-SB/SG25	JW-SB25-15	03/16/2015	N	15	15	<36	<36	<36	<36	<36	<36	<36	<36	<36
JW-SB/SG25	JW-SB25-25	03/16/2015	N	25	25	<38	<38	<38	<38	<38	<38	<38	<38	<38
JW-SB/SG25	JW-SB25-35	03/16/2015	N	35	35	<35	<35	<35	<35	<35	<35	<35	<35	<35
JW-SB/SG26	JW-SB26-0.5	03/16/2015	N	0.5	0.5	<36	<36	<36	<36	<36	<36	**35 J**	<36	<36
JW-SB/SG26	JW-SB26-2	03/16/2015	N	2	2	<36	<36	<36	<36	<36	<36	<36	<36	<36
JW-SB/SG26	JW-SB26-5	03/16/2015	N	5	5	<36	<36	<36	<36	<36	<36	<36	<36	<36
JW-SB/SG26	JW-SB26-15	03/16/2015	N	15	15	<35	<35	<35	<35	<35	<35	<35	<35	<35

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Volatiles (in ug/kg)																											
						1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,4-Dioxane (p-Dioxane)	2-Butanone (MEK)	2-Hexanone	4-Methyl-2-pentanone (MIBK)	Acetone	Benzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon Disulfide	Carbon Tetrachloride
JW-SB/SG26	JW-SB26-16	03/16/2015	FD	15	15	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	R	<9.4	<9.4	<9.4	<9.4	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
JW-SB/SG26	JW-SB26-25	03/16/2015	N	25	25	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	R	<10	<10	<10	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1
JW-SB/SG26	JW-SB26-35	03/16/2015	N	35	35	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	R	<10	<10	<10	<10	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2
JW-SB/SG27	JW-SB27-20	03/10/2015	N	20	20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JW-SB/SG27	JW-SB27-30	03/10/2015	N	30	30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth
JW-SB/SG26	JW-SB26-16	03/16/2015	FD	15	15
JW-SB/SG26	JW-SB26-25	03/16/2015	N	25	25
JW-SB/SG26	JW-SB26-35	03/16/2015	N	35	35
JW-SB/SG27	JW-SB27-20	03/10/2015	N	20	20
JW-SB/SG27	JW-SB27-30	03/10/2015	N	30	30

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth
JW-SB/SG26	JW-SB26-16	03/16/2015	FD	15	15
JW-SB/SG26	JW-SB26-25	03/16/2015	N	25	25
JW-SB/SG26	JW-SB26-35	03/16/2015	N	35	35
JW-SB/SG27	JW-SB27-20	03/10/2015	N	20	20
JW-SB/SG27	JW-SB27-30	03/10/2015	N	30	30

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth
JW-SB/SG26	JW-SB26-16	03/16/2015	FD	15	15
JW-SB/SG26	JW-SB26-25	03/16/2015	N	25	25
JW-SB/SG26	JW-SB26-35	03/16/2015	N	35	35
JW-SB/SG27	JW-SB27-20	03/10/2015	N	20	20
JW-SB/SG27	JW-SB27-30	03/10/2015	N	30	30

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth
JW-SB/SG26	JW-SB26-16	03/16/2015	FD	15	15
JW-SB/SG26	JW-SB26-25	03/16/2015	N	25	25
JW-SB/SG26	JW-SB26-35	03/16/2015	N	35	35
JW-SB/SG27	JW-SB27-20	03/10/2015	N	20	20
JW-SB/SG27	JW-SB27-30	03/10/2015	N	30	30

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth
JW-SB/SG26	JW-SB26-16	03/16/2015	FD	15	15
JW-SB/SG26	JW-SB26-25	03/16/2015	N	25	25
JW-SB/SG26	JW-SB26-35	03/16/2015	N	35	35
JW-SB/SG27	JW-SB27-20	03/10/2015	N	20	20
JW-SB/SG27	JW-SB27-30	03/10/2015	N	30	30

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth
JW-SB/SG26	JW-SB26-16	03/16/2015	FD	15	15
JW-SB/SG26	JW-SB26-25	03/16/2015	N	25	25
JW-SB/SG26	JW-SB26-35	03/16/2015	N	35	35
JW-SB/SG27	JW-SB27-20	03/10/2015	N	20	20
JW-SB/SG27	JW-SB27-30	03/10/2015	N	30	30

Appendix E-1
Analytical Results for Soil Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth
JW-SB/SG26	JW-SB26-16	03/16/2015	FD	15	15
JW-SB/SG26	JW-SB26-25	03/16/2015	N	25	25
JW-SB/SG26	JW-SB26-35	03/16/2015	N	35	35
JW-SB/SG27	JW-SB27-20	03/10/2015	N	20	20
JW-SB/SG27	JW-SB27-30	03/10/2015	N	30	30

APPENDIX E-2

ANALYTICAL RESULTS FOR SOIL GAS SAMPLES

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Appendix E-2
Analytical Results for Soil Gas Samples
Jervis B. Webb Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Volatiles (in ug/m3)																									
						1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,1-Difluoroethane	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,2-Dichlorotetrafluoroethane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	1,4-Dioxane (p-Dioxane)	2,2-Dichloropropane	2-Chlorotoluene
JW-SB/SG01	JW-SB1-5, P4330cc	04/18/2013	N	5	5	<35	**210**	<35	<39	<28	<41	<20	--	<27	--	--	<38	<25	--	--	--	<21	--	--	<25	--	--	<30	<36	--	--
JW-SB/SG01	JW-SB1-15, P4814cc	04/18/2013	N	15	15	<35	**78**	<35	<39	<28	<41	<20	--	<27	--	--	<38	<25	--	--	--	<21	--	--	<25	--	--	<30	<36	--	--
JW-SB/SG01	JW-SB1-25, P5298cc	04/18/2013	N	25	25	<35	<28	<35	<39	<28	<41	<20	--	<27	--	--	<38	<25	--	--	--	<21	--	--	<25	--	--	<30	<36	--	--
JW-SB/SG01	JW-SB1-35, P5806cc	04/18/2013	N	35	35	<35	<28	<35	<39	<28	<41	<20	--	<27	--	--	<38	<25	--	--	--	<21	--	--	<25	--	--	<30	<36	--	--
JW-SB/SG02	JW-SB2-5, P4330cc	04/18/2013	N	5	5	<35	**450**	<35	<39	<28	<41	<20	--	<27	--	--	<38	<25	--	--	--	<21	--	--	<25	--	--	<30	<36	--	--
JW-SB/SG02	JW-SB2-15, P4814cc	04/18/2013	N	15	15	<35	<28	<35	<39	<28	<41	<20	--	<27	--	--	<38	<25	--	--	--	<21	--	--	<25	--	--	<30	<36	--	--
JW-SB/SG02	JW-SB2-25, P5298cc	04/18/2013	N	25	25	<350	<280	<350	<390	<280	<410	**860**	--	<270	--	--	<380	<250	--	--	--	<210	--	--	<250	--	--	<300	<360	--	--
JW-SB/SG02	JW-SG02-D25-E0413	04/18/2013	N	25	25	--	<100	<200	<200	<100	**200**	**700**	--	--	--	--	<200	<100	--	<200	<200	<100	<100	<200	<100	<200	--	<200	--	--	--
JW-SB/SG02	JW-SB2-35, P5806cc	04/18/2013	N	35	35	<35	<28	<35	<39	<28	**140**	**510**	--	<27	--	--	<38	<25	--	--	--	<21	--	--	<25	--	--	<30	<36	--	--
JW-SB/SG03	JW-SB3-5, P4330cc	04/18/2013	N	5	5	<35	**230**	<35	<39	<28	<41	<20	--	<27	--	--	<38	<25	--	--	--	<21	--	--	<25	--	--	<30	<36	--	--
JW-SB/SG03	JW-SB3-5 Rep, P4380cc	04/18/2013	FD	5	5	<35	**320**	<35	<39	<28	<41	<20	--	<27	--	--	<38	<25	--	--	--	<21	--	--	<25	--	--	<30	<36	--	--
JW-SB/SG03	JW-SB3-35, P5806cc	04/18/2013	N	35	35	<35	<28	<35	<39	<28	<41	<20	--	<27	--	--	<38	<25	--	--	--	<21	--	--	<25	--	--	<30	<36	--	--
JW-SB/SG04	JW-SB4-5, P4330cc	04/17/2013	N	5	5	<35	**180**	<35	<39	<28	<41	<20	--	<27	--	--	<38	<25	--	--	--	<21	--	--	<25	--	--	<30	<36	--	--
JW-SB/SG04	JW-SB4-15, P4814cc	04/17/2013	N	15	15	<35	<28	<35	<39	<28	<41	<20	--	<27	--	--	<38	<25	--	--	--	<21	--	--	<25	--	--	<30	<36	--	--
JW-SB/SG04	JW-SB4-35, P5806cc	04/17/2013	N	35	35	<350	<280	<350	<390	<280	<410	**290**	--	<270	--	--	<380	<250	--	--	--	<210	--	--	<250	--	--	<300	<360	--	--
JW-SB/SG04	JW-SG04-D35-E0413	04/17/2013	N	35	35	--	<100	<200	<200	<100	**60 J**	**300**	--	--	--	--	<200	<100	--	<200	<100	<90	<100	<200	<100	<100	--	<100	--	--	--
JW-SB/SG05	JW-SB5-5, P4330cc	04/17/2013	N	5	5	<35	<28	<35	<39	<28	<41	<20	--	<27	--	--	<38	<25	--	--	--	<21	--	--	<25	--	--	<30	<36	--	--
JW-SB/SG05	JW-SB5-25, P5298cc	04/17/2013	N	25	25	<35	<28	<35	<39	<28	<41	**1,500**	--	<27	--	--	<38	<25	--	--	--	<21	--	--	<25	--	--	<30	<36	--	--
JW-SB/SG05	JW-SB5-35, P5806cc	04/17/2013	N	35	35	<350	<280	<350	<390	<280	<410	**280**	--	<270	--	--	<380	<250	--	--	--	<210	--	--	<250	--	--	<300	<360	--	--
JW-SB/SG06	JW-SB6-5, P4330cc	04/17/2013	N	5	5	<35	<28	<35	<39	<28	<41	<20	--	<27	--	--	<38	<25	--	--	--	<21	--	--	<25	--	--	<30	<36	--	--
JW-SB/SG06	JW-SB6-15, P4814cc	04/17/2013	N	15	15	<35	<28	<35	<39	<28	<41	<20	--	<27	--	--	<38	**56**	--	--	--	<21	--	--	<25	--	--	<30	<36	--	--
JW-SB/SG06	JW-SB6-25, P5298cc	04/17/2013	N	25	25	<35	<28	<35	<39	<28	<41	**690**	--	<27	--	--	<38	<25	--	--	--	<21	--	--	<25	--	--	<30	<36	--	--
JW-SB/SG06	JW-SB6-35, P5806cc	04/17/2013	N	35	35	<35	<28	<35	<39	<28	<41	<20	--	<27	--	--	<38	**55**	--	--	--	<21	--	--	<25	--	--	<30	<36	--	--
JW-SB/SG06	JW-SB6-35 Rep, P5906cc	04/17/2013	FD	35	35	<35	<28	<35	<39	<28	<41	<20	--	<27	--	--	<38	**43**	--	--	--	<21	--	--	<25	--	--	<30	<36	--	--
JW-SB/SG06	JW-SG06-D35-E0413	04/17/2013	N	35	35	--	<200	<200	<300	<200	<100	<100	--	--	--	--	<200	<200	--	<300	<200	<100	<200	<200	<200	<200	--	<200	--	--	--
JW-SB/SG07	SB/SG07-5	03/26/2015	N	5	5	<70	<28	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG07	SB/SG07-5 Rep	03/26/2015	FD	5	5	<70	<28	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG07	JW-SG07-E15	03/26/2015	N	15	15	--	<10	<10	<20	<10	<9	<8	--	--	--	--	<20	**6 J**	--	--	--	<9	--	--	<10	--	--	<10	<8	--	--
JW-SB/SG07	SB/SG07-15	03/26/2015	N	15	15	<70	<28	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG07	SB/SG07-25	03/27/2015	N	25	25	<70	<28	<70	<77	<55	<41	**98**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG07	SB/SG07-35	03/27/2015	N	35	35	<70	<28	<70	<77	<55	<41	**71**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG08	SB/SG08-5	03/27/2015	N	5	5	<70	<28	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG08	SB/SG08-15	03/27/2015	N	15	15	<70	**32**	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG08	SB/SG08-25	03/27/2015	N	25	25	<70	<28	<70	<77	<55	<41	**33**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--

Appendix E-2
Analytical Results for Soil Gas Samples
Jervis B. Webb Superfund Site
South Gate, California

						Volatiles (in ug/m3)																											
Location ID	**Sample ID**	**Sample Date**	**Sample Type**	**Top Sample Depth**	**Bottom Sample Depth**	**4-Chlorotoluene**	**Benzene**	**Bromobenzene**	**Bromochloromethane**	**Bromodichloromethane**	**Bromoform**	**Bromomethane**	**Carbon Disulfide**	**Carbon Tetrachloride**	**Chlorobenzene**	**Chloroethane**	**Chloroform**	**Chloromethane**	**cis-1,2-Dichloroethylene**	**cis-1,3-Dichloropropene**	**Dibromochloromethane**	**Dibromomethane**	**Dichlorodifluoromethane**	**Ethylbenzene**	**Hexachlorobutadiene**	**Isopropanol**	**Isopropylbenzene (Cumene)**	**m,p-Xylene**	**Methylene Chloride**	**Naphthalene**	**n-Butylbenzene**	**n-Propylbenzene**	**o-Xylene**
JW-SB/SG01	JW-SB1-5, P4330cc	04/18/2013	N	5	5	--	<16	--	--	<34	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<25	<22	--	--	<25	<44	<18	<27	<28	<25	<22
JW-SB/SG01	JW-SB1-15, P4814cc	04/18/2013	N	15	15	--	**28**	--	--	<34	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<25	<22	--	--	<25	<44	<18	<27	<28	<25	<22
JW-SB/SG01	JW-SB1-25, P5298cc	04/18/2013	N	25	25	--	<16	--	--	<34	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<25	<22	--	--	<25	<44	<18	<27	<28	<25	<22
JW-SB/SG01	JW-SB1-35, P5806cc	04/18/2013	N	35	35	--	<16	--	--	<34	--	<39	--	<13	--	<27	<25	<21	**300**	--	--	--	<25	<22	--	--	<25	<44	<18	<27	<28	<25	<22
JW-SB/SG02	JW-SB2-5, P4330cc	04/18/2013	N	5	5	--	<16	--	--	<34	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<25	<22	--	--	<25	<44	<18	<27	<28	<25	<22
JW-SB/SG02	JW-SB2-15, P4814cc	04/18/2013	N	15	15	--	<16	--	--	<34	--	<39	--	<13	--	<27	<25	<21	**130**	--	--	--	<25	<22	--	--	<25	<44	<18	<27	<28	<25	<22
JW-SB/SG02	JW-SB2-25, P5298cc	04/18/2013	N	25	25	--	<160	--	--	<340	--	<390	--	<130	--	<270	<250	<210	**30,000**	--	--	--	<250	<220	--	--	<250	<440	<180	<270	<280	<250	<220
JW-SB/SG02	JW-SG02-D25-E0413	04/18/2013	N	25	25	--	**50 J**	--	--	--	--	<100	--	<200	<100	<70	<100	<50	**27,000**	<100	--	--	--	<100	<300	--	--	<200	<90	--	--	--	<100
JW-SB/SG02	JW-SB2-35, P5806cc	04/18/2013	N	35	35	--	**31**	--	--	<34	--	<39	--	<13	--	<27	<25	<21	**13,000**	--	--	--	<25	<22	--	--	<25	<44	<18	<27	<28	<25	<22
JW-SB/SG03	JW-SB3-5, P4330cc	04/18/2013	N	5	5	--	<16	--	--	<34	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<25	<22	--	--	<25	<44	<18	<27	<28	<25	<22
JW-SB/SG03	JW-SB3-5 Rep, P4380cc	04/18/2013	FD	5	5	--	<16	--	--	<34	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<25	<22	--	--	<25	<44	<18	<27	<28	<25	<22
JW-SB/SG03	JW-SB3-35, P5806cc	04/18/2013	N	35	35	--	<16	--	--	<34	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<25	<22	--	--	<25	<44	<18	<27	<28	<25	<22
JW-SB/SG04	JW-SB4-5, P4330cc	04/17/2013	N	5	5	--	<16	--	--	<34	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<25	<22	--	--	<25	<44	<18	<27	<28	<25	<22
JW-SB/SG04	JW-SB4-15, P4814cc	04/17/2013	N	15	15	--	<16	--	--	<34	--	<39	--	<13	--	<27	<25	<21	**180**	--	--	--	<25	<22	--	--	<25	<44	<18	<27	<28	<25	<22
JW-SB/SG04	JW-SB4-35, P5806cc	04/17/2013	N	35	35	--	<160	--	--	<340	--	<390	--	<130	--	<270	<250	<210	**11,000**	--	--	--	<250	<220	--	--	<250	<440	<180	<270	<280	<250	<220
JW-SB/SG04	JW-SG04-D35-E0413	04/17/2013	N	35	35	--	**40 J**	--	--	--	--	<90	--	<100	<100	<60	<100	<50	**7,500**	<100	--	--	--	<100	<200	--	--	<200	<80	--	--	--	<100
JW-SB/SG05	JW-SB5-5, P4330cc	04/17/2013	N	5	5	--	<16	--	--	<34	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<25	<22	--	--	<25	<44	<18	<27	<28	<25	<22
JW-SB/SG05	JW-SB5-25, P5298cc	04/17/2013	N	25	25	--	**100**	--	--	<34	--	<39	--	<13	--	<27	<25	<21	**230**	--	--	--	<25	<22	--	--	<25	<44	<18	<27	<28	<25	<22
JW-SB/SG05	JW-SB5-35, P5806cc	04/17/2013	N	35	35	--	<160	--	--	<340	--	<390	--	<130	--	<270	<250	<210	**5,700**	--	--	--	<250	<220	--	--	<250	<440	<180	<270	<280	<250	<220
JW-SB/SG06	JW-SB6-5, P4330cc	04/17/2013	N	5	5	--	<16	--	--	<34	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<25	<22	--	--	<25	<44	<18	<27	<28	<25	<22
JW-SB/SG06	JW-SB6-15, P4814cc	04/17/2013	N	15	15	--	**31**	--	--	<34	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<25	<22	--	--	<25	**65**	<18	**37**	<28	<25	<22
JW-SB/SG06	JW-SB6-25, P5298cc	04/17/2013	N	25	25	--	**79**	--	--	<34	--	<39	--	<13	--	<27	<25	<21	**970**	--	--	--	<25	<22	--	--	<25	<44	<18	<27	<28	<25	<22
JW-SB/SG06	JW-SB6-35, P5806cc	04/17/2013	N	35	35	--	**34**	--	--	<34	--	<39	--	<13	--	<27	<25	<21	**730**	--	--	--	<25	<22	--	--	<25	<44	<18	<27	<28	<25	<22
JW-SB/SG06	JW-SB6-35 Rep, P5906cc	04/17/2013	FD	35	35	--	**21**	--	--	<34	--	<39	--	<13	--	<27	<25	<21	**550**	--	--	--	<25	<22	--	--	<25	<44	<18	<27	<28	<25	<22
JW-SB/SG06	JW-SG06-D35-E0413	04/17/2013	N	35	35	--	<100	--	--	--	--	<100	--	<200	<200	<90	<200	<70	**1,000**	<200	--	--	--	<100	<400	--	--	<300	<100	--	--	--	<100
JW-SB/SG07	SB/SG07-5	03/26/2015	N	5	5	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG07	SB/SG07-5 Rep	03/26/2015	FD	5	5	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG07	JW-SG07-E15	03/26/2015	N	15	15	--	**4 J**	--	--	<10	--	<8	--	<10	--	<6	<10	<4	<8	--	--	--	<10	<9	--	--	--	**10 J**	--	<10	--	--	<9
JW-SB/SG07	SB/SG07-15	03/26/2015	N	15	15	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG07	SB/SG07-25	03/27/2015	N	25	25	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG07	SB/SG07-35	03/27/2015	N	35	35	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	**110**	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG08	SB/SG08-5	03/27/2015	N	5	5	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG08	SB/SG08-15	03/27/2015	N	15	15	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG08	SB/SG08-25	03/27/2015	N	25	25	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22

Appendix E-2
Analytical Results for Soil Gas Samples
Jervis B. Webb Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Volatiles (in ug/m3)										
						p-Cymene (p-Isopropyltoluene)	sec-Butylbenzene	Styrene	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Vinyl Chloride
JW-SB/SG01	JW-SB1-5, P4330cc	04/18/2013	N	5	5	<28	<28	--	<28	**2,600**	<19	<40	--	**5,100**	<28	<13
JW-SB/SG01	JW-SB1-15, P4814cc	04/18/2013	N	15	15	<28	<28	--	<28	**760**	<19	<40	--	**2,600**	<28	<13
JW-SB/SG01	JW-SB1-25, P5298cc	04/18/2013	N	25	25	<28	<28	--	<28	**86**	<19	<40	--	**1,600**	<28	<13
JW-SB/SG01	JW-SB1-35, P5806cc	04/18/2013	N	35	35	<28	<28	--	<28	<34	<19	<40	--	**2,100**	<28	<13
JW-SB/SG02	JW-SB2-5, P4330cc	04/18/2013	N	5	5	<28	<28	--	<28	**5,400**	<19	<40	--	**10,000**	<28	<13
JW-SB/SG02	JW-SB2-15, P4814cc	04/18/2013	N	15	15	<28	<28	--	<28	**52**	<19	<40	--	**700**	<28	<13
JW-SB/SG02	JW-SB2-25, P5298cc	04/18/2013	N	25	25	<280	<280	--	<280	**3,500**	<190	**1,700**	--	**150,000**	<280	<130
JW-SB/SG02	JW-SG02-D25-E0413	04/18/2013	N	25	25	--	--	<100	--	**2,800**	<100	--	<100	**100,000**	<100	**40 J**
JW-SB/SG02	JW-SB2-35, P5806cc	04/18/2013	N	35	35	<28	<28	--	<28	**2,500**	<19	**1,000**	--	**73,000**	<28	**42**
JW-SB/SG03	JW-SB3-5, P4330cc	04/18/2013	N	5	5	<28	<28	--	<28	**4,500**	**37**	<40	--	**190**	<28	<13
JW-SB/SG03	JW-SB3-5 Rep, P4380cc	04/18/2013	FD	5	5	<28	<28	--	<28	**6,900**	<19	<40	--	**230**	<28	<13
JW-SB/SG03	JW-SB3-35, P5806cc	04/18/2013	N	35	35	<28	<28	--	<28	**35**	**31**	<40	--	<27	<28	<13
JW-SB/SG04	JW-SB4-5, P4330cc	04/17/2013	N	5	5	<28	<28	--	<28	**2,900**	<19	<40	--	**570**	<28	<13
JW-SB/SG04	JW-SB4-15, P4814cc	04/17/2013	N	15	15	<28	<28	--	<28	**76**	**33**	<40	--	**490**	<28	<13
JW-SB/SG04	JW-SB4-35, P5806cc	04/17/2013	N	35	35	<280	<280	--	<280	**4,900**	<190	**680**	--	**43,000**	<280	<130
JW-SB/SG04	JW-SG04-D35-E0413	04/17/2013	N	35	35	--	--	<100	--	**4,300**	<80	--	<100	**22,000**	<100	<60
JW-SB/SG05	JW-SB5-5, P4330cc	04/17/2013	N	5	5	<28	<28	--	<28	**1,800**	<19	<40	--	**250**	<28	<13
JW-SB/SG05	JW-SB5-25, P5298cc	04/17/2013	N	25	25	<28	<28	--	<28	**1,200**	<19	**94**	--	**44,000**	<28	**77**
JW-SB/SG05	JW-SB5-35, P5806cc	04/17/2013	N	35	35	<280	<280	--	<280	**6,500**	<190	**530**	--	**30,000**	<280	<130
JW-SB/SG06	JW-SB6-5, P4330cc	04/17/2013	N	5	5	<28	<28	--	<28	<34	<19	<40	--	<27	<28	<13
JW-SB/SG06	JW-SB6-15, P4814cc	04/17/2013	N	15	15	<28	<28	--	<28	<34	**65**	<40	--	**170**	<28	<13
JW-SB/SG06	JW-SB6-25, P5298cc	04/17/2013	N	25	25	<28	<28	--	<28	**190**	**26**	**250**	--	**18,000**	<28	<13
JW-SB/SG06	JW-SB6-35, P5806cc	04/17/2013	N	35	35	<28	<28	--	<28	**1,100**	**29**	<40	--	**2,000**	<28	<13
JW-SB/SG06	JW-SB6-35 Rep, P5906cc	04/17/2013	FD	35	35	<28	<28	--	<28	**1,000**	**23**	<40	--	**1,800**	<28	<13
JW-SB/SG06	JW-SG06-D35-E0413	04/17/2013	N	35	35	--	--	<100	--	**900**	<100	--	<200	**1,900**	<200	<90
JW-SB/SG07	SB/SG07-5	03/26/2015	N	5	5	<28	<28	--	<56	**68**	<38	<40	--	**180**	<56	<13
JW-SB/SG07	SB/SG07-5 Rep	03/26/2015	FD	5	5	<28	<28	--	<56	**39**	<38	<40	--	**240**	<56	<13
JW-SB/SG07	JW-SG07-E15	03/26/2015	N	15	15	--	--	--	--	<10	**10**	<8	--	<10	<10	<5
JW-SB/SG07	SB/SG07-15	03/26/2015	N	15	15	<28	<28	--	<56	**36**	<38	<40	--	**61**	<56	<13
JW-SB/SG07	SB/SG07-25	03/27/2015	N	25	25	<28	<28	--	<56	<34	<38	<40	--	**33**	<56	<13
JW-SB/SG07	SB/SG07-35	03/27/2015	N	35	35	<28	<28	--	<56	<34	<38	<40	--	**1,400**	<56	<13
JW-SB/SG08	SB/SG08-5	03/27/2015	N	5	5	<28	<28	--	<56	**810**	<38	<40	--	**140**	<56	<13
JW-SB/SG08	SB/SG08-15	03/27/2015	N	15	15	<28	<28	--	<56	**1,700**	<38	<40	--	**350**	<56	<13
JW-SB/SG08	SB/SG08-25	03/27/2015	N	25	25	<28	<28	--	<56	**550**	<38	<40	--	**1,200**	<56	<13

Appendix E-2
Analytical Results for Soil Gas Samples
Jervis B. Webb Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Volatiles (in ug/m3)																									
						1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,1-Difluoroethane	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,2-Dichlorotetrafluoroethane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	1,4-Dioxane (p-Dioxane)	2,2-Dichloropropane	2-Chlorotoluene
JW-SB/SG08	SB/SG08-35	03/27/2015	N	35	35	<70	<28	<70	<77	<55	**73**	**190**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG09	SB/SG09-5	03/25/2015	N	5	5	<70	<28	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG09	SB/SG09-15	03/25/2015	N	15	15	<70	<28	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG09	SB/SG09-15 Rep	03/25/2015	FD	15	15	<70	<28	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG09	SB/SG09-25	03/25/2015	N	25	25	<70	<28	<70	<77	<55	**140**	**450**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG09	SB/SG09-35	03/25/2015	N	35	35	<70	<28	<70	<77	<55	<41	**24**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG10	SB/SG10-5	03/27/2015	N	5	5	<70	**50**	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG10	SB/SG10-5 Rep	03/27/2015	FD	5	5	<70	**38**	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG10	SB/SG10-15	03/27/2015	N	15	15	<70	**40**	<70	<77	<55	<41	**27**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG10	JW-SG10-E25	03/27/2015	N	25	25	--	<100	<200	<200	<100	<100	**60 J**	--	--	--	--	<200	<100	--	--	--	<100	--	--	<100	--	--	<200	<90	--	--
JW-SB/SG10	SB/SG10-25	03/27/2015	N	25	25	<70	<28	<70	<77	<55	<41	**110**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG10	SB/SG10-35	03/27/2015	N	35	35	<70	<28	<70	<77	<55	**110**	**270**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG11	SB/SG11-5	03/26/2015	N	5	5	<70	<28	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG11	SB/SG11-15	03/26/2015	N	15	15	<70	<28	<70	<77	<55	<41	**180**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG11	SB/SG11-25	03/26/2015	N	25	25	<70	<28	<70	<77	<55	**62**	**370**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG11	SB/SG11-35	03/26/2015	N	35	35	<70	<28	<70	<77	<55	**47**	**120**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG12	SB/SG12-5	03/27/2015	N	5	5	<70	**130**	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG12	SB/SG12-15	03/27/2015	N	15	15	<70	**120**	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG12	SB/SG12-25	03/27/2015	N	25	25	<70	<28	<70	<77	<55	<41	**410**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG12	JW-SG12-E35	03/30/2015	N	35	35	--	<10	<10	<20	<10	**20**	**400**	--	--	--	--	<20	**8 J**	--	--	--	<8	--	--	<10	--	--	<10	<7	--	--
JW-SB/SG12	SB/SG12-35	03/30/2015	N	35	35	<70	<28	<70	<77	<55	<41	**680**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG13	SB/SG13-5	03/30/2015	N	5	5	<70	**450**	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG13	SB/SG13-15	03/30/2015	N	15	15	<70	**320**	<70	<77	<55	<41	**41**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG13	SB/SG13-25	03/30/2015	N	25	25	<70	**170**	<70	<77	<55	<41	**480**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG13	SB/SG13-35	03/30/2015	N	35	35	<70	**38**	<70	<77	<55	<41	**89**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG14	SB/SG14-5	03/30/2015	N	5	5	<70	**540**	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG14	SB/SG14-5 Rep	03/30/2015	FD	5	5	<70	**550**	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG14	SB/SG14-15	03/30/2015	N	15	15	<70	**260**	<70	<77	<55	<41	**39**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG14	JW-SG14-E25	03/30/2015	N	25	25	--	**80 J**	<10	<20	<10	**20 J**	**70 J**	--	--	--	--	<20	**7 J**	--	--	--	<9	--	--	<10	--	--	<10	<8	--	--
JW-SB/SG14	SB/SG14-25	03/30/2015	N	25	25	<70	**110**	<70	<77	<55	<41	**110**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG14	SB/SG14-35	03/30/2015	N	35	35	<70	**170**	<70	<77	<55	**43**	**370**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG15	SB/SG15-5	03/30/2015	N	5	5	<70	**1,500**	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG15	SB/SG15-15	03/31/2015	N	15	15	<70	**810**	<70	<77	<55	<41	**74**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG15	SB/SG15-25	03/31/2015	N	25	25	<70	**180**	<70	<77	<55	<41	**98**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--

Appendix E-2
Analytical Results for Soil Gas Samples
Jervis B. Webb Superfund Site
South Gate, California

						Volatiles (in ug/m3)																											
Location ID	**Sample ID**	**Sample Date**	**Sample Type**	**Top Sample Depth**	**Bottom Sample Depth**	**4-Chlorotoluene**	**Benzene**	**Bromobenzene**	**Bromochloromethane**	**Bromodichloromethane**	**Bromoform**	**Bromomethane**	**Carbon Disulfide**	**Carbon Tetrachloride**	**Chlorobenzene**	**Chloroethane**	**Chloroform**	**Chloromethane**	**cis-1,2-Dichloroethylene**	**cis-1,3-Dichloropropene**	**Dibromochloromethane**	**Dibromomethane**	**Dichlorodifluoromethane**	**Ethylbenzene**	**Hexachlorobutadiene**	**Isopropanol**	**Isopropylbenzene (Cumene)**	**m,p-Xylene**	**Methylene Chloride**	**Naphthalene**	**n-Butylbenzene**	**n-Propylbenzene**	**o-Xylene**
JW-SB/SG08	SB/SG08-35	03/27/2015	N	35	35	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	**3,400**	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG09	SB/SG09-5	03/25/2015	N	5	5	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG09	SB/SG09-15	03/25/2015	N	15	15	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG09	SB/SG09-15 Rep	03/25/2015	FD	15	15	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG09	SB/SG09-25	03/25/2015	N	25	25	--	**31**	--	--	<68	--	<39	--	<13	--	<27	<25	<21	**340**	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG09	SB/SG09-35	03/25/2015	N	35	35	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	**180**	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG10	SB/SG10-5	03/27/2015	N	5	5	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG10	SB/SG10-5 Rep	03/27/2015	FD	5	5	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG10	SB/SG10-15	03/27/2015	N	15	15	--	**37**	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG10	JW-SG10-E25	03/27/2015	N	25	25	--	<80	--	--	<200	--	<100	--	<200	--	<70	<100	<50	**50 J**	--	--	--	<100	<100	--	--	--	<200	--	<100	--	--	<100
JW-SB/SG10	SB/SG10-25	03/27/2015	N	25	25	--	**24**	--	--	<68	--	<39	--	<13	--	<27	<25	<21	**63**	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG10	SB/SG10-35	03/27/2015	N	35	35	--	**20**	--	--	<68	--	<39	--	<13	--	<27	<25	<21	**5,800**	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG11	SB/SG11-5	03/26/2015	N	5	5	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG11	SB/SG11-15	03/26/2015	N	15	15	--	**43**	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG11	SB/SG11-25	03/26/2015	N	25	25	--	**52**	--	--	<68	--	<39	--	<13	--	<27	<25	<21	**120**	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG11	SB/SG11-35	03/26/2015	N	35	35	--	**20**	--	--	<68	--	<39	--	<13	--	<27	<25	<21	**2,000**	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG12	SB/SG12-5	03/27/2015	N	5	5	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG12	SB/SG12-15	03/27/2015	N	15	15	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG12	SB/SG12-25	03/27/2015	N	25	25	--	**16**	--	--	<68	--	<39	--	<13	--	<27	<25	<21	**53**	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG12	JW-SG12-E35	03/30/2015	N	35	35	--	**10**	--	--	<10	--	<8	--	<10	--	<5	<10	<4	**700**	--	--	--	<10	<9	--	--	--	**10 J**	--	<10	--	--	**6 J**
JW-SB/SG12	SB/SG12-35	03/30/2015	N	35	35	--	**22**	--	--	<68	--	<39	--	<13	--	<27	<25	<21	**890**	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG13	SB/SG13-5	03/30/2015	N	5	5	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG13	SB/SG13-15	03/30/2015	N	15	15	--	**27**	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG13	SB/SG13-25	03/30/2015	N	25	25	--	**48**	--	--	<68	--	<39	--	<13	--	<27	**26**	<21	**42**	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG13	SB/SG13-35	03/30/2015	N	35	35	--	**32**	--	--	<68	--	<39	--	<13	--	<27	<25	<21	**610**	--	--	--	<50	<22	--	--	<50	**51**	<35	<27	<28	<50	**23**
JW-SB/SG14	SB/SG14-5	03/30/2015	N	5	5	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG14	SB/SG14-5 Rep	03/30/2015	FD	5	5	--	**18**	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG14	SB/SG14-15	03/30/2015	N	15	15	--	**28**	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG14	JW-SG14-E25	03/30/2015	N	25	25	--	**30 J**	--	--	<10	--	<8	--	<10	--	<6	<10	<4	**20 J**	--	--	--	<10	<9	--	--	--	**9 J**	**5 J**	<10	--	--	<9
JW-SB/SG14	SB/SG14-25	03/30/2015	N	25	25	--	**27**	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG14	SB/SG14-35	03/30/2015	N	35	35	--	**18**	--	--	<68	--	<39	--	<13	--	<27	<25	<21	**2,600**	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG15	SB/SG15-5	03/30/2015	N	5	5	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG15	SB/SG15-15	03/31/2015	N	15	15	--	**36**	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG15	SB/SG15-25	03/31/2015	N	25	25	--	**34**	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22

Appendix E-2
Analytical Results for Soil Gas Samples
Jervis B. Webb Superfund Site
South Gate, California

						Volatiles (in ug/m3)										
Location ID	**Sample ID**	**Sample Date**	**Sample Type**	**Top Sample Depth**	**Bottom Sample Depth**	**p-Cymene (p-Isopropyltoluene)**	**sec-Butylbenzene**	**Styrene**	**tert-Butylbenzene**	**Tetrachloroethene (PCE)**	**Toluene**	**trans-1,2-Dichloroethene**	**trans-1,3-Dichloropropene**	**Trichloroethene (TCE)**	**Trichlorofluoromethane**	**Vinyl Chloride**
JW-SB/SG08	SB/SG08-35	03/27/2015	N	35	35	<28	<28	--	<56	**580**	<38	**370**	--	**23,000**	<56	<13
JW-SB/SG09	SB/SG09-5	03/25/2015	N	5	5	<28	<28	--	<56	**360**	**190**	<40	--	**45**	<56	<13
JW-SB/SG09	SB/SG09-15	03/25/2015	N	15	15	<28	<28	--	<56	**1,000**	**200**	<40	--	**3,100**	<56	<13
JW-SB/SG09	SB/SG09-15 Rep	03/25/2015	FD	15	15	<28	<28	--	<56	**1,000**	**220**	<40	--	**2,800**	<56	<13
JW-SB/SG09	SB/SG09-25	03/25/2015	N	25	25	<28	<28	--	<56	**2,000**	**290**	**150**	--	**63,000**	<56	<13
JW-SB/SG09	SB/SG09-35	03/25/2015	N	35	35	<28	<28	--	<56	**180**	**310**	<40	--	**1,400**	<56	<13
JW-SB/SG10	SB/SG10-5	03/27/2015	N	5	5	<28	<28	--	<56	**2,900**	<38	<40	--	**290**	<56	<13
JW-SB/SG10	SB/SG10-5 Rep	03/27/2015	FD	5	5	<28	<28	--	<56	**2,800**	<38	<40	--	**250**	<56	<13
JW-SB/SG10	SB/SG10-15	03/27/2015	N	15	15	<28	<28	--	<56	**3,600**	**92**	<40	--	**3,700**	<56	<13
JW-SB/SG10	JW-SG10-E25	03/27/2015	N	25	25	--	--	--	--	**1,000**	<90	<100	--	**4,300**	<100	<60
JW-SB/SG10	SB/SG10-25	03/27/2015	N	25	25	<28	<28	--	<56	**1,600**	**76**	<40	--	**6,400**	<56	<13
JW-SB/SG10	SB/SG10-35	03/27/2015	N	35	35	<28	<28	--	<56	**3,500**	**81**	**500**	--	**42,000**	<56	<13
JW-SB/SG11	SB/SG11-5	03/26/2015	N	5	5	<28	<28	--	<56	**560**	<38	<40	--	**110**	<56	<13
JW-SB/SG11	SB/SG11-15	03/26/2015	N	15	15	<28	<28	--	<56	**4,700**	<38	<40	--	**17,000**	<56	<13
JW-SB/SG11	SB/SG11-25	03/26/2015	N	25	25	<28	<28	--	<56	**9,200**	<38	**90**	--	**77,000**	<56	<13
JW-SB/SG11	SB/SG11-35	03/26/2015	N	35	35	<28	<28	--	<56	**12,000**	<38	**260**	--	**34,000**	<56	<13
JW-SB/SG12	SB/SG12-5	03/27/2015	N	5	5	<28	<28	--	<56	**5,700**	<38	<40	--	**180**	<56	<13
JW-SB/SG12	SB/SG12-15	03/27/2015	N	15	15	<28	<28	--	<56	**5,400**	**71**	<40	--	**490**	<56	<13
JW-SB/SG12	SB/SG12-25	03/27/2015	N	25	25	<28	<28	--	<56	**1,300**	<38	<40	--	**860**	<56	**46**
JW-SB/SG12	JW-SG12-E35	03/30/2015	N	35	35	--	--	--	--	**600**	**30**	**100**	--	**3,900**	<10	**60 J**
JW-SB/SG12	SB/SG12-35	03/30/2015	N	35	35	<28	<28	--	<56	**1,100**	**47**	**120**	--	**6,900**	<56	**87**
JW-SB/SG13	SB/SG13-5	03/30/2015	N	5	5	<28	<28	--	<56	**13,000**	<38	<40	--	**5,000**	<56	<13
JW-SB/SG13	SB/SG13-15	03/30/2015	N	15	15	<28	<28	--	<56	**29,000**	<38	<40	--	**17,000**	<56	<13
JW-SB/SG13	SB/SG13-25	03/30/2015	N	25	25	<28	<28	--	<56	**51,000**	**63**	<40	--	**67,000**	<56	<13
JW-SB/SG13	SB/SG13-35	03/30/2015	N	35	35	<28	<28	--	<56	**9,400**	**65**	**73**	--	**110,000**	<56	<13
JW-SB/SG14	SB/SG14-5	03/30/2015	N	5	5	<28	<28	--	<56	**13,000**	<38	<40	--	**2,100**	<56	<13
JW-SB/SG14	SB/SG14-5 Rep	03/30/2015	FD	5	5	<28	<28	--	<56	**13,000**	<38	<40	--	**1,700**	<56	<13
JW-SB/SG14	SB/SG14-15	03/30/2015	N	15	15	<28	<28	--	<56	**11,000**	<38	<40	--	**2,700**	<56	<13
JW-SB/SG14	JW-SG14-E25	03/30/2015	N	25	25	--	--	--	--	**8,500**	**20 J**	**6 J**	--	**3,500**	<10	<5
JW-SB/SG14	SB/SG14-25	03/30/2015	N	25	25	<28	<28	--	<56	**18,000**	<38	<40	--	**8,800**	<56	<13
JW-SB/SG14	SB/SG14-35	03/30/2015	N	35	35	<28	<28	--	<56	**16,000**	<38	**370**	--	**390,000**	<56	<13
JW-SB/SG15	SB/SG15-5	03/30/2015	N	5	5	<28	<28	--	<56	**16,000**	<38	<40	--	**7,500**	<56	<13
JW-SB/SG15	SB/SG15-15	03/31/2015	N	15	15	<28	<28	--	<56	**22,000**	<38	<40	--	**7,900**	<56	<13
JW-SB/SG15	SB/SG15-25	03/31/2015	N	25	25	**40**	<28	--	<56	**46,000**	<38	<40	--	**17,000**	<56	<13

Appendix E-2
Analytical Results for Soil Gas Samples
Jervis B. Webb Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Volatiles (in ug/m3)																									
						1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,1-Difluoroethane	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,2-Dichlorotetrafluoroethane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	1,4-Dioxane (p-Dioxane)	2,2-Dichloropropane	2-Chlorotoluene
JW-SB/SG15	SB/SG15-35	03/31/2015	N	35	35	<70	**320**	<70	<77	<55	<41	**130**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG16	SB/SG16-5, 10PV	03/23/2015	N	5	5	<70	**190**	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG16	SB/SG16-5, 1PV	03/23/2015	N	5	5	<70	**200**	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG16	SB/SG16-5, 3PV	03/23/2015	N	5	5	<70	**200**	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG16	SB/SG16-15, 1PV	03/23/2015	N	15	15	<70	**14,000**	<70	**77,000 J**	<55	**61**	**2,800**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG16	SB/SG16-25, 10PV	03/23/2015	N	25	25	<70	**41**	<70	<77	<55	<41	**770**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG16	SB/SG16-25, 1PV	03/23/2015	N	25	25	<70	**41**	<70	<77	<55	<41	**690**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG16	SB/SG16-25, 3PV	03/23/2015	N	25	25	<70	**33**	<70	<77	<55	<41	**800**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG16	SB/SG16-35	03/25/2015	N	35	35	<1700	<690	<1700	<1900	<1400	<1000	<500	--	<680	--	--	<1900	<1200	--	--	--	<510	--	--	<1200	--	--	<1500	<910	--	--
JW-SB/SG17	SB/SG17-5	03/24/2015	N	5	5	<70	**710**	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG17	SB/SG17-15	03/24/2015	N	15	15	<70	**260**	<70	<77	<55	<41	**97**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG17	SB/SG17-15 Rep	03/24/2015	FD	15	15	<70	**250**	<70	<77	<55	<41	**98**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG17	SB/SG17-25	03/24/2015	N	25	25	<70	**180**	<70	<77	<55	<41	**100**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG17	SB/SG17-35	03/24/2015	N	35	35	<70	<28	<70	<77	<55	<41	**110**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG18	JW-SG18-E5	03/25/2015	N	5	5	--	**30 J**	<10	<20	<10	<8	<8	--	--	--	--	<20	<10	--	--	--	<8	--	--	<10	--	--	<10	<7	--	--
JW-SB/SG18	SB/SG18-5	03/25/2015	N	5	5	<70	**52**	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG18	SB/SG18-15, 10PV	03/24/2015	N	15	15	<70	<28	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG18	SB/SG18-15, 1PV	03/24/2015	N	15	15	<70	**2,000**	<70	**3,400**	<55	<41	**230**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG18	SB/SG18-15, 3PV	03/24/2015	N	15	15	<70	**34**	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG18	SB/SG18-25	03/25/2015	N	25	25	<70	**38**	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG18	SB/SG18-35, 10PV	03/24/2015	N	35	35	<70	**220**	<70	<77	<55	<41	**53**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG18	SB/SG18-35, 1PV	03/24/2015	N	35	35	<70	**240**	<70	<77	<55	<41	**54**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG18	SB/SG18-35, 3PV	03/24/2015	N	35	35	<70	**230**	<70	<77	<55	<41	**110**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG19	JW-SG19-E5	03/25/2015	N	5	5	--	<10	<10	<20	<10	<9	**5 J**	--	--	--	--	<20	**9 J**	--	--	--	<9	--	--	<10	--	--	<10	<8	--	--
JW-SB/SG19	SB/SG19-5	03/25/2015	N	5	5	<70	<28	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG19	SB/SG19-15	03/25/2015	N	15	15	<70	<28	<70	<77	<55	<41	**47**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG19	SB/SG19-25	03/26/2015	N	25	25	<70	<28	<70	<77	<55	**120**	**670**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG19	SB/SG19-35	03/26/2015	N	35	35	<70	<28	<70	<77	<55	<41	**110**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG20	SB/SG20-5	04/01/2015	N	5	5	<70	**38**	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG20	SB/SG20-15	04/01/2015	N	15	15	<70	**72**	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG20	SB/SG20-25	04/02/2015	N	25	25	<70	<28	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG20	SB/SG20-35	04/01/2015	N	35	35	<70	<28	<70	<77	<55	<41	**32**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG21	JW-SG21-E5	04/02/2015	N	5	5	--	**10**	<10	<20	<10	<8	<8	--	--	--	--	<20	<10	--	--	--	<8	--	--	<10	--	--	<10	<7	--	--
JW-SB/SG21	SB/SG21-5	04/02/2015	N	5	5	<70	<28	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--

Appendix E-2
Analytical Results for Soil Gas Samples
Jervis B. Webb Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Volatiles (in ug/m3)																											
						4-Chlorotoluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon Disulfide	Carbon Tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethylene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Ethylbenzene	Hexachlorobutadiene	Isopropanol	Isopropylbenzene (Cumene)	m,p-Xylene	Methylene Chloride	Naphthalene	n-Butylbenzene	n-Propylbenzene	o-Xylene
JW-SB/SG15	SB/SG15-35	03/31/2015	N	35	35	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	**610**	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG16	SB/SG16-5, 10PV	03/23/2015	N	5	5	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG16	SB/SG16-5, 1PV	03/23/2015	N	5	5	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG16	SB/SG16-5, 3PV	03/23/2015	N	5	5	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG16	SB/SG16-15, 1PV	03/23/2015	N	15	15	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	**28**	--	--	<50	**48**	<35	**27**	**30**	<50	**25**
JW-SB/SG16	SB/SG16-25, 10PV	03/23/2015	N	25	25	--	**21**	--	--	<68	--	<39	--	<13	--	<27	<25	<21	**81**	--	--	--	<50	<22	--	--	<50	<44	<35	<27	**33**	<50	<22
JW-SB/SG16	SB/SG16-25, 1PV	03/23/2015	N	25	25	--	**38**	--	--	<68	--	<39	--	<13	--	<27	<25	<21	**110**	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG16	SB/SG16-25, 3PV	03/23/2015	N	25	25	--	**43**	--	--	<68	--	<39	--	<13	--	<27	<25	<21	**120**	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG16	SB/SG16-35	03/25/2015	N	35	35	--	<400	--	--	<1700	--	<990	--	<320	--	<670	<620	<520	**1,800**	--	--	--	<1300	<550	--	--	<1200	<1100	<880	<660	<700	<1200	<550
JW-SB/SG17	SB/SG17-5	03/24/2015	N	5	5	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG17	SB/SG17-15	03/24/2015	N	15	15	--	**24**	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG17	SB/SG17-15 Rep	03/24/2015	FD	15	15	--	**28**	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG17	SB/SG17-25	03/24/2015	N	25	25	--	**30**	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG17	SB/SG17-35	03/24/2015	N	35	35	--	<16	--	--	<68	--	<39	--	<13	--	<27	**93**	<21	**2,200**	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG18	JW-SG18-E5	03/25/2015	N	5	5	--	<7	--	--	<10	--	<8	--	<10	--	<5	<10	<4	<8	--	--	--	<10	<9	--	--	--	<20	--	<10	--	--	<9
JW-SB/SG18	SB/SG18-5	03/25/2015	N	5	5	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG18	SB/SG18-15, 10PV	03/24/2015	N	15	15	--	**43 J**	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG18	SB/SG18-15, 1PV	03/24/2015	N	15	15	--	**35**	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG18	SB/SG18-15, 3PV	03/24/2015	N	15	15	--	**48**	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG18	SB/SG18-25	03/25/2015	N	25	25	--	**29**	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG18	SB/SG18-35, 10PV	03/24/2015	N	35	35	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	**1,400**	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG18	SB/SG18-35, 1PV	03/24/2015	N	35	35	--	<16	--	--	**77**	--	<39	--	<13	--	<27	**27**	<21	**1,400**	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG18	SB/SG18-35, 3PV	03/24/2015	N	35	35	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	**1,500**	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG19	JW-SG19-E5	03/25/2015	N	5	5	--	**10**	--	--	<10	--	<8	--	<10	--	<6	<10	<4	<8	--	--	--	<10	**9**	--	--	--	**30**	--	<10	--	--	**10**
JW-SB/SG19	SB/SG19-5	03/25/2015	N	5	5	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG19	SB/SG19-15	03/25/2015	N	15	15	--	**45**	--	--	<68	--	<39	--	<13	--	<27	<25	<21	**84**	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG19	SB/SG19-25	03/26/2015	N	25	25	--	**57**	--	--	<68	--	<39	--	<13	--	<27	<25	<21	**580**	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG19	SB/SG19-35	03/26/2015	N	35	35	--	**17**	--	--	<68	--	<39	--	<13	--	<27	<25	<21	**2,300**	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG20	SB/SG20-5	04/01/2015	N	5	5	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG20	SB/SG20-15	04/01/2015	N	15	15	--	**22**	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG20	SB/SG20-25	04/02/2015	N	25	25	--	**23**	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG20	SB/SG20-35	04/01/2015	N	35	35	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	**780**	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG21	JW-SG21-E5	04/02/2015	N	5	5	--	**5 J**	--	--	<10	--	<8	--	<10	--	<5	**5 J**	<4	<8	--	--	--	<10	<9	--	--	--	<20	--	<10	--	--	<9
JW-SB/SG21	SB/SG21-5	04/02/2015	N	5	5	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22

Appendix E-2
Analytical Results for Soil Gas Samples
Jervis B. Webb Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Volatiles (in ug/m3)										
						p-Cymene (p-Isopropyltoluene)	sec-Butylbenzene	Styrene	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Vinyl Chloride
JW-SB/SG15	SB/SG15-35	03/31/2015	N	35	35	<28	<28	--	<56	**12,000**	<38	**130**	--	**160,000**	<56	<13
JW-SB/SG16	SB/SG16-5, 10PV	03/23/2015	N	5	5	<28	<28	--	<56	**3,500**	<38	<40	--	**3,300**	<56	<13
JW-SB/SG16	SB/SG16-5, 1PV	03/23/2015	N	5	5	<28	<28	--	<56	**3,200**	<38	<40	--	**3,200**	<56	<13
JW-SB/SG16	SB/SG16-5, 3PV	03/23/2015	N	5	5	<28	<28	--	<56	**3,500**	<38	<40	--	**3,300**	<56	<13
JW-SB/SG16	SB/SG16-15, 1PV	03/23/2015	N	15	15	<28	<28	--	<56	**660**	**39**	<40	--	**810**	**75**	<13
JW-SB/SG16	SB/SG16-25, 10PV	03/23/2015	N	25	25	<28	<28	--	<56	**12,000**	<38	**64**	--	**77,000**	<56	**31**
JW-SB/SG16	SB/SG16-25, 1PV	03/23/2015	N	25	25	**35**	<28	--	<56	**13,000**	<38	**48**	--	**69,000**	<56	<13
JW-SB/SG16	SB/SG16-25, 3PV	03/23/2015	N	25	25	**35**	<28	--	<56	**13,000**	<38	**67**	--	**81,000**	<56	<13
JW-SB/SG16	SB/SG16-35	03/25/2015	N	35	35	<700	<700	--	<1400	**12,000**	<950	<1000	--	**38,000**	<1400	<320
JW-SB/SG17	SB/SG17-5	03/24/2015	N	5	5	<28	<28	--	<56	**9,700**	<38	<40	--	**3,400**	<56	<13
JW-SB/SG17	SB/SG17-15	03/24/2015	N	15	15	<28	<28	--	<56	**29,000**	<38	<40	--	**5,600**	<56	<13
JW-SB/SG17	SB/SG17-15 Rep	03/24/2015	FD	15	15	<28	<28	--	<56	**19,000**	<38	<40	--	**4,600**	<56	<13
JW-SB/SG17	SB/SG17-25	03/24/2015	N	25	25	<28	<28	--	<56	**28,000**	<38	<40	--	**5,900**	<56	<13
JW-SB/SG17	SB/SG17-35	03/24/2015	N	35	35	<28	<28	--	<56	**13,000**	<38	**210**	--	**34,000**	<56	<13
JW-SB/SG18	JW-SG18-E5	03/25/2015	N	5	5	--	--	--	--	**400**	**8 J**	<8	--	**40 J**	<10	<5
JW-SB/SG18	SB/SG18-5	03/25/2015	N	5	5	<28	<28	--	<56	**540**	<38	<40	--	**81**	<56	<13
JW-SB/SG18	SB/SG18-15, 10PV	03/24/2015	N	15	15	<28	<28	--	<56	**1,600 J**	<38	<40	--	**280 J**	<56	<13
JW-SB/SG18	SB/SG18-15, 1PV	03/24/2015	N	15	15	<28	<28	--	<56	**640**	<38	<40	--	**200**	<56	<13
JW-SB/SG18	SB/SG18-15, 3PV	03/24/2015	N	15	15	<28	<28	--	<56	**2,100**	<38	<40	--	**390**	<56	<13
JW-SB/SG18	SB/SG18-25	03/25/2015	N	25	25	<28	<28	--	<56	**4,300**	<38	<40	--	**800**	<56	<13
JW-SB/SG18	SB/SG18-35, 10PV	03/24/2015	N	35	35	<28	<28	--	<56	**9,100**	<38	**110**	--	**8,900**	<56	<13
JW-SB/SG18	SB/SG18-35, 1PV	03/24/2015	N	35	35	<28	<28	--	<56	**9,400**	<38	**150**	--	**9,100**	<56	<13
JW-SB/SG18	SB/SG18-35, 3PV	03/24/2015	N	35	35	<28	<28	--	<56	**10,000**	<38	**140**	--	**9,300**	<56	<13
JW-SB/SG19	JW-SG19-E5	03/25/2015	N	5	5	--	--	--	--	**300**	**60**	<8	--	**200**	<10	<5
JW-SB/SG19	SB/SG19-5	03/25/2015	N	5	5	<28	<28	--	<56	**420**	<38	<40	--	**260**	<56	<13
JW-SB/SG19	SB/SG19-15	03/25/2015	N	15	15	<28	<28	--	<56	**1,700**	<38	<40	--	**17,000**	<56	<13
JW-SB/SG19	SB/SG19-25	03/26/2015	N	25	25	<28	<28	--	<56	**8,700**	<38	**200**	--	**180,000**	<56	<13
JW-SB/SG19	SB/SG19-35	03/26/2015	N	35	35	<28	<28	--	<56	**6,200**	**51**	**210**	--	**27,000**	<56	<13
JW-SB/SG20	SB/SG20-5	04/01/2015	N	5	5	<28	<28	--	<56	**2,700**	<38	<40	--	<27	<56	<13
JW-SB/SG20	SB/SG20-15	04/01/2015	N	15	15	<28	<28	--	<56	**6,700**	<38	<40	--	**860**	<56	<13
JW-SB/SG20	SB/SG20-25	04/02/2015	N	25	25	<28	<28	--	<56	**7,700**	<38	<40	--	**1,200**	<56	<13
JW-SB/SG20	SB/SG20-35	04/01/2015	N	35	35	<28	<28	--	<56	**2,900**	<38	**80**	--	**3,700**	<56	<13
JW-SB/SG21	JW-SG21-E5	04/02/2015	N	5	5	--	--	--	--	**500**	**4 J**	<8	--	**40**	<10	<5
JW-SB/SG21	SB/SG21-5	04/02/2015	N	5	5	<28	<28	--	<56	**1,100**	<38	<40	--	**79**	<56	<13

Appendix E-2
Analytical Results for Soil Gas Samples
Jervis B. Webb Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Volatiles (in ug/m3)																									
						1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,1-Difluoroethane	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,2-Dichlorotetrafluoroethane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	1,4-Dioxane (p-Dioxane)	2,2-Dichloropropane	2-Chlorotoluene
JW-SB/SG21	SB/SG21-5 Rep	04/02/2015	FD	5	5	<70	<28	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG21	SB/SG21-15	04/02/2015	N	15	15	<70	<28	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG21	SB/SG21-25	04/02/2015	N	25	25	<70	<28	<70	<77	<55	<41	**130**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG21	SB/SG21-35	04/02/2015	N	35	35	<70	<28	<70	<77	<55	<41	**21**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG22	SB/SG22-5	04/01/2015	N	5	5	<70	<28	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG22	JW-SG22-E25	04/01/2015	N	25	25	--	<10	<10	<20	<10	**9**	**200**	--	--	--	--	<20	<10	--	--	--	<8	--	--	<10	--	--	<10	<8	--	--
JW-SB/SG22	SB/SG22-25	04/01/2015	N	25	25	<70	<28	<70	<77	<55	<41	**410**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG22	SB/SG22-25 Rep	04/01/2015	FD	25	25	<70	<28	<70	<77	<55	<41	**330**	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG22	SB/SG22-35	04/01/2015	N	35	35	<70	<28	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG23	SB/SG23-5	04/01/2015	N	5	5	<70	<28	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG23	SB/SG23-15	04/01/2015	N	15	15	<70	<28	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG23	SB/SG23-25	04/01/2015	N	25	25	<70	<28	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG23	SB/SG23-35	04/01/2015	N	35	35	<70	<28	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG24	SB/SG24-5	03/31/2015	N	5	5	<70	<28	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG24	SB/SG24-15	03/31/2015	N	15	15	<70	<28	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG24	SB/SG24-25	04/01/2015	N	25	25	<70	<28	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG24	JW-SG24-E35	04/01/2015	N	35	35	--	**20**	<10	<20	<10	<8	<8	--	--	--	--	<20	<10	--	--	--	<8	--	--	<10	--	--	<10	<7	--	--
JW-SB/SG24	SB/SG24-35	04/01/2015	N	35	35	<70	<28	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG25	SB/SG25-5	03/31/2015	N	5	5	<70	**31**	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG25	SB/SG25-15	03/31/2015	N	15	15	<70	**30**	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG25	SB/SG25-25	03/31/2015	N	25	25	<70	**29**	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG25	SB/SG25-35	03/31/2015	N	35	35	<70	<28	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG26	SB/SG26-5	03/31/2015	N	5	5	<70	<28	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG26	SB/SG26-15	03/31/2015	N	15	15	<70	<28	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG26	SB/SG26-25	03/31/2015	N	25	25	<70	<28	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG26	SB/SG26-35	03/31/2015	N	35	35	<70	<28	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG26	SB/SG26-35 Rep	03/31/2015	FD	35	35	<70	<28	<70	<77	<55	<41	<20	--	<27	--	--	<75	<50	--	--	--	<21	--	--	<50	--	--	<61	<36	--	--
JW-SB/SG27	JW-SB/SG27-5 3PV	02/15/2017	N	5	5	<60	<50	<100	<60	<80	<50	<70	<70	--	<110	<110	<120	<50	<290	<80	<50	<60	<50	--	<50	<50	<60	<60	<16000	<70	<30
JW-SB/SG27	JW-SB/SG27-15 3PV	02/15/2017	N	15	15	<60	<50	<100	<60	<80	<50	<70	<70	--	<110	<110	<120	<50	<290	<80	<50	<60	<50	--	<50	<50	<60	<60	<16000	<70	<30
JW-SB/SG27	JW-SB/SG27-35 3PV	02/15/2017	N	35	35	<60	<50	<100	<60	<80	<50	**570**	<70	--	<110	<110	<120	<50	<290	<80	<50	<60	<50	--	<50	<50	<60	<60	<16000	<70	<30
JW-SB/SG28	JW-SB/SG28-5 3PV	02/15/2017	N	5	5	<60	<50	<100	<60	<80	<50	<70	<70	--	<110	<110	<120	<50	<290	<80	<50	<60	<50	--	<50	<50	<60	<60	<16000	<70	<30
JW-SB/SG28	JW-SB/SG28-15 3PV	02/15/2017	N	15	15	<60	<50	<100	<60	<80	<50	<70	<70	--	<110	<110	<120	<50	<290	<80	<50	<60	<50	--	<50	<50	<60	<60	<16000	<70	<30
JW-SB/SG28	JW-SB/SG28-35 3PV	02/15/2017	N	35	35	<60	<50	<100	<60	<80	<50	<70	<70	--	<110	<110	<120	<50	<290	<80	<50	<60	<50	--	<50	<50	<60	<60	<16000	<70	<30
JW-SB/SG29	JW-SB/SG29-5 3PV	02/15/2017	N	5	5	<60	<50	<100	<60	<80	<50	<70	<70	--	<110	<110	<120	<50	<290	<80	<50	<60	<50	--	<50	<50	<60	<60	<16000	<70	<30

Appendix E-2
Analytical Results for Soil Gas Samples
Jervis B. Webb Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Volatiles (in ug/m3)																											
						4-Chlorotoluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon Disulfide	Carbon Tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethylene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Ethylbenzene	Hexachlorobutadiene	Isopropanol	Isopropylbenzene (Cumene)	m,p-Xylene	Methylene Chloride	Naphthalene	n-Butylbenzene	n-Propylbenzene	o-Xylene
JW-SB/SG21	SB/SG21-5 Rep	04/02/2015	FD	5	5	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG21	SB/SG21-15	04/02/2015	N	15	15	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG21	SB/SG21-25	04/02/2015	N	25	25	--	**97**	--	--	<68	--	<39	--	<13	--	<27	<25	<21	**130**	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG21	SB/SG21-35	04/02/2015	N	35	35	--	<16	--	--	<68	--	<39	--	<13	--	<27	**30**	<21	**640**	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG22	SB/SG22-5	04/01/2015	N	5	5	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG22	JW-SG22-E25	04/01/2015	N	25	25	--	**10**	--	--	<10	--	<8	--	<10	--	<6	<10	<4	**1,200**	--	--	--	<10	<9	--	--	--	<20	--	<10	--	--	<9
JW-SB/SG22	SB/SG22-25	04/01/2015	N	25	25	--	**27**	--	--	<68	--	<39	--	<13	--	<27	<25	**31**	**1,600**	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG22	SB/SG22-25 Rep	04/01/2015	FD	25	25	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	**1,400**	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG22	SB/SG22-35	04/01/2015	N	35	35	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG23	SB/SG23-5	04/01/2015	N	5	5	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG23	SB/SG23-15	04/01/2015	N	15	15	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG23	SB/SG23-25	04/01/2015	N	25	25	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG23	SB/SG23-35	04/01/2015	N	35	35	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG24	SB/SG24-5	03/31/2015	N	5	5	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG24	SB/SG24-15	03/31/2015	N	15	15	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG24	SB/SG24-25	04/01/2015	N	25	25	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG24	JW-SG24-E35	04/01/2015	N	35	35	--	**3 J**	--	--	<10	--	<8	--	<10	--	<5	**6 J**	<4	<8	--	--	--	<10	<9	--	--	--	<20	--	<10	--	--	<9
JW-SB/SG24	SB/SG24-35	04/01/2015	N	35	35	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG25	SB/SG25-5	03/31/2015	N	5	5	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG25	SB/SG25-15	03/31/2015	N	15	15	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG25	SB/SG25-25	03/31/2015	N	25	25	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG25	SB/SG25-35	03/31/2015	N	35	35	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG26	SB/SG26-5	03/31/2015	N	5	5	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG26	SB/SG26-15	03/31/2015	N	15	15	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG26	SB/SG26-25	03/31/2015	N	25	25	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG26	SB/SG26-35	03/31/2015	N	35	35	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG26	SB/SG26-35 Rep	03/31/2015	FD	35	35	--	<16	--	--	<68	--	<39	--	<13	--	<27	<25	<21	<40	--	--	--	<50	<22	--	--	<50	<44	<35	<27	<28	<50	<22
JW-SB/SG27	JW-SB/SG27-5 3PV	02/15/2017	N	5	5	<70	<30	<40	<90	<50	<50	<150	<40	<50	<20	<70	<80	<70	<50	<80	<80	<90	<20	<30	<300	<92	<60	<70	<50	<170	<350	<40	<60
JW-SB/SG27	JW-SB/SG27-15 3PV	02/15/2017	N	15	15	<70	<30	<40	<90	<50	<50	<150	<40	<50	<20	<70	<80	<70	<50	<80	<80	<90	<20	<30	<300	<92	<60	<70	<50	<170	<350	<40	<60
JW-SB/SG27	JW-SB/SG27-35 3PV	02/15/2017	N	35	35	<70	<30	<40	<90	<50	<50	<150	<40	<50	<20	<70	<80	<70	<50	<80	<80	<90	<20	<30	<300	<92	<60	<70	<50	<170	<350	<40	<60
JW-SB/SG28	JW-SB/SG28-5 3PV	02/15/2017	N	5	5	<70	<30	<40	<90	<50	<50	<150	<40	<50	<20	<70	<80	<70	<50	<80	<80	<90	<20	<30	<300	<92	<60	<70	<50	<170	<350	<40	<60
JW-SB/SG28	JW-SB/SG28-15 3PV	02/15/2017	N	15	15	<70	<30	<40	<90	<50	<50	<150	<40	<50	<20	<70	<80	**310 J**	<50	<80	<80	<90	<20	<30	<300	<92	<60	<70	<50	<170	<350	<40	<60
JW-SB/SG28	JW-SB/SG28-35 3PV	02/15/2017	N	35	35	<70	<30	<40	<90	<50	<50	<150	<40	<50	<20	<70	<80	<70	<50	<80	<80	<90	<20	<30	<300	<92	<60	<70	<50	<170	<350	<40	<60
JW-SB/SG29	JW-SB/SG29-5 3PV	02/15/2017	N	5	5	<70	<30	<40	<90	<50	<50	<150	<40	<50	<20	<70	<80	<70	<50	<80	<80	<90	<20	<30	<300	<92	<60	<70	<50	<170	<350	<40	<60

Appendix E-2
Analytical Results for Soil Gas Samples
Jervis B. Webb Superfund Site
South Gate, California

						Volatiles (in ug/m3)										
Location ID	**Sample ID**	**Sample Date**	**Sample Type**	**Top Sample Depth**	**Bottom Sample Depth**	**p-Cymene (p-Isopropyltoluene)**	**sec-Butylbenzene**	**Styrene**	**tert-Butylbenzene**	**Tetrachloroethene (PCE)**	**Toluene**	**trans-1,2-Dichloroethene**	**trans-1,3-Dichloropropene**	**Trichloroethene (TCE)**	**Trichlorofluoromethane**	**Vinyl Chloride**
JW-SB/SG21	SB/SG21-5 Rep	04/02/2015	FD	5	5	<28	<28	--	<56	**1,000**	<38	<40	--	**88**	<56	<13
JW-SB/SG21	SB/SG21-15	04/02/2015	N	15	15	<28	<28	--	<56	**1,000**	<38	<40	--	**68**	<56	<13
JW-SB/SG21	SB/SG21-25	04/02/2015	N	25	25	<28	<28	--	<56	**700**	<38	<40	--	**1,900**	<56	<13
JW-SB/SG21	SB/SG21-35	04/02/2015	N	35	35	<28	<28	--	<56	**3,800**	<38	**49**	--	**3,100**	<56	<13
JW-SB/SG22	SB/SG22-5	04/01/2015	N	5	5	<28	<28	--	<56	**370**	<38	<40	--	<27	<56	<13
JW-SB/SG22	JW-SG22-E25	04/01/2015	N	25	25	--	--	--	--	**10**	**9**	**100**	--	**1,000**	<10	**50 J**
JW-SB/SG22	SB/SG22-25	04/01/2015	N	25	25	<28	<28	--	<56	<34	<38	**200**	--	**1,700**	<56	**75**
JW-SB/SG22	SB/SG22-25 Rep	04/01/2015	FD	25	25	<28	<28	--	<56	<34	<38	**180**	--	**1,700**	<56	**47**
JW-SB/SG22	SB/SG22-35	04/01/2015	N	35	35	<28	<28	--	<56	**160**	<38	<40	--	**150**	<56	<13
JW-SB/SG23	SB/SG23-5	04/01/2015	N	5	5	<28	<28	--	<56	<34	<38	<40	--	<27	<56	<13
JW-SB/SG23	SB/SG23-15	04/01/2015	N	15	15	<28	<28	--	<56	**35**	<38	<40	--	<27	<56	<13
JW-SB/SG23	SB/SG23-25	04/01/2015	N	25	25	<28	<28	--	<56	<34	<38	<40	--	**180**	<56	<13
JW-SB/SG23	SB/SG23-35	04/01/2015	N	35	35	<28	<28	--	<56	<34	<38	<40	--	<27	<56	<13
JW-SB/SG24	SB/SG24-5	03/31/2015	N	5	5	<28	<28	--	<56	<34	<38	<40	--	<27	<56	<13
JW-SB/SG24	SB/SG24-15	03/31/2015	N	15	15	<28	<28	--	<56	<34	<38	<40	--	<27	<56	<13
JW-SB/SG24	SB/SG24-25	04/01/2015	N	25	25	<28	<28	--	<56	<34	<38	<40	--	<27	<56	<13
JW-SB/SG24	JW-SG24-E35	04/01/2015	N	35	35	--	--	--	--	**200**	**4 J**	<8	--	**10**	<10	<5
JW-SB/SG24	SB/SG24-35	04/01/2015	N	35	35	<28	<28	--	<56	**220**	<38	<40	--	<27	<56	<13
JW-SB/SG25	SB/SG25-5	03/31/2015	N	5	5	<28	<28	--	<56	<34	<38	<40	--	<27	<56	<13
JW-SB/SG25	SB/SG25-15	03/31/2015	N	15	15	<28	<28	--	<56	<34	<38	<40	--	**48**	<56	<13
JW-SB/SG25	SB/SG25-25	03/31/2015	N	25	25	<28	<28	--	<56	<34	<38	<40	--	<27	<56	<13
JW-SB/SG25	SB/SG25-35	03/31/2015	N	35	35	<28	<28	--	<56	**310**	<38	<40	--	**72**	<56	<13
JW-SB/SG26	SB/SG26-5	03/31/2015	N	5	5	<28	<28	--	<56	**50**	<38	<40	--	**70**	<56	<13
JW-SB/SG26	SB/SG26-15	03/31/2015	N	15	15	<28	<28	--	<56	<34	<38	<40	--	**29**	<56	<13
JW-SB/SG26	SB/SG26-25	03/31/2015	N	25	25	<28	<28	--	<56	<34	<38	<40	--	**46**	<56	<13
JW-SB/SG26	SB/SG26-35	03/31/2015	N	35	35	<28	<28	--	<56	**230**	<38	<40	--	**110**	<56	<13
JW-SB/SG26	SB/SG26-35 Rep	03/31/2015	FD	35	35	<28	<28	--	<56	**170**	<38	<40	--	**53**	<56	<13
JW-SB/SG27	JW-SB/SG27-5 3PV	02/15/2017	N	5	5	<60	<80	<50	<80	<30	<40	<50	<50	<40	<50	<60
JW-SB/SG27	JW-SB/SG27-15 3PV	02/15/2017	N	15	15	<60	<80	<50	<80	<30	<40	<50	<50	<40	<50	<60
JW-SB/SG27	JW-SB/SG27-35 3PV	02/15/2017	N	35	35	<60	<80	<50	<80	**380**	<40	<50	<50	**3,300**	<50	<60
JW-SB/SG28	JW-SB/SG28-5 3PV	02/15/2017	N	5	5	<60	<80	<50	<80	<30	<40	<50	<50	<40	<50	<60
JW-SB/SG28	JW-SB/SG28-15 3PV	02/15/2017	N	15	15	<60	<80	<50	<80	<30	<40	<50	<50	**250**	<50	<60
JW-SB/SG28	JW-SB/SG28-35 3PV	02/15/2017	N	35	35	<60	<80	<50	<80	<30	<40	<50	<50	<40	<50	<60
JW-SB/SG29	JW-SB/SG29-5 3PV	02/15/2017	N	5	5	<60	<80	<50	<80	**170**	<40	<50	<50	<40	<50	<60

Appendix E-2
Analytical Results for Soil Gas Samples
Jervis B. Webb Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Volatiles (in ug/m3)																									
						1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,1-Difluoroethane	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,2-Dichlorotetrafluoroethane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	1,4-Dioxane (p-Dioxane)	2,2-Dichloropropane	2-Chlorotoluene
JW-SB/SG29	JW-SB/SG29-15 3PV	02/15/2017	N	15	15	<60	<50	<100	<60	<80	<50	<70	<70	--	<110	<110	<120	<50	<290	<80	<50	<60	<50	--	<50	<50	<60	<60	<16000	<70	<30
JW-SB/SG29	JW-SB/SG29-35 3PV	02/15/2017	N	35	35	<60	<50	<100	<60	<80	<50	**110**	<70	--	<110	<110	<120	<50	<290	<80	<50	<60	<50	--	<50	<50	<60	<60	<16000	<70	<30
JW-SB/SG30	JW-SB/SG30-5 3PV	02/15/2017	N	5	5	<60	<50	<100	<60	<80	<50	<70	<70	--	<110	<110	<120	<50	<290	<80	<50	<60	<50	--	<50	<50	<60	<60	<16000	<70	<30
JW-SB/SG30	JW-SB/SG30-15 3PV	02/15/2017	N	15	15	<60	<50	<100	<60	<80	<50	<70	<70	--	<110	<110	<120	<50	<290	<80	<50	<60	<50	--	<50	<50	<60	<60	<16000	<70	<30
JW-SB/SG30	JW-SB/SG30-25 3PV	02/15/2017	N	25	25	<60	<50	<100	<60	<80	<50	<70	<70	--	<110	<110	<120	<50	<290	<80	<50	<60	<50	--	<50	<50	<60	<60	<16000	<70	<30
JW-SB/SG30	JW-SB/SG30-35 3PV	02/15/2017	N	35	35	<60	<50	<100	<60	<80	<50	<70	<70	--	<110	<110	<120	<50	<290	<80	<50	<60	<50	--	<50	<50	<60	<60	<16000	<70	<30
JW-SB/SG31	JW-SB/SG31-25E	02/16/2017	N	0	0	--	<10	<10	<10	<10	**7**	**60**	--	--	--	--	<10	<9	--	<10	<10	<7	<8	<10	<9	<10	--	<10	**7 J**	--	--
JW-SB/SG31	JW-SB/SG31-5 3PV	02/16/2017	N	5	5	<60	<50	<100	<60	<80	<50	<70	<70	--	<110	<110	<120	<50	<290	<80	<50	<60	<50	--	<50	<50	<60	<60	<16000	<70	<30
JW-SB/SG31	JW-SB/SG31-15 3PV	02/16/2017	N	15	15	<60	<50	<100	<60	<80	<50	<70	<70	--	<110	<110	<120	<50	<290	<80	<50	<60	<50	--	<50	<50	<60	<60	<16000	<70	<30
JW-SB/SG31	JW-SB/SG31-25 3PV	02/16/2017	N	25	25	<60	<50	<100	<60	<80	<50	<70	<70	--	<110	<110	<120	<50	<290	<80	<50	<60	<50	--	<50	<50	<60	<60	<16000	<70	<30
JW-SB/SG31	JW-SB/SG31-35 3PV	02/16/2017	N	35	35	<60	<50	<100	<60	<80	<50	<70	<70	--	<110	<110	<120	<50	<290	<80	<50	<60	<50	--	<50	<50	<60	<60	<16000	<70	<30
JW-SB/SG32	JW-SB/SG32-15E	02/16/2017	N	0	0	--	<10	<10	<20	<10	<9	<9	--	--	--	--	<20	<10	--	<20	<10	<9	<10	<20	<10	<10	--	<10	<8	--	--
JW-SB/SG32	JW-SB/SG32-5 3PV	02/16/2017	N	5	5	<60	<50	<100	<60	<80	<50	<70	<70	--	<110	<110	<120	<50	<290	<80	<50	<60	<50	--	<50	<50	<60	<60	<16000	<70	<30
JW-SB/SG32	JW-SB/SG32-15 3PV	02/16/2017	N	15	15	<60	<50	<100	<60	<80	<50	<70	<70	--	<110	<110	<120	<50	<290	<80	<50	<60	<50	--	<50	<50	<60	<60	<16000	<70	<30
JW-SB/SG32	JW-SB/SG32-25 3PV	02/16/2017	N	25	25	<60	<50	<100	<60	<80	<50	<70	<70	--	<110	<110	<120	<50	<290	<80	<50	<60	<50	--	<50	<50	<60	<60	<16000	<70	<30
JW-SB/SG32	JW-SB/SG32-35 3PV	02/16/2017	N	35	35	<60	<50	<100	<60	<80	<50	<70	<70	--	<110	<110	<120	<50	<290	<80	<50	<60	<50	--	<50	<50	<60	<60	<16000	<70	<30
JW-SB/SG33	JW-SB/SG33-35E	02/16/2017	N	0	0	--	<10	<10	<10	<10	**20**	**100**	--	--	--	--	<10	<9	--	<10	<10	<7	<8	<10	<9	<10	--	<10	<7	--	--
JW-SB/SG33	JW-SB/SG33-5 3PV	02/16/2017	N	5	5	<60	<50	<100	<60	<80	<50	<70	<70	--	<110	<110	<120	<50	<290	<80	<50	<60	<50	--	<50	<50	<60	<60	<16000	<70	<30
JW-SB/SG33	JW-SB/SG33-15 3PV	02/16/2017	N	15	15	<60	<50	<100	<60	<80	<50	<70	<70	--	<110	<110	<120	<50	<290	<80	<50	<60	<50	--	<50	<50	<60	<60	<16000	<70	<30
JW-SB/SG33	JW-SB/SG33-25 3PV	02/16/2017	N	25	25	<60	<50	<100	<60	<80	<50	<70	<70	--	<110	<110	<120	<50	<290	<80	<50	<60	<50	--	<50	<50	<60	<60	<16000	<70	<30
JW-SB/SG33	JW-SB/SG33-35 3PV	02/16/2017	N	35	35	<60	<50	<100	<60	<80	<50	<70	<70	--	<110	<110	<120	<50	<290	<80	<50	<60	<50	--	<50	<50	<60	<60	<16000	<70	<30
JW-SB/SG34	JW-SB/SG34-05E	02/16/2017	N	0	0	--	**10**	<10	<20	<10	<9	<9	--	--	--	--	<20	<10	--	<20	<10	<9	<10	<20	<10	<10	--	<10	<8	--	--
JW-SB/SG34	JW-SB/SG34-5 3PV	02/16/2017	N	5	5	<60	<50	<100	<60	<80	<50	<70	<70	--	<110	<110	<120	<50	<290	<80	<50	<60	<50	--	<50	<50	<60	<60	<16000	<70	<30
JW-SB/SG34	JW-SB/SG34-15 3PV	02/16/2017	N	15	15	<60	<50	<100	<60	<80	<50	<70	<70	--	<110	<110	<120	<50	<290	<80	<50	<60	<50	--	<50	<50	<60	<60	<16000	<70	<30
JW-SB/SG34	JW-SB/SG34-25 3PV	02/16/2017	N	25	25	<60	<50	<100	<60	<80	<50	**200**	<70	--	<110	<110	<120	<50	<290	<80	<50	<60	<50	--	<50	<50	<60	<60	<16000	<70	<30
JW-SB/SG34	JW-SB/SG34-35 3PV	02/16/2017	N	35	35	<60	<50	<100	<60	<80	<50	<70	<70	--	<110	<110	<120	<50	<290	<80	<50	<60	<50	--	<50	<50	<60	<60	<16000	<70	<30

Appendix E-2
Analytical Results for Soil Gas Samples
Jervis B. Webb Superfund Site
South Gate, California

						Volatiles (in ug/m3)																												
Location ID	**Sample ID**	**Sample Date**	**Sample Type**	**Top Sample Depth**	**Bottom Sample Depth**	**4-Chlorotoluene**	**Benzene**	**Bromobenzene**	**Bromochloromethane**	**Bromodichloromethane**	**Bromoform**	**Bromomethane**	**Carbon Disulfide**	**Carbon Tetrachloride**	**Chlorobenzene**	**Chloroethane**	**Chloroform**	**Chloromethane**	**cis-1,2-Dichloroethylene**	**cis-1,3-Dichloropropene**	**Dibromochloromethane**	**Dibromomethane**	**Dichlorodifluoromethane**	**Ethylbenzene**	**Hexachlorobutadiene**	**Isopropanol**	**Isopropylbenzene (Cumene)**	**m,p-Xylene**	**Methylene Chloride**	**Naphthalene**	**n-Butylbenzene**	**n-Propylbenzene**	**o-Xylene**
JW-SB/SG29	JW-SB/SG29-15 3PV	02/15/2017	N	15	15	<70	<30	<40	<90	<50	<50	<150	<40	<50	<20	<70	<80	<70	<50	<80	<80	<90	<20	<30	<300	<92	<60	<70	<50	<170	<350	<40	<60
JW-SB/SG29	JW-SB/SG29-35 3PV	02/15/2017	N	35	35	<70	<30	<40	<90	<50	<50	<150	<40	<50	<20	<70	<80	<70	**170 J**	<80	<80	<90	<20	<30	<300	<92	<60	<70	<50	<170	<350	<40	<60
JW-SB/SG30	JW-SB/SG30-5 3PV	02/15/2017	N	5	5	<70	<30	<40	<90	<50	<50	<150	<40	<50	<20	<70	<80	<70	<50	<80	<80	<90	<20	<30	<300	<92	<60	<70	<50	<170	<350	<40	<60
JW-SB/SG30	JW-SB/SG30-15 3PV	02/15/2017	N	15	15	<70	<30	<40	<90	<50	<50	<150	<40	<50	<20	<70	<80	<70	<50	<80	<80	<90	<20	<30	<300	<92	<60	<70	<50	<170	<350	<40	<60
JW-SB/SG30	JW-SB/SG30-25 3PV	02/15/2017	N	25	25	<70	<30	<40	<90	<50	<50	<150	<40	<50	<20	<70	<80	<70	<50	<80	<80	<90	<20	<30	<300	<92	<60	<70	<50	<170	<350	<40	<60
JW-SB/SG30	JW-SB/SG30-35 3PV	02/15/2017	N	35	35	<70	<30	<40	<90	<50	<50	<150	<40	<50	<20	<70	<80	<70	**1,900**	<80	<80	<90	<20	<30	<300	<92	<60	<70	<50	<170	<350	<40	<60
JW-SB/SG31	JW-SB/SG31-25E	02/16/2017	N	0	0	--	**10**	--	--	--	--	<7	--	<10	<8	<5	<9	**5 J**	**100**	<8	--	--	--	<8	<20	<4	--	<20	**5 J**	--	--	--	<8
JW-SB/SG31	JW-SB/SG31-5 3PV	02/16/2017	N	5	5	<70	<30	<40	<90	<50	<50	<150	<40	<50	<20	<70	<80	<70	<50	<80	<80	<90	<20	<30	<300	<92	<60	<70	<50	<170	<350	<40	<60
JW-SB/SG31	JW-SB/SG31-15 3PV	02/16/2017	N	15	15	<70	<30	<40	<90	<50	<50	<150	<40	<50	<20	<70	<80	<70	<50	<80	<80	<90	<20	<30	<300	<92	<60	<70	<50	<170	<350	<40	<60
JW-SB/SG31	JW-SB/SG31-25 3PV	02/16/2017	N	25	25	<70	<30	<40	<90	<50	<50	<150	<40	<50	<20	<70	<80	<70	<50	<80	<80	<90	<20	<30	<300	<92	<60	<70	<50	<170	<350	<40	<60
JW-SB/SG31	JW-SB/SG31-35 3PV	02/16/2017	N	35	35	<70	<30	<40	<90	<50	<50	<150	<40	<50	<20	<70	<80	<70	**1,300**	<80	<80	<90	<20	<30	<300	<92	<60	<70	<50	<170	<350	<40	<60
JW-SB/SG32	JW-SB/SG32-15E	02/16/2017	N	0	0	--	**50**	--	--	--	--	<8	--	<10	<10	<6	**20**	**4 J**	<9	<10	--	--	--	<9	<20	**3 J**	--	**10 J**	**5 J**	--	--	--	<9
JW-SB/SG32	JW-SB/SG32-5 3PV	02/16/2017	N	5	5	<70	<30	<40	<90	<50	<50	<150	<40	<50	<20	<70	<80	<70	<50	<80	<80	<90	<20	<30	<300	<92	<60	<70	<50	<170	<350	<40	<60
JW-SB/SG32	JW-SB/SG32-15 3PV	02/16/2017	N	15	15	<70	<30	<40	<90	<50	<50	<150	<40	<50	<20	<70	<80	<70	<50	<80	<80	<90	<20	<30	<300	<92	<60	<70	<50	<170	<350	<40	<60
JW-SB/SG32	JW-SB/SG32-25 3PV	02/16/2017	N	25	25	<70	<30	<40	<90	<50	<50	<150	<40	<50	<20	<70	<80	<70	<50	<80	<80	<90	<20	<30	<300	<92	<60	**100 J**	<50	<170	<350	<40	<60
JW-SB/SG32	JW-SB/SG32-35 3PV	02/16/2017	N	35	35	<70	<30	<40	<90	<50	<50	<150	<40	<50	<20	<70	<80	<70	<50	<80	<80	<90	<20	<30	<300	<92	<60	<70	<50	<170	<350	<40	<60
JW-SB/SG33	JW-SB/SG33-35E	02/16/2017	N	0	0	--	**9**	--	--	--	--	<7	--	<10	<8	<5	**100**	<4	**1,100**	<8	--	--	--	<8	<20	**2 J**	--	<20	**4 J**	--	--	--	<8
JW-SB/SG33	JW-SB/SG33-5 3PV	02/16/2017	N	5	5	<70	<30	<40	<90	<50	<50	<150	<40	<50	<20	<70	<80	<70	<50	<80	<80	<90	<20	<30	<300	<92	<60	<70	<50	<170	<350	<40	<60
JW-SB/SG33	JW-SB/SG33-15 3PV	02/16/2017	N	15	15	<70	<30	<40	<90	<50	<50	<150	<40	<50	<20	<70	<80	<70	<50	<80	<80	<90	<20	<30	<300	<92	<60	<70	<50	<170	<350	<40	<60
JW-SB/SG33	JW-SB/SG33-25 3PV	02/16/2017	N	25	25	<70	<30	<40	<90	<50	<50	<150	<40	<50	<20	<70	<80	<70	**130 J**	<80	<80	<90	<20	<30	<300	<92	<60	<70	<50	<170	<350	<40	<60
JW-SB/SG33	JW-SB/SG33-35 3PV	02/16/2017	N	35	35	<70	<30	<40	<90	<50	<50	<150	<40	<50	<20	<70	<80	<70	**1,900**	<80	<80	<90	<20	<30	<300	<92	<60	<70	<50	<170	<350	<40	<60
JW-SB/SG34	JW-SB/SG34-05E	02/16/2017	N	0	0	--	**4 J**	--	--	--	--	<8	--	<10	<10	<6	<10	<4	<9	<10	--	--	--	<9	<20	<5	--	<20	<7	--	--	--	<9
JW-SB/SG34	JW-SB/SG34-5 3PV	02/16/2017	N	5	5	<70	<30	<40	<90	<50	<50	<150	<40	<50	<20	<70	<80	<70	<50	<80	<80	<90	<20	<30	<300	<92	<60	<70	<50	<170	<350	<40	<60
JW-SB/SG34	JW-SB/SG34-15 3PV	02/16/2017	N	15	15	<70	<30	<40	<90	<50	<50	<150	<40	<50	<20	<70	<80	<70	<50	<80	<80	<90	<20	<30	<300	<92	<60	<70	<50	<170	<350	<40	<60
JW-SB/SG34	JW-SB/SG34-25 3PV	02/16/2017	N	25	25	<70	<30	<40	<90	<50	<50	<150	<40	<50	<20	<70	<80	<70	**1,200**	<80	<80	<90	<20	<30	<300	<92	<60	<70	<50	<170	<350	<40	<60
JW-SB/SG34	JW-SB/SG34-35 3PV	02/16/2017	N	35	35	<70	<30	<40	<90	<50	<50	<150	<40	<50	<20	<70	<80	<70	**860**	<80	<80	<90	<20	<30	<300	<92	<60	<70	<50	<170	<350	<40	<60

Appendix E-2
Analytical Results for Soil Gas Samples
Jervis B. Webb Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Top Sample Depth	Bottom Sample Depth	Volatiles (in ug/m3)										
						p-Cymene (p-Isopropyltoluene)	sec-Butylbenzene	Styrene	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Vinyl Chloride
JW-SB/SG29	JW-SB/SG29-15 3PV	02/15/2017	N	15	15	<60	<80	<50	<80	**100**	<40	<50	<50	**180**	<50	<60
JW-SB/SG29	JW-SB/SG29-35 3PV	02/15/2017	N	35	35	<60	<80	<50	<80	**290**	<40	<50	<50	**1,300**	<50	<60
JW-SB/SG30	JW-SB/SG30-5 3PV	02/15/2017	N	5	5	<60	<80	<50	<80	<30	<40	<50	<50	<40	<50	<60
JW-SB/SG30	JW-SB/SG30-15 3PV	02/15/2017	N	15	15	<60	<80	<50	<80	**120**	<40	<50	<50	**910**	<50	<60
JW-SB/SG30	JW-SB/SG30-25 3PV	02/15/2017	N	25	25	<60	<80	<50	<80	<30	<40	<50	<50	**990**	<50	<60
JW-SB/SG30	JW-SB/SG30-35 3PV	02/15/2017	N	35	35	<60	<80	<50	<80	**830**	<40	**140 J**	<50	**7,200**	<50	<60
JW-SB/SG31	JW-SB/SG31-25E	02/16/2017	N	0	0	--	--	<8	--	**30**	**40**	--	<8	**3,800**	<10	**7**
JW-SB/SG31	JW-SB/SG31-5 3PV	02/16/2017	N	5	5	<60	<80	<50	<80	**740**	<40	<50	<50	**790**	<50	<60
JW-SB/SG31	JW-SB/SG31-15 3PV	02/16/2017	N	15	15	<60	<80	<50	<80	**600**	<40	<50	<50	**2,800**	<50	<60
JW-SB/SG31	JW-SB/SG31-25 3PV	02/16/2017	N	25	25	<60	<80	<50	<80	<30	<40	<50	<50	**4,500**	<50	<60
JW-SB/SG31	JW-SB/SG31-35 3PV	02/16/2017	N	35	35	<60	<80	<50	<80	**9,300**	<40	**130 J**	<50	**19,000**	<50	<60
JW-SB/SG32	JW-SB/SG32-15E	02/16/2017	N	0	0	--	--	<9	--	**100**	**70**	--	<10	**30**	**7 J**	<6
JW-SB/SG32	JW-SB/SG32-5 3PV	02/16/2017	N	5	5	<60	<80	<50	<80	<30	<40	<50	<50	<40	<50	<60
JW-SB/SG32	JW-SB/SG32-15 3PV	02/16/2017	N	15	15	<60	<80	<50	<80	**160**	<40	<50	<50	<40	<50	<60
JW-SB/SG32	JW-SB/SG32-25 3PV	02/16/2017	N	25	25	**110 J**	<80	<50	<80	<30	**430 J**	<50	<50	<40	<50	<60
JW-SB/SG32	JW-SB/SG32-35 3PV	02/16/2017	N	35	35	<60	<80	<50	<80	**5,800**	<40	<50	<50	**5,300**	<50	<60
JW-SB/SG33	JW-SB/SG33-35E	02/16/2017	N	0	0	--	--	<8	--	**8,600**	**40**	--	<8	**17,000**	<10	**4 J**
JW-SB/SG33	JW-SB/SG33-5 3PV	02/16/2017	N	5	5	<60	<80	<50	<80	**380**	<40	<50	<50	**550**	<50	<60
JW-SB/SG33	JW-SB/SG33-15 3PV	02/16/2017	N	15	15	<60	<80	<50	<80	**440**	<40	<50	<50	**1,900**	<50	<60
JW-SB/SG33	JW-SB/SG33-25 3PV	02/16/2017	N	25	25	<60	<80	<50	<80	<30	<40	<50	<50	**4,100**	<50	<60
JW-SB/SG33	JW-SB/SG33-35 3PV	02/16/2017	N	35	35	<60	<80	<50	<80	**7,800**	<40	**170 J**	<50	**20,000**	<50	<60
JW-SB/SG34	JW-SB/SG34-05E	02/16/2017	N	0	0	--	--	<9	--	**700**	**10**	--	<10	**60**	<10	<5
JW-SB/SG34	JW-SB/SG34-5 3PV	02/16/2017	N	5	5	<60	<80	<50	<80	**740**	<40	<50	<50	<40	<50	<60
JW-SB/SG34	JW-SB/SG34-15 3PV	02/16/2017	N	15	15	<60	<80	<50	<80	<30	<40	<50	<50	<40	<50	<60
JW-SB/SG34	JW-SB/SG34-25 3PV	02/16/2017	N	25	25	<60	<80	<50	<80	**100**	**550**	**170 J**	<50	**4,300**	<50	<60
JW-SB/SG34	JW-SB/SG34-35 3PV	02/16/2017	N	35	35	<60	<80	<50	<80	**5,000**	<40	<50	<50	**4,800**	<50	<60

Notes:
Detected results shown in bold
ID = Identification number
FD = Field duplicate sample results
J = Concentration is estimated because it falls between the method detection limit and laboratory reporting limit.
N = Normal sample results
R = Rejected results
ug/m3 = Micrograms per cubic meter
-- = Not analyzed

APPENDIX E-3

ANALYTICAL RESULTS FOR GROUNDWATER FROM MONITORING WELLS

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Appendix E-3
Analytical Results for Groundwater from Monitoring Wells
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Volatiles (in ug/L)																											
				1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone (MEK)	2-Chlorotoluene	2-Hexanone	4-Chlorotoluene	4-Methyl-2-pentanone (MIBK)	Acetone
JWMW-01	38061	06/20/2011	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-01	JWMAW1	06/20/2011	N	<5	<5	<5	<5	<5	**16**	**27**	<5	<5	<5	<5	<5	<20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<40	<5	--	<5	--	<40
JWMW-01	JWMW-01-0517	05/04/2017	N	--	<100	<100	<100	<100	**71 J**	**110**	--	<100	<100	<100	--	<100	<100	<100	<100	<100	--	<100	--	<100	--	<1000	--	<1000	--	<1000	<1000
JWMW-01	JWMW-91-0517	05/04/2017	FD	--	<100	<100	<100	<100	**63 J**	**100**	--	<100	<100	<100	--	<100	<100	<100	<100	<100	--	<100	--	<100	--	<1000	--	<1000	--	<1000	<1000
JWMW-02	38062	06/14/2011	N	<0.5	<0.5	<0.5	<0.5	<0.5	**2**	**15**	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<4	<0.5	--	<0.5	--	<4
JWMW-02	JWMW-02-0517	05/02/2017	N	--	<0.5	<0.5	<0.5	<0.5	**5**	**18**	--	<0.5	<0.5	<0.5	--	<1	<0.5	<0.5	**2.3**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	**9 J**
JWMW-03	38063	06/14/2011	N	<0.5	<0.5	<0.5	<0.5	<0.5	**2.3**	**9.6**	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	**1.9**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<4	<0.5	--	<0.5	--	<4
JWMW-03	JWMW-03-0517	05/04/2017	N	--	<0.5	<0.5	<0.5	<0.5	**2.9**	**7.8 J**	--	<0.5	<0.5	<0.5	--	<1	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	**4.2 J**
JWMW-04	38064	06/14/2011	N	<0.5	<0.5	<0.5	<0.5	<0.5	**11**	**19**	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	**0.3 J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<4	<0.5	--	<0.5	--	<4
JWMW-04	JWMW-04-1116	11/28/2016	N	--	<10	<10	<10	<10	**12**	**26**	--	<10	<10	<10	--	<10	<10	<10	<10	<10	--	<10	--	<10	--	<100	--	<100	--	<100	<100
JWMW-04	JWMW-04-0517	05/01/2017	N	--	<10	<10	<10	<10	**10**	**21**	--	<10	<10	<10	--	<10	<10	<10	<10	<10	--	<10	--	<10	--	<100	--	<100	--	<100	<100
JWMW-05	38065	06/14/2011	N	<0.5	<0.5	<0.5	<0.5	<0.5	**17**	**24**	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	**0.4 J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<4	<0.5	--	<0.5	--	<4
JWMW-05	JWMW-05-1116	11/30/2016	N	--	<10	<10	<10	<10	**10**	**21**	--	<10	<10	<10	--	<10	<10	<10	<10	<10	--	<10	--	<10	--	<100	--	<100	--	<100	<100
JWMW-05	JWMW-05-0517	05/01/2017	N	--	<10	<10	<10	<10	**8 J**	**16**	--	<10	<10	<10	--	<10	<10	<10	<10	<10	--	<10	--	<10	--	<100	--	<100	--	<100	<100
JWMW-06A	JWMW-06A-1116	12/02/2016	N	--	<0.5	<0.5	<0.5	<0.5	**3.1**	**2.1**	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	**5.6**
JWMW-06A	JWMW-06A-0517	05/03/2017	N	--	<0.5	<0.5	<0.5	<0.5	**3**	**2.6**	--	<0.5	<0.5	<0.5	--	<1	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	**6.5 J**
JWMW-06B	JWMW-06B-1116	12/02/2016	N	--	<0.5	<0.5	<0.5	<0.5	**0.61**	**0.58**	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	**0.24 J**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	**12**
JWMW-06B	JWMW-06B-0517	05/03/2017	N	--	<0.5	<0.5	<0.5	<0.5	**0.89**	**0.85**	--	<0.5	<0.5	<0.5	--	<1	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	**6.4 J**

Appendix E-3
Analytical Results for Groundwater from Monitoring Wells
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Volatiles (in ug/L)																											
				Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon Disulfide	Carbon Tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethylene	cis-1,3-Dichloropropene	Cyclohexane	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene (Cumene)	m,p-Xylene	Methyl Acetate	Methylcyclohexane	Methylene Chloride	Naphthalene	n-Butylbenzene	n-Propylbenzene
JWMW-01	38061	06/20/2011	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-01	JWMAW1	06/20/2011	N	<5	<5	<5	<5	<5	<5	--	<5	<5	<5	<5	<5	**170**	<5	--	<5	<5	<5	<5	<5	<5	<10	--	--	<5	<5	<5	<5
JWMW-01	JWMW-01-0517	05/04/2017	N	<100	--	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	**300**	<100	<100	<100	--	<100	<100	--	<100	<100	<100	<100	<100	--	--	--
JWMW-01	JWMW-91-0517	05/04/2017	FD	<100	--	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	**270**	<100	<100	<100	--	<100	<100	--	<100	<100	<100	<100	<100	--	--	--
JWMW-02	38062	06/14/2011	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	**45**	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	--	--	<0.5	<0.5	<0.5	<0.5
JWMW-02	JWMW-02-0517	05/02/2017	N	**0.58**	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.18 J**	**32**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
JWMW-03	38063	06/14/2011	N	**3.3**	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	**36**	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	--	--	<0.5	<0.5	<0.5	<0.5
JWMW-03	JWMW-03-0517	05/04/2017	N	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**18 J**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
JWMW-04	38064	06/14/2011	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	**250**	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	--	--	<0.5	<0.5	<0.5	<0.5
JWMW-04	JWMW-04-1116	11/28/2016	N	<10	--	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	**2,400**	<10	<10	<10	--	<10	<10	--	<10	<10	<10	<10	<10	--	--	--
JWMW-04	JWMW-04-0517	05/01/2017	N	<10	--	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	**2,400**	<10	<10	<10	--	<10	<10	--	<10	<10	<10	<10	<10	--	--	--
JWMW-05	38065	06/14/2011	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	**180**	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	--	--	<0.5	<0.5	<0.5	<0.5
JWMW-05	JWMW-05-1116	11/30/2016	N	<10	--	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	**260**	<10	<10	<10	--	<10	<10	--	<10	<10	<10	<10	<10	--	--	--
JWMW-05	JWMW-05-0517	05/01/2017	N	<10	--	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	**270**	<10	<10	<10	--	<10	<10	--	<10	<10	<10	<10	<10	--	--	--
JWMW-06A	JWMW-06A-1116	12/02/2016	N	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.21 J**	**2.1**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
JWMW-06A	JWMW-06A-0517	05/03/2017	N	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.17 J**	**2.4**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
JWMW-06B	JWMW-06B-1116	12/02/2016	N	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.57**	**3**	<0.5	**1.2**	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
JWMW-06B	JWMW-06B-0517	05/03/2017	N	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.18 J**	**3.2**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--

Appendix E-3
Analytical Results for Groundwater from Monitoring Wells
Jervis B. Webb Company Superfund Site
South Gate, California

				Volatiles (in ug/L)													Perchlorates by E314.0 (in ug/L)	Semivolatiles by BNASIM (in ug/L)	Semivolatiles by CSVOL12 (in ug/L)										
Location ID	Sample ID	Sample Date	Sample Type	o-Xylene	p-Cymene (p-Isopropyltoluene)	sec-Butylbenzene	Styrene	tert-Butyl Methyl Ether (MTBE)	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Vinyl Chloride	Perchlorate	1,4-Dioxane (p-Dioxane)	1,2,4,5-Tetrachlorobenzene	1,4-Dioxane (p-Dioxane)	2,3,4,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Chloronaphthalene	2-Chlorophenol
JWMW-01	38061	06/20/2011	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**54**	--	--	--	--	--	--	--	--	--	--
JWMW-01	JWMAW1	06/20/2011	N	<5	<5	<5	<5	<20	<5	**31**	<5	**15**	<5	**12,000**	<5	<5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-01	JWMW-01-0517	05/04/2017	N	<100	--	--	<100	<100	--	**100**	<100	**42 J**	<100	**25,000**	<100	<100	--	**64 J**	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-01	JWMW-91-0517	05/04/2017	FD	<100	--	--	<100	<100	--	**88 J**	<100	**38 J**	<100	**23,000**	<100	<100	--	**71 J**	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-02	38062	06/14/2011	N	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	**2.5**	<0.5	**770**	<0.5	**0.7**	--	--	--	**1.7 J**	--	--	--	--	--	--	--	--	--	--
JWMW-02	JWMW-02-0517	05/02/2017	N	<0.5	--	--	<0.5	<0.5	--	**0.61**	<0.5	**2.7**	<0.5	**110**	<0.5	**1.1**	--	**8.2**	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-03	38063	06/14/2011	N	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	**1.9**	<0.5	**52**	<0.5	**0.6**	--	--	--	**5.9**	--	--	--	--	--	--	--	--	--	--
JWMW-03	JWMW-03-0517	05/04/2017	N	<0.5	--	--	<0.5	<0.5	--	<0.5	<0.5	**2.9 J**	<0.5	**180**	<0.5	**0.73**	--	**9.6**	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-04	38064	06/14/2011	N	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	**16**	<0.5	**2,400**	<0.5	**0.9**	--	--	--	**130**	--	--	--	--	--	--	--	--	--	--
JWMW-04	JWMW-04-1116	11/28/2016	N	<10	--	--	<10	<10	--	<10	<10	**38**	<10	**490**	<10	<10	<4	**26 J**	<4.8	**19**	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8
JWMW-04	JWMW-04-0517	05/01/2017	N	<10	--	--	<10	<10	--	<10	<10	**37**	<10	**1,100**	<10	<10	--	**21 J**	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-05	38065	06/14/2011	N	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	**22**	<0.5	**2,900**	<0.5	**1.7**	--	--	--	**62**	--	--	--	--	--	--	--	--	--	--
JWMW-05	JWMW-05-1116	11/30/2016	N	<10	--	--	<10	<10	--	<10	<10	**21**	<10	**2,400**	<10	<10	<4	**19 J**	<4.8	**16 J**	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8
JWMW-05	JWMW-05-0517	05/01/2017	N	<10	--	--	<10	<10	--	<10	<10	**17**	<10	**1,800**	<10	<10	--	**14 J**	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-06A	JWMW-06A-1116	12/02/2016	N	<0.5	--	--	<0.5	<0.5	--	<0.5	**0.24 J**	<0.5	<0.5	**0.59**	<0.5	**0.39 J**	--	**5.6**	<4.8	**7.1**	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8
JWMW-06A	JWMW-06A-0517	05/03/2017	N	<0.5	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	**1.2**	<0.5	**0.37 J**	--	**5.7**	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-06B	JWMW-06B-1116	12/02/2016	N	<0.5	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	**1.6**	<0.5	**0.24 J**	--	**0.86**	<4.8	**1.2 J**	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8
JWMW-06B	JWMW-06B-0517	05/03/2017	N	<0.5	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	**1.2**	<0.5	**0.34 J**	--	**1.4**	--	--	--	--	--	--	--	--	--	--	--	--

Appendix E-3
Analytical Results for Groundwater from Monitoring Wells
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Semivolatiles by CSVOL12 (in ug/L)																															
				2-Methylnaphthalene	2-Methylphenol (o-Cresol)	2-Nitroaniline	2-Nitrophenol	3,3'-Dichlorobenzidine	3-Nitroaniline	4,6-Dinitro-2-Methylphenol	4-Bromophenyl phenyl ether	4-Chloro-3-Methylphenol	4-Chloroaniline	4-Chlorophenyl Phenyl Ether	4-Methylphenol (p-Cresol)	4-Nitroaniline	4-Nitrophenol	Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benzaldehyde	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzyl butyl phthalate	Biphenyl (Diphenyl)	bis(2-Chloroethoxy) Methane	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	bis(2-Chloroisopropyl) Ether	bis(2-Ethylhexyl) Phthalate	Caprolactam
JWMW-01	38061	06/20/2011	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-01	JWMAW1	06/20/2011	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-01	JWMW-01-0517	05/04/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-01	JWMW-91-0517	05/04/2017	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-02	38062	06/14/2011	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-02	JWMW-02-0517	05/02/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-03	38063	06/14/2011	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-03	JWMW-03-0517	05/04/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-04	38064	06/14/2011	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-04	JWMW-04-1116	11/28/2016	N	<4.8	<9.5	<4.8	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<9.5
JWMW-04	JWMW-04-0517	05/01/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-05	38065	06/14/2011	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-05	JWMW-05-1116	11/30/2016	N	<4.8	<9.5	<4.8	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<9.5
JWMW-05	JWMW-05-0517	05/01/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-06A	JWMW-06A-1116	12/02/2016	N	<4.8	<9.5	<4.8	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<9.5
JWMW-06A	JWMW-06A-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-06B	JWMW-06B-1116	12/02/2016	N	<4.8	<9.5	<4.8	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<9.5
JWMW-06B	JWMW-06B-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix E-3
Analytical Results for Groundwater from Monitoring Wells
Jervis B. Webb Company Superfund Site
South Gate, California

				Semivolatiles by CSVOL12 (in ug/L)																							Metals by E200.7 (in ug/L)				
Location ID	**Sample ID**	**Sample Date**	**Sample Type**	**Carbazole**	**Chrysene**	**Dibenz(a,h)anthracene**	**Dibenzofuran**	**Diethyl Phthalate**	**Dimethyl Phthalate**	**Di-n-Butyl Phthalate**	**Di-n-Octylphthalate**	**Fluoranthene**	**Fluorene**	**Hexachlorobenzene**	**Hexachlorobutadiene**	**Hexachlorocyclopentadiene**	**Hexachloroethane**	**Indeno(1,2,3-c,d)pyrene**	**Isophorone**	**Naphthalene**	**Nitrobenzene**	**n-Nitrosodi-n-propylamine**	**n-Nitrosodiphenylamine**	**Pentachlorophenol**	**Phenanthrene**	**Phenol**	**Pyrene**	**Aluminum**	**Calcium**	**Iron**	**Magnesium**	**Potassium**
JWMW-01	38061	06/20/2011	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-01	JWMAW1	06/20/2011	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-01	JWMW-01-0517	05/04/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-01	JWMW-91-0517	05/04/2017	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-02	38062	06/14/2011	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-02	JWMW-02-0517	05/02/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-03	38063	06/14/2011	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-03	JWMW-03-0517	05/04/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-04	38064	06/14/2011	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-04	JWMW-04-1116	11/28/2016	N	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<9.5	<4.8	**117 J**	**361,000**	**44,000 J**	**170,000**	**15,900**
JWMW-04	JWMW-04-0517	05/01/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-05	38065	06/14/2011	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-05	JWMW-05-1116	11/30/2016	N	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<9.5	<4.8	<200	**411,000**	**5,650**	**168,000**	**13,000**
JWMW-05	JWMW-05-0517	05/01/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-06A	JWMW-06A-1116	12/02/2016	N	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<9.5	<4.8	**8,960**	**292,000**	**14,600 J**	**114,000**	**23,300**
JWMW-06A	JWMW-06A-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-06B	JWMW-06B-1116	12/02/2016	N	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<9.5	<4.8	**2,520**	**496,000**	**5,170 J**	**149,000**	**20,400**
JWMW-06B	JWMW-06B-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix E-3
Analytical Results for Groundwater from Monitoring Wells
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Sodium
JWMW-01	38061	06/20/2011	N	--
JWMW-01	JWMAW1	06/20/2011	N	--
JWMW-01	JWMW-01-0517	05/04/2017	N	--
JWMW-01	JWMW-91-0517	05/04/2017	FD	--
JWMW-02	38062	06/14/2011	N	--
JWMW-02	JWMW-02-0517	05/02/2017	N	--
JWMW-03	38063	06/14/2011	N	--
JWMW-03	JWMW-03-0517	05/04/2017	N	--
JWMW-04	38064	06/14/2011	N	--
JWMW-04	JWMW-04-1116	11/28/2016	N	**818,000**
JWMW-04	JWMW-04-0517	05/01/2017	N	--
JWMW-05	38065	06/14/2011	N	--
JWMW-05	JWMW-05-1116	11/30/2016	N	**1,430,000**
JWMW-05	JWMW-05-0517	05/01/2017	N	--
JWMW-06A	JWMW-06A-1116	12/02/2016	N	**480,000**
JWMW-06A	JWMW-06A-0517	05/03/2017	N	--
JWMW-06B	JWMW-06B-1116	12/02/2016	N	**714,000**
JWMW-06B	JWMW-06B-0517	05/03/2017	N	--

Appendix E-3
Analytical Results for Groundwater from Monitoring Wells
Jervis B. Webb Company Superfund Site
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				Metals by E200.8 (in ug/L)																Metals by SW7470A (in ug/L)	PCBs by SW8082 (in ug/L)								
Location ID	Sample ID	Sample Date	Sample Type	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury	PCB-1016 (Arochlor 1016)	PCB-1221 (Arochlor 1221)	PCB-1232 (Arochlor 1232)	PCB-1242 (Arochlor 1242)	PCB-1248 (Arochlor 1248)	PCB-1254 (Arochlor 1254)	PCB-1260 (Arochlor 1260)	PCB-1262 (Arochlor 1262)	PCB-1268 (Arochlor 1268)
JWMW-01	38061	06/20/2011	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-01	JWMAW1	06/20/2011	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-01	JWMW-01-0517	05/04/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-01	JWMW-91-0517	05/04/2017	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-02	38062	06/14/2011	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-02	JWMW-02-0517	05/02/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-03	38063	06/14/2011	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-03	JWMW-03-0517	05/04/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-04	38064	06/14/2011	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-04	JWMW-04-1116	11/28/2016	N	<2	**1,270**	**53.2 J**	<1	<1	**5.7**	**0.65 J**	**4.1 J**	<1	**2,980 J**	**6.5 J**	**4.1 J**	<1	<1	**10.9 J**	**8**	**0.088 J**	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95
JWMW-04	JWMW-04-0517	05/01/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-05	38065	06/14/2011	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-05	JWMW-05-1116	11/30/2016	N	<2	**42 J**	**27.9 J**	<1	<1	**3.1**	**0.54 J**	**1.3 J**	<1	**2,630**	**7.7 J**	**4.2 J**	<1	<1	<5	**3.6**	<0.2	<1	<1	<1	<1	<1	<1	<1	<1	<1
JWMW-05	JWMW-05-0517	05/01/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-06A	JWMW-06A-1116	12/02/2016	N	<2	**33.4**	**143 J**	<1	<1	**13.1**	**6.9**	**22.6**	**5.4 J**	**1,140 J**	**14.6 J**	**2.4 J**	**0.047 J**	<1	**28**	**50.2**	**0.077 J**	--	--	--	--	--	--	--	--	--
JWMW-06A	JWMW-06A-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-06B	JWMW-06B-1116	12/02/2016	N	<2	**14.7**	**79.6 J**	<1	<1	**7.2**	**2.6**	**7.3**	**1.5 J**	**2,290 J**	**9.8 J**	**1.9 J**	<1	<1	**9.6**	**9.2**	<0.2	--	--	--	--	--	--	--	--	--
JWMW-06B	JWMW-06B-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix E-3
Analytical Results for Groundwater from Monitoring Wells
Jervis B. Webb Company Superfund Site
South Gate, California

				Alkalinity by A2320 (in ug/L)				Anions by E300 (in ug/L)		Cyanides by Cl41CN (in ug/L)	Total Dissolved Solids by A2540C (in ug/L)	Total Organic Carbon by E415.3 (in ug/L)
Location ID	Sample ID	Sample Date	Sample Type	Alkalinity, Bicarbonate (as CaCO3)	Alkalinity, Carbonate (as CaCO3)	Alkalinity, Hydroxide (as CaCO3)	Alkalinity, Total (as CaCO3)	Chloride	Sulfate (as SO4)	Cyanide	Total Dissolved Solids	Total Organic Carbon
JWMW-01	38061	06/20/2011	N	--	--	--	--	--	--	--	--	--
JWMW-01	JWMAW1	06/20/2011	N	--	--	--	--	--	--	--	--	--
JWMW-01	JWMW-01-0517	05/04/2017	N	--	--	--	--	--	--	--	--	--
JWMW-01	JWMW-91-0517	05/04/2017	FD	--	--	--	--	--	--	--	--	--
JWMW-02	38062	06/14/2011	N	--	--	--	--	--	--	--	--	--
JWMW-02	JWMW-02-0517	05/02/2017	N	--	--	--	--	--	--	--	--	--
JWMW-03	38063	06/14/2011	N	--	--	--	--	--	--	--	--	--
JWMW-03	JWMW-03-0517	05/04/2017	N	--	--	--	--	--	--	--	--	--
JWMW-04	38064	06/14/2011	N	--	--	--	--	--	--	--	--	--
JWMW-04	JWMW-04-1116	11/28/2016	N	**700,000**	<40000	<40000	**700,000**	**70,000**	**2,800,000**	<10	**5,100**	**4,600,000**
JWMW-04	JWMW-04-0517	05/01/2017	N	--	--	--	--	--	--	--	--	--
JWMW-05	38065	06/14/2011	N	--	--	--	--	--	--	--	--	--
JWMW-05	JWMW-05-1116	11/30/2016	N	**610,000**	<10000	<10000	**610,000**	**61,000**	**3,000,000**	<10	**4,700**	**4,700,000**
JWMW-05	JWMW-05-0517	05/01/2017	N	--	--	--	--	--	--	--	--	--
JWMW-06A	JWMW-06A-1116	12/02/2016	N	**600,000**	<10000	<10000	**600,000**	**150,000**	**1,800,000**	--	**12,000**	**3,400,000**
JWMW-06A	JWMW-06A-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--
JWMW-06B	JWMW-06B-1116	12/02/2016	N	**560,000**	<10000	<10000	**560,000**	**110,000**	**2,700,000**	--	**8,400**	**4,500,000**
JWMW-06B	JWMW-06B-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--

Appendix E-3
Analytical Results for Groundwater from Monitoring Wells
Jervis B. Webb Company Superfund Site
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Location ID	Sample ID	Sample Date	Sample Type	Volatiles (in ug/L)																											
				1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone (MEK)	2-Chlorotoluene	2-Hexanone	4-Chlorotoluene	4-Methyl-2-pentanone (MIBK)	Acetone
JWMW-06C	JWMW-06C-1116	12/02/2016	N	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	**7.5**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	**3.9 J**
JWMW-06C	JWMW-06C-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-06C	JWMW-06C-0617	05/22/2017	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	**4.7**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<4	<0.5	--	<0.5	--	<4
JWMW-07A	JWMW-07A-1116	12/02/2016	N	--	<0.5	<0.5	<0.5	<0.5	**4.1**	**10 J**	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5
JWMW-07A	JWMW-07A-0517	05/03/2017	N	--	<0.5	<0.5	<0.5	<0.5	**3.6**	**8.4**	--	<0.5	<0.5	<0.5	--	<1	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5
JWMW-07B	JWMW-07B-1116	12/02/2016	N	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	**5.5**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	**7.6**
JWMW-07B	JWMW-07B-0517	05/03/2017	N	--	<0.5	<0.5	<0.5	<0.5	<0.5	**0.23 J**	--	<0.5	<0.5	<0.5	--	<1	<0.5	<0.5	**5.2**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	**4.7 J**
JWMW-07C	JWMW-07C-1116	12/01/2016	N	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	**6.1**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	**3.8 J**
JWMW-07C	JWMW-97C-1116	12/01/2016	FD	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	**6.2**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	**2.9 J**
JWMW-07C	JWMW-07C-0517	05/03/2017	N	--	<0.5	<0.5	<0.5	<0.5	**0.12 J**	**0.2 J**	--	<0.5	<0.5	<0.5	--	<1	<0.5	<0.5	**4.4**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5
JWMW-08A	JWMW-08A-1116	11/30/2016	N	--	<0.5	<0.5	<0.5	<0.5	<0.5	**0.8**	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	**2.9**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	**4.1 J**
JWMW-08A	JWMW-08A-0517	05/02/2017	N	--	<0.5	<0.5	<0.5	<0.5	**0.12 J**	**0.59**	--	<0.5	<0.5	<0.5	--	<1	<0.5	<0.5	**4.1**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	**3.4 J**
JWMW-08B	JWMW-08B-1116	11/30/2016	N	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	**4.4**	**0.28 J**	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	**5.3**
JWMW-08B	JWMW-98B-1116	11/30/2016	FD	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	**4.2**	**0.22 J**	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	**6.3**
JWMW-08B	JWMW-08B-0517	05/02/2017	N	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<1	<0.5	<0.5	**4.5**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	**3.8 J**

Appendix E-3
Analytical Results for Groundwater from Monitoring Wells
Jervis B. Webb Company Superfund Site
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Location ID	Sample ID	Sample Date	Sample Type	Volatiles (in ug/L)																											
				Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon Disulfide	Carbon Tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethylene	cis-1,3-Dichloropropene	Cyclohexane	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene (Cumene)	m,p-Xylene	Methyl Acetate	Methylcyclohexane	Methylene Chloride	Naphthalene	n-Butylbenzene	n-Propylbenzene
JWMW-06C	JWMW-06C-1116	12/02/2016	N	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.4 J**	**0.56**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
JWMW-06C	JWMW-06C-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-06C	JWMW-06C-0617	05/22/2017	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	**0.3 J**	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	--	--	<0.5	<0.5	<0.5	<0.5
JWMW-07A	JWMW-07A-1116	12/02/2016	N	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.17 J**	**9.9 J**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
JWMW-07A	JWMW-07A-0517	05/03/2017	N	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.17 J**	<0.5	<0.5	<0.5	<0.5	<0.5	**52**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
JWMW-07B	JWMW-07B-1116	12/02/2016	N	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.26 J**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
JWMW-07B	JWMW-07B-0517	05/03/2017	N	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.25 J**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
JWMW-07C	JWMW-07C-1116	12/01/2016	N	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.26 J**	<0.5	<0.5	**0.23 J**	**0.62**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
JWMW-07C	JWMW-97C-1116	12/01/2016	FD	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.26 J**	<0.5	<0.5	<0.5	**0.6**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
JWMW-07C	JWMW-07C-0517	05/03/2017	N	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.22 J**	<0.5	<0.5	<0.5	**0.68**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
JWMW-08A	JWMW-08A-1116	11/30/2016	N	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.23 J**	**32**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
JWMW-08A	JWMW-08A-0517	05/02/2017	N	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**33**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
JWMW-08B	JWMW-08B-1116	11/30/2016	N	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.35 J**	<0.5	<0.5	<0.5	<0.5	**0.2 J**	**2.2**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.38 J**	--	--	--
JWMW-08B	JWMW-98B-1116	11/30/2016	FD	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.42 J**	<0.5	<0.5	<0.5	<0.5	<0.5	**2.1**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.37 J**	--	--	--
JWMW-08B	JWMW-08B-0517	05/02/2017	N	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.33 J**	<0.5	<0.5	<0.5	<0.5	<0.5	**1.3**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--

Appendix E-3
Analytical Results for Groundwater from Monitoring Wells
Jervis B. Webb Company Superfund Site
South Gate, California

				Volatiles (in ug/L)													Perchlorates by E314.0 (in ug/L)	Semivolatiles by BNASIM (in ug/L)	Semivolatiles by CSVOL12 (in ug/L)											
Location ID	Sample ID	Sample Date	Sample Type	o-Xylene	p-Cymene (p-Isopropyltoluene)	sec-Butylbenzene	Styrene	tert-Butyl Methyl Ether (MTBE)	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Vinyl Chloride	Perchlorate	1,4-Dioxane (p-Dioxane)	1,2,4,5-Tetrachlorobenzene	1,4-Dioxane (p-Dioxane)	2,3,4,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Chloronaphthalene	2-Chlorophenol
JWMW-06C	JWMW-06C-1116	12/02/2016	N	<0.5	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.24 J**	<0.5	<0.5	--	**0.57**	<4.8	**0.64 J**	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8
JWMW-06C	JWMW-06C-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**0.34 J**	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-06C	JWMW-06C-0617	05/22/2017	N	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-07A	JWMW-07A-1116	12/02/2016	N	<0.5	--	--	<0.5	<0.5	--	<0.5	**0.16 J**	**1.3 J**	<0.5	**200**	<0.5	**1**	--	**12**	<4.8	**17**	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8
JWMW-07A	JWMW-07A-0517	05/03/2017	N	<0.5	--	--	<0.5	<0.5	--	<0.5	<0.5	**1.2**	<0.5	**130**	<0.5	**1.2**	--	**15**	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-07B	JWMW-07B-1116	12/02/2016	N	<0.5	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.23 J**	<0.5	<0.5	--	<0.48	<4.8	<1.9	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8
JWMW-07B	JWMW-07B-0517	05/03/2017	N	<0.5	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.16 J**	--	**0.37 J**	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-07C	JWMW-07C-1116	12/01/2016	N	<0.5	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.24 J**	<0.5	<0.5	--	**0.71**	<4.8	**0.82 J**	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8
JWMW-07C	JWMW-97C-1116	12/01/2016	FD	<0.5	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.26 J**	<0.5	<0.5	--	**0.68**	<4.8	**0.79 J**	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8
JWMW-07C	JWMW-07C-0517	05/03/2017	N	<0.5	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.27 J**	<0.5	<0.5	--	**0.59**	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-08A	JWMW-08A-1116	11/30/2016	N	<0.5	--	--	<0.5	<0.5	--	<0.5	<0.5	**2.6**	<0.5	**40**	<0.5	**0.23 J**	--	**0.53**	<4.8	<1.9	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8
JWMW-08A	JWMW-08A-0517	05/02/2017	N	<0.5	--	--	<0.5	<0.5	--	<0.5	<0.5	**2.1**	<0.5	**18**	<0.5	<0.5	--	**0.34 J**	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-08B	JWMW-08B-1116	11/30/2016	N	<0.5	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	**3.1**	<0.5	<0.5	--	**0.48**	<4.8	**0.6 J**	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8
JWMW-08B	JWMW-98B-1116	11/30/2016	FD	<0.5	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	**2.9**	<0.5	<0.5	<4	**0.51**	<4.8	**0.6 J**	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8
JWMW-08B	JWMW-08B-0517	05/02/2017	N	<0.5	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.61**	<0.5	<0.5	--	**0.43**	--	--	--	--	--	--	--	--	--	--	--	--

Appendix E-3
Analytical Results for Groundwater from Monitoring Wells
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Semivolatiles by CSVOL12 (in ug/L)																															
				2-Methylnaphthalene	2-Methylphenol (o-Cresol)	2-Nitroaniline	2-Nitrophenol	3,3'-Dichlorobenzidine	3-Nitroaniline	4,6-Dinitro-2-Methylphenol	4-Bromophenyl phenyl ether	4-Chloro-3-Methylphenol	4-Chloroaniline	4-Chlorophenyl Phenyl Ether	4-Methylphenol (p-Cresol)	4-Nitroaniline	4-Nitrophenol	Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benzaldehyde	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzyl butyl phthalate	Biphenyl (Diphenyl)	bis(2-Chloroethoxy) Methane	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	bis(2-Chloroisopropyl) Ether	bis(2-Ethylhexyl) Phthalate	Caprolactam
JWMW-06C	JWMW-06C-1116	12/02/2016	N	<4.8	<9.5	<4.8	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<9.5
JWMW-06C	JWMW-06C-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-06C	JWMW-06C-0617	05/22/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-07A	JWMW-07A-1116	12/02/2016	N	<4.8	<9.5	<4.8	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<9.5
JWMW-07A	JWMW-07A-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-07B	JWMW-07B-1116	12/02/2016	N	<4.8	<9.5	<4.8	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<9.5
JWMW-07B	JWMW-07B-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-07C	JWMW-07C-1116	12/01/2016	N	<4.8	<9.5	<4.8	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<9.5
JWMW-07C	JWMW-97C-1116	12/01/2016	FD	<4.8	<9.5	<4.8	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<9.5
JWMW-07C	JWMW-07C-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-08A	JWMW-08A-1116	11/30/2016	N	<4.8	<9.5	<4.8	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<9.5
JWMW-08A	JWMW-08A-0517	05/02/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-08B	JWMW-08B-1116	11/30/2016	N	<4.8	<9.5	<4.8	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<9.5
JWMW-08B	JWMW-98B-1116	11/30/2016	FD	<4.8	<9.5	<4.8	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<9.5
JWMW-08B	JWMW-08B-0517	05/02/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix E-3
Analytical Results for Groundwater from Monitoring Wells
Jervis B. Webb Company Superfund Site
South Gate, California

				Semivolatiles by CSVOL12 (in ug/L)																							Metals by E200.7 (in ug/L)				
Location ID	Sample ID	Sample Date	Sample Type	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Diethyl Phthalate	Dimethyl Phthalate	Di-n-Butyl Phthalate	Di-n-Octylphthalate	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-c,d)pyrene	Isophorone	Naphthalene	Nitrobenzene	n-Nitrosodi-n-propylamine	n-Nitrosodiphenylamine	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Aluminum	Calcium	Iron	Magnesium	Potassium
JWMW-06C	JWMW-06C-1116	12/02/2016	N	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<9.5	<4.8	**2,030**	**146,000**	**4,810 J**	**38,300**	<5000
JWMW-06C	JWMW-06C-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-06C	JWMW-06C-0617	05/22/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-07A	JWMW-07A-1116	12/02/2016	N	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<9.5	<4.8	**4,560**	**263,000**	**9,300 J**	**171,000**	**18,600**
JWMW-07A	JWMW-07A-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-07B	JWMW-07B-1116	12/02/2016	N	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<9.5	<4.8	**2,860**	**193,000**	**4,260 J**	**56,300**	**8,930**
JWMW-07B	JWMW-07B-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-07C	JWMW-07C-1116	12/01/2016	N	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<9.5	<4.8	<200	**158,000**	**1,410**	**40,500**	<5000
JWMW-07C	JWMW-97C-1116	12/01/2016	FD	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<9.5	<4.8	<200	**168,000**	**1,430**	**42,700**	<5000
JWMW-07C	JWMW-07C-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-08A	JWMW-08A-1116	11/30/2016	N	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<9.5	<4.8	**6,040**	**441,000**	**10,100 J**	**133,000**	**11,900**
JWMW-08A	JWMW-08A-0517	05/02/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-08B	JWMW-08B-1116	11/30/2016	N	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<9.5	<4.8	<200	**332,000**	**1,450 J**	**103,000**	**16,000**
JWMW-08B	JWMW-98B-1116	11/30/2016	FD	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<9.5	<4.8	**247**	**322,000**	**1,880 J**	**107,000**	**16,600**
JWMW-08B	JWMW-08B-0517	05/02/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix E-3
Analytical Results for Groundwater from Monitoring Wells
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Sodium
JWMW-06C	JWMW-06C-1116	12/02/2016	N	**137,000**
JWMW-06C	JWMW-06C-0517	05/03/2017	N	--
JWMW-06C	JWMW-06C-0617	05/22/2017	N	--
JWMW-07A	JWMW-07A-1116	12/02/2016	N	**1,030,000**
JWMW-07A	JWMW-07A-0517	05/03/2017	N	--
JWMW-07B	JWMW-07B-1116	12/02/2016	N	**128,000**
JWMW-07B	JWMW-07B-0517	05/03/2017	N	--
JWMW-07C	JWMW-07C-1116	12/01/2016	N	**163,000**
JWMW-07C	JWMW-97C-1116	12/01/2016	FD	**173,000**
JWMW-07C	JWMW-07C-0517	05/03/2017	N	--
JWMW-08A	JWMW-08A-1116	11/30/2016	N	**245,000**
JWMW-08A	JWMW-08A-0517	05/02/2017	N	--
JWMW-08B	JWMW-08B-1116	11/30/2016	N	**712,000**
JWMW-08B	JWMW-98B-1116	11/30/2016	FD	**690,000**
JWMW-08B	JWMW-08B-0517	05/02/2017	N	--

Appendix E-3
Analytical Results for Groundwater from Monitoring Wells
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				Metals by E200.8 (in ug/L)																Metals by SW7470A (in ug/L)	PCBs by SW8082 (in ug/L)								
Location ID	Sample ID	Sample Date	Sample Type	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury	PCB-1016 (Arochlor 1016)	PCB-1221 (Arochlor 1221)	PCB-1232 (Arochlor 1232)	PCB-1242 (Arochlor 1242)	PCB-1248 (Arochlor 1248)	PCB-1254 (Arochlor 1254)	PCB-1260 (Arochlor 1260)	PCB-1262 (Arochlor 1262)	PCB-1268 (Arochlor 1268)
JWMW-06C	JWMW-06C-1116	12/02/2016	N	<2	**4.6**	**141 J**	<1	<1	**8.4**	**1.7**	**7.7**	**1.5 J**	**812 J**	**7.4 J**	**2.4 J**	<1	<1	**10.1**	**10.1**	<0.2	--	--	--	--	--	--	--	--	--
JWMW-06C	JWMW-06C-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-06C	JWMW-06C-0617	05/22/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-07A	JWMW-07A-1116	12/02/2016	N	<2	**61.7**	**81.8 J**	<1	<1	**7.4**	**4.1**	**16.7**	**2.9 J**	**2,450 J**	**16.6 J**	**4.3 J**	**0.03 J**	<1	**17.1**	**23.2**	**0.066 J**	--	--	--	--	--	--	--	--	--
JWMW-07A	JWMW-07A-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-07B	JWMW-07B-1116	12/02/2016	N	<2	**11.3**	**130 J**	<1	<1	**13.1**	**2.4**	**8.4**	**1.6 J**	**945 J**	**11.6 J**	**1.6 J**	<1	<1	**14.1**	**12.1**	<0.2	--	--	--	--	--	--	--	--	--
JWMW-07B	JWMW-07B-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-07C	JWMW-07C-1116	12/01/2016	N	<2	**6.3 J**	**143 J**	<1	<1	**2.8**	**0.68 J**	**0.69 J**	<1	**650**	**5.1 J**	**1.5 J**	<1	<1	<5	**3.1**	<0.2	--	--	--	--	--	--	--	--	--
JWMW-07C	JWMW-97C-1116	12/01/2016	FD	<2	**6.3 J**	**145 J**	<1	<1	**3**	**0.7 J**	**0.56 J**	<1	**630**	**4.8 J**	**2 J**	<1	<1	<5	**2.2**	<0.2	--	--	--	--	--	--	--	--	--
JWMW-07C	JWMW-07C-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-08A	JWMW-08A-1116	11/30/2016	N	<2	**32**	**138 J**	<1	<1	**17**	**5.3**	**14**	**3.2 J**	**1,750 J**	**17 J**	**2.4 J**	**0.028 J**	<1	**22.4**	**28.3**	**0.059 J**	--	--	--	--	--	--	--	--	--
JWMW-08A	JWMW-08A-0517	05/02/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-08B	JWMW-08B-1116	11/30/2016	N	<2	**86.2**	**71.8 J**	<1	<1	**14.5**	**0.69 J**	**0.79 J**	<1	**1,610 J**	**11.9 J**	**3 J**	<1	<1	**5.6**	<2	<0.2	--	--	--	--	--	--	--	--	--
JWMW-08B	JWMW-98B-1116	11/30/2016	FD	<2	**90.7**	**77.7 J**	<1	<1	**16.9**	**0.89 J**	**1.8 J**	<1	**1,690 J**	**14 J**	**3.3 J**	<1	<1	**7.4**	**1.7 J**	<0.2	--	--	--	--	--	--	--	--	--
JWMW-08B	JWMW-08B-0517	05/02/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Analytical Results for Groundwater from Monitoring Wells
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Location ID	Sample ID	Sample Date	Sample Type	Alkalinity by A2320 (in ug/L)				Anions by E300 (in ug/L)		Cyanides by CI41CN (in ug/L)	Total Dissolved Solids by A2540C (in ug/L)	Total Organic Carbon by E415.3 (in ug/L)
				Alkalinity, Bicarbonate (as CaCO3)	Alkalinity, Carbonate (as CaCO3)	Alkalinity, Hydroxide (as CaCO3)	Alkalinity, Total (as CaCO3)	Chloride	Sulfate (as SO4)	Cyanide	Total Dissolved Solids	Total Organic Carbon
JWMW-06C	JWMW-06C-1116	12/02/2016	N	**430,000**	**24,000**	<10000	**450,000**	**66,000**	**290,000**	--	**2,900**	**990,000**
JWMW-06C	JWMW-06C-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--
JWMW-06C	JWMW-06C-0617	05/22/2017	N	--	--	--	--	--	--	--	--	--
JWMW-07A	JWMW-07A-1116	12/02/2016	N	**650,000**	**8,100 J**	<10000	**660,000**	**61,000**	**3,300,000**	--	**5,600**	**5,400,000**
JWMW-07A	JWMW-07A-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--
JWMW-07B	JWMW-07B-1116	12/02/2016	N	**440,000**	<10000	<10000	**440,000**	**90,000**	**490,000**	--	**3,600**	**1,300,000**
JWMW-07B	JWMW-07B-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--
JWMW-07C	JWMW-07C-1116	12/01/2016	N	**440,000**	**8,100 J**	<10000	**450,000**	**72,000**	**400,000**	--	**2,800**	**1,100,000**
JWMW-07C	JWMW-97C-1116	12/01/2016	FD	**430,000**	<10000	<10000	**430,000**	**72,000**	**410,000**	--	**3,100**	**1,100,000**
JWMW-07C	JWMW-07C-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--
JWMW-08A	JWMW-08A-1116	11/30/2016	N	**590,000**	<10000	<10000	**590,000**	**160,000**	**1,100,000**	--	**4,500**	**2,500,000**
JWMW-08A	JWMW-08A-0517	05/02/2017	N	--	--	--	--	--	--	--	--	--
JWMW-08B	JWMW-08B-1116	11/30/2016	N	**620,000**	<10000	<10000	**620,000**	**330,000**	**1,500,000**	--	**160,000**	**3,600,000**
JWMW-08B	JWMW-98B-1116	11/30/2016	FD	**570,000**	<10000	<10000	**570,000**	**320,000**	**1,500,000**	--	**160,000**	**3,400,000**
JWMW-08B	JWMW-08B-0517	05/02/2017	N	--	--	--	--	--	--	--	--	--

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Location ID	Sample ID	Sample Date	Sample Type	Volatiles (in ug/L)																											
				1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone (MEK)	2-Chlorotoluene	2-Hexanone	4-Chlorotoluene	4-Methyl-2-pentanone (MIBK)	Acetone
JWMW-08B	JWMW-98B-0517	05/02/2017	FD	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<1	<0.5	<0.5	**4.6**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5
JWMW-08C	JWMW-08C-1116	11/30/2016	N	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	**8**	**0.33 J**	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5
JWMW-08C	JWMW-08C-0517	05/02/2017	N	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<1	<0.5	<0.5	**8.7**	**0.27 J**	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5
JWMW-09A	JWMW-09A-1116	11/28/2016	N	--	<25	<25	<25	<25	**20 J**	**35**	--	<25	<25	<25	--	<25	<25	<25	<25	<25	--	<25	--	<25	--	<250	--	<250	--	<250	<250
JWMW-09A	JWMW-09A-0517	05/01/2017	N	--	<25	<25	<25	<25	**16 J**	**37**	--	<25	<25	<25	--	<25	<25	<25	<25	<25	--	<25	--	<25	--	<250	--	<250	--	<250	<250
JWMW-09B	JWMW-09B-1116	11/28/2016	N	--	<0.5	<0.5	<0.5	<0.5	**0.17 J**	**0.35 J**	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	**5.1**
JWMW-09B	JWMW-09B-0517	05/01/2017	N	--	<0.5	<0.5	<0.5	<0.5	**0.32 J**	**0.6**	--	<0.5	<0.5	<0.5	--	<1	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5
JWMW-09C	JWMW-09C-1116	11/28/2016	N	--	<0.5	<0.5	<0.5	<0.5	<0.5	**0.23 J**	--	<0.5	**0.22 J**	<0.5	--	<0.5	<0.5	<0.5	**11**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	**8.3**
JWMW-09C	JWMW-09C-0517	05/01/2017	N	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<1	<0.5	<0.5	**9.2**	**0.18 J**	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	**5.9**
JWMW-10	JWMW-10-1116	11/28/2016	N	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	**0.96**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5
JWMW-10	JWMW-10-0517	05/01/2017	N	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<1	<0.5	<0.5	**0.73**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5
JWMW-11A	JWMW-11A-1116	11/29/2016	N	--	<0.5	<0.5	<0.5	<0.5	**0.45 J**	**1.8**	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	**0.62**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5
JWMW-11A	JWMW-11A-0517	05/04/2017	N	--	<5	<5	<5	<5	<5	**2.4 J**	--	<5	<5	<5	--	<5	<5	<5	<5	<5	--	<5	--	<5	--	<50	--	<50	--	<50	<50
JWMW-11B	JWMW-11B-1116	11/29/2016	N	--	<10	<10	<10	<10	**8.3 J**	**17**	--	<10	<10	<10	--	<10	<10	<10	<10	<10	--	<10	--	<10	--	<100	--	<100	--	<100	<100
JWMW-11B	JWMW-911B-1116	11/29/2016	FD	--	<10	<10	<10	<10	**8.2 J**	**17**	--	<10	<10	<10	--	<10	<10	<10	<10	<10	--	<10	--	<10	--	<100	--	<100	--	<100	<100

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Location ID	Sample ID	Sample Date	Sample Type	Volatiles (in ug/L)																											
				Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon Disulfide	Carbon Tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethylene	cis-1,3-Dichloropropene	Cyclohexane	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene (Cumene)	m,p-Xylene	Methyl Acetate	Methylcyclohexane	Methylene Chloride	Naphthalene	n-Butylbenzene	n-Propylbenzene
JWMW-08B	JWMW-98B-0517	05/02/2017	FD	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.27 J**	<0.5	<0.5	<0.5	<0.5	<0.5	**1.3**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
JWMW-08C	JWMW-08C-1116	11/30/2016	N	**0.52**	--	<0.5	<0.5	<0.5	<0.5	**0.17 J**	<0.5	<0.5	<0.5	<0.5	**0.26 J**	**0.72**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
JWMW-08C	JWMW-08C-0517	05/02/2017	N	**0.31 J**	--	<0.5	<0.5	<0.5	<0.5	**0.44 J**	<0.5	<0.5	<0.5	<0.5	<0.5	**0.69**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
JWMW-09A	JWMW-09A-1116	11/28/2016	N	<25	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	**3,400**	<25	<25	<25	--	<25	<25	--	<25	<25	<25	<25	<25	--	--	--
JWMW-09A	JWMW-09A-0517	05/01/2017	N	<25	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	**3,100**	<25	<25	<25	--	<25	<25	--	<25	<25	<25	<25	<25	--	--	--
JWMW-09B	JWMW-09B-1116	11/28/2016	N	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.29 J**	<0.5	<0.5	<0.5	<0.5	<0.5	**7.9**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
JWMW-09B	JWMW-09B-0517	05/01/2017	N	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**19**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
JWMW-09C	JWMW-09C-1116	11/28/2016	N	**0.16 J**	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.24 J**	<0.5	<0.5	**0.31 J**	**1.7**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
JWMW-09C	JWMW-09C-0517	05/01/2017	N	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.25 J**	<0.5	<0.5	<0.5	**2**	<0.5	**0.36 J**	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
JWMW-10	JWMW-10-1116	11/28/2016	N	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.29 J**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
JWMW-10	JWMW-10-0517	05/01/2017	N	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.29 J**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
JWMW-11A	JWMW-11A-1116	11/29/2016	N	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**72**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
JWMW-11A	JWMW-11A-0517	05/04/2017	N	<5	--	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	**140**	<5	<5	<5	--	<5	<5	--	<5	<5	<5	<5	<5	--	--	--
JWMW-11B	JWMW-11B-1116	11/29/2016	N	**2.8 J**	--	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	**1,600**	<10	<10	<10	--	<10	<10	--	<10	<10	<10	<10	<10	--	--	--
JWMW-11B	JWMW-911B-1116	11/29/2016	FD	**2.7 J**	--	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	**1,600**	<10	<10	<10	--	<10	<10	--	<10	<10	<10	<10	<10	--	--	--

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Analytical Results for Groundwater from Monitoring Wells
Jervis B. Webb Company Superfund Site
South Gate, California

				Volatiles (in ug/L)													Perchlorates by E314.0 (in ug/L)	Semivolatiles by BNASIM (in ug/L)	Semivolatiles by CSVOL12 (in ug/L)											
Location ID	Sample ID	Sample Date	Sample Type	o-Xylene	p-Cymene (p-Isopropyltoluene)	sec-Butylbenzene	Styrene	tert-Butyl Methyl Ether (MTBE)	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Vinyl Chloride	Perchlorate	1,4-Dioxane (p-Dioxane)	1,2,4,5-Tetrachlorobenzene	1,4-Dioxane (p-Dioxane)	2,3,4,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Chloronaphthalene	2-Chlorophenol
JWMW-08B	JWMW-98B-0517	05/02/2017	FD	<0.5	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.61**	<0.5	<0.5	--	**0.4**	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-08C	JWMW-08C-1116	11/30/2016	N	<0.5	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	**1.4**	<0.5	<0.5	--	**0.53**	<4.8	**0.63 J**	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8
JWMW-08C	JWMW-08C-0517	05/02/2017	N	<0.5	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.34 J**	<0.5	<0.5	--	**0.37 J**	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-09A	JWMW-09A-1116	11/28/2016	N	<25	--	--	<25	<25	--	<25	<25	**79**	<25	**44**	<25	<25	<4	**34**	<4.8	**24**	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8
JWMW-09A	JWMW-09A-0517	05/01/2017	N	<25	--	--	<25	<25	--	<25	<25	**64**	<25	**120**	<25	<25	--	**27**	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-09B	JWMW-09B-1116	11/28/2016	N	<0.5	--	--	<0.5	<0.5	--	<0.5	<0.5	**0.43 J**	<0.5	**4.1**	<0.5	<0.5	<4	<0.51	<4.8	<1.9	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8
JWMW-09B	JWMW-09B-0517	05/01/2017	N	<0.5	--	--	<0.5	<0.5	--	<0.5	<0.5	**0.82**	<0.5	**2.5**	<0.5	**0.26 J**	--	**0.19 J**	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-09C	JWMW-09C-1116	11/28/2016	N	<0.5	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.61**	<0.5	<0.5	<2	<0.64	<4.8	<1.9	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8
JWMW-09C	JWMW-09C-0517	05/01/2017	N	<0.5	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.37 J**	<0.5	**0.15 J**	--	**0.52 J**	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-10	JWMW-10-1116	11/28/2016	N	<0.5	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.32 J**	<0.5	<0.5	<2	<0.48	<4.8	<1.9	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8
JWMW-10	JWMW-10-0517	05/01/2017	N	<0.5	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	**0.13 J**	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-11A	JWMW-11A-1116	11/29/2016	N	<0.5	--	--	<0.5	<0.5	--	<0.5	<0.5	**2.3**	<0.5	**21**	<0.5	**0.4 J**	--	**3.6**	<4.8	**4.8**	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8
JWMW-11A	JWMW-11A-0517	05/04/2017	N	<5	--	--	<5	<5	--	<5	<5	**2.9 J**	<5	**4.6 J**	<5	<5	--	**4**	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-11B	JWMW-11B-1116	11/29/2016	N	<10	--	--	<10	<10	--	<10	<10	**38**	<10	**3.6 J**	<10	<10	--	**43**	<4.8	**41**	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8
JWMW-11B	JWMW-911B-1116	11/29/2016	FD	<10	--	--	<10	<10	--	<10	<10	**39**	<10	**2.8 J**	<10	<10	--	**44**	<4.8	**30**	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8

Appendix E-3
Analytical Results for Groundwater from Monitoring Wells
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Semivolatiles by CSVOL12 (in ug/L)																															
				2-Methylnaphthalene	2-Methylphenol (o-Cresol)	2-Nitroaniline	2-Nitrophenol	3,3'-Dichlorobenzidine	3-Nitroaniline	4,6-Dinitro-2-Methylphenol	4-Bromophenyl phenyl ether	4-Chloro-3-Methylphenol	4-Chloroaniline	4-Chlorophenyl Phenyl Ether	4-Methylphenol (p-Cresol)	4-Nitroaniline	4-Nitrophenol	Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benzaldehyde	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzyl butyl phthalate	Biphenyl (Diphenyl)	bis(2-Chloroethoxy) Methane	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	bis(2-Chloroisopropyl) Ether	bis(2-Ethylhexyl) Phthalate	Caprolactam
JWMW-08B	JWMW-98B-0517	05/02/2017	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-08C	JWMW-08C-1116	11/30/2016	N	<4.8	<9.5	<4.8	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<9.5
JWMW-08C	JWMW-08C-0517	05/02/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-09A	JWMW-09A-1116	11/28/2016	N	<4.8	<9.5	<4.8	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<9.5
JWMW-09A	JWMW-09A-0517	05/01/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-09B	JWMW-09B-1116	11/28/2016	N	<4.8	<9.5	<4.8	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<9.5
JWMW-09B	JWMW-09B-0517	05/01/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-09C	JWMW-09C-1116	11/28/2016	N	<4.8	<9.5	<4.8	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<9.5
JWMW-09C	JWMW-09C-0517	05/01/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-10	JWMW-10-1116	11/28/2016	N	<4.8	<9.5	<4.8	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<9.5
JWMW-10	JWMW-10-0517	05/01/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-11A	JWMW-11A-1116	11/29/2016	N	<4.8	<9.5	<4.8	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<9.5
JWMW-11A	JWMW-11A-0517	05/04/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-11B	JWMW-11B-1116	11/29/2016	N	<4.8	<9.5	<4.8	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<9.5
JWMW-11B	JWMW-911B-1116	11/29/2016	FD	<4.8	<9.5	<4.8	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<9.5

Appendix E-3
Analytical Results for Groundwater from Monitoring Wells
Jervis B. Webb Company Superfund Site
South Gate, California

				Semivolatiles by CSVOL12 (in ug/L)																							Metals by E200.7 (in ug/L)				
Location ID	Sample ID	Sample Date	Sample Type	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Diethyl Phthalate	Dimethyl Phthalate	Di-n-Butyl Phthalate	Di-n-Octylphthalate	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-c,d)pyrene	Isophorone	Naphthalene	Nitrobenzene	n-Nitrosodi-n-propylamine	n-Nitrosodiphenylamine	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Aluminum	Calcium	Iron	Magnesium	Potassium
JWMW-08B	JWMW-98B-0517	05/02/2017	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-08C	JWMW-08C-1116	11/30/2016	N	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<9.5	<4.8	**4,750**	**168,000**	**8,310 J**	**50,200**	**8,950**
JWMW-08C	JWMW-08C-0517	05/02/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-09A	JWMW-09A-1116	11/28/2016	N	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<9.5	<4.8	**2,940**	**293,000**	**5,440 J**	**167,000**	**21,600**
JWMW-09A	JWMW-09A-0517	05/01/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-09B	JWMW-09B-1116	11/28/2016	N	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<9.5	<4.8	**130 J**	**197,000**	**404 J**	**53,000**	**9,440**
JWMW-09B	JWMW-09B-0517	05/01/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-09C	JWMW-09C-1116	11/28/2016	N	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<9.5	<4.8	**289**	**142,000**	**1,050 J**	**37,800**	**5,310**
JWMW-09C	JWMW-09C-0517	05/01/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-10	JWMW-10-1116	11/28/2016	N	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<9.5	<4.8	**4,640**	**192,000**	**9,180 J**	**51,700**	**6,100**
JWMW-10	JWMW-10-0517	05/01/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-11A	JWMW-11A-1116	11/29/2016	N	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<9.5	<4.8	**2,280**	**274,000**	**4,410 J**	**111,000**	**15,700**
JWMW-11A	JWMW-11A-0517	05/04/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-11B	JWMW-11B-1116	11/29/2016	N	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<9.5	<4.8	**882**	**371,000**	**3,100 J**	**187,000**	**16,400**
JWMW-11B	JWMW-911B-1116	11/29/2016	FD	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<9.5	<4.8	**699**	**367,000**	**2,630 J**	**183,000**	**15,700**

Appendix E-3
Analytical Results for Groundwater from Monitoring Wells
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Sodium
JWMW-08B	JWMW-98B-0517	05/02/2017	FD	--
JWMW-08C	JWMW-08C-1116	11/30/2016	N	**302,000**
JWMW-08C	JWMW-08C-0517	05/02/2017	N	--
JWMW-09A	JWMW-09A-1116	11/28/2016	N	**956,000**
JWMW-09A	JWMW-09A-0517	05/01/2017	N	--
JWMW-09B	JWMW-09B-1116	11/28/2016	N	**79,300**
JWMW-09B	JWMW-09B-0517	05/01/2017	N	--
JWMW-09C	JWMW-09C-1116	11/28/2016	N	**145,000**
JWMW-09C	JWMW-09C-0517	05/01/2017	N	--
JWMW-10	JWMW-10-1116	11/28/2016	N	**89,900**
JWMW-10	JWMW-10-0517	05/01/2017	N	--
JWMW-11A	JWMW-11A-1116	11/29/2016	N	**396,000**
JWMW-11A	JWMW-11A-0517	05/04/2017	N	--
JWMW-11B	JWMW-11B-1116	11/29/2016	N	**829,000**
JWMW-11B	JWMW-911B-1116	11/29/2016	FD	**816,000**

Appendix E-3
Analytical Results for Groundwater from Monitoring Wells
Jervis B. Webb Company Superfund Site
South Gate, California

				Metals by E200.8 (in ug/L)																Metals by SW7470A (in ug/L)	PCBs by SW8082 (in ug/L)								
Location ID	Sample ID	Sample Date	Sample Type	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury	PCB-1016 (Arochlor 1016)	PCB-1221 (Arochlor 1221)	PCB-1232 (Arochlor 1232)	PCB-1242 (Arochlor 1242)	PCB-1248 (Arochlor 1248)	PCB-1254 (Arochlor 1254)	PCB-1260 (Arochlor 1260)	PCB-1262 (Arochlor 1262)	PCB-1268 (Arochlor 1268)
JWMW-08B	JWMW-98B-0517	05/02/2017	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-08C	JWMW-08C-1116	11/30/2016	N	<2	**58.8**	**110 J**	<1	<1	**19.4**	**4.1**	**10.1**	**2.1 J**	**1,210 J**	**15.7 J**	**1.9 J**	<1	<1	**18.2**	**27.8**	**0.065 J**	--	--	--	--	--	--	--	--	--
JWMW-08C	JWMW-08C-0517	05/02/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-09A	JWMW-09A-1116	11/28/2016	N	<2	**55.4**	**64.4 J**	<1	<1	**16.2**	**2.7**	**8.6**	**1.8 J**	**2,570 J**	**14.4 J**	**2.5 J**	<1	<1	**13.4 J**	**13.5**	<0.2	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95
JWMW-09A	JWMW-09A-0517	05/01/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-09B	JWMW-09B-1116	11/28/2016	N	**0.79 J**	**124**	**60.9 J**	<1	<1	**2.8**	**0.9 J**	**2.2**	<1	**1,900 J**	**6.5 J**	**2.7 J**	<1	<1	**5.9 J**	**5.9**	<0.2	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95
JWMW-09B	JWMW-09B-0517	05/01/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-09C	JWMW-09C-1116	11/28/2016	N	<2	**9**	**99.7 J**	<1	<1	**4.1**	**0.52 J**	<2	<1	**944 J**	**3.8 J**	**1.5 J**	<1	<1	**8.4 J**	**3.4**	<0.2	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95
JWMW-09C	JWMW-09C-0517	05/01/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-10	JWMW-10-1116	11/28/2016	N	<2	**24.7**	**209 J**	<1	<1	**15.9**	**4.5**	**13.2**	**3.3 J**	**871 J**	**13.2 J**	**1.2 J**	<1	<1	**21.3 J**	**84.1**	**0.061 J**	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95
JWMW-10	JWMW-10-0517	05/01/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-11A	JWMW-11A-1116	11/29/2016	N	<2	**34.8**	**76.9 J**	<1	<1	**4.6**	**2.8**	**6.7**	**1.5 J**	**1,800 J**	**8.1 J**	**3 J**	<1	<1	**10.8**	**12**	<0.2	--	--	--	--	--	--	--	--	--
JWMW-11A	JWMW-11A-0517	05/04/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-11B	JWMW-11B-1116	11/29/2016	N	<2	**45.4**	**42.9 J**	<1	<1	**3.8**	**2**	**2.8**	<1	**3,230 J**	**6.4 J**	**2.9 J**	<1	<1	**5.5**	**6.9**	<0.2	--	--	--	--	--	--	--	--	--
JWMW-11B	JWMW-911B-1116	11/29/2016	FD	<2	**45.3**	**42.5 J**	<1	<1	**3.6**	**1.9**	**2.4**	<1	**3,330 J**	**6 J**	**3.1 J**	<1	<1	<5	**5**	<0.2	--	--	--	--	--	--	--	--	--

Appendix E-3
Analytical Results for Groundwater from Monitoring Wells
Jervis B. Webb Company Superfund Site
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Location ID	Sample ID	Sample Date	Sample Type	Alkalinity by A2320 (in ug/L)				Anions by E300 (in ug/L)		Cyanides by CI41CN (in ug/L)	Total Dissolved Solids by A2540C (in ug/L)	Total Organic Carbon by E415.3 (in ug/L)
				Alkalinity, Bicarbonate (as CaCO3)	Alkalinity, Carbonate (as CaCO3)	Alkalinity, Hydroxide (as CaCO3)	Alkalinity, Total (as CaCO3)	Chloride	Sulfate (as SO4)	Cyanide	Total Dissolved Solids	Total Organic Carbon
JWMW-08B	JWMW-98B-0517	05/02/2017	FD	--	--	--	--	--	--	--	--	--
JWMW-08C	JWMW-08C-1116	11/30/2016	N	**390,000**	<10000	<10000	**390,000**	**150,000**	**600,000**	--	**27,000**	**1,500,000**
JWMW-08C	JWMW-08C-0517	05/02/2017	N	--	--	--	--	--	--	--	--	--
JWMW-09A	JWMW-09A-1116	11/28/2016	N	**640,000**	<40000	<40000	**640,000**	**94,000**	**3,000,000**	<10	**5,600**	**4,800,000**
JWMW-09A	JWMW-09A-0517	05/01/2017	N	--	--	--	--	--	--	--	--	--
JWMW-09B	JWMW-09B-1116	11/28/2016	N	**180,000**	<20000	<20000	**180,000**	**220,000**	**480,000**	<10	**18,000**	**1,300,000**
JWMW-09B	JWMW-09B-0517	05/01/2017	N	--	--	--	--	--	--	--	--	--
JWMW-09C	JWMW-09C-1116	11/28/2016	N	**460,000**	<10000	<10000	**460,000**	**86,000**	**310,000**	<10	**3,600**	**1,000,000**
JWMW-09C	JWMW-09C-0517	05/01/2017	N	--	--	--	--	--	--	--	--	--
JWMW-10	JWMW-10-1116	11/28/2016	N	**310,000**	<10000	<10000	**310,000**	**100,000**	**400,000**	<10	**3,300 J**	**1,000,000**
JWMW-10	JWMW-10-0517	05/01/2017	N	--	--	--	--	--	--	--	--	--
JWMW-11A	JWMW-11A-1116	11/29/2016	N	**680,000**	<10000	<10000	**680,000**	**140,000**	**1,200,000 J**	--	**4,500**	**2,600,000**
JWMW-11A	JWMW-11A-0517	05/04/2017	N	--	--	--	--	--	--	--	--	--
JWMW-11B	JWMW-11B-1116	11/29/2016	N	**720,000**	<10000	<10000	**720,000**	**120,000**	**2,600,000 J**	--	**4,800**	**4,600,000**
JWMW-11B	JWMW-911B-1116	11/29/2016	FD	**710,000**	<10000	<10000	**710,000**	**120,000**	**2,600,000 J**	--	**4,600**	**4,600,000**

Appendix E-3
Analytical Results for Groundwater from Monitoring Wells
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Volatiles (in ug/L)																											
				1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone (MEK)	2-Chlorotoluene	2-Hexanone	4-Chlorotoluene	4-Methyl-2-pentanone (MIBK)	Acetone
JWMW-11B	JWMW-11B-0517	05/04/2017	N	--	<100	<100	<100	<100	**82 J**	**160**	--	<100	<100	<100	--	<100	<100	<100	**140**	<100	--	<100	--	<100	--	<1000	--	<1000	--	<1000	<1000
JWMW-11C	JWMW-11C-1116	11/29/2016	N	--	<0.5	<0.5	<0.5	<0.5	**0.3 J**	**0.56**	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	**1.7**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5
JWMW-11C	JWMW-11C-0517	05/04/2017	N	--	<0.5	<0.5	<0.5	<0.5	**0.15 J**	**0.2 J**	--	<0.5	<0.5	<0.5	--	<1	<0.5	<0.5	**1.4**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5
JWMW-11C	JWMW-911C-0517	05/04/2017	FD	--	<0.5	<0.5	<0.5	<0.5	**0.14 J**	**0.2 J**	--	<0.5	<0.5	<0.5	--	<1	<0.5	<0.5	**1.4**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5
JWMW-12	JWMW-12-1116	11/29/2016	N	--	<0.5	<0.5	<0.5	<0.5	**0.48 J**	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	**1.8**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5
JWMW-12	JWMW-12-0517	05/04/2017	N	--	<0.5	<0.5	<0.5	<0.5	**0.53**	**0.34 J**	--	<0.5	<0.5	<0.5	--	<1	<0.5	<0.5	**2.1**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5
JWMW-13A	JWMW-13A-0517	05/03/2017	N	--	<0.5	<0.5	<0.5	<0.5	**0.84**	**0.44 J**	--	<0.5	<0.5	<0.5	--	<1	<0.5	<0.5	**5**	**0.33 J**	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5
JWMW-13B	JWMW-13B-0517	05/03/2017	N	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<1	<0.5	<0.5	**26**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5
JWMW-13C	JWMW-13C-0517	05/03/2017	N	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<1	<0.5	<0.5	**1.1**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5

Appendix E-3
Analytical Results for Groundwater from Monitoring Wells
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South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Volatiles (in ug/L)																											
				Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon Disulfide	Carbon Tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethylene	cis-1,3-Dichloropropene	Cyclohexane	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene (Cumene)	m,p-Xylene	Methyl Acetate	Methylcyclohexane	Methylene Chloride	Naphthalene	n-Butylbenzene	n-Propylbenzene
JWMW-11B	JWMW-11B-0517	05/04/2017	N	<100	--	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	**17,000**	<100	<100	<100	--	<100	<100	--	<100	<100	<100	<100	<100	--	--	--
JWMW-11C	JWMW-11C-1116	11/29/2016	N	**0.31 J**	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.18 J**	**59**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
JWMW-11C	JWMW-11C-0517	05/04/2017	N	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.48 J**	<0.5	<0.5	<0.5	<0.5	<0.5	**18**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
JWMW-11C	JWMW-911C-0517	05/04/2017	FD	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.4 J**	<0.5	<0.5	<0.5	<0.5	<0.5	**21**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
JWMW-12	JWMW-12-1116	11/29/2016	N	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**12**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
JWMW-12	JWMW-12-0517	05/04/2017	N	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**15**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
JWMW-13A	JWMW-13A-0517	05/03/2017	N	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**2.9**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
JWMW-13B	JWMW-13B-0517	05/03/2017	N	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.16 J**	<0.5	<0.5	<0.5	**0.59**	<0.5	**0.58**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
JWMW-13C	JWMW-13C-0517	05/03/2017	N	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.25 J**	<0.5	<0.5	<0.5	**0.26 J**	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--

Appendix E-3
Analytical Results for Groundwater from Monitoring Wells
Jervis B. Webb Company Superfund Site
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				Volatiles (in ug/L)													Perchlorates by E314.0 (in ug/L)	Semivolatiles by BNASIM (in ug/L)	Semivolatiles by CSVOL12 (in ug/L)											
Location ID	Sample ID	Sample Date	Sample Type	o-Xylene	p-Cymene (p-Isopropyltoluene)	sec-Butylbenzene	Styrene	tert-Butyl Methyl Ether (MTBE)	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Vinyl Chloride	Perchlorate	1,4-Dioxane (p-Dioxane)	1,2,4,5-Tetrachlorobenzene	1,4-Dioxane (p-Dioxane)	2,3,4,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Chloronaphthalene	2-Chlorophenol
JWMW-11B	JWMW-11B-0517	05/04/2017	N	<100	--	--	<100	<100	--	<100	<100	**350**	<100	**42 J**	<100	<100	--	**22**	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-11C	JWMW-11C-1116	11/29/2016	N	<0.5	--	--	<0.5	<0.5	--	<0.5	<0.5	**3.5**	<0.5	**5.9**	<0.5	<0.5	--	**2.2**	<4.8	**1.5 J**	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8
JWMW-11C	JWMW-11C-0517	05/04/2017	N	<0.5	--	--	<0.5	<0.5	--	<0.5	<0.5	**1.1**	<0.5	**0.99**	<0.5	<0.5	--	**1.1**	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-11C	JWMW-911C-0517	05/04/2017	FD	<0.5	--	--	<0.5	<0.5	--	<0.5	<0.5	**1.1**	<0.5	**1**	<0.5	<0.5	--	**1.1**	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-12	JWMW-12-1116	11/29/2016	N	<0.5	--	--	<0.5	<0.5	--	<0.5	<0.5	**0.64**	<0.5	**2.1**	<0.5	<0.5	--	**2.6**	<4.8	**2.3**	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8
JWMW-12	JWMW-12-0517	05/04/2017	N	<0.5	--	--	<0.5	<0.5	--	<0.5	<0.5	**0.76**	<0.5	**2.1**	<0.5	**0.21 J**	--	**2**	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-13A	JWMW-13A-0517	05/03/2017	N	<0.5	--	--	<0.5	<0.5	--	<0.5	<0.5	**0.34 J**	<0.5	**3**	<0.5	<0.5	--	**0.69**	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-13B	JWMW-13B-0517	05/03/2017	N	<0.5	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.22 J**	<0.5	<0.5	--	**0.79**	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-13C	JWMW-13C-0517	05/03/2017	N	<0.5	--	--	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	**0.28 J**	--	--	--	--	--	--	--	--	--	--	--	--

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Analytical Results for Groundwater from Monitoring Wells
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Semivolatiles by CSVOL12 (in ug/L)																															
				2-Methylnaphthalene	2-Methylphenol (o-Cresol)	2-Nitroaniline	2-Nitrophenol	3,3'-Dichlorobenzidine	3-Nitroaniline	4,6-Dinitro-2-Methylphenol	4-Bromophenyl phenyl ether	4-Chloro-3-Methylphenol	4-Chloroaniline	4-Chlorophenyl Phenyl Ether	4-Methylphenol (p-Cresol)	4-Nitroaniline	4-Nitrophenol	Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benzaldehyde	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzyl butyl phthalate	Biphenyl (Diphenyl)	bis(2-Chloroethoxy) Methane	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	bis(2-Chloroisopropyl) Ether	bis(2-Ethylhexyl) Phthalate	Caprolactam
JWMW-11B	JWMW-11B-0517	05/04/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-11C	JWMW-11C-1116	11/29/2016	N	<4.8	<9.5	<4.8	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<9.5
JWMW-11C	JWMW-11C-0517	05/04/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-11C	JWMW-911C-0517	05/04/2017	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-12	JWMW-12-1116	11/29/2016	N	<4.8	<9.5	<4.8	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<9.5	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<9.5
JWMW-12	JWMW-12-0517	05/04/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-13A	JWMW-13A-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-13B	JWMW-13B-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-13C	JWMW-13C-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix E-3
Analytical Results for Groundwater from Monitoring Wells
Jervis B. Webb Company Superfund Site
South Gate, California

				Semivolatiles by CSVOL12 (in ug/L)																							Metals by E200.7 (in ug/L)				
Location ID	**Sample ID**	**Sample Date**	**Sample Type**	**Carbazole**	**Chrysene**	**Dibenz(a,h)anthracene**	**Dibenzofuran**	**Diethyl Phthalate**	**Dimethyl Phthalate**	**Di-n-Butyl Phthalate**	**Di-n-Octylphthalate**	**Fluoranthene**	**Fluorene**	**Hexachlorobenzene**	**Hexachlorobutadiene**	**Hexachlorocyclopentadiene**	**Hexachloroethane**	**Indeno(1,2,3-c,d)pyrene**	**Isophorone**	**Naphthalene**	**Nitrobenzene**	**n-Nitrosodi-n-propylamine**	**n-Nitrosodiphenylamine**	**Pentachlorophenol**	**Phenanthrene**	**Phenol**	**Pyrene**	**Aluminum**	**Calcium**	**Iron**	**Magnesium**	**Potassium**
JWMW-11B	JWMW-11B-0517	05/04/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-11C	JWMW-11C-1116	11/29/2016	N	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<9.5	<4.8	**511**	**693,000**	**1,940 J**	**147,000**	**11,000**
JWMW-11C	JWMW-11C-0517	05/04/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-11C	JWMW-911C-0517	05/04/2017	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-12	JWMW-12-1116	11/29/2016	N	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<9.5	<4.8	**446**	**828,000**	**952 J**	**149,000**	**8,350**
JWMW-12	JWMW-12-0517	05/04/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-13A	JWMW-13A-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-13B	JWMW-13B-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-13C	JWMW-13C-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix E-3
Analytical Results for Groundwater from Monitoring Wells
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Sodium
JWMW-11B	JWMW-11B-0517	05/04/2017	N	--
JWMW-11C	JWMW-11C-1116	11/29/2016	N	**295,000**
JWMW-11C	JWMW-11C-0517	05/04/2017	N	--
JWMW-11C	JWMW-911C-0517	05/04/2017	FD	--
JWMW-12	JWMW-12-1116	11/29/2016	N	**427,000**
JWMW-12	JWMW-12-0517	05/04/2017	N	--
JWMW-13A	JWMW-13A-0517	05/03/2017	N	--
JWMW-13B	JWMW-13B-0517	05/03/2017	N	--
JWMW-13C	JWMW-13C-0517	05/03/2017	N	--

Appendix E-3
Analytical Results for Groundwater from Monitoring Wells
Jervis B. Webb Company Superfund Site
South Gate, California

				Metals by E200.8 (in ug/L)																Metals by SW7470A (in ug/L)	PCBs by SW8082 (in ug/L)								
Location ID	Sample ID	Sample Date	Sample Type	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury	PCB-1016 (Arochlor 1016)	PCB-1221 (Arochlor 1221)	PCB-1232 (Arochlor 1232)	PCB-1242 (Arochlor 1242)	PCB-1248 (Arochlor 1248)	PCB-1254 (Arochlor 1254)	PCB-1260 (Arochlor 1260)	PCB-1262 (Arochlor 1262)	PCB-1268 (Arochlor 1268)
JWMW-11B	JWMW-11B-0517	05/04/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-11C	JWMW-11C-1116	11/29/2016	N	<2	**21**	**49.7 J**	<1	<1	**4.8**	**2.5**	**3.4**	<1	**1,560 J**	**8.7 J**	**3.6 J**	<1	<1	<5	**17.2**	<0.2	--	--	--	--	--	--	--	--	--
JWMW-11C	JWMW-11C-0517	05/04/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-11C	JWMW-911C-0517	05/04/2017	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-12	JWMW-12-1116	11/29/2016	N	<2	**9.6**	**55.5 J**	<1	<1	**5.5**	**1.5**	**3.1**	<1	**750 J**	**8.4 J**	**3.2 J**	<1	<1	**10.5**	**2.8**	<0.2	--	--	--	--	--	--	--	--	--
JWMW-12	JWMW-12-0517	05/04/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-13A	JWMW-13A-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-13B	JWMW-13B-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JWMW-13C	JWMW-13C-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix E-3
Analytical Results for Groundwater from Monitoring Wells
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Alkalinity by A2320 (in ug/L)				Anions by E300 (in ug/L)		Cyanides by CI41CN (in ug/L)	Total Dissolved Solids by A2540C (in ug/L)	Total Organic Carbon by E415.3 (in ug/L)
				Alkalinity, Bicarbonate (as CaCO3)	Alkalinity, Carbonate (as CaCO3)	Alkalinity, Hydroxide (as CaCO3)	Alkalinity, Total (as CaCO3)	Chloride	Sulfate (as SO4)	Cyanide	Total Dissolved Solids	Total Organic Carbon
JWMW-11B	JWMW-11B-0517	05/04/2017	N	--	--	--	--	--	--	--	--	--
JWMW-11C	JWMW-11C-1116	11/29/2016	N	**420,000**	<10000	<10000	**420,000**	**330,000**	**1,900,000 J**	--	**8,000**	**3,300,000**
JWMW-11C	JWMW-11C-0517	05/04/2017	N	--	--	--	--	--	--	--	--	--
JWMW-11C	JWMW-911C-0517	05/04/2017	FD	--	--	--	--	--	--	--	--	--
JWMW-12	JWMW-12-1116	11/29/2016	N	**400,000**	<10000	<10000	**400,000**	**350,000**	**1,900,000 J**	--	**2,600**	**3,700,000**
JWMW-12	JWMW-12-0517	05/04/2017	N	--	--	--	--	--	--	--	--	--
JWMW-13A	JWMW-13A-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--
JWMW-13B	JWMW-13B-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--
JWMW-13C	JWMW-13C-0517	05/03/2017	N	--	--	--	--	--	--	--	--	--

Notes:

Detected results shown in bold

ID = identification number

FD = Field duplicate sample results

J = Concentration is estimated because it falls between the method detection limit and laboratory reporting limit.

N = Normal sample results

R = Rejected results

ug/m3 = Micrograms per cubic meter

-- = Not analyzed

< = Analyte not detected at the specified value

APPENDIX E-4

ANALYTICAL RESULTS FOR DISCRETE-DEPTH GROUNDWATER SAMPLES

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Appendix E-4
Analytical Results for Discrete-Depth Groundwater Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Sample Depth	Volatiles (in ug/L)														
					1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene
JW-CPT01	JW-CPT01-50	03/27/2013	N	66	--	<25	<25	<25	<25	**16 J**	<25	--	<25	<25	<25	--	<25	<25	<25
JW-CPT01	JW-CPT01-51	03/27/2013	FD	66	--	<25	<25	<25	<25	**15 J**	<25	--	<25	<25	<25	--	<25	<25	<25
JW-CPT01	JW-CPT01-70	03/27/2013	N	90	--	<0.5	<0.5	<0.5	<0.5	**0.054 J**	<0.5	--	<0.5	**0.13 J**	<0.5	--	<0.5	<0.5	<0.5
JW-CPT01	JW-CPT01-90	03/27/2013	N	104	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	**0.15 J**	<0.5	--	<0.5	<0.5	<0.5
JW-CPT01	JW-CPT01-110	03/27/2013	N	125	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT02	JW-CPT02-50	03/26/2013	N	64	--	<50	<50	<50	<50	**17 J**	<50	--	<50	<50	<50	--	<50	<50	<50
JW-CPT02	JW-CPT02-70	03/26/2013	N	80	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT02	JW-CPT02-90	03/26/2013	N	100	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	**0.14 J**	<0.5	--	<0.5	<0.5	<0.5
JW-CPT02	JW-CPT02-110	03/26/2013	N	124	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT03	JW-CPT03-50	03/25/2013	N	66	--	<20	<20	<20	<20	**6 J**	<20	--	<20	<20	<20	--	<20	<20	<20
JW-CPT03	JW-CPT03-51	03/25/2013	FD	66	--	<20	<20	<20	<20	**5.9 J**	<20	--	<20	<20	<20	--	<20	<20	<20
JW-CPT03	JW-CPT03-70	03/25/2013	N	86	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT03	JW-CPT03-90	03/25/2013	N	99	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	**0.21 J**	<0.5	--	<0.5	<0.5	<0.5
JW-CPT03	JW-CPT03-110	03/25/2013	N	132	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT04	JW-CPT04-60	06/15/2015	N	68	--	<0.5	<0.5	<0.5	<0.5	**2**	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT04	JW-CPT04-61	06/15/2015	FD	69	--	<0.5	<0.5	<0.5	<0.5	**1.6**	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT04	JW-CPT04-75	06/16/2015	N	84	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT04	JW-CPT04-90	06/16/2015	N	96	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT04	JW-CPT04-130	06/16/2015	N	132	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT05	JW-CPT05-60	06/16/2015	N	69	--	<0.5	<0.5	<0.5	<0.5	**2.8**	**3.8**	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT05	JW-CPT05-75	06/16/2015	N	84	--	<0.5	<0.5	<0.5	<0.5	**0.67**	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT05	JW-CPT05-90	06/17/2015	N	98	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT05	JW-CPT05-91	06/17/2015	FD	99	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT05	JW-CPT05-105	06/17/2015	N	112	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT05	JW-CPT05-130	06/17/2015	N	132	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT06	JW-CPT06-75	06/19/2015	N	84	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT06	JW-CPT06-90	06/19/2015	N	96	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT06	JW-CPT06-105	06/19/2015	N	106	--	<0.5	<0.5	<0.5	<0.5	<0.5	**0.29 J**	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT06	JW-CPT06-130	06/19/2015	N	128	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5

Appendix E-4
Analytical Results for Discrete-Depth Groundwater Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Sample Depth	Volatiles (in ug/L)														
					1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene
JW-CPT07	JW-CPT07-60	06/18/2015	N	60	--	<0.5	<0.5	<0.5	<0.5	<0.5	**1.7 J**	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT07	JW-CPT07-75	06/18/2015	N	75	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT07	JW-CPT07-76	06/18/2015	FD	76	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT07	JW-CPT07-90	06/19/2015	N	90	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT07	JW-CPT07-105	06/19/2015	N	104	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT07	JW-CPT07-130	06/19/2015	N	128	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT08	JW-CPT08-60	06/17/2015	N	65	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT08	JW-CPT08-75	06/17/2015	N	78	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT08	JW-CPT08-90	06/17/2015	N	96	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT08	JW-CPT08-105	06/18/2015	N	108	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT08	JW-CPT08-106	06/18/2015	FD	109	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT08	JW-CPT08-130	06/18/2015	N	124	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT09	JW-CPT09-60	06/23/2015	N	64	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT09	JW-CPT09-75	06/23/2015	N	76	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT09	JW-CPT09-90	06/23/2015	N	92	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT09	JW-CPT09-105	06/23/2015	N	116	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT09	JW-CPT09-130	06/23/2015	N	130	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	**0.48 J**	<0.5	**0.32 J**	--	<0.5	<0.5	<0.5
JW-CPT10	JW-CPT10-60	06/22/2015	N	57	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT10	JW-CPT10-75	06/22/2015	N	68	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT10	JW-CPT10-76	06/22/2015	FD	69	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT10	JW-CPT10-90	06/22/2015	N	84	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT10	JW-CPT10-105	06/22/2015	N	98	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT10	JW-CPT10-130	06/22/2015	N	120	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT11	JW-CPT11-45	06/29/2015	N	63	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT11	JW-CPT11-60	06/29/2015	N	78	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT11	JW-CPT11-75	06/29/2015	N	88	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT11	JW-CPT11-90	06/29/2015	N	102	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT11	JW-CPT11-105	06/29/2015	N	116	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT11	JW-CPT11-130	06/29/2015	N	132	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5

Appendix E-4
Analytical Results for Discrete-Depth Groundwater Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Sample Depth	Volatiles (in ug/L)														
					1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene
JW-CPT12	JW-CPT12-74	06/26/2015	FD	73	--	<0.5	<0.5	<0.5	<0.5	**0.96**	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT12	JW-CPT12-75	06/26/2015	N	74	--	<0.5	<0.5	<0.5	<0.5	**0.7**	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT12	JW-CPT12-90	06/26/2015	N	92	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT12	JW-CPT12-105	06/26/2015	N	108	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT12	JW-CPT12-130	06/26/2015	N	132	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT13	JW-CPT13-60	06/25/2015	N	60	--	R	R	R	R	R	R	--	R	R	R	--	R	R	R
JW-CPT13	JW-CPT13-75	06/25/2015	N	73	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT13	JW-CPT13-90	06/25/2015	N	91	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT13	JW-CPT13-91	06/25/2015	FD	92	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT13	JW-CPT13-105	06/25/2015	N	102	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT13	JW-CPT13-130	06/25/2015	N	130	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT14	JW-CPT14-60	06/24/2015	N	62	--	R	R	R	R	R	R	--	R	R	R	--	R	R	R
JW-CPT14	JW-CPT14-75	06/24/2015	N	75	--	<0.5	<0.5	<0.5	<0.5	**0.83 J**	**2.4 J**	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT14	JW-CPT14-90	06/24/2015	N	90	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT14	JW-CPT14-105	06/24/2015	N	102	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT14	JW-CPT14-130	06/24/2015	N	130	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT15	JW-CPT15-60	10/26/2015	N	67	--	<0.5	<0.5	<0.5	<0.5	**0.45 J**	**0.73**	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT15	JW-CPT15-75	10/26/2015	N	79	--	<0.5	<0.5	<0.5	<0.5	<0.5	**0.82**	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT15	JW-CPT15-92	10/27/2015	N	92	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	**0.32 J**	--	<0.5	<0.5	**0.21 J**
JW-CPT15	JW-CPT15-106	10/26/2015	N	106	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT15	JW-CPT15-107	10/26/2015	FD	107	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT15	JW-CPT15-128	10/26/2015	N	128	--	**0.11 J**	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	**0.22 J**	--	<0.5	<0.5	<0.5
JW-CPT16	JW-CPT16-60	10/27/2015	N	66	--	<0.5	<0.5	<0.5	<0.5	<0.5	**0.22 J**	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT16	JW-CPT16-75	10/27/2015	N	80	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT16	JW-CPT16-90	10/27/2015	N	92	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT16	JW-CPT16-105	10/27/2015	N	108	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT16	JW-CPT16-130	10/27/2015	N	124	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT17	JW-CPT17-60	10/28/2015	N	65	--	<0.5	<0.5	<0.5	<0.5	**1.2**	**1.4 J**	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT17	JW-CPT17-75	10/28/2015	N	82	--	<0.5	<0.5	<0.5	<0.5	**0.46 J**	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5

Appendix E-4
Analytical Results for Discrete-Depth Groundwater Samples
Jervis B. Webb Company Superfund Site
South Gate, California

					Volatiles (in ug/L)														
Location ID	Sample ID	Sample Date	Sample Type	Sample Depth	1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene
JW-CPT17	JW-CPT17-91	10/28/2015	N	91	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT17	JW-CPT17-92	10/28/2015	FD	92	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT17	JW-CPT17-105	10/28/2015	N	102	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT17	JW-CPT17-130	10/28/2015	N	118	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT18	JW-CPT18-60	10/29/2015	N	68	--	<0.5	<0.5	<0.5	<0.5	**1**	**0.26 J**	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT18	JW-CPT18-75	10/29/2015	N	84	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT18	JW-CPT18-90	10/29/2015	N	98	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT18	JW-CPT18-91	10/29/2015	FD	99	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT18	JW-CPT18-130	10/29/2015	N	119	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT20	JW-CPT20-64	08/16/2016	N	64	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5
JW-CPT20	JW-CPT20-80	08/16/2016	N	80	<0.5	<0.5	<0.5	<0.5	<0.5	**0.4 J**	**0.3 J**	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5
JW-CPT20	JW-CPT20-100	08/16/2016	N	100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5
JW-CPT20	JW-CPT20-120	08/16/2016	N	120	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5
JW-CPT20	JW-CPT20-121	08/16/2016	FD	120	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5
JW-CPT20	JW-CPT20-132	08/16/2016	N	128	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5

Appendix E-4
Analytical Results for Discrete-Depth Groundwater Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Sample Depth	Volatiles (in ug/L)														
					1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone (MEK)	2-Chlorotoluene	2-Hexanone	4-Chlorotoluene	4-Methyl-2-pentanone (MIBK)	Acetone	Benzene	Bromobenzene
JW-CPT01	JW-CPT01-50	03/27/2013	N	66	<25	<25	--	<25	--	<25	--	<250	--	<250	--	<250	<250	<25	--
JW-CPT01	JW-CPT01-51	03/27/2013	FD	66	<25	<25	--	<25	--	<25	--	<250	--	<250	--	<250	<250	<25	--
JW-CPT01	JW-CPT01-70	03/27/2013	N	90	**2.3**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT01	JW-CPT01-90	03/27/2013	N	104	**4.8**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	**0.29 J**	--
JW-CPT01	JW-CPT01-110	03/27/2013	N	125	**0.25 J**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT02	JW-CPT02-50	03/26/2013	N	64	<50	<50	--	<50	--	<50	--	<500	--	<500	--	<500	<500	<50	--
JW-CPT02	JW-CPT02-70	03/26/2013	N	80	**0.082 J**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT02	JW-CPT02-90	03/26/2013	N	100	**4.8**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT02	JW-CPT02-110	03/26/2013	N	124	**0.25 J**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT03	JW-CPT03-50	03/25/2013	N	66	<20	<20	--	<20	--	<20	--	<200	--	<200	--	<200	<200	<20	--
JW-CPT03	JW-CPT03-51	03/25/2013	FD	66	<20	<20	--	<20	--	<20	--	<200	--	<200	--	<200	<200	<20	--
JW-CPT03	JW-CPT03-70	03/25/2013	N	86	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	**0.26 J**	--
JW-CPT03	JW-CPT03-90	03/25/2013	N	99	**2.7**	**0.16 J**	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	**0.32 J**	--
JW-CPT03	JW-CPT03-110	03/25/2013	N	132	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	**0.34 J**	--
JW-CPT04	JW-CPT04-60	06/15/2015	N	68	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	**5.7**	<0.5	--
JW-CPT04	JW-CPT04-61	06/15/2015	FD	69	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	**7.5**	<0.5	--
JW-CPT04	JW-CPT04-75	06/16/2015	N	84	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	**6.9**	<0.5	--
JW-CPT04	JW-CPT04-90	06/16/2015	N	96	**1.2**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	**6.1**	<0.5	--
JW-CPT04	JW-CPT04-130	06/16/2015	N	132	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT05	JW-CPT05-60	06/16/2015	N	69	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	**5.2**	<0.5	--
JW-CPT05	JW-CPT05-75	06/16/2015	N	84	**1.8**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT05	JW-CPT05-90	06/17/2015	N	98	**3.6**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT05	JW-CPT05-91	06/17/2015	FD	99	**3.7**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT05	JW-CPT05-105	06/17/2015	N	112	**4.1**	**0.28 J**	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT05	JW-CPT05-130	06/17/2015	N	132	**1.7**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	**0.66**	--
JW-CPT06	JW-CPT06-75	06/19/2015	N	84	**4.1**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT06	JW-CPT06-90	06/19/2015	N	96	**5.6**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT06	JW-CPT06-105	06/19/2015	N	106	**14**	**0.34 J**	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT06	JW-CPT06-130	06/19/2015	N	128	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--

Appendix E-4
Analytical Results for Discrete-Depth Groundwater Samples
Jervis B. Webb Company Superfund Site
South Gate, California

					Volatiles (in ug/L)														
Location ID	Sample ID	Sample Date	Sample Type	Sample Depth	1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone (MEK)	2-Chlorotoluene	2-Hexanone	4-Chlorotoluene	4-Methyl-2-pentanone (MIBK)	Acetone	Benzene	Bromobenzene
JW-CPT07	JW-CPT07-60	06/18/2015	N	60	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	**4.1 J**	<0.5	--
JW-CPT07	JW-CPT07-75	06/18/2015	N	75	**5.1 J**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT07	JW-CPT07-76	06/18/2015	FD	76	**4.4 J**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT07	JW-CPT07-90	06/19/2015	N	90	**3.4 J**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT07	JW-CPT07-105	06/19/2015	N	104	**3.6**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT07	JW-CPT07-130	06/19/2015	N	128	**9.4**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	**10**	<0.5	--
JW-CPT08	JW-CPT08-60	06/17/2015	N	65	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT08	JW-CPT08-75	06/17/2015	N	78	**15**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT08	JW-CPT08-90	06/17/2015	N	96	**5**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT08	JW-CPT08-105	06/18/2015	N	108	**5.8**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT08	JW-CPT08-106	06/18/2015	FD	109	**6.2**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT08	JW-CPT08-130	06/18/2015	N	124	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT09	JW-CPT09-60	06/23/2015	N	64	**0.82**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT09	JW-CPT09-75	06/23/2015	N	76	**6.4**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT09	JW-CPT09-90	06/23/2015	N	92	**30**	**0.61**	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	**5.7**	<0.5	--
JW-CPT09	JW-CPT09-105	06/23/2015	N	116	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	**16**	<0.5	--
JW-CPT09	JW-CPT09-130	06/23/2015	N	130	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	**18**	<0.5	--
JW-CPT10	JW-CPT10-60	06/22/2015	N	57	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	**6.9**	<0.5	--
JW-CPT10	JW-CPT10-75	06/22/2015	N	68	**6.9**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	**8.4**	<0.5	--
JW-CPT10	JW-CPT10-76	06/22/2015	FD	69	**7.2 J**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	**8.4 J**	<0.5	--
JW-CPT10	JW-CPT10-90	06/22/2015	N	84	**7.2**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT10	JW-CPT10-105	06/22/2015	N	98	**8.9**	**0.45 J**	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT10	JW-CPT10-130	06/22/2015	N	120	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT11	JW-CPT11-45	06/29/2015	N	63	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	**11**	--
JW-CPT11	JW-CPT11-60	06/29/2015	N	78	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT11	JW-CPT11-75	06/29/2015	N	88	**4.2**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT11	JW-CPT11-90	06/29/2015	N	102	**2**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	**0.48 J**	--
JW-CPT11	JW-CPT11-105	06/29/2015	N	116	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	**10**	<0.5	--
JW-CPT11	JW-CPT11-130	06/29/2015	N	132	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--

Appendix E-4
Analytical Results for Discrete-Depth Groundwater Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Sample Depth	Volatiles (in ug/L)														
					1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone (MEK)	2-Chlorotoluene	2-Hexanone	4-Chlorotoluene	4-Methyl-2-pentanone (MIBK)	Acetone	Benzene	Bromobenzene
JW-CPT12	JW-CPT12-74	06/26/2015	FD	73	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT12	JW-CPT12-75	06/26/2015	N	74	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT12	JW-CPT12-90	06/26/2015	N	92	**1.9**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT12	JW-CPT12-105	06/26/2015	N	108	**1.9**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT12	JW-CPT12-130	06/26/2015	N	132	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT13	JW-CPT13-60	06/25/2015	N	60	**3.1 J**	R	--	R	--	R	--	R	--	R	--	R	R	R	--
JW-CPT13	JW-CPT13-75	06/25/2015	N	73	**0.98 J**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT13	JW-CPT13-90	06/25/2015	N	91	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT13	JW-CPT13-91	06/25/2015	FD	92	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT13	JW-CPT13-105	06/25/2015	N	102	**1.3 J**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT13	JW-CPT13-130	06/25/2015	N	130	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT14	JW-CPT14-60	06/24/2015	N	62	R	R	--	R	--	R	--	R	--	R	--	R	**8.5 J**	**9.5 J**	--
JW-CPT14	JW-CPT14-75	06/24/2015	N	75	**17 J**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT14	JW-CPT14-90	06/24/2015	N	90	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT14	JW-CPT14-105	06/24/2015	N	102	**1.7 J**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT14	JW-CPT14-130	06/24/2015	N	130	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT15	JW-CPT15-60	10/26/2015	N	67	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT15	JW-CPT15-75	10/26/2015	N	79	**0.77**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT15	JW-CPT15-92	10/27/2015	N	92	**10**	**0.27 J**	--	<0.5	--	**0.22 J**	--	<5	--	<5	--	<5	<5.1	<0.5	--
JW-CPT15	JW-CPT15-106	10/26/2015	N	106	**7.4**	**0.44 J**	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT15	JW-CPT15-107	10/26/2015	FD	107	**7.5**	**0.36 J**	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT15	JW-CPT15-128	10/26/2015	N	128	<0.5	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT16	JW-CPT16-60	10/27/2015	N	66	**0.76**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT16	JW-CPT16-75	10/27/2015	N	80	**1.1**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT16	JW-CPT16-90	10/27/2015	N	92	**5.3**	**0.23 J**	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT16	JW-CPT16-105	10/27/2015	N	108	**0.42 J**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT16	JW-CPT16-130	10/27/2015	N	124	**0.4 J**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT17	JW-CPT17-60	10/28/2015	N	65	**1.3**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT17	JW-CPT17-75	10/28/2015	N	82	**2.2**	**0.49 J**	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--

Appendix E-4
Analytical Results for Discrete-Depth Groundwater Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Sample Depth	Volatiles (in ug/L)														
					1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone (MEK)	2-Chlorotoluene	2-Hexanone	4-Chlorotoluene	4-Methyl-2-pentanone (MIBK)	Acetone	Benzene	Bromobenzene
JW-CPT17	JW-CPT17-91	10/28/2015	N	91	**12**	**0.38 J**	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT17	JW-CPT17-92	10/28/2015	FD	92	**12**	**0.37 J**	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT17	JW-CPT17-105	10/28/2015	N	102	**4.2**	**0.53**	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	**0.93**	--
JW-CPT17	JW-CPT17-130	10/28/2015	N	118	**0.22 J**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT18	JW-CPT18-60	10/29/2015	N	68	**0.4 J**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT18	JW-CPT18-75	10/29/2015	N	84	**15**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT18	JW-CPT18-90	10/29/2015	N	98	**16**	**0.22 J**	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT18	JW-CPT18-91	10/29/2015	FD	99	**18**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT18	JW-CPT18-130	10/29/2015	N	119	**1.6**	<0.5	--	<0.5	--	<0.5	--	<5	--	<5	--	<5	<5	<0.5	--
JW-CPT20	JW-CPT20-64	08/16/2016	N	64	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<4	<0.5	--	<0.5	--	<4	<0.5	<0.5
JW-CPT20	JW-CPT20-80	08/16/2016	N	80	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<4	<0.5	--	<0.5	--	<4.5	<0.5	<0.5
JW-CPT20	JW-CPT20-100	08/16/2016	N	100	**1.9**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<4	<0.5	--	<0.5	--	<4	<0.5	<0.5
JW-CPT20	JW-CPT20-120	08/16/2016	N	120	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<4	<0.5	--	<0.5	--	<4.4	<0.5	<0.5
JW-CPT20	JW-CPT20-121	08/16/2016	FD	120	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<4	<0.5	--	<0.5	--	<5.6	<0.5	<0.5
JW-CPT20	JW-CPT20-132	08/16/2016	N	128	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<4	<0.5	--	<0.5	--	<4	<0.5	<0.5

Appendix E-4
Analytical Results for Discrete-Depth Groundwater Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Sample Depth	Volatiles (in ug/L)														
					Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon Disulfide	Carbon Tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethylene	cis-1,3-Dichloropropene	Cyclohexane	Dibromochloromethane	Dibromomethane
JW-CPT01	JW-CPT01-50	03/27/2013	N	66	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	**59**	<25	<25	<25	--
JW-CPT01	JW-CPT01-51	03/27/2013	FD	66	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	**58**	<25	<25	<25	--
JW-CPT01	JW-CPT01-70	03/27/2013	N	90	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.18 J**	<0.5	<0.5	<0.5	--
JW-CPT01	JW-CPT01-90	03/27/2013	N	104	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.2 J**	<0.5	**0.35 J**	<0.5	--
JW-CPT01	JW-CPT01-110	03/27/2013	N	125	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT02	JW-CPT02-50	03/26/2013	N	64	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	**170**	<50	<50	<50	--
JW-CPT02	JW-CPT02-70	03/26/2013	N	80	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.34 J**	<0.5	<0.5	<0.5	--
JW-CPT02	JW-CPT02-90	03/26/2013	N	100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.49 J**	<0.5	<0.5	<0.5	--
JW-CPT02	JW-CPT02-110	03/26/2013	N	124	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT03	JW-CPT03-50	03/25/2013	N	66	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	**190**	<20	<20	<20	--
JW-CPT03	JW-CPT03-51	03/25/2013	FD	66	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	**200**	<20	<20	<20	--
JW-CPT03	JW-CPT03-70	03/25/2013	N	86	<0.5	<0.5	<0.5	**0.066 J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.43 J**	<0.5	<0.5	<0.5	--
JW-CPT03	JW-CPT03-90	03/25/2013	N	99	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.12 J**	<0.5	<0.5	<0.5	--
JW-CPT03	JW-CPT03-110	03/25/2013	N	132	<0.5	<0.5	<0.5	**0.078 J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.39 J**	<0.5	<0.5	<0.5	--
JW-CPT04	JW-CPT04-60	06/15/2015	N	68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**2.1**	<0.5	**0.54**	<0.5	--
JW-CPT04	JW-CPT04-61	06/15/2015	FD	69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**1.8**	<0.5	**0.26 J**	<0.5	--
JW-CPT04	JW-CPT04-75	06/16/2015	N	84	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT04	JW-CPT04-90	06/16/2015	N	96	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT04	JW-CPT04-130	06/16/2015	N	132	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT05	JW-CPT05-60	06/16/2015	N	69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.71**	<0.5	<0.5	<0.5	--
JW-CPT05	JW-CPT05-75	06/16/2015	N	84	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT05	JW-CPT05-90	06/17/2015	N	98	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.21 J**	<0.5	<0.5	<0.5	--
JW-CPT05	JW-CPT05-91	06/17/2015	FD	99	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT05	JW-CPT05-105	06/17/2015	N	112	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.62**	<0.5	--
JW-CPT05	JW-CPT05-130	06/17/2015	N	132	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT06	JW-CPT06-75	06/19/2015	N	84	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT06	JW-CPT06-90	06/19/2015	N	96	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.34 J**	<0.5	<0.5	<0.5	--
JW-CPT06	JW-CPT06-105	06/19/2015	N	106	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.57**	<0.5	<0.5	<0.5	--
JW-CPT06	JW-CPT06-130	06/19/2015	N	128	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--

Appendix E-4
Analytical Results for Discrete-Depth Groundwater Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Sample Depth	Volatiles (in ug/L)														
					Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon Disulfide	Carbon Tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethylene	cis-1,3-Dichloropropene	Cyclohexane	Dibromochloromethane	Dibromomethane
JW-CPT07	JW-CPT07-60	06/18/2015	N	60	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**1.6 J**	<0.5	<0.5	<0.5	--
JW-CPT07	JW-CPT07-75	06/18/2015	N	75	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT07	JW-CPT07-76	06/18/2015	FD	76	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT07	JW-CPT07-90	06/19/2015	N	90	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT07	JW-CPT07-105	06/19/2015	N	104	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT07	JW-CPT07-130	06/19/2015	N	128	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.71**	<0.5	<0.5	<0.5	--
JW-CPT08	JW-CPT08-60	06/17/2015	N	65	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**1**	<0.5	<0.5	<0.5	--
JW-CPT08	JW-CPT08-75	06/17/2015	N	78	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.39 J**	<0.5	<0.5	<0.5	--
JW-CPT08	JW-CPT08-90	06/17/2015	N	96	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**1.5**	<0.5	<0.5	<0.5	--
JW-CPT08	JW-CPT08-105	06/18/2015	N	108	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT08	JW-CPT08-106	06/18/2015	FD	109	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT08	JW-CPT08-130	06/18/2015	N	124	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT09	JW-CPT09-60	06/23/2015	N	64	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.5**	<0.5	<0.5	<0.5	--
JW-CPT09	JW-CPT09-75	06/23/2015	N	76	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**2.2**	<0.5	<0.5	<0.5	--
JW-CPT09	JW-CPT09-90	06/23/2015	N	92	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.54**	<0.5	<0.5	<0.5	--
JW-CPT09	JW-CPT09-105	06/23/2015	N	116	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT09	JW-CPT09-130	06/23/2015	N	130	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT10	JW-CPT10-60	06/22/2015	N	57	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**3.1**	<0.5	**1.4**	<0.5	--
JW-CPT10	JW-CPT10-75	06/22/2015	N	68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**1.7**	<0.5	<0.5	<0.5	--
JW-CPT10	JW-CPT10-76	06/22/2015	FD	69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**1.8 J**	<0.5	<0.5	<0.5	--
JW-CPT10	JW-CPT10-90	06/22/2015	N	84	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.28 J**	<0.5	<0.5	<0.5	**1.7**	<0.5	<0.5	<0.5	--
JW-CPT10	JW-CPT10-105	06/22/2015	N	98	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT10	JW-CPT10-130	06/22/2015	N	120	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT11	JW-CPT11-45	06/29/2015	N	63	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**5.4**	<0.5	<0.5	<0.5	--
JW-CPT11	JW-CPT11-60	06/29/2015	N	78	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT11	JW-CPT11-75	06/29/2015	N	88	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.6**	<0.5	<0.5	<0.5	--
JW-CPT11	JW-CPT11-90	06/29/2015	N	102	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.94**	<0.5	<0.5	<0.5	--
JW-CPT11	JW-CPT11-105	06/29/2015	N	116	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT11	JW-CPT11-130	06/29/2015	N	132	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--

Appendix E-4
Analytical Results for Discrete-Depth Groundwater Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Sample Depth	Volatiles (in ug/L)														
					Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon Disulfide	Carbon Tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethylene	cis-1,3-Dichloropropene	Cyclohexane	Dibromochloromethane	Dibromomethane
JW-CPT12	JW-CPT12-74	06/26/2015	FD	73	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**3**	<0.5	<0.5	<0.5	--
JW-CPT12	JW-CPT12-75	06/26/2015	N	74	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**2**	<0.5	<0.5	<0.5	--
JW-CPT12	JW-CPT12-90	06/26/2015	N	92	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT12	JW-CPT12-105	06/26/2015	N	108	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT12	JW-CPT12-130	06/26/2015	N	132	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT13	JW-CPT13-60	06/25/2015	N	60	R	R	R	R	R	R	R	R	R	R	R	R	R	R	--
JW-CPT13	JW-CPT13-75	06/25/2015	N	73	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT13	JW-CPT13-90	06/25/2015	N	91	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT13	JW-CPT13-91	06/25/2015	FD	92	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT13	JW-CPT13-105	06/25/2015	N	102	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT13	JW-CPT13-130	06/25/2015	N	130	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT14	JW-CPT14-60	06/24/2015	N	62	R	R	R	R	R	R	R	R	R	R	**3.8 J**	R	**1.1 J**	R	--
JW-CPT14	JW-CPT14-75	06/24/2015	N	75	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**2.7 J**	<0.5	**1.4 J**	<0.5	--
JW-CPT14	JW-CPT14-90	06/24/2015	N	90	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT14	JW-CPT14-105	06/24/2015	N	102	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT14	JW-CPT14-130	06/24/2015	N	130	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT15	JW-CPT15-60	10/26/2015	N	67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**4.5**	<0.5	<0.5	<0.5	--
JW-CPT15	JW-CPT15-75	10/26/2015	N	79	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**20**	<0.5	<0.5	<0.5	--
JW-CPT15	JW-CPT15-92	10/27/2015	N	92	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**1.2**	<0.5	<0.5	<0.5	--
JW-CPT15	JW-CPT15-106	10/26/2015	N	106	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.26 J**	<0.5	<0.5	<0.5	--
JW-CPT15	JW-CPT15-107	10/26/2015	FD	107	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.34 J**	<0.5	<0.5	<0.5	--
JW-CPT15	JW-CPT15-128	10/26/2015	N	128	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT16	JW-CPT16-60	10/27/2015	N	66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**3.1**	<0.5	<0.5	<0.5	--
JW-CPT16	JW-CPT16-75	10/27/2015	N	80	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**2.3**	<0.5	<0.5	<0.5	--
JW-CPT16	JW-CPT16-90	10/27/2015	N	92	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT16	JW-CPT16-105	10/27/2015	N	108	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT16	JW-CPT16-130	10/27/2015	N	124	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT17	JW-CPT17-60	10/28/2015	N	65	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**7.7**	<0.5	**0.65**	<0.5	--
JW-CPT17	JW-CPT17-75	10/28/2015	N	82	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.75**	<0.5	<0.5	<0.5	--

Appendix E-4
Analytical Results for Discrete-Depth Groundwater Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Sample Depth	Volatiles (in ug/L)														
					Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon Disulfide	Carbon Tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethylene	cis-1,3-Dichloropropene	Cyclohexane	Dibromochloromethane	Dibromomethane
JW-CPT17	JW-CPT17-91	10/28/2015	N	91	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**2.1**	<0.5	**0.31 J**	<0.5	--
JW-CPT17	JW-CPT17-92	10/28/2015	FD	92	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**2.3**	<0.5	**0.3 J**	<0.5	--
JW-CPT17	JW-CPT17-105	10/28/2015	N	102	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.34 J**	<0.5	<0.5	<0.5	--
JW-CPT17	JW-CPT17-130	10/28/2015	N	118	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT18	JW-CPT18-60	10/29/2015	N	68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.53**	<0.5	<0.5	<0.5	--
JW-CPT18	JW-CPT18-75	10/29/2015	N	84	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**1**	<0.5	<0.5	<0.5	--
JW-CPT18	JW-CPT18-90	10/29/2015	N	98	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**1**	<0.5	<0.5	<0.5	--
JW-CPT18	JW-CPT18-91	10/29/2015	FD	99	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**1.1**	<0.5	<0.5	<0.5	--
JW-CPT18	JW-CPT18-130	10/29/2015	N	119	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT20	JW-CPT20-64	08/16/2016	N	64	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	**7.7**	<0.5	--	<0.5	<0.5
JW-CPT20	JW-CPT20-80	08/16/2016	N	80	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	**61**	<0.5	--	<0.5	<0.5
JW-CPT20	JW-CPT20-100	08/16/2016	N	100	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	**13**	<0.5	--	<0.5	<0.5
JW-CPT20	JW-CPT20-120	08/16/2016	N	120	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	**5.3**	<0.5	--	<0.5	<0.5
JW-CPT20	JW-CPT20-121	08/16/2016	FD	120	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.4 J**	**5.3**	<0.5	--	<0.5	<0.5
JW-CPT20	JW-CPT20-132	08/16/2016	N	128	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5

Appendix E-4
Analytical Results for Discrete-Depth Groundwater Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Sample Depth	Volatiles (in ug/L)														
					Dichlorodifluoromethane	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene (Cumene)	m,p-Xylene	Methyl Acetate	Methylcyclohexane	Methylene Chloride	Naphthalene	n-Butylbenzene	n-Propylbenzene	o-Xylene	p-Cymene (p-Isopropyltoluene)	sec-Butylbenzene	Styrene
JW-CPT01	JW-CPT01-50	03/27/2013	N	66	<25	<25	--	<25	<25	<25	<25	<25	--	--	--	<25	--	--	<25
JW-CPT01	JW-CPT01-51	03/27/2013	FD	66	<25	<25	--	<25	<25	**43**	<25	<25	--	--	--	<25	--	--	<25
JW-CPT01	JW-CPT01-70	03/27/2013	N	90	<0.5	<0.5	--	<0.5	<0.5	**1.4**	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT01	JW-CPT01-90	03/27/2013	N	104	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT01	JW-CPT01-110	03/27/2013	N	125	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT02	JW-CPT02-50	03/26/2013	N	64	<50	<50	--	<50	<50	<50	<50	<50	--	--	--	<50	--	--	<50
JW-CPT02	JW-CPT02-70	03/26/2013	N	80	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT02	JW-CPT02-90	03/26/2013	N	100	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT02	JW-CPT02-110	03/26/2013	N	124	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT03	JW-CPT03-50	03/25/2013	N	66	<20	<20	--	<20	<20	<20	<20	<20	--	--	--	<20	--	--	<20
JW-CPT03	JW-CPT03-51	03/25/2013	FD	66	<20	<20	--	<20	<20	<20	<20	<20	--	--	--	<20	--	--	<20
JW-CPT03	JW-CPT03-70	03/25/2013	N	86	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT03	JW-CPT03-90	03/25/2013	N	99	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT03	JW-CPT03-110	03/25/2013	N	132	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT04	JW-CPT04-60	06/15/2015	N	68	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT04	JW-CPT04-61	06/15/2015	FD	69	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT04	JW-CPT04-75	06/16/2015	N	84	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT04	JW-CPT04-90	06/16/2015	N	96	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT04	JW-CPT04-130	06/16/2015	N	132	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT05	JW-CPT05-60	06/16/2015	N	69	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT05	JW-CPT05-75	06/16/2015	N	84	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT05	JW-CPT05-90	06/17/2015	N	98	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT05	JW-CPT05-91	06/17/2015	FD	99	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT05	JW-CPT05-105	06/17/2015	N	112	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT05	JW-CPT05-130	06/17/2015	N	132	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT06	JW-CPT06-75	06/19/2015	N	84	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT06	JW-CPT06-90	06/19/2015	N	96	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT06	JW-CPT06-105	06/19/2015	N	106	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT06	JW-CPT06-130	06/19/2015	N	128	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5

Appendix E-4
Analytical Results for Discrete-Depth Groundwater Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Sample Depth	Volatiles (in ug/L)														
					Dichlorodifluoromethane	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene (Cumene)	m,p-Xylene	Methyl Acetate	Methylcyclohexane	Methylene Chloride	Naphthalene	n-Butylbenzene	n-Propylbenzene	o-Xylene	p-Cymene (p-Isopropyltoluene)	sec-Butylbenzene	Styrene
JW-CPT07	JW-CPT07-60	06/18/2015	N	60	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT07	JW-CPT07-75	06/18/2015	N	75	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT07	JW-CPT07-76	06/18/2015	FD	76	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT07	JW-CPT07-90	06/19/2015	N	90	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT07	JW-CPT07-105	06/19/2015	N	104	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT07	JW-CPT07-130	06/19/2015	N	128	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT08	JW-CPT08-60	06/17/2015	N	65	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT08	JW-CPT08-75	06/17/2015	N	78	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT08	JW-CPT08-90	06/17/2015	N	96	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT08	JW-CPT08-105	06/18/2015	N	108	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT08	JW-CPT08-106	06/18/2015	FD	109	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT08	JW-CPT08-130	06/18/2015	N	124	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT09	JW-CPT09-60	06/23/2015	N	64	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT09	JW-CPT09-75	06/23/2015	N	76	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT09	JW-CPT09-90	06/23/2015	N	92	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT09	JW-CPT09-105	06/23/2015	N	116	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT09	JW-CPT09-130	06/23/2015	N	130	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT10	JW-CPT10-60	06/22/2015	N	57	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT10	JW-CPT10-75	06/22/2015	N	68	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT10	JW-CPT10-76	06/22/2015	FD	69	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT10	JW-CPT10-90	06/22/2015	N	84	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT10	JW-CPT10-105	06/22/2015	N	98	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT10	JW-CPT10-130	06/22/2015	N	120	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT11	JW-CPT11-45	06/29/2015	N	63	<0.5	**2.9**	--	<0.5	**5**	<0.5	<0.5	<0.5	--	--	--	**1.7**	--	--	<0.5
JW-CPT11	JW-CPT11-60	06/29/2015	N	78	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT11	JW-CPT11-75	06/29/2015	N	88	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT11	JW-CPT11-90	06/29/2015	N	102	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT11	JW-CPT11-105	06/29/2015	N	116	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT11	JW-CPT11-130	06/29/2015	N	132	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5

Appendix E-4
Analytical Results for Discrete-Depth Groundwater Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Sample Depth	Volatiles (in ug/L)														
					Dichlorodifluoromethane	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene (Cumene)	m,p-Xylene	Methyl Acetate	Methylcyclohexane	Methylene Chloride	Naphthalene	n-Butylbenzene	n-Propylbenzene	o-Xylene	p-Cymene (p-Isopropyltoluene)	sec-Butylbenzene	Styrene
JW-CPT12	JW-CPT12-74	06/26/2015	FD	73	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT12	JW-CPT12-75	06/26/2015	N	74	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT12	JW-CPT12-90	06/26/2015	N	92	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT12	JW-CPT12-105	06/26/2015	N	108	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT12	JW-CPT12-130	06/26/2015	N	132	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT13	JW-CPT13-60	06/25/2015	N	60	R	R	--	R	R	R	R	R	--	--	--	**1.7 J**	--	--	R
JW-CPT13	JW-CPT13-75	06/25/2015	N	73	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT13	JW-CPT13-90	06/25/2015	N	91	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT13	JW-CPT13-91	06/25/2015	FD	92	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT13	JW-CPT13-105	06/25/2015	N	102	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT13	JW-CPT13-130	06/25/2015	N	130	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT14	JW-CPT14-60	06/24/2015	N	62	R	R	--	R	R	R	R	R	--	--	--	R	--	--	R
JW-CPT14	JW-CPT14-75	06/24/2015	N	75	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT14	JW-CPT14-90	06/24/2015	N	90	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT14	JW-CPT14-105	06/24/2015	N	102	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT14	JW-CPT14-130	06/24/2015	N	130	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT15	JW-CPT15-60	10/26/2015	N	67	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT15	JW-CPT15-75	10/26/2015	N	79	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT15	JW-CPT15-92	10/27/2015	N	92	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.79	--	--	--	<0.5	--	--	<0.5
JW-CPT15	JW-CPT15-106	10/26/2015	N	106	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT15	JW-CPT15-107	10/26/2015	FD	107	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT15	JW-CPT15-128	10/26/2015	N	128	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT16	JW-CPT16-60	10/27/2015	N	66	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.81	--	--	--	<0.5	--	--	<0.5
JW-CPT16	JW-CPT16-75	10/27/2015	N	80	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.83	--	--	--	<0.5	--	--	<0.5
JW-CPT16	JW-CPT16-90	10/27/2015	N	92	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT16	JW-CPT16-105	10/27/2015	N	108	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT16	JW-CPT16-130	10/27/2015	N	124	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT17	JW-CPT17-60	10/28/2015	N	65	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT17	JW-CPT17-75	10/28/2015	N	82	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5

Appendix E-4
Analytical Results for Discrete-Depth Groundwater Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Sample Depth	Volatiles (in ug/L)														
					Dichlorodifluoromethane	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene (Cumene)	m,p-Xylene	Methyl Acetate	Methylcyclohexane	Methylene Chloride	Naphthalene	n-Butylbenzene	n-Propylbenzene	o-Xylene	p-Cymene (p-Isopropyltoluene)	sec-Butylbenzene	Styrene
JW-CPT17	JW-CPT17-91	10/28/2015	N	91	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT17	JW-CPT17-92	10/28/2015	FD	92	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT17	JW-CPT17-105	10/28/2015	N	102	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT17	JW-CPT17-130	10/28/2015	N	118	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT18	JW-CPT18-60	10/29/2015	N	68	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT18	JW-CPT18-75	10/29/2015	N	84	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT18	JW-CPT18-90	10/29/2015	N	98	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT18	JW-CPT18-91	10/29/2015	FD	99	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT18	JW-CPT18-130	10/29/2015	N	119	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<0.5	--	--	<0.5
JW-CPT20	JW-CPT20-64	08/16/2016	N	64	<0.5	<0.5	<0.5	<0.5	<1	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JW-CPT20	JW-CPT20-80	08/16/2016	N	80	<0.5	<0.5	<0.5	<0.5	<1	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JW-CPT20	JW-CPT20-100	08/16/2016	N	100	<0.5	<0.5	<0.5	<0.5	<1	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JW-CPT20	JW-CPT20-120	08/16/2016	N	120	<0.5	<0.5	<0.5	<0.5	<1	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JW-CPT20	JW-CPT20-121	08/16/2016	FD	120	<0.5	<0.5	<0.5	<0.5	<1	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JW-CPT20	JW-CPT20-132	08/16/2016	N	128	<0.5	<0.5	<0.5	<0.5	<1	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Appendix E-4
Analytical Results for Discrete-Depth Groundwater Samples
Jervis B. Webb Company Superfund Site
South Gate, California

					Volatiles (in ug/L)									Semivolatiles by BNASIM (in ug/L)	Semivolatiles by SW8270D (in ug/L)
Location ID	Sample ID	Sample Date	Sample Type	Sample Depth	tert-Butyl Methyl Ether (MTBE)	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Vinyl Chloride	1,4-Dioxane (p-Dioxane)	1,4-Dioxane (p-Dioxane)
JW-CPT01	JW-CPT01-50	03/27/2013	N	66	<25	--	**3.9 J**	<25	**7.4 J**	<25	**3,300**	<25	<25	**32**	--
JW-CPT01	JW-CPT01-51	03/27/2013	FD	66	<25	--	**3.6 J**	<25	**7.3 J**	<25	**3,200**	<25	<25	**33**	--
JW-CPT01	JW-CPT01-70	03/27/2013	N	90	<0.5	--	**0.19 J**	<0.5	<0.5	<0.5	**23**	<0.5	<0.5	<0.5	--
JW-CPT01	JW-CPT01-90	03/27/2013	N	104	<0.5	--	<0.5	<0.5	<0.5	<0.5	**3.7**	<0.5	<0.5	**0.52**	--
JW-CPT01	JW-CPT01-110	03/27/2013	N	125	<0.5	--	<0.5	<0.5	<0.5	<0.5	**1.1**	<0.5	<0.5	<0.5	--
JW-CPT02	JW-CPT02-50	03/26/2013	N	64	<50	--	<50	<50	**16 J**	<50	**5,000 J**	<50	<50	**34**	--
JW-CPT02	JW-CPT02-70	03/26/2013	N	80	<0.5	--	<0.5	**0.11 J**	<0.5	<0.5	**11**	<0.5	<0.5	**0.81**	--
JW-CPT02	JW-CPT02-90	03/26/2013	N	100	<0.5	--	<0.5	**0.084 J**	<0.5	<0.5	**4**	<0.5	<0.5	<0.5	--
JW-CPT02	JW-CPT02-110	03/26/2013	N	124	<0.5	--	<0.5	**0.065 J**	<0.5	<0.5	**0.31 J**	<0.5	<0.5	<0.5	--
JW-CPT03	JW-CPT03-50	03/25/2013	N	66	<20	--	<20	<20	**13 J**	<20	**1,100**	<20	<20	**12**	--
JW-CPT03	JW-CPT03-51	03/25/2013	FD	66	<20	--	<20	<20	**14 J**	<20	**1,200**	<20	<20	**11**	--
JW-CPT03	JW-CPT03-70	03/25/2013	N	86	<0.5	--	<0.5	<0.5	<0.5	<0.5	**2**	<0.5	<0.5	<0.5	--
JW-CPT03	JW-CPT03-90	03/25/2013	N	99	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.23 J**	<0.5	**0.072 J**	<0.5	--
JW-CPT03	JW-CPT03-110	03/25/2013	N	132	<0.5	--	<0.5	<0.5	<0.5	<0.5	**1.9**	<0.5	<0.5	<0.5	--
JW-CPT04	JW-CPT04-60	06/15/2015	N	68	<0.5	--	<0.5	<0.5	<0.5	<0.5	**1.2**	<0.5	<0.5	**7.9 J**	--
JW-CPT04	JW-CPT04-61	06/15/2015	FD	69	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.82**	<0.5	<0.5	**6**	--
JW-CPT04	JW-CPT04-75	06/16/2015	N	84	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT04	JW-CPT04-90	06/16/2015	N	96	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT04	JW-CPT04-130	06/16/2015	N	132	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT05	JW-CPT05-60	06/16/2015	N	69	<0.5	--	<0.5	<0.5	<0.5	<0.5	**6.8**	<0.5	<0.5	**16**	--
JW-CPT05	JW-CPT05-75	06/16/2015	N	84	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.32 J**	<0.5	<0.5	**3**	--
JW-CPT05	JW-CPT05-90	06/17/2015	N	98	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.2 J**	<0.5	<0.5	**0.44 J**	--
JW-CPT05	JW-CPT05-91	06/17/2015	FD	99	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT05	JW-CPT05-105	06/17/2015	N	112	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.9**	--
JW-CPT05	JW-CPT05-130	06/17/2015	N	132	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT06	JW-CPT06-75	06/19/2015	N	84	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT06	JW-CPT06-90	06/19/2015	N	96	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.69**	<0.5	<0.5	**5.6**	--
JW-CPT06	JW-CPT06-105	06/19/2015	N	106	<0.5	--	<0.5	<0.5	<0.5	<0.5	**1.4**	<0.5	<0.5	**3.4**	--
JW-CPT06	JW-CPT06-130	06/19/2015	N	128	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--

Appendix E-4
Analytical Results for Discrete-Depth Groundwater Samples
Jervis B. Webb Company Superfund Site
South Gate, California

					Volatiles (in ug/L)									Semivolatiles by BNASIM (in ug/L)	Semivolatiles by SW8270D (in ug/L)
Location ID	Sample ID	Sample Date	Sample Type	Sample Depth	tert-Butyl Methyl Ether (MTBE)	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Vinyl Chloride	1,4-Dioxane (p-Dioxane)	1,4-Dioxane (p-Dioxane)
JW-CPT07	JW-CPT07-60	06/18/2015	N	60	<0.5	--	<0.5	<0.5	<0.5	<0.5	**19 J**	<0.5	<0.5	<0.5	--
JW-CPT07	JW-CPT07-75	06/18/2015	N	75	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT07	JW-CPT07-76	06/18/2015	FD	76	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT07	JW-CPT07-90	06/19/2015	N	90	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT07	JW-CPT07-105	06/19/2015	N	104	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT07	JW-CPT07-130	06/19/2015	N	128	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.39 J**	<0.5	<0.5	<0.5	--
JW-CPT08	JW-CPT08-60	06/17/2015	N	65	<0.5	--	<0.5	<0.5	<0.5	<0.5	**2.6**	<0.5	<0.5	<0.5	--
JW-CPT08	JW-CPT08-75	06/17/2015	N	78	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**1**	--
JW-CPT08	JW-CPT08-90	06/17/2015	N	96	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.54**	<0.5	<0.5	<0.5	--
JW-CPT08	JW-CPT08-105	06/18/2015	N	108	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**1.6**	--
JW-CPT08	JW-CPT08-106	06/18/2015	FD	109	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**3.4**	--
JW-CPT08	JW-CPT08-130	06/18/2015	N	124	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT09	JW-CPT09-60	06/23/2015	N	64	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.89**	--
JW-CPT09	JW-CPT09-75	06/23/2015	N	76	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT09	JW-CPT09-90	06/23/2015	N	92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**1.6**	--
JW-CPT09	JW-CPT09-105	06/23/2015	N	116	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
JW-CPT09	JW-CPT09-130	06/23/2015	N	130	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT10	JW-CPT10-60	06/22/2015	N	57	<0.5	--	<0.5	<0.5	<0.5	<0.5	**7.7**	<0.5	<0.5	<0.74	--
JW-CPT10	JW-CPT10-75	06/22/2015	N	68	<0.5	--	<0.5	<0.5	<0.5	<0.5	**3.1**	<0.5	<0.5	<0.5	--
JW-CPT10	JW-CPT10-76	06/22/2015	FD	69	<0.5	--	<0.5	<0.5	<0.5	<0.5	**3 J**	<0.5	<0.5	<0.5	--
JW-CPT10	JW-CPT10-90	06/22/2015	N	84	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.79**	<0.5	<0.5	<0.9	--
JW-CPT10	JW-CPT10-105	06/22/2015	N	98	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT10	JW-CPT10-130	06/22/2015	N	120	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.9	--
JW-CPT11	JW-CPT11-45	06/29/2015	N	63	<0.5	--	<0.5	**0.23 J**	<0.5	<0.5	<0.5	<0.5	<0.5	**2.4**	--
JW-CPT11	JW-CPT11-60	06/29/2015	N	78	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.97**	--
JW-CPT11	JW-CPT11-75	06/29/2015	N	88	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.63**	--
JW-CPT11	JW-CPT11-90	06/29/2015	N	102	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.65**	--
JW-CPT11	JW-CPT11-105	06/29/2015	N	116	<0.5	--	<0.5	**0.21 J**	<0.5	<0.5	<0.5	<0.5	<0.5	**0.67**	--
JW-CPT11	JW-CPT11-130	06/29/2015	N	132	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.96**	--

Appendix E-4
Analytical Results for Discrete-Depth Groundwater Samples
Jervis B. Webb Company Superfund Site
South Gate, California

					Volatiles (in ug/L)									Semivolatiles by BNASIM (in ug/L)	Semivolatiles by SW8270D (in ug/L)
Location ID	Sample ID	Sample Date	Sample Type	Sample Depth	tert-Butyl Methyl Ether (MTBE)	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Vinyl Chloride	1,4-Dioxane (p-Dioxane)	1,4-Dioxane (p-Dioxane)
JW-CPT12	JW-CPT12-74	06/26/2015	FD	73	<0.5	--	<0.5	<0.5	<0.5	<0.5	**16**	<0.5	<0.5	**3.3**	--
JW-CPT12	JW-CPT12-75	06/26/2015	N	74	<0.5	--	<0.5	<0.5	<0.5	<0.5	**10**	<0.5	<0.5	<0.5	--
JW-CPT12	JW-CPT12-90	06/26/2015	N	92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT12	JW-CPT12-105	06/26/2015	N	108	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.49 J**	--
JW-CPT12	JW-CPT12-130	06/26/2015	N	132	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.65**	--
JW-CPT13	JW-CPT13-60	06/25/2015	N	60	R	--	R	R	R	R	R	R	R	**0.45 J**	--
JW-CPT13	JW-CPT13-75	06/25/2015	N	73	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT13	JW-CPT13-90	06/25/2015	N	91	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**1.1**	--
JW-CPT13	JW-CPT13-91	06/25/2015	FD	92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.8**	--
JW-CPT13	JW-CPT13-105	06/25/2015	N	102	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT13	JW-CPT13-130	06/25/2015	N	130	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT14	JW-CPT14-60	06/24/2015	N	62	R	--	R	R	R	R	**8.6 J**	R	R	**0.71**	--
JW-CPT14	JW-CPT14-75	06/24/2015	N	75	<0.5	--	<0.5	<0.5	<0.5	<0.5	**8.1 J**	<0.5	<0.5	**0.89**	--
JW-CPT14	JW-CPT14-90	06/24/2015	N	90	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT14	JW-CPT14-105	06/24/2015	N	102	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**1.1**	--
JW-CPT14	JW-CPT14-130	06/24/2015	N	130	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT15	JW-CPT15-60	10/26/2015	N	67	<0.5	--	<0.5	<0.5	**1.9**	<0.5	**9.1**	<0.5	<0.5	**5.8**	--
JW-CPT15	JW-CPT15-75	10/26/2015	N	79	<0.5	--	<0.5	<0.5	**5.3**	<0.5	**9.9**	<0.5	<0.5	**1.6**	--
JW-CPT15	JW-CPT15-92	10/27/2015	N	92	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.24 J**	<0.5	<0.5	**0.56**	--
JW-CPT15	JW-CPT15-106	10/26/2015	N	106	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.26 J**	--
JW-CPT15	JW-CPT15-107	10/26/2015	FD	107	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.35 J**	--
JW-CPT15	JW-CPT15-128	10/26/2015	N	128	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
JW-CPT16	JW-CPT16-60	10/27/2015	N	66	<0.5	--	<0.5	<0.5	**0.55**	<0.5	**1.9**	<0.5	<0.5	**0.3 J**	--
JW-CPT16	JW-CPT16-75	10/27/2015	N	80	<0.5	--	<0.5	<0.5	**0.16 J**	<0.5	**1.4**	<0.5	<0.5	**0.55**	--
JW-CPT16	JW-CPT16-90	10/27/2015	N	92	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.21 J**	<0.5	<0.5	**0.39 J**	--
JW-CPT16	JW-CPT16-105	10/27/2015	N	108	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT16	JW-CPT16-130	10/27/2015	N	124	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT17	JW-CPT17-60	10/28/2015	N	65	<0.5	--	<0.5	<0.5	**0.79**	<0.5	**13**	<0.5	<0.5	**0.8**	--
JW-CPT17	JW-CPT17-75	10/28/2015	N	82	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**1.2**	--

Appendix E-4
Analytical Results for Discrete-Depth Groundwater Samples
Jervis B. Webb Company Superfund Site
South Gate, California

					Volatiles (in ug/L)									Semivolatiles by BNASIM (in ug/L)	Semivolatiles by SW8270D (in ug/L)
Location ID	Sample ID	Sample Date	Sample Type	Sample Depth	tert-Butyl Methyl Ether (MTBE)	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Vinyl Chloride	1,4-Dioxane (p-Dioxane)	1,4-Dioxane (p-Dioxane)
JW-CPT17	JW-CPT17-91	10/28/2015	N	91	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.6**	<0.5	<0.5	**0.42 J**	--
JW-CPT17	JW-CPT17-92	10/28/2015	FD	92	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.71**	<0.5	<0.5	**0.54**	--
JW-CPT17	JW-CPT17-105	10/28/2015	N	102	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.33 J**	<0.5	<0.5	<0.5	--
JW-CPT17	JW-CPT17-130	10/28/2015	N	118	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.35 J**	<0.5	<0.5	<0.5	--
JW-CPT18	JW-CPT18-60	10/29/2015	N	68	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**1.6**	--
JW-CPT18	JW-CPT18-75	10/29/2015	N	84	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.57**	--
JW-CPT18	JW-CPT18-90	10/29/2015	N	98	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.73**	--
JW-CPT18	JW-CPT18-91	10/29/2015	FD	99	<0.5	--	<0.5	<0.5	<0.5	<0.5	**0.26 J**	<0.5	<0.5	**0.37 J**	--
JW-CPT18	JW-CPT18-130	10/29/2015	N	119	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
JW-CPT20	JW-CPT20-64	08/16/2016	N	64	<2	<0.5	<0.5	<0.5	**0.4 J**	<0.5	**1.6**	<0.5	<0.5	--	**0.5 J**
JW-CPT20	JW-CPT20-80	08/16/2016	N	80	<2	<0.5	<0.5	**0.7**	**1.4**	<0.5	**2.5**	<0.5	<0.5	--	<1.9
JW-CPT20	JW-CPT20-100	08/16/2016	N	100	<2	<0.5	<0.5	<0.5	<0.5	<0.5	**1.5**	<0.5	<0.5	--	<1.9
JW-CPT20	JW-CPT20-120	08/16/2016	N	120	<2	<0.5	<0.5	<0.5	<0.5	<0.5	**1.4**	<0.5	<0.5	--	<1
JW-CPT20	JW-CPT20-121	08/16/2016	FD	120	<2	<0.5	<0.5	<0.5	<0.5	<0.5	**1.4**	<0.5	<0.5	--	<2
JW-CPT20	JW-CPT20-132	08/16/2016	N	128	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<1

Notes:

Detected results shown in bold

ID = identification number

FD = Field duplicate sample results

J = Concentration is estimated because it falls between the method detection limit and laboratory reporting limit.

N = Normal sample results

R = Rejected results

ug/L = Micrograms per liter

-- = Not analyzed

APPENDIX E-5

ANALYTICAL RESULTS FOR AIR SAMPLES

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Appendix E-5
Analytical Results for Air Samples
Jervis B. Webb Company Superfund Site
South Gate, California

Location ID	Sample ID	Sample Date	Sample Type	Volatiles (in ug/m3)																
				1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichlorobenzene	1,2-Dichloroethane	Benzene	cis-1,2-Dichloroethylene	Ethylbenzene	m,p-Xylene	Naphthalene	o-Xylene	Tetrachloroethene (PCE)	Toluene	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
5030 FIRE BLVD	5030 FIRE-IA01-0917	09/09/2017	N	<0.55	<0.55	<0.4	<0.4	<0.6	<0.4	**1.5**	<0.4	**0.55**	**1.5**	**0.64 J**	**0.7**	<0.68	**5.7**	<0.4	<0.54	<0.26
5030 FIRE BLVD	5030 FIRE-IA02-0917	09/09/2017	N	<0.67	<0.67	<0.5	<0.49	<0.74	<0.5	**0.98**	<0.49	**1.2**	**2.8**	**1.9 J**	**1.2**	<0.83	**32**	<0.49	<0.66	<0.31
5030 FIRE BLVD	5030 FIRE-IA03-0917	09/09/2017	N	**0.3 J**	<0.55	<0.4	<0.4	<0.6	<0.4	**0.94**	<0.4	**0.78**	**2**	**0.81 J**	**0.87**	<0.68	**24**	<0.4	<0.54	<0.26
5030 FIRE BLVD	5030 FIRE-IA04-0917	09/09/2017	N	**1.8**	<0.27	<0.2	**0.12 J**	<0.3	<0.2	**0.56**	<0.2	**1.4**	**3.3**	**0.52 J**	**1.4**	**0.25 J**	**32**	**9.6**	<0.27	<0.13
5030 FIRE BLVD	5030 FIRE-OA01-0917	09/09/2017	N	<0.55	<0.55	<0.4	<0.4	<0.6	<0.4	**0.86**	<0.4	**0.53**	**1.4**	**0.32 J**	**0.57**	<0.68	**11**	<0.4	<0.54	<0.26
9001 RAYO AVE	9001 RAYO-IA01-0917	09/09/2017	N	<0.27	<0.27	<0.2	<0.2	<0.3	<0.2	**7.9**	<0.2	**5.1**	**19**	**3.5 J**	**7.3**	**0.24 J**	**25**	<0.2	<0.27	<0.13
9001 RAYO AVE	9001 RAYO-IA02-0917	09/09/2017	N	<0.55	<0.55	<0.4	<0.4	<0.6	<0.4	**7.8**	<0.4	**5.4**	**21**	**3.8 J**	**7.5**	<0.68	**25**	<0.4	<0.54	<0.26
9001 RAYO AVE	9001 RAYO-IA03-0917	09/09/2017	N	<0.55	<0.55	<0.4	<0.4	<0.6	<0.4	**6.7**	<0.4	**4.7**	**18**	**3 J**	**6.6**	<0.68	**32**	<0.4	<0.54	<0.26
9301 RAYO AVE	9301 RAYO-IA01-0917	09/10/2017	N	**4.4**	<0.55	<0.4	<0.4	<0.6	**0.46**	**1.4**	<0.4	**2.3**	**7.4**	**0.64 J**	**2.5**	<0.68	**12**	<0.4	<0.54	<0.26
9301 RAYO AVE	9301 RAYO-IA02-0917	09/10/2017	N	**4.1**	<0.55	<0.4	<0.4	<0.6	**0.45**	**1.4**	<0.4	**2.3**	**7.2**	**0.91 J**	**2.4**	<0.68	**11**	<0.4	<0.54	<0.26
9301 RAYO AVE	9301 RAYO-IA03-0917	09/10/2017	N	<0.55	<0.55	<0.4	<0.4	<0.6	<0.4	**1.6**	<0.4	**0.82**	**2.4**	**1.3 J**	**0.97**	<0.68	**4.9**	<0.4	<0.54	<0.26
9301 RAYO AVE	9301 RAYO-IA04-0917	09/10/2017	N	<0.55	<0.55	<0.4	<0.4	<0.6	<0.4	**1.6**	<0.4	**1.8**	**5.1**	**2.7 J**	**1.9**	<0.68	**25**	<0.4	<0.54	<0.26
9301 RAYO AVE	9301 RAYO-OA01-0917	09/10/2017	N	<0.69	<0.69	<0.51	<0.5	<0.75	**0.35 J**	**1.6**	<0.5	**1.9**	**3.9**	**1 J**	**1.7**	<0.85	**60**	<0.5	<0.67	<0.32

Notes:
Detected results shown in bold
ID = Identification number
J = Concentration is estimated because it falls between the method detection limit and laboratory reporting limit.
N = Normal sample results
R = Rejected results
ug/m3 = Micrograms per cubic meter
-- = Not analyzed

APPENDIX E-6

COMMERCIAL LABORATORY ANALYTICAL REPORTS

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February 20, 2017

Rogerio Leong
Gilbane
1655 Grant St. Floor 12
Concord, CA 94520

RE: 5030 Firestone Blvd. & 9301 Rayo Ave. South Gate

Enclosed are the results of analyses for soil gas samples received by Environmental Support Technologies laboratory on 02/15/17 16:24. The analyses were performed according to the prescribed method as outlined by EPA 8260B. A shut in test was performed, leak test was performed, equipment blank was run, and selected purge volume was 3PV. If you have any questions concerning this report, please feel free to contact Project Manager.

Sincerely,

Ashley Flores

Ashley Flores
Project Manager

Environmental Support Technologies laboratories are certified by the California Department of Health Services (CDHS), Environmental Laboratory Accreditation Program (ELAP) No's. 2772, 2773, and 2767.

8 Goodyear, Suite 125, Irvine, California 92618
Telephone: (949) 679-9500 Fax: (949) 679-9501

Gilbane 1655 Grant St. Floor 12 Concord, CA 94520	Project: 5030 Firestone Blvd. & 9301 Rayo Ave. South Gate Project Number: EST3064 Project Manager: Rogerio Leong	**Reported:** 20-Feb-17 16:06

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Analyzed
Equipment Blank	4B71501-01	Air	15-Feb-17 09:05	15-Feb-17 09:20
Material Blank	4B71501-02	Air	15-Feb-17 09:35	15-Feb-17 09:49
JW-SB/SG27-5 3PV	4B71501-03	Air	15-Feb-17 10:05	15-Feb-17 10:18
JW-SB/SG27-15 3PV	4B71501-04	Air	15-Feb-17 11:00	15-Feb-17 11:16
JW-SB/SG27-35 3PV	4B71501-05	Air	15-Feb-17 11:30	15-Feb-17 11:45
JW-SB/SG29-5 3PV	4B71501-06	Air	15-Feb-17 12:00	15-Feb-17 12:17
JW-SB/SG29-15 3PV	4B71501-07	Air	15-Feb-17 12:30	15-Feb-17 12:46
JW-SB/SG29-35 3PV	4B71501-08	Air	15-Feb-17 13:00	15-Feb-17 13:15
JW-SB/SG28-5 3PV	4B71501-09	Air	15-Feb-17 13:30	15-Feb-17 13:44
JW-SB/SG28-15 3PV	4B71501-10	Air	15-Feb-17 14:00	15-Feb-17 14:13
JW-SB/SG28-35 3PV	4B71501-11	Air	15-Feb-17 14:25	15-Feb-17 14:42
JW-SB/SG30-5 3PV	4B71501-12	Air	15-Feb-17 14:55	15-Feb-17 15:11
JW-SB/SG30-15 3PV	4B71501-13	Air	15-Feb-17 15:25	15-Feb-17 15:40
JW-SB/SG30-25 3PV	4B71501-14	Air	15-Feb-17 15:55	15-Feb-17 16:08
JW-SB/SG30-35 3PV	4B71501-15	Air	15-Feb-17 16:20	15-Feb-17 16:37

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

8 Goodyear, Suite 125, Irvine, California 92618
Telephone: (949) 679-9500 Fax: (949) 679-9501

February 20, 2017

Rogerio Leong
Gilbane
1655 Grant St. Floor 12
Concord, CA 94520

RE: 5030 Firestone Blvd. & 9301 Rayo Ave. South Gate

Enclosed are the results of analyses for soil gas samples received by Environmental Support Technologies laboratory on 02/16/17 15:48. The analyses were performed according to the prescribed method as outlined by EPA 8260B. A shut in test was performed, leak test was performed, equipment blank was run, and selected purge volume was 3PV. If you have any questions concerning this report, please feel free to contact Project Manager.

Sincerely,

Ashley Flores

Ashley Flores
Project Manager

Environmental Support Technologies laboratories are certified by the California Department of Health Services (CDHS), Environmental Laboratory Accreditation Program (ELAP) No's. 2772, 2773, and 2767.

8 Goodyear, Suite 125, Irvine, California 92618
Telephone: (949) 679-9500 Fax: (949) 679-9501

Gilbane 1655 Grant St. Floor 12 Concord, CA 94520	Project: 5030 Firestone Blvd. & 9301 Rayo Ave. South Gate Project Number: EST3064 Project Manager: Rogerio Leong	**Reported:** 20-Feb-17 16:27

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Analyzed
Equipment Blank	4B71601-01	Air	16-Feb-17 09:15	16-Feb-17 09:30
JW-SB/SG34-5 3PV	4B71601-02	Air	16-Feb-17 09:45	16-Feb-17 09:59
JW-SB/SG34-15 3PV	4B71601-03	Air	16-Feb-17 10:40	16-Feb-17 10:56
JW-SB/SG34-25 3PV	4B71601-04	Air	16-Feb-17 11:10	16-Feb-17 11:25
JW-SB/SG34-35 3PV	4B71601-05	Air	16-Feb-17 11:40	16-Feb-17 11:55
JW-SB/SG32-5 3PV	4B71601-06	Air	16-Feb-17 12:10	16-Feb-17 12:24
JW-SB/SG32-15 3PV	4B71601-07	Air	16-Feb-17 12:35	16-Feb-17 12:52
JW-SB/SG32-25 3PV	4B71601-08	Air	16-Feb-17 13:05	16-Feb-17 13:21
JW-SB/SG32-35 3PV	4B71601-09	Air	16-Feb-17 13:35	16-Feb-17 13:50
JW-SB/SG33-5 3PV	4B71601-10	Air	16-Feb-17 14:05	16-Feb-17 14:19
JW-SB/SG33-15 3PV	4B71601-11	Air	16-Feb-17 14:35	16-Feb-17 14:48
JW-SB/SG33-25 3PV	4B71601-12	Air	16-Feb-17 15:00	16-Feb-17 15:17
JW-SB/SG33-35 3PV	4B71601-13	Air	16-Feb-17 15:30	16-Feb-17 15:46
JW-SB/SG31-5 3PV	4B71601-14	Air	16-Feb-17 16:00	16-Feb-17 16:15
JW-SB/SG31-15 3PV	4B71601-15	Air	16-Feb-17 16:30	16-Feb-17 16:44
JW-SB/SG31-25 3PV	4B71601-16	Air	16-Feb-17 16:55	16-Feb-17 17:13
JW-SB/SG31-35 3PV	4B71601-17	Air	16-Feb-17 17:25	16-Feb-17 17:42

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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16510 Aston Street
Irvine, CA 92606
Phone: 949-679-9500
Fax: 949-679-9501

Analytical Results

Gilbane
1655 Grant St. Floor 12
Concord CA, 94520

Project: 5030 Firestone Blvd. & 9301 Rayo Ave. South Gate
Project Number: EST3064
Project Manager: Rogerio Leong

SAMPLED: 15-Feb-17 to 16-Feb-17
RECEIVED: 15-Feb-17 to 16-Feb-17
REPORTED: 22-Feb-17 13:43

LAB #		4B71501-01	4B71501-02	4B71501-03	4B71501-04	4B71501-05	4B71501-06
MATRIX	Minimum	Air	Air	Air	Air	Air	Air
SAMPLE ID	Reporting Limit	Equipment Blank	Material Blank	JW-SB/SG27-5 3PV	JW-SB/SG27-15 3PV	JW-SB/SG27-35 3PV	JW-SB/SG29-5 3PV
Volatile Organic Compounds (Air)							
1,1,1,2-Tetrachloroethane	200 ug/m³ Air	<60	<60	<60	<60	<60	<60
1,1,1-Trichloroethane	200 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,1,2,2-Tetrachloroethane	200 ug/m³ Air	<100	<100	<100	<100	<100	<100
1,1,2-Trichloroethane	200 ug/m³ Air	<80	<80	<80	<80	<80	<80
1,1,2-Trichloro-trifluoroethane	200 ug/m³ Air	<60	<60	<60	<60	<60	<60
1,1-Dichloroethane	200 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,1-Dichloroethene	100 ug/m³ Air	<70	<70	<70	<70	570	<70
1,1-Dichloropropene	500 ug/m³ Air	<70	<70	<70	<70	<70	<70
1,2,3-Trichlorobenzene	1000 ug/m³ Air	<110	<110	<110	<110	<110	<110
1,2,3-Trichloropropane	500 ug/m³ Air	<110	<110	<110	<110	<110	<110
1,2,4-Trichlorobenzene	1000 ug/m³ Air	<120	<120	<120	<120	<120	<120
1,2,4-Trimethylbenzene	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,2-Dibromo-3-chloropropane	1000 ug/m³ Air	<290	<290	<290	<290	<290	<290
1,2-Dibromoethane	500 ug/m³ Air	<80	<80	<80	<80	<80	<80
1,2-Dichlorobenzene	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,2-Dichloroethane	200 ug/m³ Air	<60	<60	<60	<60	<60	<60
1,2-Dichloropropane	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,3,5-Trimethylbenzene	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,3-Dichlorobenzene	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,3-Dichloropropane	500 ug/m³ Air	<60	<60	<60	<60	<60	<60
1,4-Dichlorobenzene	500 ug/m³ Air	<60	<60	<60	<60	<60	<60
2,2-Dichloropropane	500 ug/m³ Air	<70	<70	<70	<70	<70	<70
2-Chlorotoluene	500 ug/m³ Air	<30	<30	<30	<30	<30	<30
4-Chlorotoluene	500 ug/m³ Air	<70	<70	<70	<70	<70	<70
Benzene	100 ug/m³ Air	<30	<30	<30	<30	<30	<30

Environmental Support Technologies

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Analytical Results

Gilbane		Project:	5030 Firestone Blvd. & 9301 Rayo Ave. South Gate
1655 Grant St. Floor 12		Project Number:	EST3064
Concord CA, 94520		Project Manager:	Rogerio Leong
SAMPLED:	15-Feb-17 to 16-Feb-17	**REPORTED:**	22-Feb-17 13:43
RECEIVED:	15-Feb-17 to 16-Feb-17		

LAB #		4B71501-01	4B71501-02	4B71501-03	4B71501-04	4B71501-05	4B71501-06
MATRIX	Minimum	Air	Air	Air	Air	Air	Air
SAMPLE ID	Reporting Limit	Equipment Blank	Material Blank	JW-SB/SG27-5 3PV	JW-SB/SG27-15 3PV	JW-SB/SG27-35 3PV	JW-SB/SG29-5 3PV
Volatile Organic Compounds (continued)							
Bromobenzene	500 ug/m³ Air	<40	<40	<40	<40	<40	<40
Bromochloromethane	500 ug/m³ Air	<90	<90	<90	<90	<90	<90
Bromodichloromethane	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
Bromoform	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
Bromomethane	500 ug/m³ Air	<150	<150	<150	<150	<150	<150
Carbon disulfide	500 ug/m³ Air	<40	<40	<40	<40	<40	<40
Carbon tetrachloride	100 ug/m³ Air	<50	<50	<50	<50	<50	<50
Chlorobenzene	500 ug/m³ Air	<20	<20	<20	<20	<20	<20
Chloroethane	200 ug/m³ Air	<70	<70	<70	<70	<70	<70
Chloroform	200 ug/m³ Air	<80	<80	<80	<80	<80	<80
Chloromethane	500 ug/m³ Air	<70	<70	<70	<70	<70	<70
cis-1,2-Dichloroethene	200 ug/m³ Air	<50	<50	<50	<50	<50	<50
cis-1,3-Dichloropropene	500 ug/m³ Air	<80	<80	<80	<80	<80	<80
Dibromochloromethane	500 ug/m³ Air	<80	<80	<80	<80	<80	<80
Dibromomethane	500 ug/m³ Air	<90	<90	<90	<90	<90	<90
Dichlorodifluoromethane	200 ug/m³ Air	<20	<20	<20	<20	<20	<20
Ethylbenzene	200 ug/m³ Air	<30	<30	<30	<30	<30	<30
Hexachlorobutadiene	1000 ug/m³ Air	<300	<300	<300	<300	<300	<300
Isopropylbenzene	500 ug/m³ Air	<60	<60	<60	<60	<60	<60
meta- and para-Xylenes	500 ug/m³ Air	<70	<70	<70	<70	<70	<70
Methylene Chloride	200 ug/m³ Air	<50	<50	<50	<50	<50	<50
Naphthalene	1000 ug/m³ Air	<170	<170	<170	<170	<170	<170
n-Butylbenzene	1000 ug/m³ Air	<350	<350	<350	<350	<350	<350
n-Propylbenzene	500 ug/m³ Air	<40	<40	<40	<40	<40	<40
ortho-Xylene	200 ug/m³ Air	<60	<60	<60	<60	<60	<60

Environmental Support Technologies

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Analytical Results

Gilbane
1655 Grant St. Floor 12
Concord CA, 94520

Project: 5030 Firestone Blvd. & 9301 Rayo Ave. South Gate
Project Number: EST3064
Project Manager: Rogerio Leong

SAMPLED: 15-Feb-17 to 16-Feb-17
RECEIVED: 15-Feb-17 to 16-Feb-17
REPORTED: 22-Feb-17 13:43

LAB #		4B71501-01	4B71501-02	4B71501-03	4B71501-04	4B71501-05	4B71501-06
MATRIX	Minimum	Air	Air	Air	Air	Air	Air
SAMPLE ID	Reporting Limit	Equipment Blank	Material Blank	JW-SB/SG27-5 3PV	JW-SB/SG27-15 3PV	JW-SB/SG27-35 3PV	JW-SB/SG29-5 3PV
Volatile Organic Compounds (continued)							
p-Isopropyltoluene	500 ug/m³ Air	<60	<60	<60	<60	<60	<60
sec-Butylbenzene	500 ug/m³ Air	<80	<80	<80	<80	<80	<80
Styrene	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
tert-Butylbenzene	500 ug/m³ Air	<80	<80	<80	<80	<80	<80
Tetrachloroethene	100 ug/m³ Air	<30	<30	<30	<30	380	170
Toluene	500 ug/m³ Air	<40	<40	<40	<40	<40	<40
trans-1,2-Dichloroethene	200 ug/m³ Air	<50	<50	<50	<50	<50	<50
trans-1,3-Dichloropropene	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
Trichloroethene	100 ug/m³ Air	<40	<40	<40	<40	3300	<40
Trichlorofluoromethane	200 ug/m³ Air	<50	<50	<50	<50	<50	<50
Vinyl Chloride	100 ug/m³ Air	<60	<60	<60	<60	<60	<60
2-Propanol	290 ug/m³ Air	<92	<92	<92	<92	<92	<92
Dibromofluoromethane	125 [surr]	97%	98%	99%	99%	97%	96%
Toluene-d8	125 [surr]	84%	86%	84%	85%	86%	86%
4-Bromofluorobenzene	125 [surr]	98%	98%	100%	99%	98%	100%
1,4-Dioxane	50000 ug/m³ Air	<16000	<16000	<16000	<16000	<16000	<16000

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Analytical Results

Gilbane		Project:	5030 Firestone Blvd. & 9301 Rayo Ave. South Gate
1655 Grant St. Floor 12		Project Number:	EST3064
Concord CA, 94520		Project Manager:	Rogerio Leong
SAMPLED:	15-Feb-17 to 16-Feb-17	**REPORTED:**	22-Feb-17 13:43
RECEIVED:	15-Feb-17 to 16-Feb-17		

LAB #		4B71501-07	4B71501-08	4B71501-09	4B71501-10	4B71501-11	4B71501-12
MATRIX	Minimum	Air	Air	Air	Air	Air	Air
SAMPLE ID	Reporting Limit	JW-SB/SG29-15 3PV	JW-SB/SG29-35 3PV	JW-SB/SG28-5 3PV	JW-SB/SG28-15 3PV	JW-SB/SG28-35 3PV	JW-SB/SG30-5 3PV
Volatile Organic Compounds (Air)							
1,1,1,2-Tetrachloroethane	200 ug/m³ Air	<60	<60	<60	<60	<60	<60
1,1,1-Trichloroethane	200 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,1,2,2-Tetrachloroethane	200 ug/m³ Air	<100	<100	<100	<100	<100	<100
1,1,2-Trichloroethane	200 ug/m³ Air	<80	<80	<80	<80	<80	<80
1,1,2-Trichloro-trifluoroethane	200 ug/m³ Air	<60	<60	<60	<60	<60	<60
1,1-Dichloroethane	200 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,1-Dichloroethene	100 ug/m³ Air	<70	110	<70	<70	<70	<70
1,1-Dichloropropene	500 ug/m³ Air	<70	<70	<70	<70	<70	<70
1,2,3-Trichlorobenzene	1000 ug/m³ Air	<110	<110	<110	<110	<110	<110
1,2,3-Trichloropropane	500 ug/m³ Air	<110	<110	<110	<110	<110	<110
1,2,4-Trichlorobenzene	1000 ug/m³ Air	<120	<120	<120	<120	<120	<120
1,2,4-Trimethylbenzene	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,2-Dibromo-3-chloropropane	1000 ug/m³ Air	<290	<290	<290	<290	<290	<290
1,2-Dibromoethane	500 ug/m³ Air	<80	<80	<80	<80	<80	<80
1,2-Dichlorobenzene	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,2-Dichloroethane	200 ug/m³ Air	<60	<60	<60	<60	<60	<60
1,2-Dichloropropane	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,3,5-Trimethylbenzene	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,3-Dichlorobenzene	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,3-Dichloropropane	500 ug/m³ Air	<60	<60	<60	<60	<60	<60
1,4-Dichlorobenzene	500 ug/m³ Air	<60	<60	<60	<60	<60	<60
2,2-Dichloropropane	500 ug/m³ Air	<70	<70	<70	<70	<70	<70
2-Chlorotoluene	500 ug/m³ Air	<30	<30	<30	<30	<30	<30
4-Chlorotoluene	500 ug/m³ Air	<70	<70	<70	<70	<70	<70
Benzene	100 ug/m³ Air	<30	<30	<30	<30	<30	<30

Environmental Support Technologies

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Analytical Results

Gilbane		Project:	5030 Firestone Blvd. & 9301 Rayo Ave. South Gate
1655 Grant St. Floor 12		Project Number:	EST3064
Concord CA, 94520		Project Manager:	Rogerio Leong
SAMPLED:	15-Feb-17 to 16-Feb-17	**REPORTED:**	22-Feb-17 13:43
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LAB #		4B71501-07	4B71501-08	4B71501-09	4B71501-10	4B71501-11	4B71501-12
MATRIX	Minimum	Air	Air	Air	Air	Air	Air
SAMPLE ID	Reporting Limit	JW-SB/SG29-15 3PV	JW-SB/SG29-35 3PV	JW-SB/SG28-5 3PV	JW-SB/SG28-15 3PV	JW-SB/SG28-35 3PV	JW-SB/SG30-5 3PV
Volatile Organic Compounds (continued)							
Bromobenzene	500 ug/m³ Air	<40	<40	<40	<40	<40	<40
Bromochloromethane	500 ug/m³ Air	<90	<90	<90	<90	<90	<90
Bromodichloromethane	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
Bromoform	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
Bromomethane	500 ug/m³ Air	<150	<150	<150	<150	<150	<150
Carbon disulfide	500 ug/m³ Air	<40	<40	<40	<40	<40	<40
Carbon tetrachloride	100 ug/m³ Air	<50	<50	<50	<50	<50	<50
Chlorobenzene	500 ug/m³ Air	<20	<20	<20	<20	<20	<20
Chloroethane	200 ug/m³ Air	<70	<70	<70	<70	<70	<70
Chloroform	200 ug/m³ Air	<80	<80	<80	<80	<80	<80
Chloromethane	500 ug/m³ Air	<70	<70	<70	310 [1]	<70	<70
cis-1,2-Dichloroethene	200 ug/m³ Air	<50	170 [1]	<50	<50	<50	<50
cis-1,3-Dichloropropene	500 ug/m³ Air	<80	<80	<80	<80	<80	<80
Dibromochloromethane	500 ug/m³ Air	<80	<80	<80	<80	<80	<80
Dibromomethane	500 ug/m³ Air	<90	<90	<90	<90	<90	<90
Dichlorodifluoromethane	200 ug/m³ Air	<20	<20	<20	<20	<20	<20
Ethylbenzene	200 ug/m³ Air	<30	<30	<30	<30	<30	<30
Hexachlorobutadiene	1000 ug/m³ Air	<300	<300	<300	<300	<300	<300
Isopropylbenzene	500 ug/m³ Air	<60	<60	<60	<60	<60	<60
meta- and para-Xylenes	500 ug/m³ Air	<70	<70	<70	<70	<70	<70
Methylene Chloride	200 ug/m³ Air	<50	<50	<50	<50	<50	<50
Naphthalene	1000 ug/m³ Air	<170	<170	<170	<170	<170	<170
n-Butylbenzene	1000 ug/m³ Air	<350	<350	<350	<350	<350	<350
n-Propylbenzene	500 ug/m³ Air	<40	<40	<40	<40	<40	<40
ortho-Xylene	200 ug/m³ Air	<60	<60	<60	<60	<60	<60

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1655 Grant St. Floor 12		Project Number:	EST3064
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RECEIVED:	15-Feb-17 to 16-Feb-17		

LAB #		4B71501-07	4B71501-08	4B71501-09	4B71501-10	4B71501-11	4B71501-12
MATRIX	Minimum	Air	Air	Air	Air	Air	Air
SAMPLE ID	Reporting Limit	JW-SB/SG29-15 3PV	JW-SB/SG29-35 3PV	JW-SB/SG28-5 3PV	JW-SB/SG28-15 3PV	JW-SB/SG28-35 3PV	JW-SB/SG30-5 3PV
Volatile Organic Compounds (continued)							
p-Isopropyltoluene	500 ug/m³ Air	<60	<60	<60	<60	<60	<60
sec-Butylbenzene	500 ug/m³ Air	<80	<80	<80	<80	<80	<80
Styrene	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
tert-Butylbenzene	500 ug/m³ Air	<80	<80	<80	<80	<80	<80
Tetrachloroethene	100 ug/m³ Air	100	290	<30	<30	<30	<30
Toluene	500 ug/m³ Air	<40	<40	<40	<40	<40	<40
trans-1,2-Dichloroethene	200 ug/m³ Air	<50	<50	<50	<50	<50	<50
trans-1,3-Dichloropropene	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
Trichloroethene	100 ug/m³ Air	180	1300	<40	250	<40	<40
Trichlorofluoromethane	200 ug/m³ Air	<50	<50	<50	<50	<50	<50
Vinyl Chloride	100 ug/m³ Air	<60	<60	<60	<60	<60	<60
2-Propanol	290 ug/m³ Air	<92	<92	<92	<92	<92	<92
Dibromofluoromethane	125 [surr]	120%	98%	99%	96%	97%	100%
Toluene-d8	125 [surr]	78%	69%	85%	84%	84%	87%
4-Bromofluorobenzene	125 [surr]	82%	84%	98%	98%	98%	100%
1,4-Dioxane	50000 ug/m³ Air	<16000	<16000	<16000	<16000	<16000	<16000

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Analytical Results

Gilbane		Project:	5030 Firestone Blvd. & 9301 Rayo Ave. South Gate
1655 Grant St. Floor 12		Project Number:	EST3064
Concord CA, 94520		Project Manager:	Rogerio Leong
SAMPLED:	15-Feb-17 to 16-Feb-17	**REPORTED:**	22-Feb-17 13:43
RECEIVED:	15-Feb-17 to 16-Feb-17		

LAB #		4B71501-13	4B71501-14	4B71501-15	4B71601-01	4B71601-02	4B71601-03
MATRIX	Minimum	Air	Air	Air	Air	Air	Air
SAMPLE ID	Reporting Limit	JW-SB/SG30-15 3PV	JW-SB/SG30-25 3PV	JW-SB/SG30-35 3PV	Equipment Blank	JW-SB/SG34-5 3PV	JW-SB/SG34-15 3PV
Volatile Organic Compounds (Air)							
1,1,1,2-Tetrachloroethane	200 ug/m³ Air	<60	<60	<60	<60	<60	<60
1,1,1-Trichloroethane	200 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,1,2,2-Tetrachloroethane	200 ug/m³ Air	<100	<100	<100	<100	<100	<100
1,1,2-Trichloroethane	200 ug/m³ Air	<80	<80	<80	<80	<80	<80
1,1,2-Trichloro-trifluoroethane	200 ug/m³ Air	<60	<60	<60	<60	<60	<60
1,1-Dichloroethane	200 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,1-Dichloroethene	100 ug/m³ Air	<70	<70	<70	<70	<70	<70
1,1-Dichloropropene	500 ug/m³ Air	<70	<70	<70	<70	<70	<70
1,2,3-Trichlorobenzene	1000 ug/m³ Air	<110	<110	<110	<110	<110	<110
1,2,3-Trichloropropane	500 ug/m³ Air	<110	<110	<110	<110	<110	<110
1,2,4-Trichlorobenzene	1000 ug/m³ Air	<120	<120	<120	<120	<120	<120
1,2,4-Trimethylbenzene	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,2-Dibromo-3-chloropropane	1000 ug/m³ Air	<290	<290	<290	<290	<290	<290
1,2-Dibromoethane	500 ug/m³ Air	<80	<80	<80	<80	<80	<80
1,2-Dichlorobenzene	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,2-Dichloroethane	200 ug/m³ Air	<60	<60	<60	<60	<60	<60
1,2-Dichloropropane	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,3,5-Trimethylbenzene	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,3-Dichlorobenzene	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,3-Dichloropropane	500 ug/m³ Air	<60	<60	<60	<60	<60	<60
1,4-Dichlorobenzene	500 ug/m³ Air	<60	<60	<60	<60	<60	<60
2,2-Dichloropropane	500 ug/m³ Air	<70	<70	<70	<70	<70	<70
2-Chlorotoluene	500 ug/m³ Air	<30	<30	<30	<30	<30	<30
4-Chlorotoluene	500 ug/m³ Air	<70	<70	<70	<70	<70	<70
Benzene	100 ug/m³ Air	<30	<30	<30	<30	<30	<30

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Gilbane		Project:	5030 Firestone Blvd. & 9301 Rayo Ave. South Gate
1655 Grant St. Floor 12		Project Number:	EST3064
Concord CA, 94520		Project Manager:	Rogerio Leong
SAMPLED:	15-Feb-17 to 16-Feb-17	**REPORTED:**	22-Feb-17 13:43
RECEIVED:	15-Feb-17 to 16-Feb-17		

LAB #		4B71501-13	4B71501-14	4B71501-15	4B71601-01	4B71601-02	4B71601-03
MATRIX	Minimum	Air	Air	Air	Air	Air	Air
SAMPLE ID	Reporting Limit	JW-SB/SG30-15 3PV	JW-SB/SG30-25 3PV	JW-SB/SG30-35 3PV	Equipment Blank	JW-SB/SG34-5 3PV	JW-SB/SG34-15 3PV
Volatile Organic Compounds (continued)							
Bromobenzene	500 ug/m³ Air	<40	<40	<40	<40	<40	<40
Bromochloromethane	500 ug/m³ Air	<90	<90	<90	<90	<90	<90
Bromodichloromethane	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
Bromoform	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
Bromomethane	500 ug/m³ Air	<150	<150	<150	<150	<150	<150
Carbon disulfide	500 ug/m³ Air	<40	<40	<40	<40	<40	<40
Carbon tetrachloride	100 ug/m³ Air	<50	<50	<50	<50	<50	<50
Chlorobenzene	500 ug/m³ Air	<20	<20	<20	<20	<20	<20
Chloroethane	200 ug/m³ Air	<70	<70	<70	<70	<70	<70
Chloroform	200 ug/m³ Air	<80	<80	<80	<80	<80	<80
Chloromethane	500 ug/m³ Air	<70	<70	<70	<70	<70	<70
cis-1,2-Dichloroethene	200 ug/m³ Air	<50	<50	1900	<50	<50	<50
cis-1,3-Dichloropropene	500 ug/m³ Air	<80	<80	<80	<80	<80	<80
Dibromochloromethane	500 ug/m³ Air	<80	<80	<80	<80	<80	<80
Dibromomethane	500 ug/m³ Air	<90	<90	<90	<90	<90	<90
Dichlorodifluoromethane	200 ug/m³ Air	<20	<20	<20	<20	<20	<20
Ethylbenzene	200 ug/m³ Air	<30	<30	<30	<30	<30	<30
Hexachlorobutadiene	1000 ug/m³ Air	<300	<300	<300	<300	<300	<300
Isopropylbenzene	500 ug/m³ Air	<60	<60	<60	<60	<60	<60
meta- and para-Xylenes	500 ug/m³ Air	<70	<70	<70	<70	<70	<70
Methylene Chloride	200 ug/m³ Air	<50	<50	<50	<50	<50	<50
Naphthalene	1000 ug/m³ Air	<170	<170	<170	<170	<170	<170
n-Butylbenzene	1000 ug/m³ Air	<350	<350	<350	<350	<350	<350
n-Propylbenzene	500 ug/m³ Air	<40	<40	<40	<40	<40	<40
ortho-Xylene	200 ug/m³ Air	<60	<60	<60	<60	<60	<60

Environmental Support Technologies

Laboratory Manager

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Analytical Results

Gilbane		Project:	5030 Firestone Blvd. & 9301 Rayo Ave. South Gate
1655 Grant St. Floor 12		Project Number:	EST3064
Concord CA, 94520		Project Manager:	Rogerio Leong
SAMPLED:	15-Feb-17 to 16-Feb-17	**REPORTED:**	22-Feb-17 13:43
RECEIVED:	15-Feb-17 to 16-Feb-17		

LAB #		4B71501-13	4B71501-14	4B71501-15	4B71601-01	4B71601-02	4B71601-03
MATRIX	Minimum	Air	Air	Air	Air	Air	Air
SAMPLE ID	Reporting Limit	JW-SB/SG30-15 3PV	JW-SB/SG30-25 3PV	JW-SB/SG30-35 3PV	Equipment Blank	JW-SB/SG34-5 3PV	JW-SB/SG34-15 3PV
Volatile Organic Compounds (continued)							
p-Isopropyltoluene	500 ug/m³ Air	<60	<60	<60	<60	<60	<60
sec-Butylbenzene	500 ug/m³ Air	<80	<80	<80	<80	<80	<80
Styrene	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
tert-Butylbenzene	500 ug/m³ Air	<80	<80	<80	<80	<80	<80
Tetrachloroethene	100 ug/m³ Air	120	<30	830	<30	740	<30
Toluene	500 ug/m³ Air	<40	<40	<40	<40	<40	<40
trans-1,2-Dichloroethene	200 ug/m³ Air	<50	<50	140 [1]	<50	<50	<50
trans-1,3-Dichloropropene	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
Trichloroethene	100 ug/m³ Air	910	990	7200	<40	<40	<40
Trichlorofluoromethane	200 ug/m³ Air	<50	<50	<50	<50	<50	<50
Vinyl Chloride	100 ug/m³ Air	<60	<60	<60	<60	<60	<60
2-Propanol	290 ug/m³ Air	<92	<92	<92	<92	<92	<92
Dibromofluoromethane	125 [surr]	99%	100%	99%	98%	100%	97%
Toluene-d8	125 [surr]	84%	84%	85%	87%	84%	86%
4-Bromofluorobenzene	125 [surr]	100%	100%	100%	98%	98%	97%
1,4-Dioxane	50000 ug/m³ Air	<16000	<16000	<16000	<16000	<16000	<16000

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Analytical Results

Gilbane		Project:	5030 Firestone Blvd. & 9301 Rayo Ave. South Gate
1655 Grant St. Floor 12		Project Number:	EST3064
Concord CA, 94520		Project Manager:	Rogerio Leong
SAMPLED:	15-Feb-17 to 16-Feb-17	**REPORTED:**	22-Feb-17 13:43
RECEIVED:	15-Feb-17 to 16-Feb-17		

LAB #		4B71601-04	4B71601-05	4B71601-06	4B71601-07	4B71601-08	4B71601-09
MATRIX	Minimum	Air	Air	Air	Air	Air	Air
SAMPLE ID	Reporting Limit	JW-SB/SG34-25 3PV	JW-SB/SG34-35 3PV	JW-SB/SG32-5 3PV	JW-SB/SG32-15 3PV	JW-SB/SG32-25 3PV	JW-SB/SG32-35 3PV
Volatile Organic Compounds (Air)							
1,1,1,2-Tetrachloroethane	200 ug/m³ Air	<60	<60	<60	<60	<60	<60
1,1,1-Trichloroethane	200 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,1,2,2-Tetrachloroethane	200 ug/m³ Air	<100	<100	<100	<100	<100	<100
1,1,2-Trichloroethane	200 ug/m³ Air	<80	<80	<80	<80	<80	<80
1,1,2-Trichloro-trifluoroethane	200 ug/m³ Air	<60	<60	<60	<60	<60	<60
1,1-Dichloroethane	200 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,1-Dichloroethene	100 ug/m³ Air	200	<70	<70	<70	<70	<70
1,1-Dichloropropene	500 ug/m³ Air	<70	<70	<70	<70	<70	<70
1,2,3-Trichlorobenzene	1000 ug/m³ Air	<110	<110	<110	<110	<110	<110
1,2,3-Trichloropropane	500 ug/m³ Air	<110	<110	<110	<110	<110	<110
1,2,4-Trichlorobenzene	1000 ug/m³ Air	<120	<120	<120	<120	<120	<120
1,2,4-Trimethylbenzene	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,2-Dibromo-3-chloropropane	1000 ug/m³ Air	<290	<290	<290	<290	<290	<290
1,2-Dibromoethane	500 ug/m³ Air	<80	<80	<80	<80	<80	<80
1,2-Dichlorobenzene	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,2-Dichloroethane	200 ug/m³ Air	<60	<60	<60	<60	<60	<60
1,2-Dichloropropane	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,3,5-Trimethylbenzene	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,3-Dichlorobenzene	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,3-Dichloropropane	500 ug/m³ Air	<60	<60	<60	<60	<60	<60
1,4-Dichlorobenzene	500 ug/m³ Air	<60	<60	<60	<60	<60	<60
2,2-Dichloropropane	500 ug/m³ Air	<70	<70	<70	<70	<70	<70
2-Chlorotoluene	500 ug/m³ Air	<30	<30	<30	<30	<30	<30
4-Chlorotoluene	500 ug/m³ Air	<70	<70	<70	<70	<70	<70
Benzene	100 ug/m³ Air	<30	<30	<30	<30	<30	<30

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Analytical Results

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1655 Grant St. Floor 12		Project Number:	EST3064
Concord CA, 94520		Project Manager:	Rogerio Leong
SAMPLED:	15-Feb-17 to 16-Feb-17	**REPORTED:**	22-Feb-17 13:43
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LAB #		4B71601-04	4B71601-05	4B71601-06	4B71601-07	4B71601-08	4B71601-09
MATRIX	Minimum	Air	Air	Air	Air	Air	Air
SAMPLE ID	Reporting Limit	JW-SB/SG34-25 3PV	JW-SB/SG34-35 3PV	JW-SB/SG32-5 3PV	JW-SB/SG32-15 3PV	JW-SB/SG32-25 3PV	JW-SB/SG32-35 3PV
Volatile Organic Compounds (continued)							
Bromobenzene	500 ug/m³ Air	<40	<40	<40	<40	<40	<40
Bromochloromethane	500 ug/m³ Air	<90	<90	<90	<90	<90	<90
Bromodichloromethane	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
Bromoform	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
Bromomethane	500 ug/m³ Air	<150	<150	<150	<150	<150	<150
Carbon disulfide	500 ug/m³ Air	<40	<40	<40	<40	<40	<40
Carbon tetrachloride	100 ug/m³ Air	<50	<50	<50	<50	<50	<50
Chlorobenzene	500 ug/m³ Air	<20	<20	<20	<20	<20	<20
Chloroethane	200 ug/m³ Air	<70	<70	<70	<70	<70	<70
Chloroform	200 ug/m³ Air	<80	<80	<80	<80	<80	<80
Chloromethane	500 ug/m³ Air	<70	<70	<70	<70	<70	<70
cis-1,2-Dichloroethene	200 ug/m³ Air	1200	860	<50	<50	<50	<50
cis-1,3-Dichloropropene	500 ug/m³ Air	<80	<80	<80	<80	<80	<80
Dibromochloromethane	500 ug/m³ Air	<80	<80	<80	<80	<80	<80
Dibromomethane	500 ug/m³ Air	<90	<90	<90	<90	<90	<90
Dichlorodifluoromethane	200 ug/m³ Air	<20	<20	<20	<20	<20	<20
Ethylbenzene	200 ug/m³ Air	<30	<30	<30	<30	<30	<30
Hexachlorobutadiene	1000 ug/m³ Air	<300	<300	<300	<300	<300	<300
Isopropylbenzene	500 ug/m³ Air	<60	<60	<60	<60	<60	<60
meta- and para-Xylenes	500 ug/m³ Air	<70	<70	<70	<70	100 [1]	<70
Methylene Chloride	200 ug/m³ Air	<50	<50	<50	<50	<50	<50
Naphthalene	1000 ug/m³ Air	<170	<170	<170	<170	<170	<170
n-Butylbenzene	1000 ug/m³ Air	<350	<350	<350	<350	<350	<350
n-Propylbenzene	500 ug/m³ Air	<40	<40	<40	<40	<40	<40
ortho-Xylene	200 ug/m³ Air	<60	<60	<60	<60	<60	<60

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LAB #		4B71601-04	4B71601-05	4B71601-06	4B71601-07	4B71601-08	4B71601-09
MATRIX	Minimum	Air	Air	Air	Air	Air	Air
SAMPLE ID	Reporting Limit	JW-SB/SG34-25 3PV	JW-SB/SG34-35 3PV	JW-SB/SG32-5 3PV	JW-SB/SG32-15 3PV	JW-SB/SG32-25 3PV	JW-SB/SG32-35 3PV
Volatile Organic Compounds (continued)							
p-Isopropyltoluene	500 ug/m³ Air	<60	<60	<60	<60	110 [1]	<60
sec-Butylbenzene	500 ug/m³ Air	<80	<80	<80	<80	<80	<80
Styrene	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
tert-Butylbenzene	500 ug/m³ Air	<80	<80	<80	<80	<80	<80
Tetrachloroethene	100 ug/m³ Air	100	5000	<30	160	<30	5800
Toluene	500 ug/m³ Air	550	<40	<40	<40	430 [1]	<40
trans-1,2-Dichloroethene	200 ug/m³ Air	170 [1]	<50	<50	<50	<50	<50
trans-1,3-Dichloropropene	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
Trichloroethene	100 ug/m³ Air	4300	4800	<40	<40	<40	5300
Trichlorofluoromethane	200 ug/m³ Air	<50	<50	<50	<50	<50	<50
Vinyl Chloride	100 ug/m³ Air	<60	<60	<60	<60	<60	<60
2-Propanol	290 ug/m³ Air	<92	<92	<92	<92	<92	<92
Dibromofluoromethane	125 [surr]	93%	94%	92%	94%	95%	91%
Toluene-d8	125 [surr]	88%	88%	87%	89%	86%	88%
4-Bromofluorobenzene	125 [surr]	96%	97%	97%	100%	97%	98%
1,4-Dioxane	50000 ug/m³ Air	<16000	<16000	<16000	<16000	<16000	<16000

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Analytical Results

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1655 Grant St. Floor 12		Project Number:	EST3064
Concord CA, 94520		Project Manager:	Rogerio Leong
SAMPLED:	15-Feb-17 to 16-Feb-17	**REPORTED:**	22-Feb-17 13:43
RECEIVED:	15-Feb-17 to 16-Feb-17		

LAB #		4B71601-10	4B71601-11	4B71601-12	4B71601-13	4B71601-14	4B71601-15
MATRIX	Minimum	Air	Air	Air	Air	Air	Air
SAMPLE ID	Reporting Limit	JW-SB/SG33-5 3PV	JW-SB/SG33-15 3PV	JW-SB/SG33-25 3PV	JW-SB/SG33-35 3PV	JW-SB/SG31-5 3PV	JW-SB/SG31-15 3PV
Volatile Organic Compounds (Air)							
1,1,1,2-Tetrachloroethane	200 ug/m³ Air	<60	<60	<60	<60	<60	<60
1,4-Dioxane	50000 ug/m³ Air	<16000	<16000	<16000	<16000	<16000	<16000
1,1,1-Trichloroethane	200 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,1,2,2-Tetrachloroethane	200 ug/m³ Air	<100	<100	<100	<100	<100	<100
1,1,2-Trichloroethane	200 ug/m³ Air	<80	<80	<80	<80	<80	<80
1,1,2-Trichloro-trifluoroethane	200 ug/m³ Air	<60	<60	<60	<60	<60	<60
1,1-Dichloroethane	200 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,1-Dichloroethene	100 ug/m³ Air	<70	<70	<70	<70	<70	<70
1,1-Dichloropropene	500 ug/m³ Air	<70	<70	<70	<70	<70	<70
1,2,3-Trichlorobenzene	1000 ug/m³ Air	<110	<110	<110	<110	<110	<110
1,2,3-Trichloropropane	500 ug/m³ Air	<110	<110	<110	<110	<110	<110
1,2,4-Trichlorobenzene	1000 ug/m³ Air	<120	<120	<120	<120	<120	<120
1,2,4-Trimethylbenzene	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,2-Dibromo-3-chloropropane	1000 ug/m³ Air	<290	<290	<290	<290	<290	<290
1,2-Dibromoethane	500 ug/m³ Air	<80	<80	<80	<80	<80	<80
1,2-Dichlorobenzene	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,2-Dichloroethane	200 ug/m³ Air	<60	<60	<60	<60	<60	<60
1,2-Dichloropropane	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,3,5-Trimethylbenzene	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,3-Dichlorobenzene	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
1,3-Dichloropropane	500 ug/m³ Air	<60	<60	<60	<60	<60	<60
1,4-Dichlorobenzene	500 ug/m³ Air	<60	<60	<60	<60	<60	<60
2,2-Dichloropropane	500 ug/m³ Air	<70	<70	<70	<70	<70	<70
2-Chlorotoluene	500 ug/m³ Air	<30	<30	<30	<30	<30	<30
4-Chlorotoluene	500 ug/m³ Air	<70	<70	<70	<70	<70	<70

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Analytical Results

Gilbane		Project:	5030 Firestone Blvd. & 9301 Rayo Ave. South Gate
1655 Grant St. Floor 12		Project Number:	EST3064
Concord CA, 94520		Project Manager:	Rogerio Leong
SAMPLED:	15-Feb-17 to 16-Feb-17	**REPORTED:**	22-Feb-17 13:43
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LAB #		4B71601-10	4B71601-11	4B71601-12	4B71601-13	4B71601-14	4B71601-15
MATRIX	Minimum	Air	Air	Air	Air	Air	Air
SAMPLE ID	Reporting Limit	JW-SB/SG33-5 3PV	JW-SB/SG33-15 3PV	JW-SB/SG33-25 3PV	JW-SB/SG33-35 3PV	JW-SB/SG31-5 3PV	JW-SB/SG31-15 3PV
Volatile Organic Compounds (continued)							
Benzene	100 ug/m³ Air	<30	<30	<30	<30	<30	<30
Bromobenzene	500 ug/m³ Air	<40	<40	<40	<40	<40	<40
Bromochloromethane	500 ug/m³ Air	<90	<90	<90	<90	<90	<90
Bromodichloromethane	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
Bromoform	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
Bromomethane	500 ug/m³ Air	<150	<150	<150	<150	<150	<150
Carbon disulfide	500 ug/m³ Air	<40	<40	<40	<40	<40	<40
Carbon tetrachloride	100 ug/m³ Air	<50	<50	<50	<50	<50	<50
Chlorobenzene	500 ug/m³ Air	<20	<20	<20	<20	<20	<20
Chloroethane	200 ug/m³ Air	<70	<70	<70	<70	<70	<70
Chloroform	200 ug/m³ Air	<80	<80	<80	<80	<80	<80
Chloromethane	500 ug/m³ Air	<70	<70	<70	<70	<70	<70
cis-1,2-Dichloroethene	200 ug/m³ Air	<50	<50	130 [1]	1900	<50	<50
cis-1,3-Dichloropropene	500 ug/m³ Air	<80	<80	<80	<80	<80	<80
Dibromochloromethane	500 ug/m³ Air	<80	<80	<80	<80	<80	<80
Dibromomethane	500 ug/m³ Air	<90	<90	<90	<90	<90	<90
Dichlorodifluoromethane	200 ug/m³ Air	<20	<20	<20	<20	<20	<20
Ethylbenzene	200 ug/m³ Air	<30	<30	<30	<30	<30	<30
Hexachlorobutadiene	1000 ug/m³ Air	<300	<300	<300	<300	<300	<300
Isopropylbenzene	500 ug/m³ Air	<60	<60	<60	<60	<60	<60
meta- and para-Xylenes	500 ug/m³ Air	<70	<70	<70	<70	<70	<70
Methylene Chloride	200 ug/m³ Air	<50	<50	<50	<50	<50	<50
Naphthalene	1000 ug/m³ Air	<170	<170	<170	<170	<170	<170
n-Butylbenzene	1000 ug/m³ Air	<350	<350	<350	<350	<350	<350
n-Propylbenzene	500 ug/m³ Air	<40	<40	<40	<40	<40	<40

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Gilbane		Project:	5030 Firestone Blvd. & 9301 Rayo Ave. South Gate
1655 Grant St. Floor 12		Project Number:	EST3064
Concord CA, 94520		Project Manager:	Rogerio Leong
SAMPLED:	15-Feb-17 to 16-Feb-17	**REPORTED:**	22-Feb-17 13:43
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LAB #		4B71601-10	4B71601-11	4B71601-12	4B71601-13	4B71601-14	4B71601-15
MATRIX	Minimum	Air	Air	Air	Air	Air	Air
SAMPLE ID	Reporting Limit	JW-SB/SG33-5 3PV	JW-SB/SG33-15 3PV	JW-SB/SG33-25 3PV	JW-SB/SG33-35 3PV	JW-SB/SG31-5 3PV	JW-SB/SG31-15 3PV
Volatile Organic Compounds (continued)							
ortho-Xylene	200 ug/m³ Air	<60	<60	<60	<60	<60	<60
p-Isopropyltoluene	500 ug/m³ Air	<60	<60	<60	<60	<60	<60
sec-Butylbenzene	500 ug/m³ Air	<80	<80	<80	<80	<80	<80
Styrene	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
tert-Butylbenzene	500 ug/m³ Air	<80	<80	<80	<80	<80	<80
Tetrachloroethene	100 ug/m³ Air	380	440	<30	7800	740	600
Toluene	500 ug/m³ Air	<40	<40	<40	<40	<40	<40
trans-1,2-Dichloroethene	200 ug/m³ Air	<50	<50	<50	170 [1]	<50	<50
trans-1,3-Dichloropropene	500 ug/m³ Air	<50	<50	<50	<50	<50	<50
Trichloroethene	100 ug/m³ Air	550	1900	4100	20000	790	2800
Trichlorofluoromethane	200 ug/m³ Air	<50	<50	<50	<50	<50	<50
Vinyl Chloride	100 ug/m³ Air	<60	<60	<60	<60	<60	<60
2-Propanol	290 ug/m³ Air	<92	<92	<92	<92	<92	<92
Dibromofluoromethane	125 [surr]	93%	96%	97%	98%	97%	99%
Toluene-d8	125 [surr]	86%	87%	86%	86%	91%	85%
4-Bromofluorobenzene	125 [surr]	98%	98%	99%	97%	100%	98%

Environmental Support Technologies

Laboratory Manager

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16510 Aston Street
Irvine, CA 92606
Phone: 949-679-9500
Fax: 949-679-9501

Analytical Results

Gilbane		Project:	5030 Firestone Blvd. & 9301 Rayo Ave. South Gate
1655 Grant St. Floor 12		Project Number:	EST3064
Concord CA, 94520		Project Manager:	Rogerio Leong
SAMPLED:	15-Feb-17 to 16-Feb-17	**REPORTED:**	22-Feb-17 13:43
RECEIVED:	15-Feb-17 to 16-Feb-17		

LAB #		4B71601-16	4B71601-17	-	-	-	-
MATRIX	Minimum	Air	Air	-	-	-	-
SAMPLE ID	Reporting Limit	JW-SB/SG31-25 3PV	JW-SB/SG31-35 3PV	-	-	-	-
Volatile Organic Compounds (Air)							
1,1,1,2-Tetrachloroethane	200 ug/m³ Air	<60	<60	-	-	-	-
1,4-Dioxane	50000 ug/m³ Air	<16000	<16000	-	-	-	-
1,1,1-Trichloroethane	200 ug/m³ Air	<50	<50	-	-	-	-
1,1,2,2-Tetrachloroethane	200 ug/m³ Air	<100	<100	-	-	-	-
1,1,2-Trichloroethane	200 ug/m³ Air	<80	<80	-	-	-	-
1,1,2-Trichloro-trifluoroethane	200 ug/m³ Air	<60	<60	-	-	-	-
1,1-Dichloroethane	200 ug/m³ Air	<50	<50	-	-	-	-
1,1-Dichloroethene	100 ug/m³ Air	<70	<70	-	-	-	-
1,1-Dichloropropene	500 ug/m³ Air	<70	<70	-	-	-	-
1,2,3-Trichlorobenzene	1000 ug/m³ Air	<110	<110	-	-	-	-
1,2,3-Trichloropropane	500 ug/m³ Air	<110	<110	-	-	-	-
1,2,4-Trichlorobenzene	1000 ug/m³ Air	<120	<120	-	-	-	-
1,2,4-Trimethylbenzene	500 ug/m³ Air	<50	<50	-	-	-	-
1,2-Dibromo-3-chloropropane	1000 ug/m³ Air	<290	<290	-	-	-	-
1,2-Dibromoethane	500 ug/m³ Air	<80	<80	-	-	-	-
1,2-Dichlorobenzene	500 ug/m³ Air	<50	<50	-	-	-	-
1,2-Dichloroethane	200 ug/m³ Air	<60	<60	-	-	-	-
1,2-Dichloropropane	500 ug/m³ Air	<50	<50	-	-	-	-
1,3,5-Trimethylbenzene	500 ug/m³ Air	<50	<50	-	-	-	-
1,3-Dichlorobenzene	500 ug/m³ Air	<50	<50	-	-	-	-
1,3-Dichloropropane	500 ug/m³ Air	<60	<60	-	-	-	-
1,4-Dichlorobenzene	500 ug/m³ Air	<60	<60	-	-	-	-
2,2-Dichloropropane	500 ug/m³ Air	<70	<70	-	-	-	-
2-Chlorotoluene	500 ug/m³ Air	<30	<30	-	-	-	-
4-Chlorotoluene	500 ug/m³ Air	<70	<70	-	-	-	-

Environmental Support Technologies

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Analytical Results

Gilbane		Project:	5030 Firestone Blvd. & 9301 Rayo Ave. South Gate
1655 Grant St. Floor 12		Project Number:	EST3064
Concord CA, 94520		Project Manager:	Rogerio Leong
SAMPLED:	15-Feb-17 to 16-Feb-17	**REPORTED:**	22-Feb-17 13:43
RECEIVED:	15-Feb-17 to 16-Feb-17		

LAB #		4B71601-16	4B71601-17	-	-	-	-
MATRIX	Minimum	Air	Air	-	-	-	-
SAMPLE ID	Reporting Limit	JW-SB/SG31-25 3PV	JW-SB/SG31-35 3PV	-	-	-	-
Volatile Organic Compounds (continued)							
Benzene	100 ug/m³ Air	<30	<30	-	-	-	-
Bromobenzene	500 ug/m³ Air	<40	<40	-	-	-	-
Bromochloromethane	500 ug/m³ Air	<90	<90	-	-	-	-
Bromodichloromethane	500 ug/m³ Air	<50	<50	-	-	-	-
Bromoform	500 ug/m³ Air	<50	<50	-	-	-	-
Bromomethane	500 ug/m³ Air	<150	<150	-	-	-	-
Carbon disulfide	500 ug/m³ Air	<40	<40	-	-	-	-
Carbon tetrachloride	100 ug/m³ Air	<50	<50	-	-	-	-
Chlorobenzene	500 ug/m³ Air	<20	<20	-	-	-	-
Chloroethane	200 ug/m³ Air	<70	<70	-	-	-	-
Chloroform	200 ug/m³ Air	<80	<80	-	-	-	-
Chloromethane	500 ug/m³ Air	<70	<70	-	-	-	-
cis-1,2-Dichloroethene	200 ug/m³ Air	<50	1300	-	-	-	-
cis-1,3-Dichloropropene	500 ug/m³ Air	<80	<80	-	-	-	-
Dibromochloromethane	500 ug/m³ Air	<80	<80	-	-	-	-
Dibromomethane	500 ug/m³ Air	<90	<90	-	-	-	-
Dichlorodifluoromethane	200 ug/m³ Air	<20	<20	-	-	-	-
Ethylbenzene	200 ug/m³ Air	<30	<30	-	-	-	-
Hexachlorobutadiene	1000 ug/m³ Air	<300	<300	-	-	-	-
Isopropylbenzene	500 ug/m³ Air	<60	<60	-	-	-	-
meta- and para-Xylenes	500 ug/m³ Air	<70	<70	-	-	-	-
Methylene Chloride	200 ug/m³ Air	<50	<50	-	-	-	-
Naphthalene	1000 ug/m³ Air	<170	<170	-	-	-	-
n-Butylbenzene	1000 ug/m³ Air	<350	<350	-	-	-	-
n-Propylbenzene	500 ug/m³ Air	<40	<40	-	-	-	-

Environmental Support Technologies

Laboratory Manager

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Analytical Results

Gilbane		Project:	5030 Firestone Blvd. & 9301 Rayo Ave. South Gate
1655 Grant St. Floor 12		Project Number:	EST3064
Concord CA, 94520		Project Manager:	Rogerio Leong
SAMPLED:	15-Feb-17 to 16-Feb-17	**REPORTED:**	22-Feb-17 13:43
RECEIVED:	15-Feb-17 to 16-Feb-17		

LAB #		4B71601-16	4B71601-17	-	-	-	-
MATRIX	Minimum	Air	Air	-	-	-	-
SAMPLE ID	Reporting Limit	JW-SB/SG31-25 3PV	JW-SB/SG31-35 3PV	-	-	-	-
Volatile Organic Compounds (continued)							
ortho-Xylene	200 ug/m³ Air	<60	<60	-	-	-	-
p-Isopropyltoluene	500 ug/m³ Air	<60	<60	-	-	-	-
sec-Butylbenzene	500 ug/m³ Air	<80	<80	-	-	-	-
Styrene	500 ug/m³ Air	<50	<50	-	-	-	-
tert-Butylbenzene	500 ug/m³ Air	<80	<80	-	-	-	-
Tetrachloroethene	100 ug/m³ Air	<30	9300	-	-	-	-
Toluene	500 ug/m³ Air	<40	<40	-	-	-	-
trans-1,2-Dichloroethene	200 ug/m³ Air	<50	130 [1]	-	-	-	-
trans-1,3-Dichloropropene	500 ug/m³ Air	<50	<50	-	-	-	-
Trichloroethene	100 ug/m³ Air	4500	19000	-	-	-	-
Trichlorofluoromethane	200 ug/m³ Air	<50	<50	-	-	-	-
Vinyl Chloride	100 ug/m³ Air	<60	<60	-	-	-	-
2-Propanol	290 ug/m³ Air	<92	<92	-	-	-	-
Dibromofluoromethane	125 [surr]	97%	97%	-	-	-	-
Toluene-d8	125 [surr]	87%	85%	-	-	-	-
4-Bromofluorobenzene	125 [surr]	98%	99%	-	-	-	-

Special Notes

1 = Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

Environmental Support Technologies

Laboratory Manager

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Gilbane 1655 Grant St. Floor 12 Concord, CA 94520	Project: 5030 Firestone Blvd. & 9301 Rayo Ave. South Gate Project Number: EST3064 Project Manager: Rogerio Leong	**Reported:** 20-Feb-17 16:06

Volatile Organic Compounds - Quality Control

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 47B1501 - Volatiles										
Blank (47B1501-BLK1)				Prepared & Analyzed: 02/15/17						
1,1,1,2-Tetrachloroethane	ND	200	ug/m³ Air							
1,4-Dioxane	17600	50000	"							J
1,1,1-Trichloroethane	ND	200	"							
1,1,2,2-Tetrachloroethane	ND	200	"							
1,1,2-Trichloroethane	ND	200	"							
1,1,2-Trichloro-trifluoroethane	ND	200	"							
1,1-Dichloroethane	ND	200	"							
1,1-Dichloroethene	ND	100	"							
1,1-Dichloropropene	ND	500	"							
1,2,3-Trichlorobenzene	ND	1000	"							
1,2,3-Trichloropropane	ND	500	"							
1,2,4-Trichlorobenzene	ND	1000	"							
1,2,4-Trimethylbenzene	ND	500	"							
1,2-Dibromo-3-chloropropane	ND	1000	"							
1,2-Dibromoethane	ND	500	"							
1,2-Dichlorobenzene	ND	500	"							
1,2-Dichloroethane	ND	200	"							
1,2-Dichloropropane	ND	500	"							
1,3,5-Trimethylbenzene	ND	500	"							
1,3-Dichlorobenzene	ND	500	"							
1,3-Dichloropropane	ND	500	"							
1,4-Dichlorobenzene	ND	500	"							
2,2-Dichloropropane	ND	500	"							
2-Chlorotoluene	ND	500	"							
4-Chlorotoluene	ND	500	"							
Benzene	ND	100	"							
Bromobenzene	ND	500	"							
Bromochloromethane	ND	500	"							
Bromodichloromethane	ND	500	"							
Bromoform	ND	500	"							
Bromomethane	ND	500	"							
Carbon disulfide	ND	500	"							
Carbon tetrachloride	ND	100	"							

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Volatile Organic Compounds - Quality Control

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 47B1501 - Volatiles										
Blank (47B1501-BLK1)				Prepared & Analyzed: 02/15/17						
Chlorobenzene	ND	500	ug/m³ Air							
Chloroethane	ND	200	"							
Chloroform	ND	200	"							
Chloromethane	ND	500	"							
cis-1,2-Dichloroethene	ND	200	"							
cis-1,3-Dichloropropene	ND	500	"							
Dibromochloromethane	ND	500	"							
Dibromomethane	ND	500	"							
Dichlorodifluoromethane	ND	200	"							
Ethylbenzene	ND	200	"							
Hexachlorobutadiene	ND	1000	"							
Isopropylbenzene	ND	500	"							
meta- and para-Xylenes	ND	500	"							
Methylene Chloride	ND	200	"							
Naphthalene	ND	1000	"							
n-Butylbenzene	ND	1000	"							
n-Propylbenzene	ND	500	"							
ortho-Xylene	ND	200	"							
p-Isopropyltoluene	ND	500	"							
sec-Butylbenzene	ND	500	"							
Styrene	ND	500	"							
tert-Butylbenzene	ND	500	"							
Tetrachloroethene	ND	100	"							
Toluene	ND	500	"							
trans-1,2-Dichloroethene	ND	200	"							
trans-1,3-Dichloropropene	ND	500	"							
Trichloroethene	ND	100	"							
Trichlorofluoromethane	ND	200	"							
Vinyl Chloride	ND	100	"							
2-Propanol	ND	290	"							
Surrogate: Dibromofluoromethane	*12100*		*"*	*12500*		*96.5*	*75-125*			
Surrogate: Toluene-d8	*10600*		*"*	*12500*		*84.4*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*12100*		*"*	*12500*		*96.5*	*75-125*			

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Gilbane 1655 Grant St. Floor 12 Concord, CA 94520	Project: 5030 Firestone Blvd. & 9301 Rayo Ave. South Gate Project Number: EST3064 Project Manager: Rogerio Leong	**Reported:** 20-Feb-17 16:06

Volatile Organic Compounds - Quality Control

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 47B1501 - Volatiles										
LCS (47B1501-BS1)				Prepared & Analyzed: 02/15/17						
1,1,1,2-Tetrachloroethane	13200	200	ug/m³ Air	12500		105	75-136			
1,1,1-Trichloroethane	12600	200	"	12500		101	73-134			
1,1,2,2-Tetrachloroethane	12100	200	"	12500		97.1	56-149			
1,1,2-Trichloroethane	13000	200	"	12500		104	67-137			
1,1,2-Trichloro-trifluoroethane	12400	200	"	12500		99.4	83-125			
1,1-Dichloroethane	13000	200	"	12500		104	80-121			
1,1-Dichloroethene	12900	100	"	12500		103	73-137			
1,1-Dichloropropene	12400	500	"	12500		99.4	77-122			
1,2,3-Trichlorobenzene	12400	1000	"	12500		99.1	67-133			
1,2,3-Trichloropropane	13100	500	"	12500		105	56-145			
1,2,4-Trichlorobenzene	13000	1000	"	12500		104	71-135			
1,2,4-Trimethylbenzene	12600	500	"	12500		101	76-120			
1,2-Dibromo-3-chloropropane	12800	1000	"	12500		102	43-158			
1,2-Dibromoethane	12400	500	"	12500		99.1	80-123			
1,2-Dichlorobenzene	12200	500	"	12500		97.2	67-139			
1,2-Dichloroethane	12600	200	"	12500		101	70-131			
1,2-Dichloropropane	12500	500	"	12500		99.8	62-144			
1,3,5-Trimethylbenzene	12400	500	"	12500		99.4	78-125			
1,3-Dichlorobenzene	13100	500	"	12500		105	82-120			
1,3-Dichloropropane	13000	500	"	12500		104	61-145			
1,4-Dichlorobenzene	12800	500	"	12500		103	84-120			
2,2-Dichloropropane	13400	500	"	12500		107	76-134			
2-Chlorotoluene	12100	500	"	12500		96.8	69-127			
4-Chlorotoluene	12300	500	"	12500		98.1	70-127			
Benzene	12300	100	"	12500		98.7	79-118			
Bromobenzene	12800	500	"	12500		102	69-140			
Bromochloromethane	12600	500	"	12500		101	61-141			
Bromodichloromethane	13300	500	"	12500		107	67-137			
Bromoform	13200	500	"	12500		105	57-152			
Bromomethane	12300	500	"	12500		98.1	51-148			
Carbon disulfide	12700	500	"	12500		102	61-140			
Carbon tetrachloride	12000	100	"	12500		96.4	74-143			
Chlorobenzene	12900	500	"	12500		103	67-140			

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Gilbane 1655 Grant St. Floor 12 Concord, CA 94520	Project: 5030 Firestone Blvd. & 9301 Rayo Ave. South Gate Project Number: EST3064 Project Manager: Rogerio Leong	**Reported:** 20-Feb-17 16:06

Volatile Organic Compounds - Quality Control

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 47B1501 - Volatiles										
LCS (47B1501-BS1)				Prepared & Analyzed: 02/15/17						
Chloroethane	12800	200	ug/m³ Air	12500		102	60-137			
Chloroform	13000	200	"	12500		104	82-125			
Chloromethane	12900	500	"	12500		103	58-139			
cis-1,2-Dichloroethene	12700	200	"	12500		102	85-125			
cis-1,3-Dichloropropene	13200	500	"	12500		105	66-142			
Dibromochloromethane	12800	500	"	12500		103	61-140			
Dibromomethane	12500	500	"	12500		99.9	66-143			
Dichlorodifluoromethane	12500	200	"	12500		100	47-129			
Ethylbenzene	12500	200	"	12500		100	83-115			
Hexachlorobutadiene	13000	1000	"	12500		104	71-145			
Isopropylbenzene	12800	500	"	12500		103	85-116			
meta- and para-Xylenes	24500	500	"	25000		98.1	83-115			
Methylene Chloride	13200	200	"	12500		105	81-126			
Naphthalene	13000	1000	"	12500		104	56-136			
n-Butylbenzene	12300	1000	"	12500		98.6	60-149			
n-Propylbenzene	13000	500	"	12500		104	77-129			
ortho-Xylene	12200	200	"	12500		97.8	85-115			
p-Isopropyltoluene	12400	500	"	12500		98.8	63-144			
sec-Butylbenzene	12300	500	"	12500		98.1	70-128			
Styrene	12700	500	"	12500		101	65-142			
tert-Butylbenzene	13000	500	"	12500		104	70-128			
Tetrachloroethene	13000	100	"	12500		104	66-144			
Toluene	12600	500	"	12500		101	70-115			
trans-1,2-Dichloroethene	12600	200	"	12500		101	72-133			
trans-1,3-Dichloropropene	13200	500	"	12500		106	68-140			
Trichloroethene	12800	100	"	12500		102	68-132			
Trichlorofluoromethane	12400	200	"	12500		98.8	62-144			
Vinyl Chloride	13100	100	"	12500		105	66-137			
Surrogate: Dibromofluoromethane	*12000*		*"*	*12500*		*96.2*	*75-125*			
Surrogate: Toluene-d8	*12000*		*"*	*12500*		*96.4*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*12100*		*"*	*12500*		*96.6*	*75-125*			

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Gilbane 1655 Grant St. Floor 12 Concord, CA 94520	Project: 5030 Firestone Blvd. & 9301 Rayo Ave. South Gate Project Number: EST3064 Project Manager: Rogerio Leong	**Reported:** 20-Feb-17 16:06

Volatile Organic Compounds - Quality Control

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 47B1501 - Volatiles										
LCS (47B1501-BS2)				Prepared & Analyzed: 02/15/17						
1,4-Dioxane	240000	50000	ug/m³ Air	250000		96.0	70-130			
Duplicate (47B1501-DUP1)		**Source: 4B71501-03**		Prepared & Analyzed: 02/15/17						
1,4-Dioxane	ND	50000	ug/m³ Air		ND				50	
1,1,1,2-Tetrachloroethane	ND	200	"		ND				50	
1,1,1-Trichloroethane	ND	200	"		ND				50	
1,1,2,2-Tetrachloroethane	ND	200	"		ND				50	
1,1,2-Trichloroethane	ND	200	"		ND				50	
1,1,2-Trichloro-trifluoroethane	ND	200	"		ND				50	
1,1-Dichloroethane	ND	200	"		ND				50	
1,1-Dichloroethene	ND	100	"		ND				50	
1,1-Dichloropropene	ND	500	"		ND				50	
1,2,3-Trichlorobenzene	ND	1000	"		ND				50	
1,2,3-Trichloropropane	ND	500	"		ND				50	
1,2,4-Trichlorobenzene	ND	1000	"		ND				50	
1,2,4-Trimethylbenzene	ND	500	"		ND				50	
1,2-Dibromo-3-chloropropane	ND	1000	"		ND				50	
1,2-Dibromoethane	ND	500	"		ND				50	
1,2-Dichlorobenzene	ND	500	"		ND				50	
1,2-Dichloroethane	ND	200	"		ND				50	
1,2-Dichloropropane	ND	500	"		ND				50	
1,3,5-Trimethylbenzene	ND	500	"		ND				50	
1,3-Dichlorobenzene	ND	500	"		ND				50	
1,3-Dichloropropane	ND	500	"		ND				50	
1,4-Dichlorobenzene	ND	500	"		ND				50	
2,2-Dichloropropane	ND	500	"		ND				50	
2-Chlorotoluene	ND	500	"		ND				50	
4-Chlorotoluene	ND	500	"		ND				50	
Benzene	ND	100	"		ND				50	
Bromobenzene	ND	500	"		ND				50	
Bromochloromethane	ND	500	"		ND				50	
Bromodichloromethane	ND	500	"		ND				50	
Bromoform	ND	500	"		ND				50	
Bromomethane	ND	500	"		ND				50	

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Gilbane 1655 Grant St. Floor 12 Concord, CA 94520	Project: 5030 Firestone Blvd. & 9301 Rayo Ave. South Gate Project Number: EST3064 Project Manager: Rogerio Leong	**Reported:** 20-Feb-17 16:06

Volatile Organic Compounds - Quality Control

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 47B1501 - Volatiles										
Duplicate (47B1501-DUP1)		**Source: 4B71501-03**		Prepared & Analyzed: 02/15/17						
Carbon disulfide	ND	500	ug/m³ Air		ND				50	
Carbon tetrachloride	ND	100	"		ND				50	
Chlorobenzene	ND	500	"		ND				50	
Chloroethane	ND	200	"		ND				50	
Chloroform	ND	200	"		ND				50	
Chloromethane	ND	500	"		ND				50	
cis-1,2-Dichloroethene	ND	200	"		ND				50	
cis-1,3-Dichloropropene	ND	500	"		ND				50	
Dibromochloromethane	ND	500	"		ND				50	
Dibromomethane	ND	500	"		ND				50	
Dichlorodifluoromethane	ND	200	"		ND				50	
Ethylbenzene	ND	200	"		ND				50	
Hexachlorobutadiene	ND	1000	"		ND				50	
Isopropylbenzene	ND	500	"		ND				50	
meta- and para-Xylenes	ND	500	"		ND				50	
Methylene Chloride	ND	200	"		ND				50	
Naphthalene	ND	1000	"		ND				50	
n-Butylbenzene	ND	1000	"		ND				50	
n-Propylbenzene	ND	500	"		ND				50	
ortho-Xylene	ND	200	"		ND				50	
p-Isopropyltoluene	ND	500	"		ND				50	
sec-Butylbenzene	ND	500	"		ND				50	
Styrene	ND	500	"		ND				50	
tert-Butylbenzene	ND	500	"		ND				50	
Tetrachloroethene	ND	100	"		ND				50	
Toluene	ND	500	"		ND				50	
trans-1,2-Dichloroethene	ND	200	"		ND				50	
trans-1,3-Dichloropropene	ND	500	"		ND				50	
Trichloroethene	ND	100	"		ND				50	
Trichlorofluoromethane	ND	200	"		ND				50	
Vinyl Chloride	ND	100	"		ND				50	
2-Propanol	ND	290	"		ND				200	
Surrogate: Dibromofluoromethane	*12600*		*"*	*12500*		*100*	*75-125*			

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Gilbane 1655 Grant St. Floor 12 Concord, CA 94520	Project: 5030 Firestone Blvd. & 9301 Rayo Ave. South Gate Project Number: EST3064 Project Manager: Rogerio Leong	**Reported:** 20-Feb-17 16:06

Volatile Organic Compounds - Quality Control

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 47B1501 - Volatiles										
Duplicate (47B1501-DUP1)		**Source: 4B71501-03**		Prepared & Analyzed: 02/15/17						
Surrogate: Toluene-d8	*10700*		*ug/m³ Air*	*12500*		*85.4*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*12500*		*"*	*12500*		*100*	*75-125*			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Notes and Definitions

J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Gilbane 1655 Grant St. Floor 12 Concord, CA 94520	Project: 5030 Firestone Blvd. & 9301 Rayo Ave. South Gate Project Number: EST3064 Project Manager: Rogerio Leong	**Reported:** 20-Feb-17 16:27

Volatile Organic Compounds - Quality Control

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 47B1601 - Volatiles										
Blank (47B1601-BLK1)				Prepared & Analyzed: 02/16/17						
1,1,1,2-Tetrachloroethane	ND	200	ug/m³ Air							
1,4-Dioxane	ND	50000	"							
1,1,1-Trichloroethane	ND	200	"							
1,1,2,2-Tetrachloroethane	ND	200	"							
1,1,2-Trichloroethane	ND	200	"							
1,1,2-Trichloro-trifluoroethane	ND	200	"							
1,1-Dichloroethane	ND	200	"							
1,1-Dichloroethene	ND	100	"							
1,1-Dichloropropene	ND	500	"							
1,2,3-Trichlorobenzene	ND	1000	"							
1,2,3-Trichloropropane	ND	500	"							
1,2,4-Trichlorobenzene	ND	1000	"							
1,2,4-Trimethylbenzene	ND	500	"							
1,2-Dibromo-3-chloropropane	ND	1000	"							
1,2-Dibromoethane	ND	500	"							
1,2-Dichlorobenzene	ND	500	"							
1,2-Dichloroethane	ND	200	"							
1,2-Dichloropropane	ND	500	"							
1,3,5-Trimethylbenzene	ND	500	"							
1,3-Dichlorobenzene	ND	500	"							
1,3-Dichloropropane	ND	500	"							
1,4-Dichlorobenzene	ND	500	"							
2,2-Dichloropropane	ND	500	"							
2-Chlorotoluene	ND	500	"							
4-Chlorotoluene	ND	500	"							
Benzene	ND	100	"							
Bromobenzene	ND	500	"							
Bromochloromethane	ND	500	"							
Bromodichloromethane	ND	500	"							
Bromoform	ND	500	"							
Bromomethane	ND	500	"							
Carbon disulfide	ND	500	"							
Carbon tetrachloride	ND	100	"							

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Gilbane 1655 Grant St. Floor 12 Concord, CA 94520	Project: 5030 Firestone Blvd. & 9301 Rayo Ave. South Gate Project Number: EST3064 Project Manager: Rogerio Leong	**Reported:** 20-Feb-17 16:27

Volatile Organic Compounds - Quality Control

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 47B1601 - Volatiles										
Blank (47B1601-BLK1)				Prepared & Analyzed: 02/16/17						
Chlorobenzene	ND	500	ug/m³ Air							
Chloroethane	ND	200	"							
Chloroform	ND	200	"							
Chloromethane	ND	500	"							
cis-1,2-Dichloroethene	ND	200	"							
cis-1,3-Dichloropropene	ND	500	"							
Dibromochloromethane	ND	500	"							
Dibromomethane	ND	500	"							
Dichlorodifluoromethane	ND	200	"							
Ethylbenzene	ND	200	"							
Hexachlorobutadiene	ND	1000	"							
Isopropylbenzene	ND	500	"							
meta- and para-Xylenes	ND	500	"							
Methylene Chloride	ND	200	"							
Naphthalene	ND	1000	"							
n-Butylbenzene	ND	1000	"							
n-Propylbenzene	ND	500	"							
ortho-Xylene	ND	200	"							
p-Isopropyltoluene	ND	500	"							
sec-Butylbenzene	ND	500	"							
Styrene	ND	500	"							
tert-Butylbenzene	ND	500	"							
Tetrachloroethene	ND	100	"							
Toluene	ND	500	"							
trans-1,2-Dichloroethene	ND	200	"							
trans-1,3-Dichloropropene	ND	500	"							
Trichloroethene	ND	100	"							
Trichlorofluoromethane	ND	200	"							
Vinyl Chloride	ND	100	"							
2-Propanol	ND	290	"							
Surrogate: Dibromofluoromethane	*12100*		*"*	*12500*		*96.9*	*75-125*			
Surrogate: Toluene-d8	*10700*		*"*	*12500*		*85.8*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*12200*		*"*	*12500*		*97.2*	*75-125*			

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Gilbane 1655 Grant St. Floor 12 Concord, CA 94520	Project: 5030 Firestone Blvd. & 9301 Rayo Ave. South Gate Project Number: EST3064 Project Manager: Rogerio Leong	**Reported:** 20-Feb-17 16:27

Volatile Organic Compounds - Quality Control

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 47B1601 - Volatiles										
LCS (47B1601-BS1)				Prepared & Analyzed: 02/16/17						
1,1,1,2-Tetrachloroethane	12800	200	ug/m³ Air	12500		102	75-136			
1,1,1-Trichloroethane	12200	200	"	12500		97.4	73-134			
1,1,2,2-Tetrachloroethane	12300	200	"	12500		98.6	56-149			
1,1,2-Trichloroethane	13000	200	"	12500		104	67-137			
1,1,2-Trichloro-trifluoroethane	13000	200	"	12500		104	83-125			
1,1-Dichloroethane	12700	200	"	12500		102	80-121			
1,1-Dichloroethene	13200	100	"	12500		105	73-137			
1,1-Dichloropropene	13000	500	"	12500		104	77-122			
1,2,3-Trichlorobenzene	12200	1000	"	12500		97.4	67-133			
1,2,3-Trichloropropane	12100	500	"	12500		96.6	56-145			
1,2,4-Trichlorobenzene	12200	1000	"	12500		97.8	71-135			
1,2,4-Trimethylbenzene	13100	500	"	12500		105	76-120			
1,2-Dibromo-3-chloropropane	12100	1000	"	12500		96.6	43-158			
1,2-Dibromoethane	13100	500	"	12500		105	80-123			
1,2-Dichlorobenzene	12400	500	"	12500		99.3	67-139			
1,2-Dichloroethane	12600	200	"	12500		101	70-131			
1,2-Dichloropropane	13200	500	"	12500		105	62-144			
1,3,5-Trimethylbenzene	12700	500	"	12500		102	78-125			
1,3-Dichlorobenzene	12700	500	"	12500		101	82-120			
1,3-Dichloropropane	12600	500	"	12500		101	61-145			
1,4-Dichlorobenzene	12800	500	"	12500		102	84-120			
2,2-Dichloropropane	12400	500	"	12500		98.8	76-134			
2-Chlorotoluene	12200	500	"	12500		97.2	69-127			
4-Chlorotoluene	12900	500	"	12500		103	70-127			
Benzene	12600	100	"	12500		101	79-118			
Bromobenzene	13000	500	"	12500		104	69-140			
Bromochloromethane	13100	500	"	12500		104	61-141			
Bromodichloromethane	13100	500	"	12500		105	67-137			
Bromoform	12900	500	"	12500		103	57-152			
Bromomethane	11800	500	"	12500		94.2	51-148			
Carbon disulfide	12900	500	"	12500		103	61-140			
Carbon tetrachloride	12500	100	"	12500		100	74-143			
Chlorobenzene	12200	500	"	12500		97.9	67-140			

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Gilbane 1655 Grant St. Floor 12 Concord, CA 94520	Project: 5030 Firestone Blvd. & 9301 Rayo Ave. South Gate Project Number: EST3064 Project Manager: Rogerio Leong	**Reported:** 20-Feb-17 16:27

Volatile Organic Compounds - Quality Control

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 47B1601 - Volatiles										
LCS (47B1601-BS1)				Prepared & Analyzed: 02/16/17						
Chloroethane	12800	200	ug/m³ Air	12500		103	60-137			
Chloroform	12200	200	"	12500		97.7	82-125			
Chloromethane	13300	500	"	12500		107	58-139			
cis-1,2-Dichloroethene	13000	200	"	12500		104	85-125			
cis-1,3-Dichloropropene	13200	500	"	12500		105	66-142			
Dibromochloromethane	13100	500	"	12500		105	61-140			
Dibromomethane	12400	500	"	12500		99.4	66-143			
Dichlorodifluoromethane	12500	200	"	12500		100	47-129			
Ethylbenzene	12900	200	"	12500		104	83-115			
Hexachlorobutadiene	12300	1000	"	12500		98.2	71-145			
Isopropylbenzene	13100	500	"	12500		104	85-116			
meta- and para-Xylenes	26000	500	"	25000		104	83-115			
Methylene Chloride	12200	200	"	12500		98.0	81-126			
Naphthalene	12800	1000	"	12500		103	56-136			
n-Butylbenzene	12400	1000	"	12500		99.3	60-149			
n-Propylbenzene	12300	500	"	12500		98.4	77-129			
ortho-Xylene	13100	200	"	12500		104	85-115			
p-Isopropyltoluene	12500	500	"	12500		100	63-144			
sec-Butylbenzene	12400	500	"	12500		99.6	70-128			
Styrene	12000	500	"	12500		96.0	65-142			
tert-Butylbenzene	12500	500	"	12500		99.9	70-128			
Tetrachloroethene	12700	100	"	12500		102	66-144			
Toluene	13200	500	"	12500		105	70-115			
trans-1,2-Dichloroethene	13100	200	"	12500		105	72-133			
trans-1,3-Dichloropropene	11600	500	"	12500		92.9	68-140			
Trichloroethene	12900	100	"	12500		103	68-132			
Trichlorofluoromethane	12700	200	"	12500		102	62-144			
Vinyl Chloride	13000	100	"	12500		104	66-137			
Surrogate: Dibromofluoromethane	*12300*		*"*	*12500*		*98.6*	*75-125*			
Surrogate: Toluene-d8	*12100*		*"*	*12500*		*97.1*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*12300*		*"*	*12500*		*98.2*	*75-125*			

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Gilbane 1655 Grant St. Floor 12 Concord, CA 94520	Project: 5030 Firestone Blvd. & 9301 Rayo Ave. South Gate Project Number: EST3064 Project Manager: Rogerio Leong	**Reported:** 20-Feb-17 16:27

Volatile Organic Compounds - Quality Control

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 47B1601 - Volatiles										
LCS (47B1601-BS2)				Prepared & Analyzed: 02/16/17						
1,4-Dioxane	251000	50000	ug/m³ Air	250000		100	70-130			
Duplicate (47B1601-DUP1)		**Source: 4B71601-02**		Prepared & Analyzed: 02/16/17						
1,4-Dioxane	ND	50000	ug/m³ Air		ND				50	
1,1,1,2-Tetrachloroethane	ND	200	"		ND				50	
1,1,1-Trichloroethane	ND	200	"		ND				50	
1,1,2,2-Tetrachloroethane	ND	200	"		ND				50	
1,1,2-Trichloroethane	ND	200	"		ND				50	
1,1,2-Trichloro-trifluoroethane	ND	200	"		ND				50	
1,1-Dichloroethane	ND	200	"		ND				50	
1,1-Dichloroethene	ND	100	"		ND				50	
1,1-Dichloropropene	ND	500	"		ND				50	
1,2,3-Trichlorobenzene	ND	1000	"		ND				50	
1,2,3-Trichloropropane	ND	500	"		ND				50	
1,2,4-Trichlorobenzene	ND	1000	"		ND				50	
1,2,4-Trimethylbenzene	ND	500	"		ND				50	
1,2-Dibromo-3-chloropropane	ND	1000	"		ND				50	
1,2-Dibromoethane	ND	500	"		ND				50	
1,2-Dichlorobenzene	ND	500	"		ND				50	
1,2-Dichloroethane	ND	200	"		ND				50	
1,2-Dichloropropane	ND	500	"		ND				50	
1,3,5-Trimethylbenzene	ND	500	"		ND				50	
1,3-Dichlorobenzene	ND	500	"		ND				50	
1,3-Dichloropropane	ND	500	"		ND				50	
1,4-Dichlorobenzene	ND	500	"		ND				50	
2,2-Dichloropropane	ND	500	"		ND				50	
2-Chlorotoluene	ND	500	"		ND				50	
4-Chlorotoluene	ND	500	"		ND				50	
Benzene	ND	100	"		ND				50	
Bromobenzene	ND	500	"		ND				50	
Bromochloromethane	ND	500	"		ND				50	
Bromodichloromethane	ND	500	"		ND				50	
Bromoform	ND	500	"		ND				50	
Bromomethane	ND	500	"		ND				50	

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Gilbane 1655 Grant St. Floor 12 Concord, CA 94520	Project: 5030 Firestone Blvd. & 9301 Rayo Ave. South Gate Project Number: EST3064 Project Manager: Rogerio Leong	**Reported:** 20-Feb-17 16:27

Volatile Organic Compounds - Quality Control

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 47B1601 - Volatiles										
Duplicate (47B1601-DUP1)		**Source: 4B71601-02**		Prepared & Analyzed: 02/16/17						
Carbon disulfide	ND	500	ug/m³ Air		ND				50	
Carbon tetrachloride	ND	100	"		ND				50	
Chlorobenzene	ND	500	"		ND				50	
Chloroethane	ND	200	"		ND				50	
Chloroform	ND	200	"		ND				50	
Chloromethane	ND	500	"		ND				50	
cis-1,2-Dichloroethene	ND	200	"		ND				50	
cis-1,3-Dichloropropene	ND	500	"		ND				50	
Dibromochloromethane	ND	500	"		ND				50	
Dibromomethane	ND	500	"		ND				50	
Dichlorodifluoromethane	ND	200	"		ND				50	
Ethylbenzene	ND	200	"		ND				50	
Hexachlorobutadiene	ND	1000	"		ND				50	
Isopropylbenzene	ND	500	"		ND				50	
meta- and para-Xylenes	ND	500	"		ND				50	
Methylene Chloride	ND	200	"		ND				50	
Naphthalene	ND	1000	"		ND				50	
n-Butylbenzene	ND	1000	"		ND				50	
n-Propylbenzene	ND	500	"		ND				50	
ortho-Xylene	ND	200	"		ND				50	
p-Isopropyltoluene	ND	500	"		ND				50	
sec-Butylbenzene	ND	500	"		ND				50	
Styrene	ND	500	"		ND				50	
tert-Butylbenzene	ND	500	"		ND				50	
Tetrachloroethene	690	100	"		740			6.99	50	
Toluene	ND	500	"		ND				50	
trans-1,2-Dichloroethene	ND	200	"		ND				50	
trans-1,3-Dichloropropene	ND	500	"		ND				50	
Trichloroethene	ND	100	"		ND				50	
Trichlorofluoromethane	ND	200	"		ND				50	
Vinyl Chloride	ND	100	"		ND				50	
2-Propanol	ND	290	"		ND				200	
Surrogate: Dibromofluoromethane	*11900*		*"*	*12500*		*95.1*	*75-125*			

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Gilbane 1655 Grant St. Floor 12 Concord, CA 94520	Project: 5030 Firestone Blvd. & 9301 Rayo Ave. South Gate Project Number: EST3064 Project Manager: Rogerio Leong	**Reported:** 20-Feb-17 16:27

Volatile Organic Compounds - Quality Control

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 47B1601 - Volatiles										
Duplicate (47B1601-DUP1)		**Source: 4B71601-02**		Prepared & Analyzed: 02/16/17						
Surrogate: Toluene-d8	*11400*		*ug/m³ Air*	*12500*		*91.0*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*12800*		*"*	*12500*		*103*	*75-125*			

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Notes and Definitions

J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Items for Project Manager Review

LabNumber	Analysis	Analyte	Exception
4B71601-05	8260B 1,4-Dioxane (SG)		Missing 4-Bromofluorobenzene
4B71601-13	8260B 1,4-Dioxane (SG)		Missing 4-Bromofluorobenzene
4B71601-14	8260B 1,4-Dioxane (SG)		Missing 2-Propanol
4B71601-15	8260B 1,4-Dioxane (SG)		Missing 2-Propanol
4B71601-16	8260B 1,4-Dioxane (SG)		Missing 2-Propanol
4B71601-17	8260B 1,4-Dioxane (SG)		Missing 2-Propanol
4B71601-01	8260B 1,4-Dioxane (SG)		Missing 4-Bromofluorobenzene
4B71601-02	8260B 1,4-Dioxane (SG)		Missing 4-Bromofluorobenzene
4B71601-12	8260B 1,4-Dioxane (SG)		Missing 2-Propanol
4B71601-04	8260B 1,4-Dioxane (SG)		Missing 4-Bromofluorobenzene
4B71601-11	8260B 1,4-Dioxane (SG)		Missing 2-Propanol
4B71601-06	8260B 1,4-Dioxane (SG)		Missing 4-Bromofluorobenzene
4B71601-07	8260B 1,4-Dioxane (SG)		Missing 4-Bromofluorobenzene
4B71601-08	8260B 1,4-Dioxane (SG)		Missing 4-Bromofluorobenzene
4B71601-09	8260B 1,4-Dioxane (SG)		Missing 4-Bromofluorobenzene
4B71601-10	8260B 1,4-Dioxane (SG)		Missing 4-Bromofluorobenzene
4B71601-11	8260B 1,4-Dioxane (SG)		Missing 4-Bromofluorobenzene
			This is a modified report
4B71601-03	8260B 1,4-Dioxane (SG)		Missing 4-Bromofluorobenzene
4B71601-03	8260B 1,4-Dioxane (SG)		Missing 2-Propanol
			VERSION 5.8.5:2735
	8260B (SG) / LRL	(Air)	Result calculations based on MDL
	8260B 1,4-Dioxane (SG)	(Air)	Result calculations based on MDL
	8260B (SG) / LRL	(Air)	J-Flags used
	8260B 1,4-Dioxane (SG)	(Air)	J-Flags used
	8260B (SG) / LRL	(Air)	Special Units Used
	8260B 1,4-Dioxane (SG)	(Air)	Special Units Used
4B71601-13	8260B 1,4-Dioxane (SG)		Missing 2-Propanol
4B71601-02	8260B 1,4-Dioxane (SG)		Missing 2-Propanol
4B71601-14	8260B 1,4-Dioxane (SG)		Missing 4-Bromofluorobenzene
4B71601-04	8260B 1,4-Dioxane (SG)		Missing 2-Propanol
4B71601-05	8260B 1,4-Dioxane (SG)		Missing 2-Propanol
4B71601-06	8260B 1,4-Dioxane (SG)		Missing 2-Propanol
4B71601-07	8260B 1,4-Dioxane (SG)		Missing 2-Propanol
4B71601-08	8260B 1,4-Dioxane (SG)		Missing 2-Propanol
4B71601-09	8260B 1,4-Dioxane (SG)		Missing 2-Propanol
4B71601-10	8260B 1,4-Dioxane (SG)		Missing 2-Propanol
4B71601-01	8260B 1,4-Dioxane (SG)		Missing 2-Propanol
4B71601-09	8260B 1,4-Dioxane (SG)		Missing Toluene-d8
4B71601-12	8260B 1,4-Dioxane (SG)		Missing 4-Bromofluorobenzene
4B71601-01	8260B 1,4-Dioxane (SG)		Missing Toluene-d8
4B71601-02	8260B 1,4-Dioxane (SG)		Missing Toluene-d8
4B71601-03	8260B 1,4-Dioxane (SG)		Missing Toluene-d8
4B71601-04	8260B 1,4-Dioxane (SG)		Missing Toluene-d8
4B71601-05	8260B 1,4-Dioxane (SG)		Missing Toluene-d8
4B71601-06	8260B 1,4-Dioxane (SG)		Missing Toluene-d8
4B71601-16	8260B 1,4-Dioxane (SG)		Missing Dibromofluoromethane
4B71601-08	8260B 1,4-Dioxane (SG)		Missing Toluene-d8

H&P Mobile Geochemistry Inc.

21 April 2015

Mr. Don Gruber
Gilbane Company
2934 Gold Pan Court, Ste 12
Rancho Cordova, CA 95670

H&P Project: GIL032315-A1
Client Project: J163007200-002 Jervis Webb

Dear Mr. Don Gruber:

Enclosed is the analytical report for the above referenced project. The data herein applies to samples as received by H&P Mobile Geochemistry, Inc. on 3/23/2015 -4/2/2015 which were analyzed in accordance with the attached Chain of Custody record(s).

The results for all sample analyses and required QA/QC analyses are presented in the following sections and summarized in the documents:

- Sample Summary
- Case Narrative (if applicable)
- Sample Results
- Quality Control Summary
- Notes and Definitions / Appendix
- Chain of Custody

Unless otherwise noted, I certify that all analyses were performed and reviewed in compliance with our Quality Systems Manual and Standard Operating Procedures. This report shall not be reproduced, except in full, without the written approval of H&P Mobile Geochemistry, Inc.

We at H&P Mobile Geochemistry, Inc. sincerely appreciate the opportunity to provide analytical services to you on this project. If you have any questions or concerns regarding this analytical report, please contact me at your convenience at 760-804-9678.

Sincerely,

Janis Villarreal

Janis Villarreal
Laboratory Director

H&P Mobile Geochemistry, Inc. is certified under the California ELAP, the National Environmental Laboratory Accreditation Conference (NELAC) and the Department of Defense Accreditation Programs.

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB/SG16-5, 1PV	E503100-01	Vapor	23-Mar-15	23-Mar-15
SB/SG16-5, 3PV	E503100-02	Vapor	23-Mar-15	23-Mar-15
SB/SG16-5, 10PV	E503100-03	Vapor	23-Mar-15	23-Mar-15
SB/SG16-25, 1PV	E503100-04	Vapor	23-Mar-15	23-Mar-15
SB/SG16-25, 3PV	E503100-05	Vapor	23-Mar-15	23-Mar-15
SB/SG16-15, 1PV	E503100-06	Vapor	23-Mar-15	23-Mar-15
SB/SG16-25, 10PV	E503100-07	Vapor	23-Mar-15	23-Mar-15
SB/SG18-15, 1PV	E503104-01	Vapor	24-Mar-15	24-Mar-15
SB/SG18-15, 3PV	E503104-02	Vapor	24-Mar-15	24-Mar-15
SB/SG18-35, 1PV	E503104-03	Vapor	24-Mar-15	24-Mar-15
SB/SG18-35, 3PV	E503104-04	Vapor	24-Mar-15	24-Mar-15
SB/SG18-15, 10PV	E503104-05	Vapor	24-Mar-15	24-Mar-15
SB/SG18-35, 10PV	E503104-06	Vapor	24-Mar-15	24-Mar-15
SB/SG17-5	E503104-07	Vapor	24-Mar-15	24-Mar-15
SB/SG17-15	E503104-08	Vapor	24-Mar-15	24-Mar-15
SB/SG17-15 Rep	E503104-09	Vapor	24-Mar-15	24-Mar-15
SB/SG17-25	E503104-10	Vapor	24-Mar-15	24-Mar-15
SB/SG17-35	E503104-11	Vapor	24-Mar-15	24-Mar-15
SB/SG16-35	E503112-01	Vapor	25-Mar-15	25-Mar-15
SB/SG18-5	E503112-02	Vapor	25-Mar-15	25-Mar-15
SB/SG18-25	E503112-03	Vapor	25-Mar-15	25-Mar-15
SB/SG09-5	E503112-04	Vapor	25-Mar-15	25-Mar-15
SB/SG09-15	E503112-05	Vapor	25-Mar-15	25-Mar-15
SB/SG09-15 Rep	E503112-06	Vapor	25-Mar-15	25-Mar-15
SB/SG09-25	E503112-07	Vapor	25-Mar-15	25-Mar-15
SB/SG09-35	E503112-08	Vapor	25-Mar-15	25-Mar-15
SB/SG19-5	E503112-09	Vapor	25-Mar-15	25-Mar-15
SB/SG19-15	E503112-10	Vapor	25-Mar-15	25-Mar-15

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Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB/SG19-35	E503117-01	Vapor	26-Mar-15	26-Mar-15
SB/SG19-25	E503117-02	Vapor	26-Mar-15	26-Mar-15
SB/SG11-5	E503117-03	Vapor	26-Mar-15	26-Mar-15
SB/SG11-15	E503117-04	Vapor	26-Mar-15	26-Mar-15
SB/SG11-25	E503117-05	Vapor	26-Mar-15	26-Mar-15
SB/SG07-5	E503117-06	Vapor	26-Mar-15	26-Mar-15
SB/SG07-5 Rep	E503117-07	Vapor	26-Mar-15	26-Mar-15
SB/SG11-35	E503117-08	Vapor	26-Mar-15	26-Mar-15
SB/SG07-15	E503117-09	Vapor	26-Mar-15	26-Mar-15
SB/SG07-25	E503131-01	Vapor	27-Mar-15	27-Mar-15
SB/SG07-35	E503131-02	Vapor	27-Mar-15	27-Mar-15
SB/SG08-5	E503131-03	Vapor	27-Mar-15	27-Mar-15
SB/SG08-15	E503131-04	Vapor	27-Mar-15	27-Mar-15
SB/SG08-25	E503131-05	Vapor	27-Mar-15	27-Mar-15
SB/SG08-35	E503131-06	Vapor	27-Mar-15	27-Mar-15
SB/SG10-5	E503131-07	Vapor	27-Mar-15	27-Mar-15
SB/SG10-5 Rep	E503131-08	Vapor	27-Mar-15	27-Mar-15
SB/SG10-15	E503131-09	Vapor	27-Mar-15	27-Mar-15
SB/SG10-25	E503131-10	Vapor	27-Mar-15	27-Mar-15
SB/SG10-35	E503131-11	Vapor	27-Mar-15	27-Mar-15
SB/SG12-5	E503131-12	Vapor	27-Mar-15	27-Mar-15
SB/SG12-15	E503131-13	Vapor	27-Mar-15	27-Mar-15
SB/SG12-25	E503131-14	Vapor	27-Mar-15	27-Mar-15
SB/SG12-35	E503140-01	Vapor	30-Mar-15	30-Mar-15
SB/SG13-5	E503140-02	Vapor	30-Mar-15	30-Mar-15
SB/SG13-15	E503140-03	Vapor	30-Mar-15	30-Mar-15
SB/SG13-25	E503140-04	Vapor	30-Mar-15	30-Mar-15
SB/SG13-35	E503140-05	Vapor	30-Mar-15	30-Mar-15

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2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB/SG14-5	E503140-06	Vapor	30-Mar-15	30-Mar-15
SB/SG14-5 Rep	E503140-07	Vapor	30-Mar-15	30-Mar-15
SB/SG14-15	E503140-08	Vapor	30-Mar-15	30-Mar-15
SB/SG14-35	E503140-09	Vapor	30-Mar-15	30-Mar-15
SB/SG14-25	E503140-10	Vapor	30-Mar-15	30-Mar-15
SB/SG15-5	E503140-11	Vapor	30-Mar-15	30-Mar-15
SB/SG15-15	E503146-01	Vapor	31-Mar-15	31-Mar-15
SB/SG15-25	E503146-02	Vapor	31-Mar-15	31-Mar-15
SB/SG15-35	E503146-03	Vapor	31-Mar-15	31-Mar-15
SB/SG26-5	E503146-04	Vapor	31-Mar-15	31-Mar-15
SB/SG26-15	E503146-05	Vapor	31-Mar-15	31-Mar-15
SB/SG26-25	E503146-06	Vapor	31-Mar-15	31-Mar-15
SB/SG26-35	E503146-07	Vapor	31-Mar-15	31-Mar-15
SB/SG26-35 Rep	E503146-08	Vapor	31-Mar-15	31-Mar-15
SB/SG25-5	E503146-09	Vapor	31-Mar-15	31-Mar-15
SB/SG25-15	E503146-10	Vapor	31-Mar-15	31-Mar-15
SB/SG25-25	E503146-11	Vapor	31-Mar-15	31-Mar-15
SB/SG25-35	E503146-12	Vapor	31-Mar-15	31-Mar-15
SB/SG24-5	E503146-13	Vapor	31-Mar-15	31-Mar-15
SB/SG24-15	E503146-14	Vapor	31-Mar-15	31-Mar-15
SB/SG24-25	E504002-01	Vapor	01-Apr-15	01-Apr-15
SB/SG24-35	E504002-02	Vapor	01-Apr-15	01-Apr-15
SB/SG23-5	E504002-03	Vapor	01-Apr-15	01-Apr-15
SB/SG23-15	E504002-04	Vapor	01-Apr-15	01-Apr-15
SB/SG23-25	E504002-05	Vapor	01-Apr-15	01-Apr-15
SB/SG23-35	E504002-06	Vapor	01-Apr-15	01-Apr-15
SB/SG22-5	E504002-07	Vapor	01-Apr-15	01-Apr-15
SB/SG22-25	E504002-08	Vapor	01-Apr-15	01-Apr-15

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Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB/SG22-35	E504002-09	Vapor	01-Apr-15	01-Apr-15
SB/SG22-25 Rep	E504002-10	Vapor	01-Apr-15	01-Apr-15
SB/SG20-5	E504002-11	Vapor	01-Apr-15	01-Apr-15
SB/SG20-15	E504002-12	Vapor	01-Apr-15	01-Apr-15
SB/SG20-35	E504002-13	Vapor	01-Apr-15	01-Apr-15
SB/SG21-35	E504011-01	Vapor	02-Apr-15	02-Apr-15
SB/SG21-5	E504011-02	Vapor	02-Apr-15	02-Apr-15
SB/SG21-5 Rep	E504011-03	Vapor	02-Apr-15	02-Apr-15
SB/SG21-15	E504011-04	Vapor	02-Apr-15	02-Apr-15
SB/SG20-25	E504011-05	Vapor	02-Apr-15	02-Apr-15
SB/SG21-25	E504011-06	Vapor	02-Apr-15	02-Apr-15

Please be advised that sample locations SB/SG17-15 and SB/SG17-25, originally sampled and analyzed on March 24, 2015, were resampled on March 25, 2015, for dilution only. Tetrachloroethene results are reported from the March 25, 2015, analyses for these two samples.

March 25, 2015

The percent recovery for 1,1,1,2-Tetrachloroethane fell above the method criteria in the continuing calibration verifcation (CCV). Since this analyte was not present on this day, the data is not affected.

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2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

DETECTIONS SUMMARY

Sample ID: **SB/SG16-5, 1PV** Laboratory ID: **E503100-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	**200**	28	ug/m3	TO-15	
Trichloroethene	**3200**	27	ug/m3	TO-15	
Tetrachloroethene	**3200**	34	ug/m3	TO-15	

Sample ID: **SB/SG16-5, 3PV** Laboratory ID: **E503100-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	**200**	28	ug/m3	TO-15	
Trichloroethene	**3300**	27	ug/m3	TO-15	
Tetrachloroethene	**3500**	34	ug/m3	TO-15	

Sample ID: **SB/SG16-5, 10PV** Laboratory ID: **E503100-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	**190**	28	ug/m3	TO-15	
Trichloroethene	**3300**	27	ug/m3	TO-15	
Tetrachloroethene	**3500**	34	ug/m3	TO-15	

Sample ID: **SB/SG16-25, 1PV** Laboratory ID: **E503100-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**690**	20	ug/m3	TO-15	
trans-1,2-Dichloroethene	**48**	40	ug/m3	TO-15	
cis-1,2-Dichloroethene	**110**	40	ug/m3	TO-15	
1,1,1-Trichloroethane	**41**	28	ug/m3	TO-15	
Benzene	**38**	16	ug/m3	TO-15	
Trichloroethene	**69000**	270	ug/m3	TO-15	
Tetrachloroethene	**13000**	34	ug/m3	TO-15	
p-Isopropyltoluene	**35**	28	ug/m3	TO-15	

Sample ID: **SB/SG16-25, 3PV** Laboratory ID: **E503100-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**800**	20	ug/m3	TO-15	
trans-1,2-Dichloroethene	**67**	40	ug/m3	TO-15	
cis-1,2-Dichloroethene	**120**	40	ug/m3	TO-15	
1,1,1-Trichloroethane	**33**	28	ug/m3	TO-15	

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2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Sample ID: **SB/SG16-25, 3PV** Laboratory ID: **E503100-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**43**	16	ug/m3	TO-15	
Trichloroethene	**81000**	270	ug/m3	TO-15	
Tetrachloroethene	**13000**	34	ug/m3	TO-15	
p-Isopropyltoluene	**35**	28	ug/m3	TO-15	

Sample ID: **SB/SG16-15, 1PV** Laboratory ID: **E503100-06**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichlorofluoromethane (F11)	**75**	56	ug/m3	TO-15	
1,1-Dichloroethene	**2800**	20	ug/m3	TO-15	
1,1,2-Trichlorotrifluoroethane (F113)	**77000**	77	ug/m3	TO-15	E
1,1-Dichloroethane	**61**	41	ug/m3	TO-15	
1,1,1-Trichloroethane	**14000**	28	ug/m3	TO-15	
Trichloroethene	**810**	27	ug/m3	TO-15	
Toluene	**39**	38	ug/m3	TO-15	
Tetrachloroethene	**660**	34	ug/m3	TO-15	
Ethylbenzene	**28**	22	ug/m3	TO-15	
m,p-Xylene	**48**	44	ug/m3	TO-15	
o-Xylene	**25**	22	ug/m3	TO-15	
n-Butylbenzene	**30**	28	ug/m3	TO-15	
Naphthalene	**27**	27	ug/m3	TO-15	

Sample ID: **SB/SG16-25, 10PV** Laboratory ID: **E503100-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
Vinyl chloride	**31**	13	ug/m3	TO-15	
1,1-Dichloroethene	**770**	20	ug/m3	TO-15	
trans-1,2-Dichloroethene	**64**	40	ug/m3	TO-15	
cis-1,2-Dichloroethene	**81**	40	ug/m3	TO-15	
1,1,1-Trichloroethane	**41**	28	ug/m3	TO-15	
Benzene	**21**	16	ug/m3	TO-15	
Trichloroethene	**77000**	270	ug/m3	TO-15	
Tetrachloroethene	**12000**	34	ug/m3	TO-15	
n-Butylbenzene	**33**	28	ug/m3	TO-15	

Sample ID: **SB/SG18-15, 1PV** Laboratory ID: **E503104-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**230**	20	ug/m3	TO-15	

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Sample ID: **SB/SG18-15, 1PV** Laboratory ID: **E503104-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,2-Trichlorotrifluoroethane (F113)	**3400**	77	ug/m3	TO-15	
1,1,1-Trichloroethane	**2000**	28	ug/m3	TO-15	
Benzene	**35**	16	ug/m3	TO-15	
Trichloroethene	**200**	27	ug/m3	TO-15	
Tetrachloroethene	**640**	34	ug/m3	TO-15	

Sample ID: **SB/SG18-15, 3PV** Laboratory ID: **E503104-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	**34**	28	ug/m3	TO-15	
Benzene	**48**	16	ug/m3	TO-15	
Trichloroethene	**390**	27	ug/m3	TO-15	
Tetrachloroethene	**2100**	34	ug/m3	TO-15	

Sample ID: **SB/SG18-35, 1PV** Laboratory ID: **E503104-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**54**	20	ug/m3	TO-15	
trans-1,2-Dichloroethene	**150**	40	ug/m3	TO-15	
cis-1,2-Dichloroethene	**1400**	40	ug/m3	TO-15	
Chloroform	**27**	25	ug/m3	TO-15	
1,1,1-Trichloroethane	**240**	28	ug/m3	TO-15	
Trichloroethene	**9100**	27	ug/m3	TO-15	
Bromodichloromethane	**77**	68	ug/m3	TO-15	
Tetrachloroethene	**9400**	34	ug/m3	TO-15	

Sample ID: **SB/SG18-35, 3PV** Laboratory ID: **E503104-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**110**	20	ug/m3	TO-15	
trans-1,2-Dichloroethene	**140**	40	ug/m3	TO-15	
cis-1,2-Dichloroethene	**1500**	40	ug/m3	TO-15	
1,1,1-Trichloroethane	**230**	28	ug/m3	TO-15	
Trichloroethene	**9300**	27	ug/m3	TO-15	
Tetrachloroethene	**10000**	34	ug/m3	TO-15	

Sample ID: **SB/SG18-15, 10PV** Laboratory ID: **E503104-05**

Analyte	Result	Reporting Limit	Units	Method	Notes

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Sample ID: **SB/SG18-15, 10PV** Laboratory ID: **E503104-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**43**	16	ug/m3	TO-15	
Trichloroethene	**280**	27	ug/m3	TO-15	
Tetrachloroethene	**1600**	34	ug/m3	TO-15	

Sample ID: **SB/SG18-35, 10PV** Laboratory ID: **E503104-06**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**53**	20	ug/m3	TO-15	
trans-1,2-Dichloroethene	**110**	40	ug/m3	TO-15	
cis-1,2-Dichloroethene	**1400**	40	ug/m3	TO-15	
1,1,1-Trichloroethane	**220**	28	ug/m3	TO-15	
Trichloroethene	**8900**	27	ug/m3	TO-15	
Tetrachloroethene	**9100**	34	ug/m3	TO-15	

Sample ID: **SB/SG17-5** Laboratory ID: **E503104-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	**710**	28	ug/m3	TO-15	
Trichloroethene	**3400**	27	ug/m3	TO-15	
Tetrachloroethene	**9700**	34	ug/m3	TO-15	

Sample ID: **SB/SG17-15** Laboratory ID: **E503104-08**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**97**	20	ug/m3	TO-15	
1,1,1-Trichloroethane	**260**	28	ug/m3	TO-15	
Benzene	**24**	16	ug/m3	TO-15	
Trichloroethene	**5600**	27	ug/m3	TO-15	
Tetrachloroethene	**29000**	690	ug/m3	TO-15	A

Sample ID: **SB/SG17-15 Rep** Laboratory ID: **E503104-09**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**98**	20	ug/m3	TO-15	
1,1,1-Trichloroethane	**250**	28	ug/m3	TO-15	
Benzene	**28**	16	ug/m3	TO-15	
Trichloroethene	**4600**	27	ug/m3	TO-15	
Tetrachloroethene	**19000**	34	ug/m3	TO-15	

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Sample ID: **SB/SG17-25** Laboratory ID: **E503104-10**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**100**	20	ug/m3	TO-15	
1,1,1-Trichloroethane	**180**	28	ug/m3	TO-15	
Benzene	**30**	16	ug/m3	TO-15	
Trichloroethene	**5900**	27	ug/m3	TO-15	
Tetrachloroethene	**28000**	340	ug/m3	TO-15	A

Sample ID: **SB/SG17-35** Laboratory ID: **E503104-11**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**110**	20	ug/m3	TO-15	
trans-1,2-Dichloroethene	**210**	40	ug/m3	TO-15	
cis-1,2-Dichloroethene	**2200**	40	ug/m3	TO-15	
Chloroform	**93**	25	ug/m3	TO-15	
Trichloroethene	**34000**	270	ug/m3	TO-15	
Tetrachloroethene	**13000**	34	ug/m3	TO-15	

Sample ID: **SB/SG16-35** Laboratory ID: **E503112-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
cis-1,2-Dichloroethene	**1800**	1000	ug/m3	TO-15	
Trichloroethene	**38000**	680	ug/m3	TO-15	
Tetrachloroethene	**12000**	860	ug/m3	TO-15	

Sample ID: **SB/SG18-5** Laboratory ID: **E503112-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	**52**	28	ug/m3	TO-15	
Trichloroethene	**81**	27	ug/m3	TO-15	
Tetrachloroethene	**540**	34	ug/m3	TO-15	

Sample ID: **SB/SG18-25** Laboratory ID: **E503112-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	**38**	28	ug/m3	TO-15	
Benzene	**29**	16	ug/m3	TO-15	
Trichloroethene	**800**	27	ug/m3	TO-15	
Tetrachloroethene	**4300**	34	ug/m3	TO-15	

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Sample ID: **SB/SG09-5** Laboratory ID: **E503112-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**45**	27	ug/m3	TO-15	
Toluene	**190**	38	ug/m3	TO-15	
Tetrachloroethene	**360**	34	ug/m3	TO-15	

Sample ID: **SB/SG09-15** Laboratory ID: **E503112-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**3100**	27	ug/m3	TO-15	
Toluene	**200**	38	ug/m3	TO-15	
Tetrachloroethene	**1000**	34	ug/m3	TO-15	

Sample ID: **SB/SG09-15 Rep** Laboratory ID: **E503112-06**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**2800**	27	ug/m3	TO-15	
Toluene	**220**	38	ug/m3	TO-15	
Tetrachloroethene	**1000**	34	ug/m3	TO-15	

Sample ID: **SB/SG09-25** Laboratory ID: **E503112-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**450**	20	ug/m3	TO-15	
trans-1,2-Dichloroethene	**150**	40	ug/m3	TO-15	
1,1-Dichloroethane	**140**	41	ug/m3	TO-15	
cis-1,2-Dichloroethene	**340**	40	ug/m3	TO-15	
Benzene	**31**	16	ug/m3	TO-15	
Trichloroethene	**63000**	270	ug/m3	TO-15	
Toluene	**290**	38	ug/m3	TO-15	
Tetrachloroethene	**2000**	34	ug/m3	TO-15	

Sample ID: **SB/SG09-35** Laboratory ID: **E503112-08**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**24**	20	ug/m3	TO-15	
cis-1,2-Dichloroethene	**180**	40	ug/m3	TO-15	
Trichloroethene	**1400**	27	ug/m3	TO-15	
Toluene	**310**	38	ug/m3	TO-15	
Tetrachloroethene	**180**	34	ug/m3	TO-15	

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Sample ID: **SB/SG19-5** Laboratory ID: **E503112-09**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**260**	27	ug/m3	TO-15	
Tetrachloroethene	**420**	34	ug/m3	TO-15	

Sample ID: **SB/SG19-15** Laboratory ID: **E503112-10**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**47**	20	ug/m3	TO-15	
cis-1,2-Dichloroethene	**84**	40	ug/m3	TO-15	
Benzene	**45**	16	ug/m3	TO-15	
Trichloroethene	**17000**	270	ug/m3	TO-15	
Tetrachloroethene	**1700**	34	ug/m3	TO-15	

Sample ID: **SB/SG19-35** Laboratory ID: **E503117-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**110**	20	ug/m3	TO-15	
trans-1,2-Dichloroethene	**210**	40	ug/m3	TO-15	
cis-1,2-Dichloroethene	**2300**	40	ug/m3	TO-15	
Benzene	**17**	16	ug/m3	TO-15	
Trichloroethene	**27000**	270	ug/m3	TO-15	
Toluene	**51**	38	ug/m3	TO-15	
Tetrachloroethene	**6200**	34	ug/m3	TO-15	

Sample ID: **SB/SG19-25** Laboratory ID: **E503117-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**670**	20	ug/m3	TO-15	
trans-1,2-Dichloroethene	**200**	40	ug/m3	TO-15	
1,1-Dichloroethane	**120**	41	ug/m3	TO-15	
cis-1,2-Dichloroethene	**580**	40	ug/m3	TO-15	
Benzene	**57**	16	ug/m3	TO-15	
Trichloroethene	**180000**	1400	ug/m3	TO-15	
Tetrachloroethene	**8700**	34	ug/m3	TO-15	

Sample ID: **SB/SG11-5** Laboratory ID: **E503117-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**110**	27	ug/m3	TO-15	
Tetrachloroethene	**560**	34	ug/m3	TO-15	

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Sample ID: **SB/SG11-15** Laboratory ID: **E503117-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**180**	20	ug/m3	TO-15	
Benzene	**43**	16	ug/m3	TO-15	
Trichloroethene	**17000**	270	ug/m3	TO-15	
Tetrachloroethene	**4700**	34	ug/m3	TO-15	

Sample ID: **SB/SG11-25** Laboratory ID: **E503117-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**370**	20	ug/m3	TO-15	
trans-1,2-Dichloroethene	**90**	40	ug/m3	TO-15	
1,1-Dichloroethane	**62**	41	ug/m3	TO-15	
cis-1,2-Dichloroethene	**120**	40	ug/m3	TO-15	
Benzene	**52**	16	ug/m3	TO-15	
Trichloroethene	**77000**	680	ug/m3	TO-15	
Tetrachloroethene	**9200**	34	ug/m3	TO-15	

Sample ID: **SB/SG07-5** Laboratory ID: **E503117-06**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**180**	27	ug/m3	TO-15	
Tetrachloroethene	**68**	34	ug/m3	TO-15	

Sample ID: **SB/SG07-5 Rep** Laboratory ID: **E503117-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**240**	27	ug/m3	TO-15	
Tetrachloroethene	**39**	34	ug/m3	TO-15	

Sample ID: **SB/SG11-35** Laboratory ID: **E503117-08**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**120**	20	ug/m3	TO-15	
trans-1,2-Dichloroethene	**260**	40	ug/m3	TO-15	
1,1-Dichloroethane	**47**	41	ug/m3	TO-15	
cis-1,2-Dichloroethene	**2000**	40	ug/m3	TO-15	
Benzene	**20**	16	ug/m3	TO-15	
Trichloroethene	**34000**	270	ug/m3	TO-15	
Tetrachloroethene	**12000**	34	ug/m3	TO-15	

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Sample ID: **SB/SG07-15** Laboratory ID: **E503117-09**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**61**	27	ug/m3	TO-15	
Tetrachloroethene	**36**	34	ug/m3	TO-15	

Sample ID: **SB/SG07-25** Laboratory ID: **E503131-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**98**	20	ug/m3	TO-15	
Trichloroethene	**33**	27	ug/m3	TO-15	

Sample ID: **SB/SG07-35** Laboratory ID: **E503131-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**71**	20	ug/m3	TO-15	
cis-1,2-Dichloroethene	**110**	40	ug/m3	TO-15	
Trichloroethene	**1400**	27	ug/m3	TO-15	

Sample ID: **SB/SG08-5** Laboratory ID: **E503131-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**140**	27	ug/m3	TO-15	
Tetrachloroethene	**810**	34	ug/m3	TO-15	

Sample ID: **SB/SG08-15** Laboratory ID: **E503131-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	**32**	28	ug/m3	TO-15	
Trichloroethene	**350**	27	ug/m3	TO-15	
Tetrachloroethene	**1700**	34	ug/m3	TO-15	

Sample ID: **SB/SG08-25** Laboratory ID: **E503131-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**33**	20	ug/m3	TO-15	
Trichloroethene	**1200**	27	ug/m3	TO-15	
Tetrachloroethene	**550**	34	ug/m3	TO-15	

Sample ID: **SB/SG08-35** Laboratory ID: **E503131-06**

Analyte	Result	Reporting Limit	Units	Method	Notes

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Sample ID: **SB/SG08-35** Laboratory ID: **E503131-06**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**190**	20	ug/m3	TO-15	
trans-1,2-Dichloroethene	**370**	40	ug/m3	TO-15	
1,1-Dichloroethane	**73**	41	ug/m3	TO-15	
cis-1,2-Dichloroethene	**3400**	40	ug/m3	TO-15	
Trichloroethene	**23000**	270	ug/m3	TO-15	
Tetrachloroethene	**580**	34	ug/m3	TO-15	

Sample ID: **SB/SG10-5** Laboratory ID: **E503131-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	**50**	28	ug/m3	TO-15	
Trichloroethene	**290**	27	ug/m3	TO-15	
Tetrachloroethene	**2900**	34	ug/m3	TO-15	

Sample ID: **SB/SG10-5 Rep** Laboratory ID: **E503131-08**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	**38**	28	ug/m3	TO-15	
Trichloroethene	**250**	27	ug/m3	TO-15	
Tetrachloroethene	**2800**	34	ug/m3	TO-15	

Sample ID: **SB/SG10-15** Laboratory ID: **E503131-09**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**27**	20	ug/m3	TO-15	
1,1,1-Trichloroethane	**40**	28	ug/m3	TO-15	
Benzene	**37**	16	ug/m3	TO-15	
Trichloroethene	**3700**	27	ug/m3	TO-15	
Toluene	**92**	38	ug/m3	TO-15	
Tetrachloroethene	**3600**	34	ug/m3	TO-15	

Sample ID: **SB/SG10-25** Laboratory ID: **E503131-10**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**110**	20	ug/m3	TO-15	
cis-1,2-Dichloroethene	**63**	40	ug/m3	TO-15	
Benzene	**24**	16	ug/m3	TO-15	
Trichloroethene	**6400**	27	ug/m3	TO-15	
Toluene	**76**	38	ug/m3	TO-15	

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Sample ID: **SB/SG10-25** Laboratory ID: **E503131-10**

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**1600**	34	ug/m3	TO-15	

Sample ID: **SB/SG10-35** Laboratory ID: **E503131-11**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**270**	20	ug/m3	TO-15	
trans-1,2-Dichloroethene	**500**	40	ug/m3	TO-15	
1,1-Dichloroethane	**110**	41	ug/m3	TO-15	
cis-1,2-Dichloroethene	**5800**	40	ug/m3	TO-15	
Benzene	**20**	16	ug/m3	TO-15	
Trichloroethene	**42000**	270	ug/m3	TO-15	
Toluene	**81**	38	ug/m3	TO-15	
Tetrachloroethene	**3500**	34	ug/m3	TO-15	

Sample ID: **SB/SG12-5** Laboratory ID: **E503131-12**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	**130**	28	ug/m3	TO-15	
Trichloroethene	**180**	27	ug/m3	TO-15	
Tetrachloroethene	**5700**	34	ug/m3	TO-15	

Sample ID: **SB/SG12-15** Laboratory ID: **E503131-13**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	**120**	28	ug/m3	TO-15	
Trichloroethene	**490**	27	ug/m3	TO-15	
Toluene	**71**	38	ug/m3	TO-15	
Tetrachloroethene	**5400**	34	ug/m3	TO-15	

Sample ID: **SB/SG12-25** Laboratory ID: **E503131-14**

Analyte	Result	Reporting Limit	Units	Method	Notes
Vinyl chloride	**46**	13	ug/m3	TO-15	
1,1-Dichloroethene	**410**	20	ug/m3	TO-15	
cis-1,2-Dichloroethene	**53**	40	ug/m3	TO-15	
Benzene	**16**	16	ug/m3	TO-15	
Trichloroethene	**860**	27	ug/m3	TO-15	
Tetrachloroethene	**1300**	34	ug/m3	TO-15	

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Sample ID: **SB/SG12-35** Laboratory ID: **E503140-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
Vinyl chloride	**87**	13	ug/m3	TO-15	
1,1-Dichloroethene	**680**	20	ug/m3	TO-15	
trans-1,2-Dichloroethene	**120**	40	ug/m3	TO-15	
cis-1,2-Dichloroethene	**890**	40	ug/m3	TO-15	
Benzene	**22**	16	ug/m3	TO-15	
Trichloroethene	**6900**	27	ug/m3	TO-15	
Toluene	**47**	38	ug/m3	TO-15	
Tetrachloroethene	**1100**	34	ug/m3	TO-15	

Sample ID: **SB/SG13-5** Laboratory ID: **E503140-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	**450**	28	ug/m3	TO-15	
Trichloroethene	**5000**	27	ug/m3	TO-15	
Tetrachloroethene	**13000**	34	ug/m3	TO-15	

Sample ID: **SB/SG13-15** Laboratory ID: **E503140-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**41**	20	ug/m3	TO-15	
1,1,1-Trichloroethane	**320**	28	ug/m3	TO-15	
Benzene	**27**	16	ug/m3	TO-15	
Trichloroethene	**17000**	270	ug/m3	TO-15	
Tetrachloroethene	**29000**	340	ug/m3	TO-15	

Sample ID: **SB/SG13-25** Laboratory ID: **E503140-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**480**	20	ug/m3	TO-15	
cis-1,2-Dichloroethene	**42**	40	ug/m3	TO-15	
Chloroform	**26**	25	ug/m3	TO-15	
1,1,1-Trichloroethane	**170**	28	ug/m3	TO-15	
Benzene	**48**	16	ug/m3	TO-15	
Trichloroethene	**67000**	680	ug/m3	TO-15	
Toluene	**63**	38	ug/m3	TO-15	
Tetrachloroethene	**51000**	860	ug/m3	TO-15	

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Sample ID: **SB/SG13-35** Laboratory ID: **E503140-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**89**	20	ug/m3	TO-15	
trans-1,2-Dichloroethene	**73**	40	ug/m3	TO-15	
cis-1,2-Dichloroethene	**610**	40	ug/m3	TO-15	
1,1,1-Trichloroethane	**38**	28	ug/m3	TO-15	
Benzene	**32**	16	ug/m3	TO-15	
Trichloroethene	**110000**	550	ug/m3	TO-15	
Toluene	**65**	38	ug/m3	TO-15	
Tetrachloroethene	**9400**	34	ug/m3	TO-15	
m,p-Xylene	**51**	44	ug/m3	TO-15	
o-Xylene	**23**	22	ug/m3	TO-15	

Sample ID: **SB/SG14-5** Laboratory ID: **E503140-06**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	**540**	28	ug/m3	TO-15	
Trichloroethene	**2100**	27	ug/m3	TO-15	
Tetrachloroethene	**13000**	34	ug/m3	TO-15	

Sample ID: **SB/SG14-5 Rep** Laboratory ID: **E503140-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	**550**	28	ug/m3	TO-15	
Benzene	**18**	16	ug/m3	TO-15	
Trichloroethene	**1700**	27	ug/m3	TO-15	
Tetrachloroethene	**13000**	34	ug/m3	TO-15	

Sample ID: **SB/SG14-15** Laboratory ID: **E503140-08**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**39**	20	ug/m3	TO-15	
1,1,1-Trichloroethane	**260**	28	ug/m3	TO-15	
Benzene	**28**	16	ug/m3	TO-15	
Trichloroethene	**2700**	27	ug/m3	TO-15	
Tetrachloroethene	**11000**	34	ug/m3	TO-15	

Sample ID: **SB/SG14-35** Laboratory ID: **E503140-09**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**370**	20	ug/m3	TO-15	

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Sample ID: **SB/SG14-35** Laboratory ID: **E503140-09**

Analyte	Result	Reporting Limit	Units	Method	Notes
trans-1,2-Dichloroethene	**370**	40	ug/m3	TO-15	
1,1-Dichloroethane	**43**	41	ug/m3	TO-15	
cis-1,2-Dichloroethene	**2600**	40	ug/m3	TO-15	
1,1,1-Trichloroethane	**170**	28	ug/m3	TO-15	
Benzene	**18**	16	ug/m3	TO-15	
Trichloroethene	**390000**	1400	ug/m3	TO-15	
Tetrachloroethene	**16000**	34	ug/m3	TO-15	

Sample ID: **SB/SG14-25** Laboratory ID: **E503140-10**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**110**	20	ug/m3	TO-15	
1,1,1-Trichloroethane	**110**	28	ug/m3	TO-15	
Benzene	**27**	16	ug/m3	TO-15	
Trichloroethene	**8800**	27	ug/m3	TO-15	
Tetrachloroethene	**18000**	34	ug/m3	TO-15	

Sample ID: **SB/SG15-5** Laboratory ID: **E503140-11**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	**1500**	28	ug/m3	TO-15	
Trichloroethene	**7500**	27	ug/m3	TO-15	
Tetrachloroethene	**16000**	34	ug/m3	TO-15	

Sample ID: **SB/SG15-15** Laboratory ID: **E503146-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**74**	20	ug/m3	TO-15	
1,1,1-Trichloroethane	**810**	28	ug/m3	TO-15	
Benzene	**36**	16	ug/m3	TO-15	
Trichloroethene	**7900**	27	ug/m3	TO-15	
Tetrachloroethene	**22000**	340	ug/m3	TO-15	

Sample ID: **SB/SG15-25** Laboratory ID: **E503146-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**98**	20	ug/m3	TO-15	
1,1,1-Trichloroethane	**180**	28	ug/m3	TO-15	
Benzene	**34**	16	ug/m3	TO-15	

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Sample ID: **SB/SG15-25** Laboratory ID: **E503146-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**17000**	270	ug/m3	TO-15	
Tetrachloroethene	**46000**	340	ug/m3	TO-15	
p-Isopropyltoluene	**40**	28	ug/m3	TO-15	

Sample ID: **SB/SG15-35** Laboratory ID: **E503146-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**130**	20	ug/m3	TO-15	
trans-1,2-Dichloroethene	**130**	40	ug/m3	TO-15	
cis-1,2-Dichloroethene	**610**	40	ug/m3	TO-15	
1,1,1-Trichloroethane	**320**	28	ug/m3	TO-15	
Trichloroethene	**160000**	680	ug/m3	TO-15	
Tetrachloroethene	**12000**	34	ug/m3	TO-15	

Sample ID: **SB/SG26-5** Laboratory ID: **E503146-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**70**	27	ug/m3	TO-15	
Tetrachloroethene	**50**	34	ug/m3	TO-15	

Sample ID: **SB/SG26-15** Laboratory ID: **E503146-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**29**	27	ug/m3	TO-15	

Sample ID: **SB/SG26-25** Laboratory ID: **E503146-06**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**46**	27	ug/m3	TO-15	

Sample ID: **SB/SG26-35** Laboratory ID: **E503146-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**110**	27	ug/m3	TO-15	
Tetrachloroethene	**230**	34	ug/m3	TO-15	

Sample ID: **SB/SG26-35 Rep** Laboratory ID: **E503146-08**

Analyte	Result	Reporting Limit	Units	Method	Notes

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Sample ID: **SB/SG26-35 Rep** Laboratory ID: **E503146-08**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**53**	27	ug/m3	TO-15	
Tetrachloroethene	**170**	34	ug/m3	TO-15	

Sample ID: **SB/SG25-5** Laboratory ID: **E503146-09**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	**31**	28	ug/m3	TO-15	

Sample ID: **SB/SG25-15** Laboratory ID: **E503146-10**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	**30**	28	ug/m3	TO-15	
Trichloroethene	**48**	27	ug/m3	TO-15	

Sample ID: **SB/SG25-25** Laboratory ID: **E503146-11**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	**29**	28	ug/m3	TO-15	

Sample ID: **SB/SG25-35** Laboratory ID: **E503146-12**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**72**	27	ug/m3	TO-15	
Tetrachloroethene	**310**	34	ug/m3	TO-15	

Sample ID: **SB/SG24-5** Laboratory ID: **E503146-13**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SB/SG24-15** Laboratory ID: **E503146-14**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SB/SG24-25** Laboratory ID: **E504002-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

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Sample ID: **SB/SG24-35** Laboratory ID: **E504002-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**220**	34	ug/m3	TO-15	

Sample ID: **SB/SG23-5** Laboratory ID: **E504002-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SB/SG23-15** Laboratory ID: **E504002-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**35**	34	ug/m3	TO-15	

Sample ID: **SB/SG23-25** Laboratory ID: **E504002-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**180**	27	ug/m3	TO-15	

Sample ID: **SB/SG23-35** Laboratory ID: **E504002-06**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SB/SG22-5** Laboratory ID: **E504002-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**370**	34	ug/m3	TO-15	

Sample ID: **SB/SG22-25** Laboratory ID: **E504002-08**

Analyte	Result	Reporting Limit	Units	Method	Notes
Chloromethane	**31**	21	ug/m3	TO-15	
Vinyl chloride	**75**	13	ug/m3	TO-15	
1,1-Dichloroethene	**410**	20	ug/m3	TO-15	
trans-1,2-Dichloroethene	**200**	40	ug/m3	TO-15	
cis-1,2-Dichloroethene	**1600**	40	ug/m3	TO-15	
Benzene	**27**	16	ug/m3	TO-15	
Trichloroethene	**1700**	27	ug/m3	TO-15	

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Sample ID: **SB/SG22-35** Laboratory ID: **E504002-09**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**150**	27	ug/m3	TO-15	
Tetrachloroethene	**160**	34	ug/m3	TO-15	

Sample ID: **SB/SG22-25 Rep** Laboratory ID: **E504002-10**

Analyte	Result	Reporting Limit	Units	Method	Notes
Vinyl chloride	**47**	13	ug/m3	TO-15	
1,1-Dichloroethene	**330**	20	ug/m3	TO-15	
trans-1,2-Dichloroethene	**180**	40	ug/m3	TO-15	
cis-1,2-Dichloroethene	**1400**	40	ug/m3	TO-15	
Trichloroethene	**1700**	27	ug/m3	TO-15	

Sample ID: **SB/SG20-5** Laboratory ID: **E504002-11**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	**38**	28	ug/m3	TO-15	
Tetrachloroethene	**2700**	34	ug/m3	TO-15	

Sample ID: **SB/SG20-15** Laboratory ID: **E504002-12**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	**72**	28	ug/m3	TO-15	
Benzene	**22**	16	ug/m3	TO-15	
Trichloroethene	**860**	27	ug/m3	TO-15	
Tetrachloroethene	**6700**	34	ug/m3	TO-15	

Sample ID: **SB/SG20-35** Laboratory ID: **E504002-13**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**32**	20	ug/m3	TO-15	
trans-1,2-Dichloroethene	**80**	40	ug/m3	TO-15	
cis-1,2-Dichloroethene	**780**	40	ug/m3	TO-15	
Trichloroethene	**3700**	27	ug/m3	TO-15	
Tetrachloroethene	**2900**	34	ug/m3	TO-15	

Sample ID: **SB/SG21-35** Laboratory ID: **E504011-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**21**	20	ug/m3	TO-15	

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Sample ID: **SB/SG21-35** Laboratory ID: **E504011-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
trans-1,2-Dichloroethene	**49**	40	ug/m3	TO-15	
cis-1,2-Dichloroethene	**640**	40	ug/m3	TO-15	
Chloroform	**30**	25	ug/m3	TO-15	
Trichloroethene	**3100**	27	ug/m3	TO-15	
Tetrachloroethene	**3800**	34	ug/m3	TO-15	

Sample ID: **SB/SG21-5** Laboratory ID: **E504011-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**79**	27	ug/m3	TO-15	
Tetrachloroethene	**1100**	34	ug/m3	TO-15	

Sample ID: **SB/SG21-5 Rep** Laboratory ID: **E504011-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**88**	27	ug/m3	TO-15	
Tetrachloroethene	**1000**	34	ug/m3	TO-15	

Sample ID: **SB/SG21-15** Laboratory ID: **E504011-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**68**	27	ug/m3	TO-15	
Tetrachloroethene	**1000**	34	ug/m3	TO-15	

Sample ID: **SB/SG20-25** Laboratory ID: **E504011-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**23**	16	ug/m3	TO-15	
Trichloroethene	**1200**	27	ug/m3	TO-15	
Tetrachloroethene	**7700**	34	ug/m3	TO-15	

Sample ID: **SB/SG21-25** Laboratory ID: **E504011-06**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**130**	20	ug/m3	TO-15	
cis-1,2-Dichloroethene	**130**	40	ug/m3	TO-15	
Benzene	**97**	16	ug/m3	TO-15	
Trichloroethene	**1900**	27	ug/m3	TO-15	
Tetrachloroethene	**700**	34	ug/m3	TO-15	

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Volatile Organic Compounds by H&P Method TO-15M SV

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG16-5, 1PV (E503100-01) Vapor Sampled: 23-Mar-15 Received: 23-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52303	23-Mar-15	23-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	**200**	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**3200**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**3200**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	

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Volatile Organic Compounds by H&P Method TO-15M SV

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG16-5, 1PV (E503100-01) Vapor Sampled: 23-Mar-15 Received: 23-Mar-15									
Naphthalene	ND	27	ug/m3	1	EC52303	23-Mar-15	23-Mar-15	TO-15	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*96.4 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.5 %*	*56-127*		"	"	"	"	
SB/SG16-5, 3PV (E503100-02) Vapor Sampled: 23-Mar-15 Received: 23-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52303	23-Mar-15	23-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	**200**	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**3300**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**3500**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	

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Volatile Organic Compounds by H&P Method TO-15M SV

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG16-5, 3PV (E503100-02) Vapor Sampled: 23-Mar-15 Received: 23-Mar-15									
n-Propylbenzene	ND	50	ug/m3	1	EC52303	23-Mar-15	23-Mar-15	TO-15	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*67-141*		*"*	*"*	*"*	*"*	
Surrogate: Toluene-d8		*108 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*92.9 %*	*56-127*		*"*	*"*	*"*	*"*	
SB/SG16-5, 10PV (E503100-03) Vapor Sampled: 23-Mar-15 Received: 23-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52303	23-Mar-15	23-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	**190**	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**3300**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG16-5, 10PV (E503100-03) Vapor Sampled: 23-Mar-15 Received: 23-Mar-15									
1,1,2-Trichloroethane	ND	55	ug/m3	1	EC52303	23-Mar-15	23-Mar-15	TO-15	
Tetrachloroethene	**3500**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*113 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.2 %*	*56-127*		"	"	"	"	
SB/SG16-25, 1PV (E503100-04) Vapor Sampled: 23-Mar-15 Received: 23-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52303	23-Mar-15	23-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**690**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**48**	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**110**	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG16-25, 1PV (E503100-04) Vapor Sampled: 23-Mar-15 Received: 23-Mar-15									
1,1,1-Trichloroethane	**41**	28	ug/m3	1	EC52303	23-Mar-15	23-Mar-15	TO-15	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**38**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**69000**	270	"	10	"	"	"	"	
1,4-Dioxane	ND	36	"	1	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**13000**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	**35**	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*56-127*		"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG16-25, 3PV (E503100-05) Vapor Sampled: 23-Mar-15 Received: 23-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52303	23-Mar-15	23-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**800**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**67**	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**120**	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	**33**	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**43**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**81000**	270	"	10	"	"	"	"	
1,4-Dioxane	ND	36	"	1	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**13000**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	**35**	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG16-25, 3PV (E503100-05) Vapor Sampled: 23-Mar-15 Received: 23-Mar-15									
Naphthalene	ND	27	ug/m3	1	EC52303	23-Mar-15	23-Mar-15	TO-15	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*115 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*107 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.4 %*	*56-127*		"	"	"	"	
SB/SG16-15, 1PV (E503100-06) Vapor Sampled: 23-Mar-15 Received: 23-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52303	23-Mar-15	23-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	**75**	56	"	"	"	"	"	"	
1,1-Dichloroethene	**2800**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	**77000**	77	"	"	"	"	"	"	E
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	**61**	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	**14000**	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**810**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	**39**	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**660**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	**28**	22	"	"	"	"	"	"	
m,p-Xylene	**48**	44	"	"	"	"	"	"	
o-Xylene	**25**	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	

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Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG16-15, 1PV (E503100-06) Vapor Sampled: 23-Mar-15 Received: 23-Mar-15									
n-Propylbenzene	ND	50	ug/m3	1	EC52303	23-Mar-15	23-Mar-15	TO-15	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	**30**	28	"	"	"	"	"	"	
Naphthalene	**27**	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*112 %*	*67-141*		*"*	*"*	*"*	*"*	
Surrogate: Toluene-d8		*95.4 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*87.3 %*	*56-127*		*"*	*"*	*"*	*"*	
SB/SG16-25, 10PV (E503100-07) Vapor Sampled: 23-Mar-15 Received: 23-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52303	23-Mar-15	23-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	**31**	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**770**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**64**	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**81**	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	**41**	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**21**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**77000**	270	"	10	"	"	"	"	
1,4-Dioxane	ND	36	"	1	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	

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Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG16-25, 10PV (E503100-07) Vapor Sampled: 23-Mar-15 Received: 23-Mar-15									
1,1,2-Trichloroethane	ND	55	ug/m3	1	EC52303	23-Mar-15	23-Mar-15	TO-15	
Tetrachloroethene	**12000**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	**33**	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*56-127*		"	"	"	"	
SB/SG18-15, 1PV (E503104-01) Vapor Sampled: 24-Mar-15 Received: 24-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52402	24-Mar-15	24-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**230**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	**3400**	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	

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2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
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Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG18-15, 1PV (E503104-01) Vapor Sampled: 24-Mar-15 Received: 24-Mar-15									
1,1,1-Trichloroethane	**2000**	28	ug/m3	1	EC52402	24-Mar-15	24-Mar-15	TO-15	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**35**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**200**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**640**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*123 %*		*67-141*	"	"	"	"	
Surrogate: Toluene-d8		*108 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*86.0 %*		*56-127*	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG18-15, 3PV (E503104-02) Vapor Sampled: 24-Mar-15 Received: 24-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52402	24-Mar-15	24-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	**34**	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**48**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**390**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**2100**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG18-15, 3PV (E503104-02) Vapor Sampled: 24-Mar-15 Received: 24-Mar-15									
Naphthalene	ND	27	ug/m3	1	EC52402	24-Mar-15	24-Mar-15	TO-15	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*109 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.2 %*	*56-127*		"	"	"	"	
SB/SG18-35, 1PV (E503104-03) Vapor Sampled: 24-Mar-15 Received: 24-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52402	24-Mar-15	24-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**54**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**150**	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**1400**	40	"	"	"	"	"	"	
Chloroform	**27**	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	**240**	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**9100**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	**77**	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**9400**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG18-35, 1PV (E503104-03) Vapor Sampled: 24-Mar-15 Received: 24-Mar-15									
n-Propylbenzene	ND	50	ug/m3	1	EC52402	24-Mar-15	24-Mar-15	TO-15	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*112 %*	*67-141*		*"*	*"*	*"*	*"*	
Surrogate: Toluene-d8		*98.4 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*94.7 %*	*56-127*		*"*	*"*	*"*	*"*	
SB/SG18-35, 3PV (E503104-04) Vapor Sampled: 24-Mar-15 Received: 24-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52402	24-Mar-15	24-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**110**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**140**	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**1500**	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	**230**	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**9300**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG18-35, 3PV (E503104-04) Vapor Sampled: 24-Mar-15 Received: 24-Mar-15									
1,1,2-Trichloroethane	ND	55	ug/m3	1	EC52402	24-Mar-15	24-Mar-15	TO-15	
Tetrachloroethene	**10000**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*106 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.1 %*	*56-127*		"	"	"	"	
SB/SG18-15, 10PV (E503104-05) Vapor Sampled: 24-Mar-15 Received: 24-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52402	24-Mar-15	24-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG18-15, 10PV (E503104-05) Vapor Sampled: 24-Mar-15 Received: 24-Mar-15									
1,1,1-Trichloroethane	ND	28	ug/m3	1	EC52402	24-Mar-15	24-Mar-15	TO-15	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**43**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**280**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**1600**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*93.2 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*	*56-127*		"	"	"	"	

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2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG18-35, 10PV (E503104-06) Vapor Sampled: 24-Mar-15 Received: 24-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52402	24-Mar-15	24-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**53**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**110**	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**1400**	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	**220**	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**8900**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**9100**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	

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2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG18-35, 10PV (E503104-06) Vapor Sampled: 24-Mar-15 Received: 24-Mar-15									
Naphthalene	ND	27	ug/m3	1	EC52402	24-Mar-15	24-Mar-15	TO-15	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*112 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*94.1 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*87.3 %*	*56-127*		"	"	"	"	
SB/SG17-5 (E503104-07) Vapor Sampled: 24-Mar-15 Received: 24-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52402	24-Mar-15	24-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	**710**	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**3400**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**9700**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	

H&P Mobile
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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG17-5 (E503104-07) Vapor Sampled: 24-Mar-15 Received: 24-Mar-15									
n-Propylbenzene	ND	50	ug/m3	1	EC52402	24-Mar-15	24-Mar-15	TO-15	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*92.5 %*	*67-141*		*"*	*"*	*"*	*"*	
Surrogate: Toluene-d8		*103 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*90.8 %*	*56-127*		*"*	*"*	*"*	*"*	
SB/SG17-15 (E503104-08) Vapor Sampled: 24-Mar-15 Received: 24-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52402	24-Mar-15	24-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**97**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	**260**	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**24**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**5600**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG17-15 (E503104-08) Vapor Sampled: 24-Mar-15 Received: 24-Mar-15									
1,1,2-Trichloroethane	ND	55	ug/m3	1	EC52402	24-Mar-15	24-Mar-15	TO-15	
Tetrachloroethene	**29000**	690	"	20	"	"	25-Mar-15	"	A
1,1,1,2-Tetrachloroethane	ND	70	"	1	"	"	24-Mar-15	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.1 %*	*56-127*		"	"	"	"	
SB/SG17-15 Rep (E503104-09) Vapor Sampled: 24-Mar-15 Received: 24-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52402	24-Mar-15	24-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**98**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG17-15 Rep (E503104-09) Vapor Sampled: 24-Mar-15 Received: 24-Mar-15									
1,1,1-Trichloroethane	**250**	28	ug/m3	1	EC52402	24-Mar-15	24-Mar-15	TO-15	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**28**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**4600**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**19000**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*113 %*		*67-141*	"	"	"	"	
Surrogate: Toluene-d8		*100 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*79.5 %*		*56-127*	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG17-25 (E503104-10) Vapor Sampled: 24-Mar-15 Received: 24-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52402	24-Mar-15	24-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**100**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	**180**	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**30**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**5900**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**28000**	340	"	10	"	"	25-Mar-15	"	A
1,1,1,2-Tetrachloroethane	ND	70	"	1	"	"	24-Mar-15	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG17-25 (E503104-10) Vapor Sampled: 24-Mar-15 Received: 24-Mar-15									
Naphthalene	ND	27	ug/m3	1	EC52402	24-Mar-15	24-Mar-15	TO-15	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.2 %*	*56-127*		"	"	"	"	
SB/SG17-35 (E503104-11) Vapor Sampled: 24-Mar-15 Received: 24-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52402	24-Mar-15	24-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**110**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**210**	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**2200**	40	"	"	"	"	"	"	
Chloroform	**93**	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**34000**	270	"	10	"	"	"	"	
1,4-Dioxane	ND	36	"	1	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**13000**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG17-35 (E503104-11) Vapor Sampled: 24-Mar-15 Received: 24-Mar-15									
n-Propylbenzene	ND	50	ug/m3	1	EC52402	24-Mar-15	24-Mar-15	TO-15	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*107 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*	*56-127*		"	"	"	"	
SB/SG16-35 (E503112-01) Vapor Sampled: 25-Mar-15 Received: 25-Mar-15									
1,1-Difluoroethane (LCC)	ND	680	ug/m3	25	EC52502	25-Mar-15	25-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	1300	"	"	"	"	"	"	
Chloromethane	ND	520	"	"	"	"	"	"	
Vinyl chloride	ND	320	"	"	"	"	"	"	
Bromomethane	ND	990	"	"	"	"	"	"	
Chloroethane	ND	670	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	1400	"	"	"	"	"	"	
1,1-Dichloroethene	ND	500	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	1900	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	880	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1000	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1000	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**1800**	1000	"	"	"	"	"	"	
Chloroform	ND	620	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	690	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	510	"	"	"	"	"	"	
Benzene	ND	400	"	"	"	"	"	"	
Carbon tetrachloride	ND	320	"	"	"	"	"	"	
Trichloroethene	**38000**	680	"	"	"	"	"	"	
1,4-Dioxane	ND	910	"	"	"	"	"	"	
Bromodichloromethane	ND	1700	"	"	"	"	"	"	
Toluene	ND	950	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG16-35 (E503112-01) Vapor Sampled: 25-Mar-15 Received: 25-Mar-15									
1,1,2-Trichloroethane	ND	1400	ug/m3	25	EC52502	25-Mar-15	25-Mar-15	TO-15	
Tetrachloroethene	**12000**	860	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1700	"	"	"	"	"	"	
Ethylbenzene	ND	550	"	"	"	"	"	"	
m,p-Xylene	ND	1100	"	"	"	"	"	"	
o-Xylene	ND	550	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1700	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	1200	"	"	"	"	"	"	
n-Propylbenzene	ND	1200	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1200	"	"	"	"	"	"	
tert-Butylbenzene	ND	1400	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1200	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1500	"	"	"	"	"	"	
sec-Butylbenzene	ND	700	"	"	"	"	"	"	
p-Isopropyltoluene	ND	700	"	"	"	"	"	"	
n-Butylbenzene	ND	700	"	"	"	"	"	"	
Naphthalene	ND	660	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1900	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*		*67-141*	"	"	"	"	
Surrogate: Toluene-d8		*99.6 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.6 %*		*56-127*	"	"	"	"	
SB/SG18-5 (E503112-02) Vapor Sampled: 25-Mar-15 Received: 25-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52502	25-Mar-15	25-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG18-5 (E503112-02) Vapor Sampled: 25-Mar-15 Received: 25-Mar-15									
1,1,1-Trichloroethane	**52**	28	ug/m3	1	EC52502	25-Mar-15	25-Mar-15	TO-15	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**81**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**540**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*115 %*		*67-141*	"	"	"	"	
Surrogate: Toluene-d8		*98.5 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90.2 %*		*56-127*	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG18-25 (E503112-03) Vapor Sampled: 25-Mar-15 Received: 25-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52502	25-Mar-15	25-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	**38**	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**29**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**800**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**4300**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG18-25 (E503112-03) Vapor Sampled: 25-Mar-15 Received: 25-Mar-15									
Naphthalene	ND	27	ug/m3	1	EC52502	25-Mar-15	25-Mar-15	TO-15	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*109 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.2 %*	*56-127*		"	"	"	"	
SB/SG09-5 (E503112-04) Vapor Sampled: 25-Mar-15 Received: 25-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52502	25-Mar-15	25-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**45**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	**190**	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**360**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG09-5 (E503112-04) Vapor Sampled: 25-Mar-15 Received: 25-Mar-15									
n-Propylbenzene	ND	50	ug/m3	1	EC52502	25-Mar-15	25-Mar-15	TO-15	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*106 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.2 %*	*56-127*		"	"	"	"	
SB/SG09-15 (E503112-05) Vapor Sampled: 25-Mar-15 Received: 25-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52502	25-Mar-15	25-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**3100**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	**200**	38	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG09-15 (E503112-05) Vapor Sampled: 25-Mar-15 Received: 25-Mar-15									
1,1,2-Trichloroethane	ND	55	ug/m3	1	EC52502	25-Mar-15	25-Mar-15	TO-15	
Tetrachloroethene	**1000**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*116 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90.0 %*	*56-127*		"	"	"	"	
SB/SG09-15 Rep (E503112-06) Vapor Sampled: 25-Mar-15 Received: 25-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52502	25-Mar-15	25-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG09-15 Rep (E503112-06) Vapor Sampled: 25-Mar-15 Received: 25-Mar-15									
1,1,1-Trichloroethane	ND	28	ug/m3	1	EC52502	25-Mar-15	25-Mar-15	TO-15	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**2800**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	**220**	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**1000**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*107 %*	*56-127*		"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG09-25 (E503112-07) Vapor Sampled: 25-Mar-15 Received: 25-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52502	25-Mar-15	25-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**450**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**150**	40	"	"	"	"	"	"	
1,1-Dichloroethane	**140**	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**340**	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**31**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**63000**	270	"	10	"	"	"	"	
1,4-Dioxane	ND	36	"	1	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	**290**	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**2000**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG09-25 (E503112-07) Vapor Sampled: 25-Mar-15 Received: 25-Mar-15									
Naphthalene	ND	27	ug/m3	1	EC52502	25-Mar-15	25-Mar-15	TO-15	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*120 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*109 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.3 %*	*56-127*		"	"	"	"	
SB/SG09-35 (E503112-08) Vapor Sampled: 25-Mar-15 Received: 25-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52502	25-Mar-15	25-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**24**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**180**	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**1400**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	**310**	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**180**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG09-35 (E503112-08) Vapor Sampled: 25-Mar-15 Received: 25-Mar-15									
n-Propylbenzene	ND	50	ug/m3	1	EC52502	25-Mar-15	25-Mar-15	TO-15	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*67-141*		*"*	*"*	*"*	*"*	
Surrogate: Toluene-d8		*104 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*80.3 %*	*56-127*		*"*	*"*	*"*	*"*	
SB/SG19-5 (E503112-09) Vapor Sampled: 25-Mar-15 Received: 25-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52502	25-Mar-15	25-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**260**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG19-5 (E503112-09) Vapor Sampled: 25-Mar-15 Received: 25-Mar-15									
1,1,2-Trichloroethane	ND	55	ug/m3	1	EC52502	25-Mar-15	25-Mar-15	TO-15	
Tetrachloroethene	**420**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*107 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.3 %*	*56-127*		"	"	"	"	
SB/SG19-15 (E503112-10) Vapor Sampled: 25-Mar-15 Received: 25-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52502	25-Mar-15	25-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**47**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**84**	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG19-15 (E503112-10) Vapor Sampled: 25-Mar-15 Received: 25-Mar-15									
1,1,1-Trichloroethane	ND	28	ug/m3	1	EC52502	25-Mar-15	25-Mar-15	TO-15	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**45**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**17000**	270	"	10	"	"	"	"	
1,4-Dioxane	ND	36	"	1	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**1700**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.5 %*	*56-127*		"	"	"	"	

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2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG19-35 (E503117-01) Vapor Sampled: 26-Mar-15 Received: 26-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52601	26-Mar-15	26-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**110**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**210**	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**2300**	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**17**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**27000**	270	"	10	"	"	"	"	
1,4-Dioxane	ND	36	"	1	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	**51**	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**6200**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	

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Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG19-35 (E503117-01) Vapor Sampled: 26-Mar-15 Received: 26-Mar-15									
Naphthalene	ND	27	ug/m3	1	EC52601	26-Mar-15	26-Mar-15	TO-15	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92.2 %*	*56-127*		"	"	"	"	
SB/SG19-25 (E503117-02) Vapor Sampled: 26-Mar-15 Received: 26-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52601	26-Mar-15	26-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**670**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**200**	40	"	"	"	"	"	"	
1,1-Dichloroethane	**120**	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**580**	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**57**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**180000**	1400	"	50	"	"	"	"	
1,4-Dioxane	ND	36	"	1	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**8700**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	

H&P Mobile
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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG19-25 (E503117-02) Vapor Sampled: 26-Mar-15 Received: 26-Mar-15									
n-Propylbenzene	ND	50	ug/m3	1	EC52601	26-Mar-15	26-Mar-15	TO-15	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*67-141*		*"*	*"*	*"*	*"*	
Surrogate: Toluene-d8		*106 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*88.2 %*	*56-127*		*"*	*"*	*"*	*"*	
SB/SG11-5 (E503117-03) Vapor Sampled: 26-Mar-15 Received: 26-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52601	26-Mar-15	26-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**110**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG11-5 (E503117-03) Vapor Sampled: 26-Mar-15 Received: 26-Mar-15									
1,1,2-Trichloroethane	ND	55	ug/m3	1	EC52601	26-Mar-15	26-Mar-15	TO-15	
Tetrachloroethene	**560**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*112 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.8 %*	*56-127*		"	"	"	"	
SB/SG11-15 (E503117-04) Vapor Sampled: 26-Mar-15 Received: 26-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52601	26-Mar-15	26-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**180**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG11-15 (E503117-04) Vapor Sampled: 26-Mar-15 Received: 26-Mar-15									
1,1,1-Trichloroethane	ND	28	ug/m3	1	EC52601	26-Mar-15	26-Mar-15	TO-15	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**43**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**17000**	270	"	10	"	"	"	"	
1,4-Dioxane	ND	36	"	1	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**4700**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*		*67-141*	"	"	"	"	
Surrogate: Toluene-d8		*109 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.0 %*		*56-127*	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG11-25 (E503117-05) Vapor Sampled: 26-Mar-15 Received: 26-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52601	26-Mar-15	26-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**370**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**90**	40	"	"	"	"	"	"	
1,1-Dichloroethane	**62**	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**120**	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**52**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**77000**	680	"	25	"	"	"	"	
1,4-Dioxane	ND	36	"	1	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**9200**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG11-25 (E503117-05) Vapor Sampled: 26-Mar-15 Received: 26-Mar-15									
Naphthalene	ND	27	ug/m3	1	EC52601	26-Mar-15	26-Mar-15	TO-15	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.1 %*	*56-127*		"	"	"	"	
SB/SG07-5 (E503117-06) Vapor Sampled: 26-Mar-15 Received: 26-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52601	26-Mar-15	26-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**180**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**68**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG07-5 (E503117-06) Vapor Sampled: 26-Mar-15 Received: 26-Mar-15									
n-Propylbenzene	ND	50	ug/m3	1	EC52601	26-Mar-15	26-Mar-15	TO-15	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*119 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.9 %*	*56-127*		"	"	"	"	
SB/SG07-5 Rep (E503117-07) Vapor Sampled: 26-Mar-15 Received: 26-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52601	26-Mar-15	26-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**240**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	

H&P Mobile
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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG07-5 Rep (E503117-07) Vapor Sampled: 26-Mar-15 Received: 26-Mar-15									
1,1,2-Trichloroethane	ND	55	ug/m3	1	EC52601	26-Mar-15	26-Mar-15	TO-15	
Tetrachloroethene	**39**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*106 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*83.8 %*	*56-127*		"	"	"	"	
SB/SG11-35 (E503117-08) Vapor Sampled: 26-Mar-15 Received: 26-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52601	26-Mar-15	26-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**120**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**260**	40	"	"	"	"	"	"	
1,1-Dichloroethane	**47**	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**2000**	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG11-35 (E503117-08) Vapor Sampled: 26-Mar-15 Received: 26-Mar-15									
1,1,1-Trichloroethane	ND	28	ug/m3	1	EC52601	26-Mar-15	26-Mar-15	TO-15	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**20**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**34000**	270	"	10	"	"	"	"	
1,4-Dioxane	ND	36	"	1	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**12000**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*92.1 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*82.1 %*	*56-127*		"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG07-15 (E503117-09) Vapor Sampled: 26-Mar-15 Received: 26-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52601	26-Mar-15	26-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**61**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**36**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG07-15 (E503117-09) Vapor Sampled: 26-Mar-15 Received: 26-Mar-15									
Naphthalene	ND	27	ug/m3	1	EC52601	26-Mar-15	26-Mar-15	TO-15	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*118 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*82.1 %*	*56-127*		"	"	"	"	
SB/SG07-25 (E503131-01) Vapor Sampled: 27-Mar-15 Received: 27-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52703	27-Mar-15	27-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**98**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**33**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	ND	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG07-25 (E503131-01) Vapor Sampled: 27-Mar-15 Received: 27-Mar-15									
n-Propylbenzene	ND	50	ug/m3	1	EC52703	27-Mar-15	27-Mar-15	TO-15	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*121 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*	*56-127*		"	"	"	"	
SB/SG07-35 (E503131-02) Vapor Sampled: 27-Mar-15 Received: 27-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52703	27-Mar-15	27-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**71**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**110**	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**1400**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG07-35 (E503131-02) Vapor Sampled: 27-Mar-15 Received: 27-Mar-15									
1,1,2-Trichloroethane	ND	55	ug/m3	1	EC52703	27-Mar-15	27-Mar-15	TO-15	
Tetrachloroethene	ND	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*92.1 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.6 %*	*56-127*		"	"	"	"	
SB/SG08-5 (E503131-03) Vapor Sampled: 27-Mar-15 Received: 27-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52703	27-Mar-15	27-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG08-5 (E503131-03) Vapor Sampled: 27-Mar-15 Received: 27-Mar-15									
1,1,1-Trichloroethane	ND	28	ug/m3	1	EC52703	27-Mar-15	27-Mar-15	TO-15	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**140**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**810**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*110 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*103 %*	*56-127*		"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG08-15 (E503131-04) Vapor Sampled: 27-Mar-15 Received: 27-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52703	27-Mar-15	27-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	**32**	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**350**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**1700**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG08-15 (E503131-04) Vapor Sampled: 27-Mar-15 Received: 27-Mar-15									
Naphthalene	ND	27	ug/m3	1	EC52703	27-Mar-15	27-Mar-15	TO-15	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*109 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*80.4 %*	*56-127*		"	"	"	"	
SB/SG08-25 (E503131-05) Vapor Sampled: 27-Mar-15 Received: 27-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52703	27-Mar-15	27-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**33**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**1200**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**550**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG08-25 (E503131-05) Vapor Sampled: 27-Mar-15 Received: 27-Mar-15									
n-Propylbenzene	ND	50	ug/m3	1	EC52703	27-Mar-15	27-Mar-15	TO-15	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*67-141*		*"*	*"*	*"*	*"*	
Surrogate: Toluene-d8		*102 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*56-127*		*"*	*"*	*"*	*"*	
SB/SG08-35 (E503131-06) Vapor Sampled: 27-Mar-15 Received: 27-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52703	27-Mar-15	27-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**190**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**370**	40	"	"	"	"	"	"	
1,1-Dichloroethane	**73**	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**3400**	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**23000**	270	"	10	"	"	"	"	
1,4-Dioxane	ND	36	"	1	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG08-35 (E503131-06) Vapor Sampled: 27-Mar-15 Received: 27-Mar-15									
1,1,2-Trichloroethane	ND	55	ug/m3	1	EC52703	27-Mar-15	27-Mar-15	TO-15	
Tetrachloroethene	**580**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*107 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*	*56-127*		"	"	"	"	
SB/SG10-5 (E503131-07) Vapor Sampled: 27-Mar-15 Received: 27-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52703	27-Mar-15	27-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG10-5 (E503131-07) Vapor Sampled: 27-Mar-15 Received: 27-Mar-15									
1,1,1-Trichloroethane	**50**	28	ug/m3	1	EC52703	27-Mar-15	27-Mar-15	TO-15	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**290**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**2900**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*107 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*84.2 %*	*56-127*		"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG10-5 Rep (E503131-08) Vapor Sampled: 27-Mar-15 Received: 27-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52703	27-Mar-15	27-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	**38**	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**250**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**2800**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG10-5 Rep (E503131-08) Vapor Sampled: 27-Mar-15 Received: 27-Mar-15									
Naphthalene	ND	27	ug/m3	1	EC52703	27-Mar-15	27-Mar-15	TO-15	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*112 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*84.6 %*	*56-127*		"	"	"	"	
SB/SG10-15 (E503131-09) Vapor Sampled: 27-Mar-15 Received: 27-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52703	27-Mar-15	27-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**27**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	**40**	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**37**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**3700**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	**92**	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**3600**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	

H&P Mobile
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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG10-15 (E503131-09) Vapor Sampled: 27-Mar-15 Received: 27-Mar-15									
n-Propylbenzene	ND	50	ug/m3	1	EC52703	27-Mar-15	27-Mar-15	TO-15	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*119 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90.5 %*	*56-127*		"	"	"	"	
SB/SG10-25 (E503131-10) Vapor Sampled: 27-Mar-15 Received: 27-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52703	27-Mar-15	27-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**110**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**63**	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**24**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**6400**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	**76**	38	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG10-25 (E503131-10) Vapor Sampled: 27-Mar-15 Received: 27-Mar-15									
1,1,2-Trichloroethane	ND	55	ug/m3	1	EC52703	27-Mar-15	27-Mar-15	TO-15	
Tetrachloroethene	**1600**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*120 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.1 %*	*56-127*		"	"	"	"	
SB/SG10-35 (E503131-11) Vapor Sampled: 27-Mar-15 Received: 27-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52703	27-Mar-15	27-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**270**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**500**	40	"	"	"	"	"	"	
1,1-Dichloroethane	**110**	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**5800**	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG10-35 (E503131-11) Vapor Sampled: 27-Mar-15 Received: 27-Mar-15									
1,1,1-Trichloroethane	ND	28	ug/m3	1	EC52703	27-Mar-15	27-Mar-15	TO-15	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**20**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**42000**	270	"	10	"	"	"	"	
1,4-Dioxane	ND	36	"	1	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	**81**	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**3500**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*110 %*		*67-141*	"	"	"	"	
Surrogate: Toluene-d8		*104 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*80.4 %*		*56-127*	"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG12-5 (E503131-12) Vapor Sampled: 27-Mar-15 Received: 27-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52703	27-Mar-15	27-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	**130**	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**180**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**5700**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG12-5 (E503131-12) Vapor Sampled: 27-Mar-15 Received: 27-Mar-15									
Naphthalene	ND	27	ug/m3	1	EC52703	27-Mar-15	27-Mar-15	TO-15	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*120 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.7 %*	*56-127*		"	"	"	"	
SB/SG12-15 (E503131-13) Vapor Sampled: 27-Mar-15 Received: 27-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52703	27-Mar-15	27-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	**120**	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**490**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	**71**	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**5400**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG12-15 (E503131-13) Vapor Sampled: 27-Mar-15 Received: 27-Mar-15									
n-Propylbenzene	ND	50	ug/m3	1	EC52703	27-Mar-15	27-Mar-15	TO-15	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*109 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.1 %*	*56-127*		"	"	"	"	
SB/SG12-25 (E503131-14) Vapor Sampled: 27-Mar-15 Received: 27-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC52703	27-Mar-15	27-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	**46**	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**410**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**53**	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**16**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**860**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG12-25 (E503131-14) Vapor Sampled: 27-Mar-15 Received: 27-Mar-15									
1,1,2-Trichloroethane	ND	55	ug/m3	1	EC52703	27-Mar-15	27-Mar-15	TO-15	
Tetrachloroethene	**1300**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*123 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*109 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*86.0 %*	*56-127*		"	"	"	"	
SB/SG12-35 (E503140-01) Vapor Sampled: 30-Mar-15 Received: 30-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC53003	30-Mar-15	30-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	**87**	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**680**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**120**	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**890**	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG12-35 (E503140-01) Vapor Sampled: 30-Mar-15 Received: 30-Mar-15									
1,1,1-Trichloroethane	ND	28	ug/m3	1	EC53003	30-Mar-15	30-Mar-15	TO-15	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**22**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**6900**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	**47**	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**1100**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98.5 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*106 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.8 %*	*56-127*		"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG13-5 (E503140-02) Vapor Sampled: 30-Mar-15 Received: 30-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC53003	30-Mar-15	30-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	**450**	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**5000**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**13000**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG13-5 (E503140-02) Vapor Sampled: 30-Mar-15 Received: 30-Mar-15									
Naphthalene	ND	27	ug/m3	1	EC53003	30-Mar-15	30-Mar-15	TO-15	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*94.7 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.8 %*	*56-127*		"	"	"	"	
SB/SG13-15 (E503140-03) Vapor Sampled: 30-Mar-15 Received: 30-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC53003	30-Mar-15	30-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**41**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	**320**	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**27**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**17000**	270	"	10	"	"	"	"	
1,4-Dioxane	ND	36	"	1	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**29000**	340	"	10	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	1	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG13-15 (E503140-03) Vapor Sampled: 30-Mar-15 Received: 30-Mar-15									
n-Propylbenzene	ND	50	ug/m3	1	EC53003	30-Mar-15	30-Mar-15	TO-15	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*67-141*		*"*	*"*	*"*	*"*	
Surrogate: Toluene-d8		*103 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*86.9 %*	*56-127*		*"*	*"*	*"*	*"*	
SB/SG13-25 (E503140-04) Vapor Sampled: 30-Mar-15 Received: 30-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC53003	30-Mar-15	30-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**480**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**42**	40	"	"	"	"	"	"	
Chloroform	**26**	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	**170**	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**48**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**67000**	680	"	25	"	"	"	"	
1,4-Dioxane	ND	36	"	1	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	**63**	38	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG13-25 (E503140-04) Vapor Sampled: 30-Mar-15 Received: 30-Mar-15									
1,1,2-Trichloroethane	ND	55	ug/m3	1	EC53003	30-Mar-15	30-Mar-15	TO-15	
Tetrachloroethene	**51000**	860	"	25	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	1	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*116 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92.0 %*	*56-127*		"	"	"	"	
SB/SG13-35 (E503140-05) Vapor Sampled: 30-Mar-15 Received: 30-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC53003	30-Mar-15	30-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**89**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**73**	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**610**	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG13-35 (E503140-05) Vapor Sampled: 30-Mar-15 Received: 30-Mar-15									
1,1,1-Trichloroethane	**38**	28	ug/m3	1	EC53003	30-Mar-15	30-Mar-15	TO-15	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**32**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**110000**	550	"	20	"	"	"	"	
1,4-Dioxane	ND	36	"	1	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	**65**	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**9400**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	**51**	44	"	"	"	"	"	"	
o-Xylene	**23**	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*114 %*		*67-141*	"	"	"	"	
Surrogate: Toluene-d8		*106 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.7 %*		*56-127*	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG14-5 (E503140-06) Vapor Sampled: 30-Mar-15 Received: 30-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC53003	30-Mar-15	30-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	**540**	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**2100**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**13000**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG14-5 (E503140-06) Vapor Sampled: 30-Mar-15 Received: 30-Mar-15									
Naphthalene	ND	27	ug/m3	1	EC53003	30-Mar-15	30-Mar-15	TO-15	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*98.6 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.6 %*	*56-127*		"	"	"	"	
SB/SG14-5 Rep (E503140-07) Vapor Sampled: 30-Mar-15 Received: 30-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC53003	30-Mar-15	30-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	**550**	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**18**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**1700**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**13000**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG14-5 Rep (E503140-07) Vapor Sampled: 30-Mar-15 Received: 30-Mar-15									
n-Propylbenzene	ND	50	ug/m3	1	EC53003	30-Mar-15	30-Mar-15	TO-15	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*112 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*106 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.9 %*	*56-127*		"	"	"	"	
SB/SG14-15 (E503140-08) Vapor Sampled: 30-Mar-15 Received: 30-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC53003	30-Mar-15	30-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**39**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	**260**	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**28**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**2700**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG14-15 (E503140-08) Vapor Sampled: 30-Mar-15 Received: 30-Mar-15									
1,1,2-Trichloroethane	ND	55	ug/m3	1	EC53003	30-Mar-15	30-Mar-15	TO-15	
Tetrachloroethene	**11000**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*99.4 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.6 %*	*56-127*		"	"	"	"	
SB/SG14-35 (E503140-09) Vapor Sampled: 30-Mar-15 Received: 30-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC53003	30-Mar-15	30-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**370**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**370**	40	"	"	"	"	"	"	
1,1-Dichloroethane	**43**	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**2600**	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG14-35 (E503140-09) Vapor Sampled: 30-Mar-15 Received: 30-Mar-15									
1,1,1-Trichloroethane	**170**	28	ug/m3	1	EC53003	30-Mar-15	30-Mar-15	TO-15	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**18**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**390000**	1400	"	50	"	"	"	"	
1,4-Dioxane	ND	36	"	1	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**16000**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*117 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.7 %*	*56-127*		"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG14-25 (E503140-10) Vapor Sampled: 30-Mar-15 Received: 30-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC53003	30-Mar-15	30-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**110**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	**110**	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**27**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**8800**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**18000**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	

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2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG14-25 (E503140-10) Vapor Sampled: 30-Mar-15 Received: 30-Mar-15									
Naphthalene	ND	27	ug/m3	1	EC53003	30-Mar-15	30-Mar-15	TO-15	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*99.7 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*86.4 %*	*56-127*		"	"	"	"	
SB/SG15-5 (E503140-11) Vapor Sampled: 30-Mar-15 Received: 30-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC53003	30-Mar-15	30-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	**1500**	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**7500**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**16000**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG15-5 (E503140-11) Vapor Sampled: 30-Mar-15 Received: 30-Mar-15									
n-Propylbenzene	ND	50	ug/m3	1	EC53003	30-Mar-15	30-Mar-15	TO-15	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*94.5 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*85.3 %*	*56-127*		"	"	"	"	
SB/SG15-15 (E503146-01) Vapor Sampled: 31-Mar-15 Received: 31-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC53103	31-Mar-15	31-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**74**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	**810**	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**36**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**7900**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG15-15 (E503146-01) Vapor Sampled: 31-Mar-15 Received: 31-Mar-15									
1,1,2-Trichloroethane	ND	55	ug/m3	1	EC53103	31-Mar-15	31-Mar-15	TO-15	
Tetrachloroethene	**22000**	340	"	10	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	1	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*98.3 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.5 %*	*56-127*		"	"	"	"	
SB/SG15-25 (E503146-02) Vapor Sampled: 31-Mar-15 Received: 31-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC53103	31-Mar-15	31-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**98**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG15-25 (E503146-02) Vapor Sampled: 31-Mar-15 Received: 31-Mar-15									
1,1,1-Trichloroethane	**180**	28	ug/m3	1	EC53103	31-Mar-15	31-Mar-15	TO-15	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**34**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**17000**	270	"	10	"	"	"	"	
1,4-Dioxane	ND	36	"	1	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**46000**	340	"	10	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	1	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	**40**	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.9 %*	*56-127*		"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG15-35 (E503146-03) Vapor Sampled: 31-Mar-15 Received: 31-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC53103	31-Mar-15	31-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**130**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**130**	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**610**	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	**320**	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**160000**	680	"	25	"	"	"	"	
1,4-Dioxane	ND	36	"	1	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**12000**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG15-35 (E503146-03) Vapor Sampled: 31-Mar-15 Received: 31-Mar-15									
Naphthalene	ND	27	ug/m3	1	EC53103	31-Mar-15	31-Mar-15	TO-15	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*80.0 %*	*56-127*		"	"	"	"	
SB/SG26-5 (E503146-04) Vapor Sampled: 31-Mar-15 Received: 31-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC53103	31-Mar-15	31-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**70**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**50**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG26-5 (E503146-04) Vapor Sampled: 31-Mar-15 Received: 31-Mar-15									
n-Propylbenzene	ND	50	ug/m3	1	EC53103	31-Mar-15	31-Mar-15	TO-15	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*67-141*		*"*	*"*	*"*	*"*	
Surrogate: Toluene-d8		*102 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*91.3 %*	*56-127*		*"*	*"*	*"*	*"*	
SB/SG26-15 (E503146-05) Vapor Sampled: 31-Mar-15 Received: 31-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC53103	31-Mar-15	31-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**29**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	

H&P Mobile
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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG26-15 (E503146-05) Vapor Sampled: 31-Mar-15 Received: 31-Mar-15									
1,1,2-Trichloroethane	ND	55	ug/m3	1	EC53103	31-Mar-15	31-Mar-15	TO-15	
Tetrachloroethene	ND	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*99.8 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*84.8 %*	*56-127*		"	"	"	"	
SB/SG26-25 (E503146-06) Vapor Sampled: 31-Mar-15 Received: 31-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC53103	31-Mar-15	31-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG26-25 (E503146-06) Vapor Sampled: 31-Mar-15 Received: 31-Mar-15									
1,1,1-Trichloroethane	ND	28	ug/m3	1	EC53103	31-Mar-15	31-Mar-15	TO-15	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**46**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	ND	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.0 %*	*56-127*		"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG26-35 (E503146-07) Vapor Sampled: 31-Mar-15 Received: 31-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC53103	31-Mar-15	31-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**110**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**230**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG26-35 (E503146-07) Vapor Sampled: 31-Mar-15 Received: 31-Mar-15									
Naphthalene	ND	27	ug/m3	1	EC53103	31-Mar-15	31-Mar-15	TO-15	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.9 %*	*56-127*		"	"	"	"	
SB/SG26-35 Rep (E503146-08) Vapor Sampled: 31-Mar-15 Received: 31-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC53103	31-Mar-15	31-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**53**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**170**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG26-35 Rep (E503146-08) Vapor Sampled: 31-Mar-15 Received: 31-Mar-15									
n-Propylbenzene	ND	50	ug/m3	1	EC53103	31-Mar-15	31-Mar-15	TO-15	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*	*56-127*		"	"	"	"	
SB/SG25-5 (E503146-09) Vapor Sampled: 31-Mar-15 Received: 31-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC53103	31-Mar-15	31-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	**31**	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG25-5 (E503146-09) Vapor Sampled: 31-Mar-15 Received: 31-Mar-15									
1,1,2-Trichloroethane	ND	55	ug/m3	1	EC53103	31-Mar-15	31-Mar-15	TO-15	
Tetrachloroethene	ND	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.6 %*	*56-127*		"	"	"	"	
SB/SG25-15 (E503146-10) Vapor Sampled: 31-Mar-15 Received: 31-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC53103	31-Mar-15	31-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG25-15 (E503146-10) Vapor Sampled: 31-Mar-15 Received: 31-Mar-15									
1,1,1-Trichloroethane	**30**	28	ug/m3	1	EC53103	31-Mar-15	31-Mar-15	TO-15	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**48**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	ND	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92.1 %*	*56-127*		"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG25-25 (E503146-11) Vapor Sampled: 31-Mar-15 Received: 31-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC53103	31-Mar-15	31-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	**29**	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	ND	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG25-25 (E503146-11) Vapor Sampled: 31-Mar-15 Received: 31-Mar-15									
Naphthalene	ND	27	ug/m3	1	EC53103	31-Mar-15	31-Mar-15	TO-15	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*98.8 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.8 %*	*56-127*		"	"	"	"	
SB/SG25-35 (E503146-12) Vapor Sampled: 31-Mar-15 Received: 31-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC53103	31-Mar-15	31-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**72**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**310**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG25-35 (E503146-12) Vapor Sampled: 31-Mar-15 Received: 31-Mar-15									
n-Propylbenzene	ND	50	ug/m3	1	EC53103	31-Mar-15	31-Mar-15	TO-15	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*67-141*		*"*	*"*	*"*	*"*	
Surrogate: Toluene-d8		*102 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*90.6 %*	*56-127*		*"*	*"*	*"*	*"*	
SB/SG24-5 (E503146-13) Vapor Sampled: 31-Mar-15 Received: 31-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC53103	31-Mar-15	31-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG24-5 (E503146-13) Vapor Sampled: 31-Mar-15 Received: 31-Mar-15									
1,1,2-Trichloroethane	ND	55	ug/m3	1	EC53103	31-Mar-15	31-Mar-15	TO-15	
Tetrachloroethene	ND	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*	*56-127*		"	"	"	"	
SB/SG24-15 (E503146-14) Vapor Sampled: 31-Mar-15 Received: 31-Mar-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EC53103	31-Mar-15	31-Mar-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG24-15 (E503146-14) Vapor Sampled: 31-Mar-15 Received: 31-Mar-15									
1,1,1-Trichloroethane	ND	28	ug/m3	1	EC53103	31-Mar-15	31-Mar-15	TO-15	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	ND	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*99.4 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*106 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*81.4 %*	*56-127*		"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG24-25 (E504002-01) Vapor Sampled: 01-Apr-15 Received: 01-Apr-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	ED50102	01-Apr-15	01-Apr-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	ND	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG24-25 (E504002-01) Vapor Sampled: 01-Apr-15 Received: 01-Apr-15									
Naphthalene	ND	27	ug/m3	1	ED50102	01-Apr-15	01-Apr-15	TO-15	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*92.2 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*86.9 %*	*56-127*		"	"	"	"	
SB/SG24-35 (E504002-02) Vapor Sampled: 01-Apr-15 Received: 01-Apr-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	ED50102	01-Apr-15	01-Apr-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**220**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG24-35 (E504002-02) Vapor Sampled: 01-Apr-15 Received: 01-Apr-15									
n-Propylbenzene	ND	50	ug/m3	1	ED50102	01-Apr-15	01-Apr-15	TO-15	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*67-141*		*"*	*"*	*"*	*"*	
Surrogate: Toluene-d8		*101 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*91.3 %*	*56-127*		*"*	*"*	*"*	*"*	
SB/SG23-5 (E504002-03) Vapor Sampled: 01-Apr-15 Received: 01-Apr-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	ED50102	01-Apr-15	01-Apr-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG23-5 (E504002-03) Vapor Sampled: 01-Apr-15 Received: 01-Apr-15									
1,1,2-Trichloroethane	ND	55	ug/m3	1	ED50102	01-Apr-15	01-Apr-15	TO-15	
Tetrachloroethene	ND	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.5 %*	*56-127*		"	"	"	"	
SB/SG23-15 (E504002-04) Vapor Sampled: 01-Apr-15 Received: 01-Apr-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	ED50102	01-Apr-15	01-Apr-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG23-15 (E504002-04) Vapor Sampled: 01-Apr-15 Received: 01-Apr-15									
1,1,1-Trichloroethane	ND	28	ug/m3	1	ED50102	01-Apr-15	01-Apr-15	TO-15	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**35**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*		*67-141*	"	"	"	"	
Surrogate: Toluene-d8		*109 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.5 %*		*56-127*	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG23-25 (E504002-05) Vapor Sampled: 01-Apr-15 Received: 01-Apr-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	ED50102	01-Apr-15	01-Apr-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**180**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	ND	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG23-25 (E504002-05) Vapor Sampled: 01-Apr-15 Received: 01-Apr-15									
Naphthalene	ND	27	ug/m3	1	ED50102	01-Apr-15	01-Apr-15	TO-15	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*107 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*87.4 %*	*56-127*		"	"	"	"	
SB/SG23-35 (E504002-06) Vapor Sampled: 01-Apr-15 Received: 01-Apr-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	ED50102	01-Apr-15	01-Apr-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	ND	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG23-35 (E504002-06) Vapor Sampled: 01-Apr-15 Received: 01-Apr-15									
n-Propylbenzene	ND	50	ug/m3	1	ED50102	01-Apr-15	01-Apr-15	TO-15	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*120 %*	*67-141*		*"*	*"*	*"*	*"*	
Surrogate: Toluene-d8		*108 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*92.3 %*	*56-127*		*"*	*"*	*"*	*"*	
SB/SG22-5 (E504002-07) Vapor Sampled: 01-Apr-15 Received: 01-Apr-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	ED50102	01-Apr-15	01-Apr-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	

H&P Mobile
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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG22-5 (E504002-07) Vapor Sampled: 01-Apr-15 Received: 01-Apr-15									
1,1,2-Trichloroethane	ND	55	ug/m3	1	ED50102	01-Apr-15	01-Apr-15	TO-15	
Tetrachloroethene	**370**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*119 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*99.0 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*86.3 %*	*56-127*		"	"	"	"	
SB/SG22-25 (E504002-08) Vapor Sampled: 01-Apr-15 Received: 01-Apr-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	ED50102	01-Apr-15	01-Apr-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	**31**	21	"	"	"	"	"	"	
Vinyl chloride	**75**	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**410**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**200**	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**1600**	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG22-25 (E504002-08) Vapor Sampled: 01-Apr-15 Received: 01-Apr-15									
1,1,1-Trichloroethane	ND	28	ug/m3	1	ED50102	01-Apr-15	01-Apr-15	TO-15	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**27**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**1700**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	ND	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*116 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*107 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.8 %*	*56-127*		"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG22-35 (E504002-09) Vapor Sampled: 01-Apr-15 Received: 01-Apr-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	ED50102	01-Apr-15	01-Apr-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**150**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**160**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG22-35 (E504002-09) Vapor Sampled: 01-Apr-15 Received: 01-Apr-15									
Naphthalene	ND	27	ug/m3	1	ED50102	01-Apr-15	01-Apr-15	TO-15	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97.4 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*98.6 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*	*56-127*		"	"	"	"	
SB/SG22-25 Rep (E504002-10) Vapor Sampled: 01-Apr-15 Received: 01-Apr-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	ED50102	01-Apr-15	01-Apr-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	**47**	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**330**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**180**	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**1400**	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**1700**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	ND	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG22-25 Rep (E504002-10) Vapor Sampled: 01-Apr-15 Received: 01-Apr-15									
n-Propylbenzene	ND	50	ug/m3	1	ED50102	01-Apr-15	01-Apr-15	TO-15	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*112 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*	*56-127*		"	"	"	"	
SB/SG20-5 (E504002-11) Vapor Sampled: 01-Apr-15 Received: 01-Apr-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	ED50102	01-Apr-15	01-Apr-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	**38**	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG20-5 (E504002-11) Vapor Sampled: 01-Apr-15 Received: 01-Apr-15									
1,1,2-Trichloroethane	ND	55	ug/m3	1	ED50102	01-Apr-15	01-Apr-15	TO-15	
Tetrachloroethene	**2700**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*119 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*103 %*	*56-127*		"	"	"	"	
SB/SG20-15 (E504002-12) Vapor Sampled: 01-Apr-15 Received: 01-Apr-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	ED50102	01-Apr-15	01-Apr-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG20-15 (E504002-12) Vapor Sampled: 01-Apr-15 Received: 01-Apr-15									
1,1,1-Trichloroethane	**72**	28	ug/m3	1	ED50102	01-Apr-15	01-Apr-15	TO-15	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**22**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**860**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**6700**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*		*67-141*	"	"	"	"	
Surrogate: Toluene-d8		*97.5 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.8 %*		*56-127*	"	"	"	"	

H&P Mobile
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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG20-35 (E504002-13) Vapor Sampled: 01-Apr-15 Received: 01-Apr-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	ED50102	01-Apr-15	01-Apr-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**32**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**80**	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**780**	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**3700**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**2900**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG20-35 (E504002-13) Vapor Sampled: 01-Apr-15 Received: 01-Apr-15									
Naphthalene	ND	27	ug/m3	1	ED50102	01-Apr-15	01-Apr-15	TO-15	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*113 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92.8 %*	*56-127*		"	"	"	"	
SB/SG21-35 (E504011-01) Vapor Sampled: 02-Apr-15 Received: 02-Apr-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	ED50202	02-Apr-15	02-Apr-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**21**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**49**	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**640**	40	"	"	"	"	"	"	
Chloroform	**30**	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**3100**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**3800**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG21-35 (E504011-01) Vapor Sampled: 02-Apr-15 Received: 02-Apr-15									
n-Propylbenzene	ND	50	ug/m3	1	ED50202	02-Apr-15	02-Apr-15	TO-15	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*98.9 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.7 %*	*56-127*		"	"	"	"	
SB/SG21-5 (E504011-02) Vapor Sampled: 02-Apr-15 Received: 02-Apr-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	ED50202	02-Apr-15	02-Apr-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**79**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG21-5 (E504011-02) Vapor Sampled: 02-Apr-15 Received: 02-Apr-15									
1,1,2-Trichloroethane	ND	55	ug/m3	1	ED50202	02-Apr-15	02-Apr-15	TO-15	
Tetrachloroethene	**1100**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*		*67-141*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*		*56-127*	"	"	"	"	
SB/SG21-5 Rep (E504011-03) Vapor Sampled: 02-Apr-15 Received: 02-Apr-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	ED50202	02-Apr-15	02-Apr-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG21-5 Rep (E504011-03) Vapor Sampled: 02-Apr-15 Received: 02-Apr-15									
1,1,1-Trichloroethane	ND	28	ug/m3	1	ED50202	02-Apr-15	02-Apr-15	TO-15	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**88**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**1000**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*112 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*95.3 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*84.1 %*	*56-127*		"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG21-15 (E504011-04) Vapor Sampled: 02-Apr-15 Received: 02-Apr-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	ED50202	02-Apr-15	02-Apr-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**68**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**1000**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG21-15 (E504011-04) Vapor Sampled: 02-Apr-15 Received: 02-Apr-15									
Naphthalene	ND	27	ug/m3	1	ED50202	02-Apr-15	02-Apr-15	TO-15	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*93.6 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*98.9 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*56-127*		"	"	"	"	
SB/SG20-25 (E504011-05) Vapor Sampled: 02-Apr-15 Received: 02-Apr-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	ED50202	02-Apr-15	02-Apr-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**23**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**1200**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
Tetrachloroethene	**7700**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG20-25 (E504011-05) Vapor Sampled: 02-Apr-15 Received: 02-Apr-15									
n-Propylbenzene	ND	50	ug/m3	1	ED50202	02-Apr-15	02-Apr-15	TO-15	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	56	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*109 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.9 %*	*56-127*		"	"	"	"	
SB/SG21-25 (E504011-06) Vapor Sampled: 02-Apr-15 Received: 02-Apr-15									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	ED50202	02-Apr-15	02-Apr-15	TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	**130**	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**130**	40	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**97**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	**1900**	27	"	"	"	"	"	"	
1,4-Dioxane	ND	36	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	

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2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB/SG21-25 (E504011-06) Vapor Sampled: 02-Apr-15 Received: 02-Apr-15									
1,1,2-Trichloroethane	ND	55	ug/m3	1	ED50202	02-Apr-15	02-Apr-15	TO-15	
Tetrachloroethene	**700**	34	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
sec-Butylbenzene	ND	28	"	"	"	"	"	"	
p-Isopropyltoluene	ND	28	"	"	"	"	"	"	
n-Butylbenzene	ND	28	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*	*56-127*		"	"	"	"	

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2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EC52303 - TO-15										
Blank (EC52303-BLK1)				Prepared & Analyzed: 23-Mar-15						
1,1-Difluoroethane (LCC)	ND	27	ug/m3							
Dichlorodifluoromethane (F12)	ND	50	"							
Chloromethane	ND	21	"							
Vinyl chloride	ND	13	"							
Bromomethane	ND	39	"							
Chloroethane	ND	27	"							
Trichlorofluoromethane (F11)	ND	56	"							
1,1-Dichloroethene	ND	20	"							
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"							
Methylene chloride (Dichloromethane)	ND	35	"							
trans-1,2-Dichloroethene	ND	40	"							
1,1-Dichloroethane	ND	41	"							
cis-1,2-Dichloroethene	ND	40	"							
Chloroform	ND	25	"							
1,1,1-Trichloroethane	ND	28	"							
1,2-Dichloroethane (EDC)	ND	21	"							
Benzene	ND	16	"							
Carbon tetrachloride	ND	13	"							
Trichloroethene	ND	27	"							
1,4-Dioxane	ND	36	"							
Bromodichloromethane	ND	68	"							
Toluene	ND	38	"							
1,1,2-Trichloroethane	ND	55	"							
Tetrachloroethene	ND	34	"							
1,1,1,2-Tetrachloroethane	ND	70	"							
Ethylbenzene	ND	22	"							
m,p-Xylene	ND	44	"							
o-Xylene	ND	22	"							
1,1,2,2-Tetrachloroethane	ND	70	"							
Isopropylbenzene (Cumene)	ND	50	"							
n-Propylbenzene	ND	50	"							
1,3,5-Trimethylbenzene	ND	50	"							
tert-Butylbenzene	ND	56	"							
1,2,4-Trimethylbenzene	ND	50	"							

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Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EC52303 - TO-15										
Blank (EC52303-BLK1)				Prepared & Analyzed: 23-Mar-15						
1,4-Dichlorobenzene	ND	61	ug/m3							
sec-Butylbenzene	ND	28	"							
p-Isopropyltoluene	ND	28	"							
n-Butylbenzene	ND	28	"							
Naphthalene	ND	27	"							
1,2,4-Trichlorobenzene	ND	38	"							
Surrogate: 1,2-Dichloroethane-d4	*926*		*"*	*886*		*104*	*67-141*			
Surrogate: Toluene-d8	*872*		*"*	*864*		*101*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*1190*		*"*	*1540*		*77.6*	*56-127*			
LCS (EC52303-BS1)				Prepared & Analyzed: 23-Mar-15						
Dichlorodifluoromethane (F12)	290	50	ug/m3	250		115	65-135			
Vinyl chloride	140	13	"	130		108	65-135			
Chloroethane	170	27	"	134		128	65-135			
Trichlorofluoromethane (F11)	320	56	"	283		112	65-135			
1,1-Dichloroethene	230	20	"	202		113	65-135			
1,1,2-Trichlorotrifluoroethane (F113)	460	77	"	387		119	65-135			
Methylene chloride (Dichloromethane)	160	35	"	177		90.3	65-135			
trans-1,2-Dichloroethene	190	40	"	202		95.3	65-135			
1,1-Dichloroethane	210	41	"	206		104	65-135			
cis-1,2-Dichloroethene	240	40	"	202		117	65-135			
Chloroform	280	25	"	247		114	65-135			
1,1,1-Trichloroethane	340	28	"	276		122	65-135			
1,2-Dichloroethane (EDC)	240	21	"	206		117	65-135			
Benzene	170	16	"	162		105	65-135			
Carbon tetrachloride	410	13	"	320		129	65-135			
Trichloroethene	340	27	"	272		124	65-135			
Toluene	170	38	"	191		90.3	65-135			
1,1,2-Trichloroethane	340	55	"	276		123	65-135			
Tetrachloroethene	430	34	"	345		124	65-135			
1,1,1,2-Tetrachloroethane	460	70	"	349		131	65-135			
Ethylbenzene	240	22	"	220		108	65-135			
m,p-Xylene	490	44	"	440		112	65-135			

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EC52303 - TO-15										
LCS (EC52303-BS1)				Prepared & Analyzed: 23-Mar-15						
o-Xylene	240	22	ug/m3	220		108	65-135			
1,1,2,2-Tetrachloroethane	440	70	"	349		127	65-135			
Surrogate: 1,2-Dichloroethane-d4	*987*		*"*	*886*		*111*	*67-141*			
Surrogate: Toluene-d8	*800*		*"*	*864*		*92.5*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*1630*		*"*	*1540*		*106*	*56-127*			
Batch EC52402 - TO-15										
Blank (EC52402-BLK1)				Prepared & Analyzed: 24-Mar-15						
1,1-Difluoroethane (LCC)	ND	27	ug/m3							
Dichlorodifluoromethane (F12)	ND	50	"							
Chloromethane	ND	21	"							
Vinyl chloride	ND	13	"							
Bromomethane	ND	39	"							
Chloroethane	ND	27	"							
Trichlorofluoromethane (F11)	ND	56	"							
1,1-Dichloroethene	ND	20	"							
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"							
Methylene chloride (Dichloromethane)	ND	35	"							
trans-1,2-Dichloroethene	ND	40	"							
1,1-Dichloroethane	ND	41	"							
cis-1,2-Dichloroethene	ND	40	"							
Chloroform	ND	25	"							
1,1,1-Trichloroethane	ND	28	"							
1,2-Dichloroethane (EDC)	ND	21	"							
Benzene	ND	16	"							
Carbon tetrachloride	ND	13	"							
Trichloroethene	ND	27	"							
1,4-Dioxane	ND	36	"							
Bromodichloromethane	ND	68	"							
Toluene	ND	38	"							
1,1,2-Trichloroethane	ND	55	"							
Tetrachloroethene	ND	34	"							

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EC52402 - TO-15										
Blank (EC52402-BLK1)				Prepared & Analyzed: 24-Mar-15						
1,1,1,2-Tetrachloroethane	ND	70	ug/m3							
Ethylbenzene	ND	22	"							
m,p-Xylene	ND	44	"							
o-Xylene	ND	22	"							
1,1,2,2-Tetrachloroethane	ND	70	"							
Isopropylbenzene (Cumene)	ND	50	"							
n-Propylbenzene	ND	50	"							
1,3,5-Trimethylbenzene	ND	50	"							
tert-Butylbenzene	ND	56	"							
1,2,4-Trimethylbenzene	ND	50	"							
1,4-Dichlorobenzene	ND	61	"							
sec-Butylbenzene	ND	28	"							
p-Isopropyltoluene	ND	28	"							
n-Butylbenzene	ND	28	"							
Naphthalene	ND	27	"							
1,2,4-Trichlorobenzene	ND	38	"							
Surrogate: 1,2-Dichloroethane-d4	*876*		*"*	*886*		*98.9*	*67-141*			
Surrogate: Toluene-d8	*900*		*"*	*864*		*104*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*1160*		*"*	*1540*		*75.2*	*56-127*			
LCS (EC52402-BS1)				Prepared & Analyzed: 24-Mar-15						
Dichlorodifluoromethane (F12)	250	50	ug/m3	250		102	65-135			
Vinyl chloride	120	13	"	130		95.4	65-135			
Chloroethane	120	27	"	134		89.8	65-135			
Trichlorofluoromethane (F11)	310	56	"	283		109	65-135			
1,1-Dichloroethene	210	20	"	202		105	65-135			
1,1,2-Trichlorotrifluoroethane (F113)	380	77	"	387		97.2	65-135			
Methylene chloride (Dichloromethane)	180	35	"	177		104	65-135			
trans-1,2-Dichloroethene	180	40	"	202		90.6	65-135			
1,1-Dichloroethane	180	41	"	206		85.2	65-135			
cis-1,2-Dichloroethene	190	40	"	202		96.6	65-135			
Chloroform	260	25	"	247		104	65-135			
1,1,1-Trichloroethane	300	28	"	276		110	65-135			

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EC52402 - TO-15										
LCS (EC52402-BS1)				Prepared & Analyzed: 24-Mar-15						
1,2-Dichloroethane (EDC)	250	21	ug/m3	206		122	65-135			
Benzene	180	16	"	162		109	65-135			
Carbon tetrachloride	330	13	"	320		104	65-135			
Trichloroethene	310	27	"	272		115	65-135			
Toluene	220	38	"	191		116	65-135			
1,1,2-Trichloroethane	320	55	"	276		116	65-135			
Tetrachloroethene	420	34	"	345		121	65-135			
1,1,1,2-Tetrachloroethane	460	70	"	349		131	65-135			
Ethylbenzene	200	22	"	220		91.1	65-135			
m,p-Xylene	500	44	"	440		114	65-135			
o-Xylene	220	22	"	220		97.6	65-135			
1,1,2,2-Tetrachloroethane	370	70	"	349		105	65-135			
Surrogate: 1,2-Dichloroethane-d4	*893*		*"*	*886*		*101*	*67-141*			
Surrogate: Toluene-d8	*997*		*"*	*864*		*115*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*1410*		*"*	*1540*		*91.6*	*56-127*			
Batch EC52502 - TO-15										
Blank (EC52502-BLK1)				Prepared & Analyzed: 25-Mar-15						
1,1-Difluoroethane (LCC)	ND	27	ug/m3							
Dichlorodifluoromethane (F12)	ND	50	"							
Chloromethane	ND	21	"							
Vinyl chloride	ND	13	"							
Bromomethane	ND	39	"							
Chloroethane	ND	27	"							
Trichlorofluoromethane (F11)	ND	56	"							
1,1-Dichloroethene	ND	20	"							
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"							
Methylene chloride (Dichloromethane)	ND	35	"							
trans-1,2-Dichloroethene	ND	40	"							
1,1-Dichloroethane	ND	41	"							
cis-1,2-Dichloroethene	ND	40	"							
Chloroform	ND	25	"							

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Volatile Organic Compounds by H&P Method TO-15M SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EC52502 - TO-15										
Blank (EC52502-BLK1)				Prepared & Analyzed: 25-Mar-15						
1,1,1-Trichloroethane	ND	28	ug/m3							
1,2-Dichloroethane (EDC)	ND	21	"							
Benzene	ND	16	"							
Carbon tetrachloride	ND	13	"							
Trichloroethene	ND	27	"							
1,4-Dioxane	ND	36	"							
Bromodichloromethane	ND	68	"							
Toluene	ND	38	"							
1,1,2-Trichloroethane	ND	55	"							
Tetrachloroethene	ND	34	"							
1,1,1,2-Tetrachloroethane	ND	70	"							
Ethylbenzene	ND	22	"							
m,p-Xylene	ND	44	"							
o-Xylene	ND	22	"							
1,1,2,2-Tetrachloroethane	ND	70	"							
Isopropylbenzene (Cumene)	ND	50	"							
n-Propylbenzene	ND	50	"							
1,3,5-Trimethylbenzene	ND	50	"							
tert-Butylbenzene	ND	56	"							
1,2,4-Trimethylbenzene	ND	50	"							
1,4-Dichlorobenzene	ND	61	"							
sec-Butylbenzene	ND	28	"							
p-Isopropyltoluene	ND	28	"							
n-Butylbenzene	ND	28	"							
Naphthalene	ND	27	"							
1,2,4-Trichlorobenzene	ND	38	"							
Surrogate: 1,2-Dichloroethane-d4	*877*		*"*	*886*		*99.0*	*67-141*			
Surrogate: Toluene-d8	*894*		*"*	*864*		*103*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*1350*		*"*	*1540*		*87.7*	*56-127*			

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EC52502 - TO-15										
LCS (EC52502-BS1)				Prepared & Analyzed: 25-Mar-15						
Dichlorodifluoromethane (F12)	250	50	ug/m3	250		98.5	65-135			
Vinyl chloride	110	13	"	130		87.0	65-135			
Chloroethane	99	27	"	134		73.8	65-135			
Trichlorofluoromethane (F11)	300	56	"	283		105	65-135			
1,1-Dichloroethene	170	20	"	202		85.8	65-135			
1,1,2-Trichlorotrifluoroethane (F113)	360	77	"	387		94.3	65-135			
Methylene chloride (Dichloromethane)	180	35	"	177		104	65-135			
trans-1,2-Dichloroethene	180	40	"	202		86.9	65-135			
1,1-Dichloroethane	200	41	"	206		95.0	65-135			
cis-1,2-Dichloroethene	170	40	"	202		84.7	65-135			
Chloroform	210	25	"	247		85.0	65-135			
1,1,1-Trichloroethane	270	28	"	276		96.2	65-135			
1,2-Dichloroethane (EDC)	220	21	"	206		105	65-135			
Benzene	140	16	"	162		85.7	65-135			
Carbon tetrachloride	340	13	"	320		105	65-135			
Trichloroethene	290	27	"	272		107	65-135			
Toluene	170	38	"	191		87.4	65-135			
1,1,2-Trichloroethane	260	55	"	276		92.6	65-135			
Tetrachloroethene	450	34	"	345		131	65-135			
1,1,1,2-Tetrachloroethane	380	70	"	349		108	65-135			
Ethylbenzene	150	22	"	220		65.9	65-135			
m,p-Xylene	330	44	"	440		74.4	65-135			
o-Xylene	150	22	"	220		67.7	65-135			
1,1,2,2-Tetrachloroethane	310	70	"	349		90.1	65-135			
Surrogate: 1,2-Dichloroethane-d4	*964*		*"*	*886*		*109*	*67-141*			
Surrogate: Toluene-d8	*876*		*"*	*864*		*101*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*1300*		*"*	*1540*		*84.5*	*56-127*			

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EC52601 - TO-15										
Blank (EC52601-BLK1)				Prepared & Analyzed: 26-Mar-15						
1,1-Difluoroethane (LCC)	ND	27	ug/m3							
Dichlorodifluoromethane (F12)	ND	50	"							
Chloromethane	ND	21	"							
Vinyl chloride	ND	13	"							
Bromomethane	ND	39	"							
Chloroethane	ND	27	"							
Trichlorofluoromethane (F11)	ND	56	"							
1,1-Dichloroethene	ND	20	"							
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"							
Methylene chloride (Dichloromethane)	ND	35	"							
trans-1,2-Dichloroethene	ND	40	"							
1,1-Dichloroethane	ND	41	"							
cis-1,2-Dichloroethene	ND	40	"							
Chloroform	ND	25	"							
1,1,1-Trichloroethane	ND	28	"							
1,2-Dichloroethane (EDC)	ND	21	"							
Benzene	ND	16	"							
Carbon tetrachloride	ND	13	"							
Trichloroethene	ND	27	"							
1,4-Dioxane	ND	36	"							
Bromodichloromethane	ND	68	"							
Toluene	ND	38	"							
1,1,2-Trichloroethane	ND	55	"							
Tetrachloroethene	ND	34	"							
1,1,1,2-Tetrachloroethane	ND	70	"							
Ethylbenzene	ND	22	"							
m,p-Xylene	ND	44	"							
o-Xylene	ND	22	"							
1,1,2,2-Tetrachloroethane	ND	70	"							
Isopropylbenzene (Cumene)	ND	50	"							
n-Propylbenzene	ND	50	"							
1,3,5-Trimethylbenzene	ND	50	"							
tert-Butylbenzene	ND	56	"							
1,2,4-Trimethylbenzene	ND	50	"							

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Volatile Organic Compounds by H&P Method TO-15M SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EC52601 - TO-15										
Blank (EC52601-BLK1)				Prepared & Analyzed: 26-Mar-15						
1,4-Dichlorobenzene	ND	61	ug/m3							
sec-Butylbenzene	ND	28	"							
p-Isopropyltoluene	ND	28	"							
n-Butylbenzene	ND	28	"							
Naphthalene	ND	27	"							
1,2,4-Trichlorobenzene	ND	75	"							
Surrogate: 1,2-Dichloroethane-d4	*891*		*"*	*886*		*101*	*67-141*			
Surrogate: Toluene-d8	*871*		*"*	*864*		*101*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*1360*		*"*	*1540*		*88.7*	*56-127*			
LCS (EC52601-BS1)				Prepared & Analyzed: 26-Mar-15						
Dichlorodifluoromethane (F12)	290	50	ug/m3	250		117	65-135			
Vinyl chloride	110	13	"	130		85.8	65-135			
Chloroethane	130	27	"	134		98.4	65-135			
Trichlorofluoromethane (F11)	340	56	"	283		120	65-135			
1,1-Dichloroethene	210	20	"	202		105	65-135			
1,1,2-Trichlorotrifluoroethane (F113)	410	77	"	387		107	65-135			
Methylene chloride (Dichloromethane)	200	35	"	177		112	65-135			
trans-1,2-Dichloroethene	180	40	"	202		89.2	65-135			
1,1-Dichloroethane	180	41	"	206		89.4	65-135			
cis-1,2-Dichloroethene	210	40	"	202		105	65-135			
Chloroform	290	25	"	247		119	65-135			
1,1,1-Trichloroethane	330	28	"	276		121	65-135			
1,2-Dichloroethane (EDC)	220	21	"	206		107	65-135			
Benzene	170	16	"	162		107	65-135			
Carbon tetrachloride	380	13	"	320		118	65-135			
Trichloroethene	240	27	"	272		89.7	65-135			
Toluene	170	38	"	191		88.2	65-135			
1,1,2-Trichloroethane	320	55	"	276		116	65-135			
Tetrachloroethene	400	34	"	345		117	65-135			
1,1,1,2-Tetrachloroethane	400	70	"	349		113	65-135			
Ethylbenzene	190	22	"	220		84.0	65-135			
m,p-Xylene	400	44	"	440		90.6	65-135			

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2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EC52601 - TO-15										
LCS (EC52601-BS1)				Prepared & Analyzed: 26-Mar-15						
o-Xylene	180	22	ug/m3	220		81.5	65-135			
1,1,2,2-Tetrachloroethane	380	70	"	349		108	65-135			
Surrogate: 1,2-Dichloroethane-d4	*1070*		*"*	*886*		*121*	*67-141*			
Surrogate: Toluene-d8	*901*		*"*	*864*		*104*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*1370*		*"*	*1540*		*89.1*	*56-127*			
Batch EC52703 - TO-15										
Blank (EC52703-BLK1)				Prepared & Analyzed: 27-Mar-15						
1,1-Difluoroethane (LCC)	ND	27	ug/m3							
Dichlorodifluoromethane (F12)	ND	50	"							
Chloromethane	ND	21	"							
Vinyl chloride	ND	13	"							
Bromomethane	ND	39	"							
Chloroethane	ND	27	"							
Trichlorofluoromethane (F11)	ND	56	"							
1,1-Dichloroethene	ND	20	"							
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"							
Methylene chloride (Dichloromethane)	ND	35	"							
trans-1,2-Dichloroethene	ND	40	"							
1,1-Dichloroethane	ND	41	"							
cis-1,2-Dichloroethene	ND	40	"							
Chloroform	ND	25	"							
1,1,1-Trichloroethane	ND	28	"							
1,2-Dichloroethane (EDC)	ND	21	"							
Benzene	ND	16	"							
Carbon tetrachloride	ND	13	"							
Trichloroethene	ND	27	"							
1,4-Dioxane	ND	36	"							
Bromodichloromethane	ND	68	"							
Toluene	ND	38	"							
1,1,2-Trichloroethane	ND	55	"							
Tetrachloroethene	ND	34	"							

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Volatile Organic Compounds by H&P Method TO-15M SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EC52703 - TO-15										
Blank (EC52703-BLK1)				Prepared & Analyzed: 27-Mar-15						
1,1,1,2-Tetrachloroethane	ND	70	ug/m3							
Ethylbenzene	ND	22	"							
m,p-Xylene	ND	44	"							
o-Xylene	ND	22	"							
1,1,2,2-Tetrachloroethane	ND	70	"							
Isopropylbenzene (Cumene)	ND	50	"							
n-Propylbenzene	ND	50	"							
1,3,5-Trimethylbenzene	ND	50	"							
tert-Butylbenzene	ND	56	"							
1,2,4-Trimethylbenzene	ND	50	"							
1,4-Dichlorobenzene	ND	61	"							
sec-Butylbenzene	ND	28	"							
p-Isopropyltoluene	ND	28	"							
n-Butylbenzene	ND	28	"							
Naphthalene	ND	27	"							
1,2,4-Trichlorobenzene	ND	75	"							
Surrogate: 1,2-Dichloroethane-d4	*947*		*"*	*886*		*107*	*67-141*			
Surrogate: Toluene-d8	*964*		*"*	*864*		*112*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*1450*		*"*	*1540*		*94.3*	*56-127*			
LCS (EC52703-BS1)				Prepared & Analyzed: 27-Mar-15						
Dichlorodifluoromethane (F12)	220	50	ug/m3	250		88.3	65-135			
Vinyl chloride	110	13	"	130		85.7	65-135			
Chloroethane	100	27	"	134		77.9	65-135			
Trichlorofluoromethane (F11)	280	56	"	283		98.4	65-135			
1,1-Dichloroethene	170	20	"	202		83.4	65-135			
1,1,2-Trichlorotrifluoroethane (F113)	310	77	"	387		81.4	65-135			
Methylene chloride (Dichloromethane)	130	35	"	177		71.9	65-135			
trans-1,2-Dichloroethene	140	40	"	202		71.2	65-135			
1,1-Dichloroethane	150	41	"	206		73.8	65-135			
cis-1,2-Dichloroethene	130	40	"	202		66.7	65-135			
Chloroform	200	25	"	247		82.6	65-135			
1,1,1-Trichloroethane	240	28	"	276		86.9	65-135			

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EC52703 - TO-15										
LCS (EC52703-BS1)				Prepared & Analyzed: 27-Mar-15						
1,2-Dichloroethane (EDC)	200	21	ug/m3	206		98.4	65-135			
Benzene	130	16	"	162		81.3	65-135			
Carbon tetrachloride	290	13	"	320		90.9	65-135			
Trichloroethene	280	27	"	272		102	65-135			
Toluene	150	38	"	191		77.7	65-135			
1,1,2-Trichloroethane	360	55	"	276		130	65-135			
Tetrachloroethene	360	34	"	345		106	65-135			
1,1,1,2-Tetrachloroethane	440	70	"	349		127	65-135			
Ethylbenzene	190	22	"	220		86.8	65-135			
m,p-Xylene	370	44	"	440		83.5	65-135			
o-Xylene	190	22	"	220		84.4	65-135			
1,1,2,2-Tetrachloroethane	420	70	"	349		120	65-135			
Surrogate: 1,2-Dichloroethane-d4	*826*		*"*	*886*		*93.2*	*67-141*			
Surrogate: Toluene-d8	*906*		*"*	*864*		*105*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*1430*		*"*	*1540*		*93.2*	*56-127*			
Batch EC53003 - TO-15										
Blank (EC53003-BLK1)				Prepared & Analyzed: 30-Mar-15						
1,1-Difluoroethane (LCC)	ND	27	ug/m3							
Dichlorodifluoromethane (F12)	ND	50	"							
Chloromethane	ND	21	"							
Vinyl chloride	ND	13	"							
Bromomethane	ND	39	"							
Chloroethane	ND	27	"							
Trichlorofluoromethane (F11)	ND	56	"							
1,1-Dichloroethene	ND	20	"							
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"							
Methylene chloride (Dichloromethane)	ND	35	"							
trans-1,2-Dichloroethene	ND	40	"							
1,1-Dichloroethane	ND	41	"							
cis-1,2-Dichloroethene	ND	40	"							
Chloroform	ND	25	"							

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Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EC53003 - TO-15										
Blank (EC53003-BLK1)				Prepared & Analyzed: 30-Mar-15						
1,1,1-Trichloroethane	ND	28	ug/m3							
1,2-Dichloroethane (EDC)	ND	21	"							
Benzene	ND	16	"							
Carbon tetrachloride	ND	13	"							
Trichloroethene	ND	27	"							
1,4-Dioxane	ND	36	"							
Bromodichloromethane	ND	68	"							
Toluene	ND	38	"							
1,1,2-Trichloroethane	ND	55	"							
Tetrachloroethene	ND	34	"							
1,1,1,2-Tetrachloroethane	ND	70	"							
Ethylbenzene	ND	22	"							
m,p-Xylene	ND	44	"							
o-Xylene	ND	22	"							
1,1,2,2-Tetrachloroethane	ND	70	"							
Isopropylbenzene (Cumene)	ND	50	"							
n-Propylbenzene	ND	50	"							
1,3,5-Trimethylbenzene	ND	50	"							
tert-Butylbenzene	ND	56	"							
1,2,4-Trimethylbenzene	ND	50	"							
1,4-Dichlorobenzene	ND	61	"							
sec-Butylbenzene	ND	28	"							
p-Isopropyltoluene	ND	28	"							
n-Butylbenzene	ND	28	"							
Naphthalene	ND	27	"							
1,2,4-Trichlorobenzene	ND	75	"							
Surrogate: 1,2-Dichloroethane-d4	*941*		*"*	*886*		*106*	*67-141*			
Surrogate: Toluene-d8	*825*		*"*	*864*		*95.5*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*1330*		*"*	*1540*		*86.8*	*56-127*			

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Volatile Organic Compounds by H&P Method TO-15M SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EC53003 - TO-15										
LCS (EC53003-BS1)				Prepared & Analyzed: 30-Mar-15						
Dichlorodifluoromethane (F12)	230	50	ug/m3	250		93.9	65-135			
Vinyl chloride	110	13	"	130		81.2	65-135			
Chloroethane	120	27	"	134		92.2	65-135			
Trichlorofluoromethane (F11)	270	56	"	283		95.1	65-135			
1,1-Dichloroethene	170	20	"	202		81.9	65-135			
1,1,2-Trichlorotrifluoroethane (F113)	350	77	"	387		90.8	65-135			
Methylene chloride (Dichloromethane)	160	35	"	177		93.2	65-135			
trans-1,2-Dichloroethene	180	40	"	202		89.3	65-135			
1,1-Dichloroethane	170	41	"	206		81.9	65-135			
cis-1,2-Dichloroethene	160	40	"	202		79.9	65-135			
Chloroform	240	25	"	247		97.1	65-135			
1,1,1-Trichloroethane	240	28	"	276		87.2	65-135			
1,2-Dichloroethane (EDC)	200	21	"	206		95.2	65-135			
Benzene	110	16	"	162		70.6	65-135			
Carbon tetrachloride	290	13	"	320		91.2	65-135			
Trichloroethene	300	27	"	272		111	65-135			
Toluene	180	38	"	191		94.3	65-135			
1,1,2-Trichloroethane	230	55	"	276		84.4	65-135			
Tetrachloroethene	410	34	"	345		120	65-135			
1,1,1,2-Tetrachloroethane	480	70	"	349		138	65-135			QL-1H
Ethylbenzene	180	22	"	220		80.7	65-135			
m,p-Xylene	380	44	"	440		87.4	65-135			
o-Xylene	200	22	"	220		89.4	65-135			
1,1,2,2-Tetrachloroethane	330	70	"	349		95.1	65-135			
Surrogate: 1,2-Dichloroethane-d4	*955*		*"*	*886*		*108*	*67-141*			
Surrogate: Toluene-d8	*901*		*"*	*864*		*104*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*1400*		*"*	*1540*		*91.1*	*56-127*			

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Gilbane Company	Project:	GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EC53103 - TO-15										
Blank (EC53103-BLK1)				Prepared & Analyzed: 31-Mar-15						
1,1-Difluoroethane (LCC)	ND	27	ug/m3							
Dichlorodifluoromethane (F12)	ND	50	"							
Chloromethane	ND	21	"							
Vinyl chloride	ND	13	"							
Bromomethane	ND	39	"							
Chloroethane	ND	27	"							
Trichlorofluoromethane (F11)	ND	56	"							
1,1-Dichloroethene	ND	20	"							
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"							
Methylene chloride (Dichloromethane)	ND	35	"							
trans-1,2-Dichloroethene	ND	40	"							
1,1-Dichloroethane	ND	41	"							
cis-1,2-Dichloroethene	ND	40	"							
Chloroform	ND	25	"							
1,1,1-Trichloroethane	ND	28	"							
1,2-Dichloroethane (EDC)	ND	21	"							
Benzene	ND	16	"							
Carbon tetrachloride	ND	13	"							
Trichloroethene	ND	27	"							
1,4-Dioxane	ND	36	"							
Bromodichloromethane	ND	68	"							
Toluene	ND	38	"							
1,1,2-Trichloroethane	ND	55	"							
Tetrachloroethene	ND	34	"							
1,1,1,2-Tetrachloroethane	ND	70	"							
Ethylbenzene	ND	22	"							
m,p-Xylene	ND	44	"							
o-Xylene	ND	22	"							
1,1,2,2-Tetrachloroethane	ND	70	"							
Isopropylbenzene (Cumene)	ND	50	"							
n-Propylbenzene	ND	50	"							
1,3,5-Trimethylbenzene	ND	50	"							
tert-Butylbenzene	ND	56	"							
1,2,4-Trimethylbenzene	ND	50	"							

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2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EC53103 - TO-15										
Blank (EC53103-BLK1)				Prepared & Analyzed: 31-Mar-15						
1,4-Dichlorobenzene	ND	61	ug/m3							
sec-Butylbenzene	ND	28	"							
p-Isopropyltoluene	ND	28	"							
n-Butylbenzene	ND	28	"							
Naphthalene	ND	27	"							
1,2,4-Trichlorobenzene	ND	75	"							
Surrogate: 1,2-Dichloroethane-d4	*882*		*"*	*886*		*99.5*	*67-141*			
Surrogate: Toluene-d8	*879*		*"*	*864*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*1160*		*"*	*1540*		*75.2*	*56-127*			
LCS (EC53103-BS1)				Prepared & Analyzed: 31-Mar-15						
Dichlorodifluoromethane (F12)	240	50	ug/m3	250		97.9	65-135			
Vinyl chloride	95	13	"	130		73.0	65-135			
Chloroethane	120	27	"	134		88.4	65-135			
Trichlorofluoromethane (F11)	280	56	"	283		100	65-135			
1,1-Dichloroethene	140	20	"	202		69.7	65-135			
1,1,2-Trichlorotrifluoroethane (F113)	370	77	"	387		96.4	65-135			
Methylene chloride (Dichloromethane)	150	35	"	177		83.7	65-135			
trans-1,2-Dichloroethene	150	40	"	202		76.8	65-135			
1,1-Dichloroethane	150	41	"	206		71.9	65-135			
cis-1,2-Dichloroethene	140	40	"	202		67.0	65-135			
Chloroform	270	25	"	247		110	65-135			
1,1,1-Trichloroethane	240	28	"	276		85.3	65-135			
1,2-Dichloroethane (EDC)	170	21	"	206		84.3	65-135			
Benzene	120	16	"	162		71.5	65-135			
Carbon tetrachloride	310	13	"	320		97.0	65-135			
Trichloroethene	320	27	"	272		117	65-135			
Toluene	160	38	"	191		82.7	65-135			
1,1,2-Trichloroethane	350	55	"	276		127	65-135			
Tetrachloroethene	400	34	"	345		117	65-135			
1,1,1,2-Tetrachloroethane	430	70	"	349		123	65-135			
Ethylbenzene	160	22	"	220		70.6	65-135			
m,p-Xylene	310	44	"	440		70.9	65-135			

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EC53103 - TO-15										
LCS (EC53103-BS1)				Prepared & Analyzed: 31-Mar-15						
o-Xylene	180	22	ug/m3	220		80.2	65-135			
1,1,2,2-Tetrachloroethane	400	70	"	349		114	65-135			
Surrogate: 1,2-Dichloroethane-d4	*984*		*"*	*886*		*111*	*67-141*			
Surrogate: Toluene-d8	*907*		*"*	*864*		*105*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*1480*		*"*	*1540*		*96.1*	*56-127*			
Batch ED50102 - TO-15										
Blank (ED50102-BLK1)				Prepared & Analyzed: 01-Apr-15						
1,1-Difluoroethane (LCC)	ND	27	ug/m3							
Dichlorodifluoromethane (F12)	ND	50	"							
Chloromethane	ND	21	"							
Vinyl chloride	ND	13	"							
Bromomethane	ND	39	"							
Chloroethane	ND	27	"							
Trichlorofluoromethane (F11)	ND	56	"							
1,1-Dichloroethene	ND	20	"							
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"							
Methylene chloride (Dichloromethane)	ND	35	"							
trans-1,2-Dichloroethene	ND	40	"							
1,1-Dichloroethane	ND	41	"							
cis-1,2-Dichloroethene	ND	40	"							
Chloroform	ND	25	"							
1,1,1-Trichloroethane	ND	28	"							
1,2-Dichloroethane (EDC)	ND	21	"							
Benzene	ND	16	"							
Carbon tetrachloride	ND	13	"							
Trichloroethene	ND	27	"							
1,4-Dioxane	ND	36	"							
Bromodichloromethane	ND	68	"							
Toluene	ND	38	"							
1,1,2-Trichloroethane	ND	55	"							
Tetrachloroethene	ND	34	"							

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2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch ED50102 - TO-15										
Blank (ED50102-BLK1)				Prepared & Analyzed: 01-Apr-15						
1,1,1,2-Tetrachloroethane	ND	70	ug/m3							
Ethylbenzene	ND	22	"							
m,p-Xylene	ND	44	"							
o-Xylene	ND	22	"							
1,1,2,2-Tetrachloroethane	ND	70	"							
Isopropylbenzene (Cumene)	ND	50	"							
n-Propylbenzene	ND	50	"							
1,3,5-Trimethylbenzene	ND	50	"							
tert-Butylbenzene	ND	56	"							
1,2,4-Trimethylbenzene	ND	50	"							
1,4-Dichlorobenzene	ND	61	"							
sec-Butylbenzene	ND	28	"							
p-Isopropyltoluene	ND	28	"							
n-Butylbenzene	ND	28	"							
Naphthalene	ND	27	"							
1,2,4-Trichlorobenzene	ND	75	"							
Surrogate: 1,2-Dichloroethane-d4	*898*		*"*	*886*		*101*	*67-141*			
Surrogate: Toluene-d8	*877*		*"*	*864*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*1330*		*"*	*1540*		*86.7*	*56-127*			
LCS (ED50102-BS1)				Prepared & Analyzed: 01-Apr-15						
Dichlorodifluoromethane (F12)	230	50	ug/m3	250		91.0	65-135			
Vinyl chloride	85	13	"	130		65.1	65-135			
Chloroethane	110	27	"	134		82.1	65-135			
Trichlorofluoromethane (F11)	250	56	"	283		89.1	65-135			
1,1-Dichloroethene	180	20	"	202		87.1	65-135			
1,1,2-Trichlorotrifluoroethane (F113)	370	77	"	387		94.5	65-135			
Methylene chloride (Dichloromethane)	120	35	"	177		69.8	65-135			
trans-1,2-Dichloroethene	180	40	"	202		88.7	65-135			
1,1-Dichloroethane	180	41	"	206		87.0	65-135			
cis-1,2-Dichloroethene	150	40	"	202		72.5	65-135			
Chloroform	240	25	"	247		97.6	65-135			
1,1,1-Trichloroethane	220	28	"	276		81.2	65-135			

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch ED50102 - TO-15										
LCS (ED50102-BS1)				Prepared & Analyzed: 01-Apr-15						
1,2-Dichloroethane (EDC)	180	21	ug/m3	206		89.4	65-135			
Benzene	120	16	"	162		71.2	65-135			
Carbon tetrachloride	280	13	"	320		87.2	65-135			
Trichloroethene	270	27	"	272		97.8	65-135			
Toluene	180	38	"	191		93.7	65-135			
1,1,2-Trichloroethane	310	55	"	276		114	65-135			
Tetrachloroethene	370	34	"	345		107	65-135			
1,1,1,2-Tetrachloroethane	370	70	"	349		106	65-135			
Ethylbenzene	150	22	"	220		68.7	65-135			
m,p-Xylene	320	44	"	440		72.5	65-135			
o-Xylene	160	22	"	220		74.4	65-135			
1,1,2,2-Tetrachloroethane	330	70	"	349		95.6	65-135			
Surrogate: 1,2-Dichloroethane-d4	*907*		*"*	*886*		*102*	*67-141*			
Surrogate: Toluene-d8	*1000*		*"*	*864*		*116*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*1440*		*"*	*1540*		*93.7*	*56-127*			
Batch ED50202 - TO-15										
Blank (ED50202-BLK1)				Prepared & Analyzed: 02-Apr-15						
1,1-Difluoroethane (LCC)	ND	27	ug/m3							
Dichlorodifluoromethane (F12)	ND	50	"							
Chloromethane	ND	21	"							
Vinyl chloride	ND	13	"							
Bromomethane	ND	39	"							
Chloroethane	ND	27	"							
Trichlorofluoromethane (F11)	ND	56	"							
1,1-Dichloroethene	ND	20	"							
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"							
Methylene chloride (Dichloromethane)	ND	35	"							
trans-1,2-Dichloroethene	ND	40	"							
1,1-Dichloroethane	ND	41	"							
cis-1,2-Dichloroethene	ND	40	"							
Chloroform	ND	25	"							

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Gilbane Company	Project: GIL032315-A1	
2934 Gold Pan Court, Ste 12	Project Number: J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager: Mr. Don Gruber	21-Apr-15 08:20

Volatile Organic Compounds by H&P Method TO-15M SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch ED50202 - TO-15										
Blank (ED50202-BLK1)				Prepared & Analyzed: 02-Apr-15						
1,1,1-Trichloroethane	ND	28	ug/m3							
1,2-Dichloroethane (EDC)	ND	21	"							
Benzene	ND	16	"							
Carbon tetrachloride	ND	13	"							
Trichloroethene	ND	27	"							
1,4-Dioxane	ND	36	"							
Bromodichloromethane	ND	68	"							
Toluene	ND	38	"							
1,1,2-Trichloroethane	ND	55	"							
Tetrachloroethene	ND	34	"							
1,1,1,2-Tetrachloroethane	ND	70	"							
Ethylbenzene	ND	22	"							
m,p-Xylene	ND	44	"							
o-Xylene	ND	22	"							
1,1,2,2-Tetrachloroethane	ND	70	"							
Isopropylbenzene (Cumene)	ND	50	"							
n-Propylbenzene	ND	50	"							
1,3,5-Trimethylbenzene	ND	50	"							
tert-Butylbenzene	ND	56	"							
1,2,4-Trimethylbenzene	ND	50	"							
1,4-Dichlorobenzene	ND	61	"							
sec-Butylbenzene	ND	28	"							
p-Isopropyltoluene	ND	28	"							
n-Butylbenzene	ND	28	"							
Naphthalene	ND	27	"							
1,2,4-Trichlorobenzene	ND	75	"							
Surrogate: 1,2-Dichloroethane-d4	*982*		*"*	*886*		*111*	*67-141*			
Surrogate: Toluene-d8	*963*		*"*	*864*		*111*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*1240*		*"*	*1540*		*80.7*	*56-127*			

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Volatile Organic Compounds by H&P Method TO-15M SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch ED50202 - TO-15										
LCS (ED50202-BS1)				Prepared & Analyzed: 02-Apr-15						
Dichlorodifluoromethane (F12)	220	50	ug/m3	250		87.4	65-135			
Vinyl chloride	110	13	"	130		87.1	65-135			
Chloroethane	140	27	"	134		102	65-135			
Trichlorofluoromethane (F11)	250	56	"	283		89.4	65-135			
1,1-Dichloroethene	160	20	"	202		79.2	65-135			
1,1,2-Trichlorotrifluoroethane (F113)	390	77	"	387		102	65-135			
Methylene chloride (Dichloromethane)	180	35	"	177		99.1	65-135			
trans-1,2-Dichloroethene	130	40	"	202		66.6	65-135			
1,1-Dichloroethane	150	41	"	206		71.8	65-135			
cis-1,2-Dichloroethene	170	40	"	202		84.5	65-135			
Chloroform	240	25	"	247		96.8	65-135			
1,1,1-Trichloroethane	240	28	"	276		85.7	65-135			
1,2-Dichloroethane (EDC)	160	21	"	206		77.6	65-135			
Benzene	150	16	"	162		90.8	65-135			
Carbon tetrachloride	320	13	"	320		100	65-135			
Trichloroethene	240	27	"	272		88.6	65-135			
Toluene	140	38	"	191		75.4	65-135			
1,1,2-Trichloroethane	290	55	"	276		104	65-135			
Tetrachloroethene	390	34	"	345		114	65-135			
1,1,1,2-Tetrachloroethane	380	70	"	349		108	65-135			
Ethylbenzene	140	22	"	220		65.6	65-135			
m,p-Xylene	300	44	"	440		67.3	65-135			
o-Xylene	180	22	"	220		80.4	65-135			
1,1,2,2-Tetrachloroethane	350	70	"	349		100	65-135			
Surrogate: 1,2-Dichloroethane-d4	*913*		*"*	*886*		*103*	*67-141*			
Surrogate: Toluene-d8	*923*		*"*	*864*		*107*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*1420*		*"*	*1540*		*92.6*	*56-127*			

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2934 Gold Pan Court, Ste 12	Project Number:	J163007200-002 Jervis Webb	Reported:
Rancho Cordova, CA 95670	Project Manager:	Mr. Don Gruber	21-Apr-15 08:20

Notes and Definitions

QL-1H	The LCS and/or LCSD recoveries fell above the established control specifications for this analyte. Any result for this compound is qualified and should be considered biased high.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate (CLP E-flag).
A	Location was resampled for dilution of this analyte only, the day after the original analysis, as inidcated.
LCC	Leak Check Compound
ND	Analyte NOT DETECTED at or above the reporting limit
MDL	Method Detection Limit
%REC	Percent Recovery
RPD	Relative Percent Difference

Appendix

H&P Mobile Geochemistry, Inc. is approved as an Environmental Testing Laboratory and Mobile Laboratory in accordance with the DoD-ELAP and the ISO 17025 programs, certification number L11-175.

H&P is approved by the State of Arizona as an Environmental Testing Laboratory and Mobile Laboratory, certification numbers AZM758 and AZ0779.

H&P is approved by the State of California as an Environmental Laboratory and Mobile Laboratory in conformance with the Environmental Laboratory Accreditation Program (ELAP) for the category of Volatile and Semi-Volatile Organic Chemistry of Hazardous Waste, certification numbers 2740, 2741, 2743, 2744, 2745, 2754 & 2930.

H&P is approved by the State of Florida Department of Health under the National Environmental Laboratory Accreditation Conference (NELAC) certification number E871100.

The complete list of stationary and mobile laboratory certifications along with the fields of testing (FOTs) and analyte lists are available at www.handpmg.com/about/certifications.

H&P Mobile Geochemistry, Inc.
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VAPOR / AIR Chain of Custody

DATE: 3/23/15
Page 1 of 1

Lab Client and Project Information

Lab Client/Consultant: Gilbane Company	Project Name / #: J163007200-002 Jewis Webb
Lab Client Project Manager: Don Gruber	Project Location: 5211 Southern Ave, South Gate, CA
Lab Client Address: 2934 Gold Pan Cte Ste 12	Report E-Mail(s): dgruber@gilbaneco.com pphillips@gilbaneco.com egillera@gilbaneco.com
Lab Client City, State, Zip: Rancho Cordova, CA 95670	
Phone Number: 916-367-2125	

Sample Receipt (Lab Use Only)

Date Rec'd: 3/23/15	Control #: 150235.00/.01
H&P Project # GIL032315-A1	
Lab Work Order # E503100/EC52303	
Sample Intact: ☒ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID:	Temp:
Outside Lab:	
Receipt Notes/Tracking #:	
Lab PM Initials:	

Reporting Requirements

☒ Standard Report ☐ Level III ☐ Level IV
☒ Excel EDD ☐ Other EDD:
☐ CA Geotracker Global ID:

Turnaround Time

☐ 5-7 day Stnd ☐ 24-Hr Rush
☐ 3-day Rush ☒ Mobile Lab
☐ 48-Hr Rush ☐ Other:

Sampler Information

Sampler(s): Andrew Wagner
Signature: [signature]
Date: 3/23/15

Additional Instructions to Laboratory:

☒ Check if Project Analyte List is Attached

*** Preferred VOC units (please choose one):**

☐ µg/L ☒ µg/m³ ☐ ppbv ☐ ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☐ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☒ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☒ TO-15 ☐ TO-17m	TPHv as Gas ☐ 8260SVm ☐ TO-15m	TPHv as Diesel (sorbent tube) ☐ TO-17m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2	Aromatics 2017 ASGI 1,4-Dioxane, Chlorometh		
SB/SG16-5 1PV		03/23/15	0952	SV	50cc Glass Syringe	121			X		X				X			X		
SB/SG16-5 3PV		↓	1028	↓	↓	184			X		X				X			X		
SB/SG16-5 10PV		↓	1121	↓	↓	83			X		X				X			X		
SB/SG16-25 1PV		↓	1157	↓	↓	85			X		X				X			X		
SB/SG16-25 3PV		↓	1308	↓	↓	184			X		X				X			X		
SB/SG16-15 1PV		↓	1400	↓	↓	181			X		X				X			X		
SB/SG16-25 10PV		↓	1518	↓	↓	85			X		X				X			X		

Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
				[signature]	FAP	3/23/15	
				[signature]	GILBANE	3/25/15	1630

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

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VAPOR / AIR Chain of Custody

DATE: 3/24/15
Page 1 of 2

Lab Client and Project Information

Lab Client/Consultant: Gilbane Company	Project Name / #: J163007200-002 Jervis Webb
Lab Client Project Manager: Don Gruber	Project Location: 5211 Southern Ave, South Gate, CA
Lab Client Address: 2934 Gold Pan Ct. Ste 12	Report E-Mail(s): dgruber@gilbaneco.com pphillips@gilbaneco.com esillera@gilbaneco.com
Lab Client City, State, Zip: Rancho Cordova, CA 95670	
Phone Number: 916-853-1639	

Sample Receipt (Lab Use Only)

Date Rec'd: 3/24/15	Control #: 150235.00/.01
H&P Project # GLO32315-A1	
Lab Work Order # E503104/EC52402	
Sample Intact: ☒ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID:	Temp:
Outside Lab:	
Receipt Notes/Tracking #:	
Lab PM Initials:	

Reporting Requirements

☒ Standard Report ☐ Level III ☐ Level IV
☒ Excel EDD ☐ Other EDD:
☐ CA Geotracker Global ID:

Turnaround Time

☐ 5-7 day Stnd ☐ 24-Hr Rush
☐ 3-day Rush ☒ Mobile Lab
☐ 48-Hr Rush ☐ Other:

Sampler Information

Sampler(s): Andrew Wagner
Signature:
Date: 3/24/2015

Additional Instructions to Laboratory:

☒ Check if Project Analyte List is Attached

** Preferred VOC units (please choose one):*

☐ µg/L ☒ µg/m³ ☐ ppbv ☐ ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☐ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☒ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☒ TO-15 ☐ TO-17m	TPHv as Gas ☐ 8260SVm ☐ TO-15m	TPHv as Diesel (sorbent tube) ☐ TO-17m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2	Dioxane, Chloromethane Aromatics		
~~SB/SG16-35 1PV~~	MCM 3/24/15	3/24/15	0835	SV	500cc Glass syringe	121			X		X				X			X		
SB/SG18-15 1PV			0942			184			X		X				X			X		
SB/SG18-15 3PV			1015			181			X		X				X			X		
SB/SG18-35 1PV			1052			85			X		X				X			X		
SB/SG18-35 3PV			1130			184			X		X				X			X		
SB/SG18-15 10PV			1200			83			X		X				X			X		
SB/SG18-35 10PV			1226			121			X		X				X			X		
SB/SG17-5			1333			83			X		X				X			X		
SB/SG17-15			1351			181			X		X				X			X		X
SB/SG17-15 Rep			1424			184			X		X				X			X		

PCE overrange, will reanalyze next day. MCM 3/24/15

Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company: H&P	Date: 3/24/15	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company: GILBANE	Date: 3/24/15	Time: 1345

Relinquished By 4/13/15

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VAPOR / AIR Chain of Custody

DATE: 3/24/15
Page 2 of 2

Lab Client and Project Information

Lab Client/Consultant: Gilbane Company	Project Name / #: J163007200-002 Jervis Webb
Lab Client Project Manager: Don Gruber	Project Location: 5211 Southern Ave, South Gate, CA
Lab Client Address: 2934 Gold Pan Ct, Ste 12	Report E-Mail(s): dgruber@gilbaneco.com
Lab Client City, State, Zip: Rancho Cordova, CA, 95670	pphillips@gilbaneco.com
Phone Number: 916 853 1839	egillera@gilbaneco.com

Sample Receipt (Lab Use Only)

Date Rec'd:	Control #: 150235.00/.01
H&P Project # GIL 032315-A1	
Lab Work Order # E503104/EC52402	
Sample Intact: ☑ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID:	Temp:
Outside Lab:	
Receipt Notes/Tracking #:	
Lab PM Initials:	

Reporting Requirements

☒ Standard Report ☐ Level III ☐ Level IV
☒ Excel EDD ☐ Other EDD:_____
☐ CA Geotracker Global ID:_____

Turnaround Time

☐ 5-7 day Stnd ☐ 24-Hr Rush
☐ 3-day Rush ☒ Mobile Lab
☐ 48-Hr Rush ☐ Other:____

Sampler Information

Sampler(s): Andrew Wagner
Signature: [signature]
Date: 3/24/15

Additional Instructions to Laboratory:

☒ Check if Project Analyte List is Attached
*** Preferred VOC units (please choose one):**
☐ µg/L ☒ µg/m³ ☐ ppbv ☐ ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☐ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☒ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☒ TO-15 ☐ TO-17m	TPHv as Gas ☐ 8260SVm ☐ TO-15m	TPHv as Diesel (sorbent tube) ☐ TO-17m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2	Dioxane, chloromethane Aromatics		PCE overrange, will reanalyze next day. MEM 3/24/15
SB/SG 17-25		03/24/15	1450	SV	50cc Glass Syringe	85			X		X				X			X		X
SB/SG 17-35		↓	1513	SV	↓	83			X		X				X			X		

Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
				[signature]	HHP	3/24/15	

RELINQUISHED BY → [signature] 4/15/15

Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
				[signature]	GILBANE	3/24/15	1345

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VAPOR / AIR Chain of Custody

DATE: 3/25/15
Page 1 of 1

Lab Client and Project Information

Lab Client/Consultant: Gilbane Company	Project Name / #: J163007200-002 Jervis Webb
Lab Client Project Manager: Don Gruber	Project Location: 5211 Southern Ave, South Gate, CA
Lab Client Address: 2934 Gold Pan Ct. Ste 12	Report E-Mail(s): dgruber@gilbaneco.com pphillips@gilbaneco.com egillera@gilbaneco.com
Lab Client City, State, Zip: Rancho Cordova, CA 95670	
Phone Number: 916-853-1839	

Sample Receipt (Lab Use Only)

Date Rec'd: 3/25/15	Control #: 150235.00/.01
H&P Project # GIL032315-A1	
Lab Work Order # E503112/EC52502	
Sample Intact: ☒ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID:	Temp:
Outside Lab:	
Receipt Notes/Tracking #:	
Lab PM Initials:	

Reporting Requirements

☒ Standard Report ☐ Level III ☐ Level IV
☒ Excel EDD ☐ Other EDD:_____
☐ CA Geotracker Global ID:_____

Turnaround Time

☐ 5-7 day Stnd ☐ 24-Hr Rush
☐ 3-day Rush ☒ Mobile Lab
☐ 48-Hr Rush ☐ Other:____

Sampler Information

Sampler(s): Andrew Wagner
Signature: [signature]
Date: 3/25/15

Additional Instructions to Laboratory:

☒ Check if Project Analyte List is Attached
** Preferred VOC units (please choose one):*
☐ µg/L ☒ µg/m³ ☐ ppbv ☐ ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☐ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☒ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☒ TO-15 ☐ TO-17m	TPHv as Gas ☐ 8260SVm ☐ TO-15m	TPHv as Diesel (sorbent tube) ☐ TO-17m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2	Aromatics, Dioxane Chloromethane		
SB/SG16-35		3/25/15	0940	SV	Glass Syringe	85			X		X				X			X		
SB/SG18.5			1013			181			X		X				X			X		
SB/SG18-25			1037			184			X		X				X			X		
SB/SG09-5			1118			85			X		X				X			X		
SB/SG09-15			1144			83			X		X				X			X		
SB/SG09-15 Rep			1207			184			X		X				X			X		
SB/SG09-25			1230			83			X		X				X			X		
SB/SG09-35			1342			85			X		X				X			X		
SB/SG19-5			1416			184			X		X				X			X		
SB/SG19-15			1435			181			X		X				X			X		

Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
				[signature]	H&P	3/25/15	15:45
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Relinquished [signature] 4/13/15				[signature]	GILBANE	3/25/15	1545

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VAPOR / AIR Chain of Custody

DATE: 3/26/15
Page 1 of 1

Lab Client and Project Information

Lab Client/Consultant: Gilbane Company	Project Name / #: J163007200-002 Jervis Webb
Lab Client Project Manager: Don Gruber	Project Location: 5211 Southern Ave. South Gate, CA
Lab Client Address: 2934 Gold Pan Ct. Ste 12	Report E-Mail(s): dgruber@gilbaneco.com pphillips@gilbaneco.com esillera@gilbaneco.com
Lab Client City, State, Zip: Rancho Cordova, CA 95670	
Phone Number: 916-853-1839	

Sample Receipt (Lab Use Only)

Date Rec'd: 3/26/15	Control #: 150235.00/.01
H&P Project # GIL032515-A1	
Lab Work Order # E503117/EC52601	
Sample Intact: ☐ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID:	Temp:
Outside Lab:	
Receipt Notes/Tracking #:	
	Lab PM Initials:

Reporting Requirements

- ☒ Standard Report ☐ Level III ☐ Level IV
- ☒ Excel EDD ☐ Other EDD:_____
- ☐ CA Geotracker Global ID:_____

Turnaround Time

- ☐ 5-7 day Stnd ☐ 24-Hr Rush
- ☐ 3-day Rush ☒ Mobile Lab
- ☐ 48-Hr Rush ☐ Other:____

Sampler Information

Sampler(s): Andrew Wagner
Signature: [signature]
Date: 3/26/15

Additional Instructions to Laboratory:

☐ Check if Project Analyte List is Attached

** Preferred VOC units (please choose one):*

☐ µg/L ☒ µg/m³ ☐ ppbv ☐ ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☐ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☒ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☒ TO-15 ☐ TO-17m	TPHv as Gas ☐ 8260SVm ☐ TO-15m	TPHv as Diesel (sorbent tube) ☐ TO-17m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2	Aromatics, Dioxane Chloromethane		
SB/SG19-35		3/26/15	0840	SV	Glass Syringe	184			X		X				X			X		
SB/SG19-25			0935			83			X		X				X			X		
SB/SG11-5			1047			121			X		X				X			X		
SB/SG11-15			1114			83			X		X				X			X		
SB/SG11-25			1213			184			X		X				X			X		
SB/SG07-5			1310			83			X		X				X			X		
SB/SG07-5 Rep			1348			181			X		X				X			X		
SB/SG11-35			1419			85			X		X				X			X		
SB/SG07-15			1515			184			X		X				X			X		

Approved/Relinquished by:	Company:	Date:	Time:	Received by: [signature]	Company: H&P	Date: 3/26/15	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by: [signature]	Company: GILBANE	Date: 3/26/15	Time: 1345

Relinquished by

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VAPOR / AIR Chain of Custody

DATE: 3/27/15

Lab Client and Project Information

Lab Client/Consultant: Gilbane Company	Project Name / #: J163007200-002 Jervis Webb
Lab Client Project Manager: Don Gruber	Project Location: 5211 Southern Ave, South Gate, CA
Lab Client Address: 2934 Gold Pan Ct. Ste 12	Report E-Mail(s): pphillips@gilbaneco.com dgruber@gilbaneco.com egillera@gilbaneco.com
Lab Client City, State, Zip: Rancho Cordova, CA 95670	
Phone Number: 916-853-1839	

Sample Receipt (Lab Use Only)

Date Rec'd: 3/27/15	Control #: 150235.00/.01
H&P Project # GIL032315-A1	
Lab Work Order # E503131/EC52703	
Sample Intact: ☒ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID:	Temp:
Outside Lab:	
Receipt Notes/Tracking #:	
	Lab PM Initials:

Reporting Requirements

☒ Standard Report ☐ Level III ☐ Level IV
☒ Excel EDD ☐ Other EDD:_____
☐ CA Geotracker Global ID:_____

Turnaround Time

☐ 5-7 day Stnd ☐ 24-Hr Rush
☐ 3-day Rush ☒ Mobile Lab
☐ 48-Hr Rush ☐ Other:____

Sampler Information

Sampler(s): Andrew Wagner
Signature: [signature]
Date: 3/27/15

Additional Instructions to Laboratory:

☐ Check if Project Analyte List is Attached

** Preferred VOC units (please choose one):*

☐ µg/L ☒ µg/m³ ☒ ppbv ☐ ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☐ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☒ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☒ TO-15 ☐ TO-17m	TPHv as Gas ☐ 8260SVm ☐ TO-15m	TPHv as Diesel (sorbent tube) ☐ TO-17m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2	Dioxane, Aromatics Chloromethane		
SB/SG07-25		3/27/15	0834	SV	Glass Syringe	83			X		X				X			X		
SB/SG07-35			0858			121			X		X				X			X		
SB/SG08-5			0921			85			X		X				X			X		
SB/SG08-15			0942			181			X		X				X			X		
SB/SG08-25			1003			85			X		X				X			X		
SB/SG08-35			1030			83			X		X				X			X		
SB/SG10-5			1114			181			X		X				X			X		
SB/SG10-5 Rep			1136			83			X		X				X			X		
SB/SG10-15			1200			85			X		X				X			X		
SB/SG10-25			1303			181			X		X				X			X		

Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
[signature]	Gilbane	3-27-15		[signature]	H&P	3/27/15	
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

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VAPOR / AIR Chain of Custody

DATE: 3/27/15
Page 2 of 2

Lab Client and Project Information

Lab Client/Consultant: Gilbane Company	Project Name / #: J163007200-002 Jewis Webb
Lab Client Project Manager: Don Gruber	Project Location: 5211 Southern Ave, South Gate, CA
Lab Client Address: 2934 Gold Pan Ct Ste 12	Report E-Mail(s): pphillips@gilbaneco.com esillera@gilbaneco.com dgruber@gilbaneco.com
Lab Client City, State, Zip: Rancho Cordova, CA 95670	
Phone Number: 916-853-1839	

Sample Receipt (Lab Use Only)

Date Rec'd: 3/27/15	Control #: 150235.00/.01
H&P Project # GIL032315-A1	
Lab Work Order # E503131/EC52703	
Sample Intact: ☒ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID:	Temp:
Outside Lab:	
Receipt Notes/Tracking #:	
	Lab PM Initials:

Reporting Requirements

☒ Standard Report ☐ Level III ☐ Level IV
☒ Excel EDD ☐ Other EDD:_____
☐ CA Geotracker Global ID:_____

Turnaround Time

☐ 5-7 day Stnd ☐ 24-Hr Rush
☐ 3-day Rush ☒ Mobile Lab
☐ 48-Hr Rush ☐ Other:____

Sampler Information

Sampler(s): Andrew Wagner
Signature: [signature]
Date: 3/27/15

Additional Instructions to Laboratory:

☐ Check if Project Analyte List is Attached

** Preferred VOC units (please choose one):*

☐ µg/L ☒ µg/m³ ☒ ppbv ☐ ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☐ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☒ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☒ TO-15 ☐ TO-17m	TPHv as Gas ☐ 8260SVm ☐ TO-15m	TPHv as Diesel (sorbent tube) ☐ TO-17m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2	Dioxane, Aromatics Chlorofluorocarbons		
SB/SG10-35		3/27/15	1325	SV	Glass Syringe	121			X		X				X			X		
SB/SG 12-5		↓	1416	↓	↓	85			X		X				X			X		
SB/SG 12-15		↓	1442	↓	↓	83			X		X				X			X		
SB/SG 12-25		↓	1506	↓	↓	121			X		X			↓	X			X		

Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
[signature]	Gilbane	3-27-15		[signature]	H&P	3/27/15	
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

**Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back*

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P 760.804.9678 F 760.804.9159

VAPOR / AIR Chain of Custody

DATE: 3/30/15
Page 1 of ____

Lab Client and Project Information

Lab Client/Consultant: Gilbane Company	Project Name / #: J163007200-002 Jervis Webb
Lab Client Project Manager: Don Gruber	Project Location: 5030 Firestone Blvd. South Gate, CA
Lab Client Address: 2934 Gold Pan Ct. Ste 12	Report E-Mail(s): pphillips@gilbaneco.com egillera@gilbaneco.com dgruber@gilbaneco.com
Lab Client City, State, Zip: Rancho Cordova, CA 95670	
Phone Number: 916 853 1839	

Sample Receipt (Lab Use Only)

Date Rec'd: 3/30/15	Control #: 150235.00/.01
H&P Project # GIL032315-A1	
Lab Work Order # E503140/EU53003	
Sample Intact: ☐ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID:	Temp:
Outside Lab:	
Receipt Notes/Tracking #:	
Lab PM Initials:	

Reporting Requirements

☒ Standard Report ☐ Level III ☐ Level IV
☒ Excel EDD ☐ Other EDD:____
☐ CA Geotracker Global ID:____

Turnaround Time

☐ 5-7 day Stnd ☐ 24-Hr Rush
☐ 3-day Rush ☒ Mobile Lab
☐ 48-Hr Rush ☐ Other:____

Sampler Information

Sampler(s): Andrew Wagner
Signature: [signature]
Date: 3/30/15

Additional Instructions to Laboratory:

☐ Check if Project Analyte List is Attached

*** Preferred VOC units (please choose one):**

☐ µg/L ☒ µg/m³ ☒ ppbv ☐ ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☐ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☒ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☒ TO-15 ☐ TO-17m	TPHv as Gas ☐ 8260SVm ☐ TO-15m	TPHv as Diesel (sorbent tube) ☐ TO-17m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2	Dioxane, Dramatics chloromethane		
SB/SG 12-35		3/30/15	0835	SV	Glass Syringe	85			X		X				X			X		
SB/SG 13-5			0900			83			X		X				X			X		
SB/SG 13-15			0925			121			X		X				X			X		
SB/SG 13-25			1012			184			X		X				X			X		
SB/SG 13-35			1125			83			X		X				X			X		
SB/SG 14-5			1215			85			X		X				X			X		
SB/SG 14-5 Rep			1238			181			X		X				X			X		
SB/SG 14-15			1308			184			X		X				X			X		
SB/SG 14-35			1335			85			X		X				X			X		
SB/SG 14-25			1440			181			X		X				X			X		

Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
[signature]	Gilbane	3-30-15	1520	[signature]	H&P	3/30/15	

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

Rev 08/18/2014

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VAPOR / AIR Chain of Custody

DATE: 3/30/15

Lab Client and Project Information

Lab Client/Consultant: Gilbane Company	Project Name / #: T16300720-002 Jones Webb
Lab Client Project Manager: Don Gruber	Project Location: 5030 Firestone Blvd, South Gate
Lab Client Address: 2934 Gold Pan Ct, Ste 12	Report E-Mail(s): dgruber@gilbaneco.com pphillips@gilbaneco.com egillera@gilbanecaroom
Lab Client City, State, Zip: Rancho Cordova, CA 95670	
Phone Number: 916-853-1839	

Sample Receipt (Lab Use Only)

Date Rec'd: 3/30/15	Control #: 150-235.00/.01
H&P Project # GIL032315-A1	
Lab Work Order # E503140	
Sample Intact: ☐ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID:	Temp:
Outside Lab:	
Receipt Notes/Tracking #:	
	Lab PM Initials:

Reporting Requirements

- ☒ Standard Report ☐ Level III ☐ Level IV
- ☒ Excel EDD ☐ Other EDD:_____
- ☐ CA Geotracker Global ID:_____

Turnaround Time

- ☐ 5-7 day Stnd ☐ 24-Hr Rush
- ☐ 3-day Rush ☒ Mobile Lab
- ☐ 48-Hr Rush ☐ Other:_____

Sampler Information

Sampler(s): Andrew Wagner
Signature: [signature]
Date: 3/30/15

Additional Instructions to Laboratory:

☐ Check if Project Analyte List is Attached

** Preferred VOC units (please choose one):*

☐ µg/L ☒ µg/m³ ☒ ppbv ☐ ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☐ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☒ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☒ TO-15 ☐ TO-17m	TPHv as Gas ☐ 8260SVm ☐ TO-15m	TPHv as Diesel (sorbent tube) ☐ TO-17m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2	Dioxane, Aromatics Chloromethane		
SB/SG15-5		3/30/15	1512	SV	Glass Syringe	184			X		X				X			X		

Approved/Relinquished by: [signature]	Company: Gilbane	Date: 3-30-15	Time: 1520	Received by: [signature]	Company: H&P	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

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VAPOR / AIR Chain of Custody

DATE: 3/31/15

Lab Client and Project Information

Lab Client/Consultant: Gilbane Company	Project Name / #: J163007200-002 Jervis Webb
Lab Client Project Manager: Don Gruber	Project Location: 5030 Firestone Blvd, South Gate CA
Lab Client Address: 2934 Gold Pan Ct Ste 12	Report E-Mail(s): dgruber@gilbaneco.com
Lab Client City, State, Zip: Rancho Cordova CA 95670	esillera@gilbaneco.com
Phone Number: 916-853-1834	pphillips@gilbaneco.com

Sample Receipt (Lab Use Only)

Date Rec'd: 3/31/15	Control #: 150235.00/.01
H&P Project # GL032315-A1	
Lab Work Order # E503146/EC53103	
Sample Intact: ☒ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID:	Temp:
Outside Lab:	
Receipt Notes/Tracking #:	
Lab PM Initials:	

Reporting Requirements

☒ Standard Report ☐ Level III ☐ Level IV
☒ Excel EDD ☐ Other EDD:
☐ CA Geotracker Global ID:

Turnaround Time

☐ 5-7 day Stnd ☐ 24-Hr Rush
☐ 3-day Rush ☒ Mobile Lab
☐ 48-Hr Rush ☐ Other:

Sampler Information

Sampler(s): Andrew Wagner
Signature:
Date: 3/30/15

Additional Instructions to Laboratory:

☐ Check if Project Analyte List is Attached

** Preferred VOC units (please choose one):*

☐ µg/L ☒ µg/m³ ☒ ppbv ☐ ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☐ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☒ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☒ TO-15 ☐ TO-17m	TPHv as Gas ☐ 8260SVm ☐ TO-15m	TPHv as Diesel (sorbent tube) ☐ TO-17m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☐ DFA ☒ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2	Dioxane, Aromatics Chloromethane		
SB/SG 15-15		3/31/15	0830	SV	Glass Syringe	121			X		X				X			X		
SB/SG 15-25			0914			181			X		X				X			X		
SB/SG 15-35			0958			83			X		X				X			X		
SB/SG 26-5			1135			121			X		X				X			X		
SB/SG 26-15			1157			85			X		X				X			X		
SB/SG 26-25			1217			181			X		X				X			X		
SB/SG 26-35			1239			83			X		X				X			X		
SB/SG 26-35 Rep			1300			184			X		X				X			X		
SB/SG 25-5			1352			85			X		X				X			X		
SB/SG 25-15			1416			121			X		X				X			X		

Approved/Relinquished by:	Company: Gilbane	Date: 3-31-15	Time:	Received by:	Company: H&P	Date: 3/31/15	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

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VAPOR / AIR Chain of Custody

DATE: 3/31/15

Lab Client and Project Information

Lab Client/Consultant: Gilbane Company
Lab Client Project Manager: Don Gruber
Lab Client Address: 7934 Gold Pan Ct Ste 12
Lab Client City, State, Zip: Rancho Cordova, CA
Phone Number: 916-853-1839

Project Name / #: J163007200-002 Jervis Webb
Project Location: 5030 Firestone Blvd. SouthGate CA
Report E-Mail(s): pphillips@gilbaneco.com
dgruber@gilbaneco.com
egillera@gilbaneco.com

Sample Receipt (Lab Use Only)

Date Rec'd: 3/31/15 Control #: 150235.00/101
H&P Project #: GIL032315-A1
Lab Work Order #: E503146
Sample Intact: ☐ Yes ☐ No ☐ See Notes Below
Receipt Gauge ID: Temp:
Outside Lab:
Receipt Notes/Tracking #:
Lab PM Initials:

Reporting Requirements

☒ Standard Report ☐ Level III ☐ Level IV
☒ Excel EDD ☐ Other EDD:
☐ CA Geotracker Global ID:

Turnaround Time

☐ 5-7 day Stnd ☐ 24-Hr Rush
☐ 3-day Rush ☒ Mobile Lab
☐ 48-Hr Rush ☐ Other:

Sampler Information

Sampler(s): Andrew Wagner
Signature:
Date: 3/31/15

Additional Instructions to Laboratory:

☐ Check if Project Analyte List is Attached
** Preferred VOC units (please choose one):*
☐ µg/L ☒ µg/m³ ☒ ppbv ☐ ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☐ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☒ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☒ TO-15 ☐ TO-17m	TPHv as Gas ☐ 8260SV/m ☐ TO-15m	TPHv as Diesel (sorbent tube) ☐ TO-17m	Aromatic/Aliphatic Fractions ☐ 8260SV/m ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2	Dioxane, Aromatics Chloromethane.		
SB/SG25-25		3/31/15	1435	SV	Glass syringe	181			X		X				X			X		
SB/SG25-35		↓	1457	↓	↓	85			X		X				X			X		
SB/SG24-5		↓	1521	↓	↓	83			X		X				X			X		
SB/SG24-15		↓	1539	↓	↓	184			X		X				X			X		

Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
	Gilbane	3-31-15			H&P	3-31-15	
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

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VAPOR / AIR Chain of Custody

DATE: 4/1/15
Page 1 of 2

Lab Client and Project Information

Lab Client/Consultant: Gilbane Company	Project Name / #: J163007200-002 Jervis Webb
Lab Client Project Manager: Don Gruber	Project Location: 9301 Rayo Ave South Gate CA
Lab Client Address: 2934 Gold Pan Ct Ste 12	Report E-Mail(s): dgruber@gilbaneco.com pphillips@gilbaneco.com egillera@gilbaneco.com
Lab Client City, State, Zip: Rancho Cordova, CA 95670	
Phone Number: 916-853-1831	

Sample Receipt (Lab Use Only)

Date Rec'd: 4/1/15	Control #: 150235.001.01
H&P Project #: GIL032315-A1	
Lab Work Order #: E504002/ED50102	
Sample Intact: ☒ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID:	Temp:
Outside Lab:	
Receipt Notes/Tracking #:	
	Lab PM Initials:

Reporting Requirements

☒ Standard Report ☐ Level III ☐ Level IV
☒ Excel EDD ☐ Other EDD:_____
☐ CA Geotracker Global ID:_____

Turnaround Time

☐ 5-7 day Stnd ☐ 24-Hr Rush
☐ 3-day Rush ☒ Mobile Lab
☐ 48-Hr Rush ☐ Other:____

Sampler Information

Sampler(s): Andrew Wagner
Signature: [signature]
Date: 4/1/15

Additional Instructions to Laboratory:

☐ Check if Project Analyte List is Attached

** Preferred VOC units (please choose one):*

☐ µg/L ☒ µg/m³ ☒ ppbv ☐ ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☐ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☒ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☒ TO-15 ☐ TO-17m	TPHv as Gas ☐ 8260SVm ☐ TO-15m	TPHv as Diesel (sorbent tube) ☐ TO-17m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2	Dioxane, Aromatics Chloromethane		
SB/SG 24-25		4/1/15	0835	SV	Glass Syringe	181			X		X				X			X		
SB/SG 24-35			0859			83			X		X				X			X		
SB/SG 23-5			0922			85			X		X				X			X		
SB/SG 23-15			0952			184			X		X				X			X		
SB/SG 23-25			1017			121			X		X				X			X		
SB/SG 23-35			1045			85			X		X				X			X		
SB/SG 22-5			1112			181			X		X				X			X		
SB/SG 22-25			1145			83			X		X				X			X		
SB/SG 22-35			1206			184			X		X				X			X		
SB/SG 22-25 Rep			1234			121			X		X				X			X		

Approved/Relinquished by: [signature]	Company: Gilbane	Date: 4-1-15	Time: 1520	Received by: [signature]	Company: H&P	Date: 4/1/15	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

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VAPOR / AIR Chain of Custody

DATE: 4/1/15

Lab Client and Project Information

Lab Client/Consultant: Gilbane Company
Lab Client Project Manager: Don Gruber
Lab Client Address: 2934 Gold Pan Ct Ste 12
Lab Client City, State, Zip: Rancho Cordova, CA 95670
Phone Number: 916-853-1839
Project Name / #: J163007200-002 Jervis Webb
Project Location: 9301 Rayo Ave South Gate, CA
Report E-Mail(s): dgruber@gilbaneco.com pphillips@gilbaneco.com egillera@gilbaneco.com

Sample Receipt (Lab Use Only)

Date Rec'd: 4/1/15
Control #: 150235.00/.01
H&P Project #: GIL032315-A1
Lab Work Order #: E504002/ED50102
Sample Intact: ☒ Yes ☐ No ☐ See Notes Below
Receipt Gauge ID:
Temp:
Outside Lab:
Receipt Notes/Tracking #:
Lab PM Initials:

Reporting Requirements

☒ Standard Report ☐ Level III ☐ Level IV
☒ Excel EDD ☐ Other EDD:
☐ CA Geotracker Global ID:

Turnaround Time

☐ 5-7 day Stnd ☐ 24-Hr Rush
☐ 3-day Rush ☒ Mobile Lab
☐ 48-Hr Rush ☐ Other:

Sampler Information

Sampler(s): Andrew Wagner
Signature:
Date: 4/1/15

Additional Instructions to Laboratory:

☐ Check if Project Analyte List is Attached
** Preferred VOC units (please choose one):*
☐ µg/L ☒ µg/m³ ☒ ppbv ☐ ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☐ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☒ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☒ TO-15 ☐ TO-17m	TPHv as Gas ☐ 8260SVm ☐ TO-15m	TPHv as Diesel (sorbent tube) ☐ TO-17m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2	Dioxane, Aromatics Chloromethane		
SB/SG20-5		4/1/15	1305	SV	Glass Syringe	85			X		X				X			X		
SB/SG20-15		↓	1438	↓	↓	83			X		X				X			X		
SB/SG20-35		↓	1503	↓	↓	181			X		X				X			X		

Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
	Gilbane	4-1-15	1520		H&P	4/1/15	
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

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VAPOR / AIR Chain of Custody

DATE: 4/2/15
Page 1 of 1

Lab Client and Project Information

Lab Client/Consultant: Gilbane Company
Lab Client Project Manager: Don Gruber
Lab Client Address: 2934 Gold Pan Ct. Ste 12
Lab Client City, State, Zip: Rancho Cordova, CA
Phone Number: 916-853-1839

Project Name / #: J163007200-002 Jervis Webb
Project Location: 9301 Kayo Ave. South Gate, CA
Report E-Mail(s): pphillips@gilbaneco.com, egillera@gilbaneco.com, dgruber@gilbaneco.com

Sample Receipt (Lab Use Only)

Date Rec'd: 4/2/15
Control #: 150235.00/.01
H&P Project #: GIL032315-A1
Lab Work Order #: E504011/ED50202
Sample Intact: [X] Yes [ ] No [ ] See Notes Below
Receipt Gauge ID:
Temp:
Outside Lab:
Receipt Notes/Tracking #:
Lab PM Initials:

Reporting Requirements

[X] Standard Report [ ] Level III [ ] Level IV
[X] Excel EDD [ ] Other EDD:
[ ] CA Geotracker Global ID:

Turnaround Time

[ ] 5-7 day Stnd [ ] 24-Hr Rush
[ ] 3-day Rush [X] Mobile Lab
[ ] 48-Hr Rush [ ] Other:

Sampler Information

Sampler(s): Andrew Wagner
Signature:
Date: 4/2/2015

Additional Instructions to Laboratory:

[ ] Check if Project Analyte List is Attached
** Preferred VOC units (please choose one):*
[ ] µg/L [X] µg/m³ [X] ppbv [ ] ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List [ ] 8260SV [ ] TO-15	VOCs Short List / Project List [ ] 8260SV [X] TO-15	Oxygenates [ ] 8260SV [ ] TO-15	Naphthalene [ ] 8260SV [X] TO-15 [ ] TO-17m	TPHv as Gas [ ] 8260SVm [ ] TO-15m	TPHv as Diesel (sorbent tube) [ ] TO-17m	Aromatic/Aliphatic Fractions [ ] 8260SVm [ ] TO-15m	Leak Check Compound [X] DFA [ ] IPA [ ] He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 [ ] CO2 [ ] O2 [ ] N2	Dioxane, Aromatics Chloroethylene		
SB/SG21-35		4/2/15	0823	SV	Glass Syringe	184			X		X				X			X		
SB/SG 21-5			0847			83			X		X				X			X		
SB/SG21-5 Rep			0913			85			X		X				X			X		
SB/SG 21-15			0933			181			X		X				X			X		
SB/SG 20-25			1006			121			X		X				X			X		
SB/SG 21-25			1029			85			X		X				X			X		

Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
	Gilbane	4-2-15	1050		H&P	4/2/15	1050
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

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Rev 08/18/2014

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LA Field Office: 1855 Coronado Avenue, Signal Hill, CA 90755
Ph: 800-834-9888 www.handpmg.com

H&P TO-15 (Modified EPA TO-15)
Soil Vapor VOC List for Mobile Lab

Compound - Halogenated 2012 ASGI	***CAS #***	***Vapor ($\mu g/m^3$)***	***Vapor (ppbv)***
Dichlorodifluoromethane (F12)	75-71-8	50	10
Vinyl chloride	75-01-4	13	5
Bromomethane	74-83-9	39	10
Chloroethane	75-00-3	27	10
Trichlorofluoromethane (F11)	75-69-4	56	10
1,1-Dichloroethene	75-35-4	20	5
Methylene chloride (Dichloromethane)	75-09-2	35	10
1,1,2-Trichlorotrifluoroethane (F113)	76-13-1	77	10
trans-1,2-Dichloroethene	156-60-5	40	10
1,1-Dichloroethane	75-34-3	41	10
cis-1,2-Dichloroethene	156-59-2	40	10
Chloroform	67-66-3	25	5
1,2-Dichloroethane (EDC)	107-06-2	21	5
1,1,1-Trichloroethane	71-55-6	28	5
Carbon tetrachloride	56-23-5	13	2
Bromodichloromethane	75-27-4	68	10
Trichloroethene	79-01-6	27	5
1,1,2-Trichloroethane	79-00-5	55	10
Tetrachloroethene	127-18-4	34	5
1,1,1,2-Tetrachloroethane	630-20-6	70	10
1,1,2,2-Tetrachloroethane	79-34-5	70	10
Compound - Aromatics 2012 ASGI			
Benzene	71-43-2	16	5
Toluene	108-88-3	38	10
Ethylbenzene	100-41-4	22	5
m,p-Xylene	179601-23-1	44	10
o-Xylene	95-47-6	22	5
Isopropylbenzene (Cumene)	98-82-8	50	10
n-Propylbenzene	103-65-1	50	10
1,3,5-Trimethylbenzene	108-67-8	50	10
1,2,4-Trimethylbenzene	95-63-6	50	10
tert-Butylbenzene	98-06-6	56	10
1,4-Dichlorobenzene	106-46-7	61	10
sec-Butylbenzene	135-98-8	28	5
p-Isopropyltoluene	99-87-6	28	5
n-Butylbenzene	104-51-8	28	5
1,2,4-Trichlorobenzene	120-82-1	75	10
Naphthalene	91-20-3	27	5
Additional Compounds			
1,4-Dioxane	123-91-1	37	10
Chloromethane	74-87-3	21	10
Leak Check Compound			
1,1-Difluoroethane (LCC)	75-37-6	27	10

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Effective: 1/1/15
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Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: GIL032315-A1 | Date: 3/23/2015

Site Address: 5211 Southern Ave, South Gate, CA | Page: 1 of 1

Consultant: Gilbane Company | H&P Rep(s): M. Montemayor, A. Wagner | Reviewed: DB

Consultant Rep(s): Ed Gillera, Pete Phillips | Scanned: Jw

Purge Volume Calculation

PVT Probe ID, if applicable:	SB/SG16-5				
Tubing:	Length:	7'	Diameter: 1/4"	1 Volume:	34
Sand Pack:	Height:	6"	Diameter: 3.5"	1 Volume:	378
Dry Bentonite:	Height:	6"	Diameter: 3.5"	1 Volume:	473
PVT Increments:	1 PV =	885	3 PV= 2656	10 PV =	8852
PV Amount Selected:	3 PV		Selected by:	Ed Gillera, Pete Phillips	

Sample Volume

☒ 50cc Glass Syringe ☐ 100cc Glass Syringe ☐ Other_____

Leak Check Compound

☒ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other_____

A cloth saturated with LCC is placed around tubing connections and at the probe seal. This is done prior to every soil vapor sample collected unless otherwise noted in the field notes below.

	Sample Information				Probe Specs							Collection Information				
	Point ID	Syringe ID	Date	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing Dia (in.)	Sand Pack Ht (in.)	Sand Pack Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Purge Vol (mL)	Shut-in Test (✓=Pass)	Flow Rate (mL/min)	Probe Vacuum ("Hg)	Field Notes Pump Run Time
1	SB/SG16-5 1PV	121	3/23/15	0952	5	7	1/4"	6"	3.5"	6"	3.5"	885	✓	<200	0	4 min 26 sec
2	SB/SG16-5 3PV	184		1028	5	7	1/4	6	3.5	6	3.5	1720	✓	200	0	8 min 36 sec
3	SB/SG16-5 10PV	83		1121	5	7	1/4	6	3.5	6	3.5	6147	✓	200	0	30 min 44 sec
4	SB/SG16-15 1PV	181		1400	15	17	1/4	6	3.5	6	3.5	934	✓	200	100	4 min 40 sec ★
5	SB/SG16-25 1PV	85		1157	25	27	1/4	6	3.5	6	3.5	982	✓	200	20	4 min 55 sec
6	SB/SG16-25 3PV	184		1308	25	27	1/4	6	3.5	6	3.5	1914	✓	200	35	9 min ~~34~~ 19 sec
7	SB/SG16-25 1PVR	121		1240	25	27	1/4	6	3.5	6	3.5	1032	✓	200	0	Resample
8	SB/SG16-25 3PVR	83		1338	25	27	1/4	6	3.5	6	3.5	1964	✓	200	0	Resample
9	SB/SG16-25 10PV	85		1518	25	27	1/4	6	3.5	6	3.5	6824	✓	200	0	34 min 7 sec
10	SB/SG16-15 1PVR	121		1427	15	17	1/4	6	3.5	6	3.5	984	✓	200	100	Resample
11	SB/SG16-15 1PVRR	121		1448	15	17	1/4	6	3.5	6	3.5	1034	✓	200	100	Resample
12	SB/SG1625 10PVR	184		1548	25	27	1/4	6	3.5	6	3.5	6874	✓	200	0	Resample

Site Notes (e.g. weather, visitors, scope deviations, health & safety issues, etc.):

★ High vacuum. Turning pump off at 100. Letting vacuum dissipate.

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Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: GIL032315-A1
Date: 3/24/2015
Site Address: 5211 Southern Ave, South Gate, CA
Page: 1 of 2
Consultant: Gilbane Company
H&P Rep(s): M. Montemayor, A. Wagner
Consultant Rep(s): Ed Gillera, Pete Phillips

Reviewed: DB
Scanned: JW

Purge Volume Calculation

PVT Probe ID, if applicable:	SB/SG16-5				
Tubing:	Length:	7'	Diameter: 1/4"	1 Volume:	34
Sand Pack:	Height:	6"	Diameter: 3.5"	1 Volume:	378
Dry Bentonite:	Height:	6"	Diameter: 3.5"	1 Volume:	473
PVT Increments:	1 PV =	885	3 PV= 2656	10 PV =	8852
PV Amount Selected:	3 PV		Selected by:	Ed Gillera, Pete Phillips	

Sample Volume

☒ 50cc Glass Syringe ☐ 100cc Glass Syringe ☐ Other_____

Leak Check Compound

☒ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other_____

A cloth saturated with LCC is placed around tubing connections and at the probe seal. This is done prior to every soil vapor sample collected unless otherwise noted in the field notes below.

	Sample Information				Probe Specs							Collection Information				
	Point ID	Syringe ID	Date	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing Dia (in.)	Sand Pack Ht (in.)	Sand Pack Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Purge Vol (mL)	Shut-in Test (✓=Pass)	Flow Rate (mL/min)	Probe Vacuum ("Hg)	Field Notes Pump Run Time
1	SB/SG16-35 1PV	121	3/24/15	0835	35	37	1/4"	6"	3.5"	6"	3.5"	1030 ✓	✓	<200	0	5min 9sec ☆
2	SB/SG18-15 1PV	184		0942	15	17	1/4	6	3.5	6	3.5	934	✓	200	60	4min 40sec
3	SB/SG18-15 3PV	181		1015	15	17	1/4	6	3.5	6	3.5	1817	✓	200	60	9min 5sec
4	SB/SG18-15 10PV	83		1200	15	17	1/4	6	3.5	6	3.5	6485 *	✓	200	100	32min 26sec / Pulled H2O
5	SB/SG18-35 1PV	85		1052	35	37	1/4	6	3.5	6	3.5	1030 ✓	✓	200	0	5min 9sec
6	SB/SG18-35 3PV	184		1130	35	37	1/4	6	3.5	6	3.5	2011 ✓	✓	200	0	10min 3sec
7	SB/SG18-35 10PV	121		1226	35	37	1/4	6	3.5	6	3.5	7163 ✓	✓	200	0	35min 49sec
8	SB/SG17-5	83		1333	5	7	1/4	6	3.5	6	3.5	2656	✓	200	0	13min 17sec
9	SB/SG17-15	181		1359	15	17	1/4	6	3.5	6	3.5	2801	✓	200	45	14min
10	SB/SG17-15 REP	184		1424	15	17	1/4	6	3.5	6	3.5	2851	✓	200	45	Replicate
11	SB/SG17-25	85		1450	25	27	1/4	6	3.5	6	3.5	2946	✓	200	40	14min 44sec
12	SB/SG17-35	83	↓	1513	35	37	1/4	6	3.5	6	3.5	3091	✓	200	0	15min 27sec

Site Notes (e.g. weather, visitors, scope deviations, health & safety issues, etc.):

☆ Location abandoned for PVT / Moving to SB/SG18

* Purge approximate due to water in tubing and hand purging.

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Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: GIL032315-A1
Date: 3/24/2015
Site Address: 5211 Southern Ave, South Gate, CA
Page: 2 of 2
Consultant: Gilbane Company
H&P Rep(s): M. Montemayor, A. Wagner
Consultant Rep(s): Ed Gillera, Pete Phillips

Reviewed: DB
Scanned: Jw

Purge Volume Calculation

PVT Probe ID, if applicable:	SB/SG16-5				
Tubing:	Length:	7'	Diameter: 1/4"	1 Volume:	34
Sand Pack:	Height:	6"	Diameter: 3.5"	1 Volume:	378
Dry Bentonite:	Height:	6"	Diameter: 3.5"	1 Volume:	473
PVT Increments:	1 PV =	885	3 PV= 2656	10 PV =	8852
PV Amount Selected:	3PV		Selected by:	Ed Gillera, Pete Phillips	

Sample Volume

☒ 50cc Glass Syringe ☐ 100cc Glass Syringe ☐ Other_____

Leak Check Compound

☒ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other_____

A cloth saturated with LCC is placed around tubing connections and at the probe seal. This is done prior to every soil vapor sample collected unless otherwise noted in the field notes below.

	Sample Information				Probe Specs							Collection Information				
	Point ID	Syringe ID	Date	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing Dia (in.)	Sand Pack Ht (in.)	Sand Pack Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Purge Vol (mL)	Shut-in Test (✓=Pass)	Flow Rate (mL/min)	Probe Vacuum ("Hg)	Field Notes
1	SB/SG17-35 R	181	3/24/15	1534	35	37	1/4"	6"	3.5"	6"	3.5"	3141	✓	<200	0	Resample
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																

Site Notes (e.g. weather, visitors, scope deviations, health & safety issues, etc.):

H&P Mobile Geochemistry Inc.

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Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: GIL032315-A1 | Date: 3/25/2015

Site Address: 5211 Southern Ave, South Gate, CA | Page: 1 of 2

Consultant: Gilbane Company | H&P Rep(s): M. Montemayor, A. Wagner | Reviewed: DB

Consultant Rep(s): Ed Gillera, Pete Phillips | Scanned: JU

Purge Volume Calculation

PVT Probe ID, if applicable:	SB/SG16-5				
Tubing:	Length:	7'	Diameter: 1/4"	1 Volume:	34
Sand Pack:	Height:	6"	Diameter: 3.5"	1 Volume:	378
Dry Bentonite:	Height:	6"	Diameter: 3.5"	1 Volume:	473
PVT Increments:	1 PV =	885	3 PV= 2656	10 PV =	8852
PV Amount Selected:	3 PV		Selected by:	Ed Gillera, Pete Phillips	

Sample Volume

☒ 50cc Glass Syringe ☐ 100cc Glass Syringe ☐ Other_____

Leak Check Compound

☒ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other_____

A cloth saturated with LCC is placed around tubing connections and at the probe seal. This is done prior to every soil vapor sample collected unless otherwise noted in the field notes below.

	Sample Information				Probe Specs							Collection Information				
	Point ID	Syringe ID	Date	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing Dia (in.)	Sand Pack Ht (in.)	Sand Pack Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Purge Vol (mL)	Shut-in Test (✓=Pass)	Flow Rate (mL/min)	Probe Vacuum ("Hg)	Field Notes
1	SB/SG17-15R	83	3/25/15	0840	15	17	1/4"	6"	3.5"	6"	3.5"	247	✓	<200	5	Resample/Purged tubing only
2	SB/SG17-25R	121		0915	25	27	1/4	6	3.5	6	3.5	392	✓	200	8	Resample/Purged tubing only
3	SB/SG16-35	85		0946	35	37	1/4	6	3.5	6	3.5	3091	✓	200	0	15 min 27 sec
4	SB/SG18-5	181		1013	5	7	1/4	6	3.5	6	3.5	2656	✓	200	0	13 min 17 sec/split sample
5	SB/SG18-25	184		1037	25	27	1/4	6	3.5	6	3.5	2946	✓	200	35	14 min 44 sec
6	SB/SG09-5	85		1118	5	7	1/4	6	3.5	6	3.5	2656	✓	200	0	13 min 17 sec
7	SB/SG09-15	83		1144	15	17	1/4	6	3.5	6	3.5	2801 ✓	✓	200	0	14 min
8	SB/SG09-25	AW ~~181~~ 83		1230	25	27	1/4	6	3.5	6	3.5	2946 ✓	✓	200	0	14 min 44 sec
9	SB/SG09-35	85		1342	35	37	1/4	6	3.5	6	3.5	3091 ✓	✓	200	0	15 min 27 sec
10	SB/SG09-15REP	184		1207	15	17	1/4	6	3.5	6	3.5	2851	✓	200	0	Replicate
11	SB/SG09-25R	181		1314	25	27	1/4	6	3.5	6	3.5	2996	✓	200	0	Resample
12	SB/SG19-5	184		1416	5	7	1/4	6	3.5	6	3.5	2656	✓	200	0	13 min 17 sec/split sample

Site Notes (e.g. weather, visitors, scope deviations, health & safety issues, etc.):

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Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: GIL032315-A1 | Date: 3/25/2015

Site Address: 5211 Southern Ave, South Gate, CA | Page: 2 of 2

Consultant: Gilbane Company | H&P Rep(s): M. Montemayor, A. Wagner | Reviewed: DB

Consultant Rep(s): Ed Gillera, Pete Phillips | Scanned: JU

Purge Volume Calculation

PVT Probe ID, if applicable:	SB/SG16-5				
Tubing:	Length:	7'	Diameter: 1/4"	1 Volume:	34
Sand Pack:	Height:	6"	Diameter: 3.5"	1 Volume:	378
Dry Bentonite:	Height:	6"	Diameter: 3.5"	1 Volume:	473
PVT Increments:	1 PV =	885	3 PV= 2656	10 PV =	8852
PV Amount Selected:	3 PV		Selected by:	Ed Gillera, Pete Phillips	

Sample Volume

☒ 50cc Glass Syringe ☐ 100cc Glass Syringe ☐ Other_____

Leak Check Compound

☒ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other_____

A cloth saturated with LCC is placed around tubing connections and at the probe seal. This is done prior to every soil vapor sample collected unless otherwise noted in the field notes below.

	Sample Information				Probe Specs							Collection Information				
	Point ID	Syringe ID	Date	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing Dia (in.)	Sand Pack Ht (in.)	Sand Pack Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Purge Vol (mL)	Shut-in Test (✓=Pass)	Flow Rate (mL/min)	Probe Vacuum ("Hg)	Field Notes Pump Run Time
1	SB/SG19-15	181	3/25/15	1435	15	17	1/4"	6"	3.5"	6"	3.5"	2801	✓	<200	0	121 min
2	SB/SG19-15 R	83		1504	15	17	1/4	6	3.5	6	3.5	2851	✓	200	0	Resample
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																

Site Notes (e.g. weather, visitors, scope deviations, health & safety issues, etc.):

H&P Mobile Geochemistry Inc.

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Effective: 1/1/15
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Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: GIL032315-A1 | Date: 3/26/2015

Site Address: 5211 Southern Ave, South Gate, CA | Page: 1 of 2

Consultant: Gilbane Company | H&P Rep(s): M. Montemayor, A. Wagner | Reviewed: DB

Consultant Rep(s): Ed Gillera, Pete Phillips | Scanned: [illegible]

Purge Volume Calculation

PVT Probe ID, if applicable:	SB/SG16-5				
Tubing:	Length:	7'	Diameter: 1/4"	1 Volume:	34
Sand Pack:	Height:	6"	Diameter: 3.5"	1 Volume:	378
Dry Bentonite:	Height:	6"	Diameter: 3.5"	1 Volume:	473
PVT Increments:	1 PV =	885	3 PV=	2656	10 PV = 8852
PV Amount Selected:	3 PV		Selected by:	Ed Gillera, Pete Phillips	

Sample Volume

☒ 50cc Glass Syringe ☐ 100cc Glass Syringe ☐ Other_____

Leak Check Compound

☒ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other_____

A cloth saturated with LCC is placed around tubing connections and at the probe seal. This is done prior to every soil vapor sample collected unless otherwise noted in the field notes below.

	Sample Information				Probe Specs							Collection Information				
	Point ID	Syringe ID	Date	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing Dia (in.)	Sand Pack Ht (in.)	Sand Pack Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Purge Vol (mL)	Shut-in Test (✓=Pass)	Flow Rate (mL/min)	Probe Vacuum ("Hg)	Field Notes Pump Run Times
1	SB/SG19-35	184	3/26/15	0840	35	37	1/4"	6"	3.5"	6"	3.5"	537	✓	<200	0	Purged tubing only Purged day before
2	SB/SG19-35R	181		0909	35	37	1/4	6	3.5	6	3.5	587	✓	200	0	Resample
3	SB/SG19-25	83		0935	25	27	1/4	6	3.5	6	3.5	2946	✓	200	0	14 min 44 sec
4	SB/SG19-25R	85		1019	25	27	1/4	6	3.5	6	3.5	2996	✓	200	0	Resample
5	SB/SG11-5	121		1047	5	7	1/4	6	3.5	6	3.5	2656	✓	200	0	13 min 17 sec
6	SB/SG11-15	83		1114	15	17	1/4	6	3.5	6	3.5	2801	✓	200	20	14 min
7	SB/SG11-15R	181		1145	15	17	1/4	6	3.5	6	3.5	2851	✓	200	20	Resample
8	SB/SG11-25	184		1213	25	27	1/4	6	3.5	6	3.5	2946	✓	200	35	14 min 44 sec
9	SB/SG11-25R	83		1243	25	27	1/4	6	3.5	6	3.5	2996	✓	200	35	Resample
10	SB/SG07-5	83		1310	5	7	1/4	6	3.5	6	3.5	2656	✓	200	0	13 min 17 sec
11	SB/SG07-5 REP	181		1348	5	7	1/4	6	3.5	6	3.5	2706	✓	200	0	Replicate
12	SB/SG11-35	85		1419	35	37	1/4	6	3.5	6	3.5	3091	✓	200	0	15 min 27 sec

Site Notes (e.g. weather, visitors, scope deviations, health & safety issues, etc.):

H&P Mobile Geochemistry Inc.

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Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: GIL032315-A1 | Date: 3/26/2015

Site Address: 5211 Southern Ave, South Gate, CA | Page: 2 of 2

Consultant: Gilbane Company | H&P Rep(s): M. Montemayor, A. Wagner | Reviewed: DB

Consultant Rep(s): Ed Gillera, Pete Phillips | Scanned: JW

Purge Volume Calculation

PVT Probe ID, if applicable:	SB/SG16-5				
Tubing:	Length:	7'	Diameter: 1/4"	1 Volume:	34
Sand Pack:	Height:	6"	Diameter: 3.5"	1 Volume:	378
Dry Bentonite:	Height:	6"	Diameter: 3.5"	1 Volume:	473
PVT Increments:	1 PV =	885	3 PV= 2656	10 PV =	8852
PV Amount Selected:	3 PV		Selected by:	Ed Gillera, Pete Phillips	

Sample Volume

☒ 50cc Glass Syringe ☐ 100cc Glass Syringe ☐ Other_____

Leak Check Compound

☒ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other_____

A cloth saturated with LCC is placed around tubing connections and at the probe seal. This is done prior to every soil vapor sample collected unless otherwise noted in the field notes below.

	Sample Information				Probe Specs							Collection Information				
	Point ID	Syringe ID	Date	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing Dia (in.)	Sand Pack Ht (in.)	Sand Pack Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Purge Vol (mL)	Shut-in Test (✓=Pass)	Flow Rate (mL/min)	Probe Vacuum ("Hg)	Field Notes
1	SB/SG11-35 R	121	3/26/15	1450	35	37	1/4"	6"	3.5"	6"	3.5"	3141	✓	<200	0	Resample
2	SB/SG07-15	184	1	1515	15	17	1/4	6	3.5	6	3.5	2801	✓	200	0	14 min / split sample
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																

Site Notes (e.g. weather, visitors, scope deviations, health & safety issues, etc.):

H&P Mobile Geochemistry Inc.

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Revision: 2
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Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: GIL032315-A1 | Date: 3/27/2015

Site Address: 5211 Southern Ave, South Gate, CA | Page: 1 of 2

Consultant: Gilbane Company | H&P Rep(s): M. Montemayor, A. Wagner | Reviewed: DB

Consultant Rep(s): Ed Gillera, Pete Phillips | Scanned: JW

Purge Volume Calculation

PVT Probe ID, if applicable:	SB/SG16-5				
Tubing:	Length:	7'	Diameter: 1/4"	1 Volume:	34
Sand Pack:	Height:	6"	Diameter: 3.5"	1 Volume:	378
Dry Bentonite:	Height:	6"	Diameter: 3.5"	1 Volume:	473
PVT Increments:	1 PV =	885	3 PV= 2656	10 PV =	8852
PV Amount Selected:	3 PV		Selected by:	Ed Gillera, Pete Phillips	

Sample Volume

☒ 50cc Glass Syringe ☐ 100cc Glass Syringe ☐ Other_____

Leak Check Compound

☒ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other_____

A cloth saturated with LCC is placed around tubing connections and at the probe seal. This is done prior to every soil vapor sample collected unless otherwise noted in the field notes below.

	Sample Information				Probe Specs							Collection Information				
	Point ID	Syringe ID	Date	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing Dia (in.)	Sand Pack Ht (in.)	Sand Pack Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Purge Vol (mL)	Shut-in Test (✓=Pass)	Flow Rate (mL/min)	Probe Vacuum ("Hg)	Field Notes PumpRunTime
1	SB/SG07-25	83	3/27/15	0834	25	27	1/4"	6"	3.5"	6"	3.5"	2946	✓	<200	30	14 min 44 sec
2	SB/SG07-35	121		0858	35	37	1/4	6	3.5	6	3.5	3091	✓	200	0	15 min 27 sec
3	SB/SG08-5	85		0921	5	7	1/4	6	3.5	6	3.5	2656	✓	200	0	13 min 17 sec
4	SB/SG08-15	181		0942	15	17	1/4	6	3.5	6	3.5	2801	✓	200	0	14 min
5	SB/SG08-25	85		1003	25	27	1/4	6	3.5	6	3.5	2946	✓	200	0	14 min 44 sec
6	SB/SG08-35	83		1030	35	37	1/4	6	3.5	6	3.5	3091	✓	200	0	15 min 27 sec
7	SB/SG10-5	181		1114	5	7	1/4	6	3.5	6	3.5	2656	✓	200	0	13 min 17 sec
8	SB/SG08-35 R	121		1054	35	37	1/4	6	3.5	6	3.5	3141	✓	200	0	Resample
9	SB/SG10-5 REP	83		1136	5	7	1/4	6	3.5	6	3.5	2656	✓	200	0	Replicate
10	SB/SG10-15	85		1200	15	17	1/4	6	3.5	6	3.5	2801	✓	200	0	14 min.
11	SB/SG10-25	181		1303	25	27	1/4	6	3.5	6	3.5	2946	✓	200	0	14 min 44 sec / split sample
12	SB/SG10-35	121		1325	35	37	1/4	6	3.5	6	3.5	3091	✓	200	0	15 min 27 sec

Site Notes (e.g. weather, visitors, scope deviations, health & safety issues, etc.):

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Effective: 1/1/15
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Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: GIL032315-A1 | Date: 3/27/2015

Site Address: 5211 Southern Ave, South Gate, CA | Page: 2 of 2

Consultant: Gilbane Company | H&P Rep(s): M. Montemayor, A. Wagner | Reviewed: DB

Consultant Rep(s): Ed Gillera, Pete Phillips | Scanned: SW

Purge Volume Calculation

PVT Probe ID, if applicable:	SB/SG16-5				
Tubing:	Length:	7'	Diameter: 1/4"	1 Volume:	34
Sand Pack:	Height:	6"	Diameter: 3.5"	1 Volume:	378
Dry Bentonite:	Height:	6"	Diameter: 3.5"	1 Volume:	473
PVT Increments:	1 PV =	885	3 PV= 2656	10 PV =	8852
PV Amount Selected:	3 PV		Selected by:	Ed Gillera, Pete Phillips	

Sample Volume

☒ 50cc Glass Syringe ☐ 100cc Glass Syringe ☐ Other_____

Leak Check Compound

☒ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other_____

A cloth saturated with LCC is placed around tubing connections and at the probe seal. This is done prior to every soil vapor sample collected unless otherwise noted in the field notes below.

	Sample Information				Probe Specs							Collection Information				
	Point ID	Syringe ID	Date	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing Dia (in.)	Sand Pack Ht (in.)	Sand Pack Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Purge Vol (mL)	Shut-in Test (✓=Pass)	Flow Rate (mL/min)	Probe Vacuum ("Hg)	Field Notes
1	SB/SG10-35 R	83	3/27/15	1350	35	37	1/4"	6"	3.5"	6"	3.5"	3141	✓	<200	0	Resample
2	SB/SG12-5	85	↓	1416	5	7	1/4	6	3.5	6	3.5	2656	✓	200	0	13min 17sec
3	SB/SG12-15	83	↓	1443	15	17	1/4	6	3.5	6	3.5	2801	✓	200	0	14 min
4	SB/SG12-25	121	↓	1506	25	27	1/4	6	3.5	6	3.5	2946	✓	200	0	14min 44sec
5																
6																
7																
8																
9																
10																
11																
12																

Site Notes (e.g. weather, visitors, scope deviations, health & safety issues, etc.):

H&P Mobile Geochemistry Inc.

FMS004
Revision: 2
Revised: 12/4/14
Effective: 1/1/15
Page 1 of 1

Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: GIL032315-A1 | Date: 3/30/2015

Site Address: 5030 Firestone Blvd. South Gate, CA | Page: 1 of 2

Consultant: Gilbane Company | H&P Rep(s): M. Montemayor, A. Wagner | Reviewed: DB

Consultant Rep(s): Ed Gillera, Pete Phillips | Scanned: Jn

Purge Volume Calculation

PVT Probe ID, if applicable:	SB/SG16-5				
Tubing:	Length:	7'	Diameter: 1/4"	1 Volume:	34
Sand Pack:	Height:	6"	Diameter: 3.5"	1 Volume:	378
Dry Bentonite:	Height:	6"	Diameter: 3.5"	1 Volume:	473
PVT Increments:	1 PV =	885	3 PV= 2656	10 PV =	8852
PV Amount Selected:	3 PV		Selected by:	Ed Gillera, Pete Phillips	

Sample Volume

☒ 50cc Glass Syringe ☐ 100cc Glass Syringe ☐ Other_____

Leak Check Compound

☒ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other_____

A cloth saturated with LCC is placed around tubing connections and at the probe seal. This is done prior to every soil vapor sample collected unless otherwise noted in the field notes below.

	Sample Information				Probe Specs							Collection Information				
	Point ID	Syringe ID	Date	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing Dia (in.)	Sand Pack Ht (in.)	Sand Pack Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Purge Vol (mL)	Shut-in Test (✓=Pass)	Flow Rate (mL/min)	Probe Vacuum ("Hg)	Field Notes Pump Run Time
1	SB/SG12-35	85	3/30/15	0838	35	37	1/4"	6"	3.5"	6"	3.5"	3091	✓	<200	0	15min 27sec / split sample
2	SB/SG13-5	83	↓	0900	5	7	1/4	6	3.5	6	3.5	2656	✓	200	0	13min 17sec
3	SB/SG13-15	121	↓	0925	15	17	1/4	6	3.5	6	3.5	2801	✓	200	0	14 min
4	SB/SG13-25	184	↓	1012	25	27	1/4	6	3.5	6	3.5	2946	✓	200	30	14min 44sec
5	SB/SG13-15 R	181	↓	0950	15	17	1/4	6	3.5	6	3.5	2851	✓	200	0	Resample
6	SB/SG13-25 R	85	↓	1059	25	27	1/4	6	3.5	6	3.5	2996	✓	200	30	Resample
7	SB/SG13-35	83	↓	1125	35	37	1/4	6	3.5	6	3.5	3091	✓	200	0	15min 27sec
8	SB/SG13-35 R	121	↓	1148	35	37	1/4	6	3.5	6	3.5	3141	✓	200	0	Resample
9	SB/SG14-5	85	↓	1215	5	7	1/4	6	3.5	6	3.5	2656	✓	200	0	13min 17sec
10	SB/SG14-5 REP	181	↓	1238	5	7	1/4	6	3.5	6	3.5	2706	✓	200	0	Replicate
11	SB/SG14-15	184	↓	1308	15	17	1/4	6	3.5	6	3.5	2801	✓	200	0	14 min
12	SB/SG14-35	85	↓	1335	35	37	1/4	6	3.5	6	3.5	3091	✓	200	0	15min 27sec

Site Notes (e.g. weather, visitors, scope deviations, health & safety issues, etc.):

H&P Mobile Geochemistry Inc.

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Effective: 1/1/15
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Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: GIL032315-A1 | Date: 3/30/2015

Site Address: 5030 Firestone Blvd. South Gate, CA | Page: 2 of 2

Consultant: Gilbane Company | H&P Rep(s): M. Montemayor, A. Wagner | Reviewed: DB

Consultant Rep(s): Ed Gillera, Pete Phillips | Scanned: Jn

Purge Volume Calculation

PVT Probe ID, if applicable:	SB/SG16-5				
Tubing:	Length:	7'	Diameter: 1/4"	1 Volume:	34
Sand Pack:	Height:	6"	Diameter: 3.5"	1 Volume:	378
Dry Bentonite:	Height:	6"	Diameter: 3.5"	1 Volume:	473
PVT Increments:	1 PV =	885	3 PV=	2656	10 PV = 8852
PV Amount Selected:	3 PV		Selected by:	Ed Gillera, Pete Phillips	

Sample Volume

☒ 50cc Glass Syringe ☐ 100cc Glass Syringe ☐ Other_____

Leak Check Compound

☒ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other_____

A cloth saturated with LCC is placed around tubing connections and at the probe seal. This is done prior to every soil vapor sample collected unless otherwise noted in the field notes below.

	Sample Information				Probe Specs							Collection Information				
	Point ID	Syringe ID	Date	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing Dia (in.)	Sand Pack Ht (in.)	Sand Pack Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Purge Vol (mL)	Shut-in Test (✓=Pass)	Flow Rate (mL/min)	Probe Vacuum ("Hg)	Field Notes Pump Run Time
1	SB/SG14-35 R	121	3/30/15	1414	35	37	1/4"	6"	3.5"	6"	3.5"	3141	✓	<200	0	Resample
2	SB/SG14-25	181	↓	1440	25	27	1/4	6	3.5	6	3.5	2946	✓	200	0	14min 44sec split sample
3	SB/SG15-5	184	↓	1512	5	7	1/4	6	3.5	6	3.5	2656	✓	200	0	13min 17sec
4																
5																
6																
7																
8																
9																
10																
11																
12																

Site Notes (e.g. weather, visitors, scope deviations, health & safety issues, etc.):

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Effective: 1/1/15
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Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: GIL032315-A1 | Date: 3/31/2015

Site Address: 5030 Firestone Blvd. South Gate, CA | Page: 1 of 2

Consultant: Gilbane Company | H&P Rep(s): M. Montemayor, A. Wagner | Reviewed: DB

Consultant Rep(s): Ed Gillera, Pete Phillips | Scanned: Ja

Purge Volume Calculation

PVT Probe ID, if applicable:	SB/SG16-5				
Tubing:	Length:	7'	Diameter: 1/4"	1 Volume:	34
Sand Pack:	Height:	6"	Diameter: 3.5"	1 Volume:	378
Dry Bentonite:	Height:	6"	Diameter: 3.5"	1 Volume:	473
PVT Increments:	1 PV =	885	3 PV= 2656	10 PV =	8852
PV Amount Selected:	3 PV		Selected by:	Ed Gillera, Pete Phillips	

Sample Volume

☒ 50cc Glass Syringe ☐ 100cc Glass Syringe ☐ Other_____

Leak Check Compound

☒ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other_____

A cloth saturated with LCC is placed around tubing connections and at the probe seal. This is done prior to every soil vapor sample collected unless otherwise noted in the field notes below.

	Sample Information				Probe Specs							Collection Information				
	Point ID	Syringe ID	Date	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing Dia (in.)	Sand Pack Ht (in.)	Sand Pack Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Purge Vol (mL)	Shut-in Test (✓=Pass)	Flow Rate (mL/min)	Probe Vacuum ("Hg)	Field Notes Pump Run Time
1	SB/SG15-15	121	3/31/15	0830	15	17	1/4"	6"	3.5"	6"	3.5"	2801	✓	<200	0	14 min
2	SB/SG15-15 R	184		0854	15	17	1/4	6	3.5	6	3.5	2851	✓	200	0	Resample
3	SB/SG15-25	181		0914	25	27	1/4	6	3.5	6	3.5	2946	✓	200	35	14 min 44 sec
4	SB/SG15-25 R	85		0936	25	27	1/4	6	3.5	6	3.5	2996	✓	200	35	Resample
5	SB/SG15-35	83		0958	35	37	1/4	6	3.5	6	3.5	3091	✓	200	0	15 min 27 sec
6	SB/SG15-35 R	181		1030	35	37	1/4	6	3.5	6	3.5	3141	✓	200	0	Resample
7	SB/SG26-5	121		1135	5	7	1/4	6	3.5	6	3.5	2656	✓	200	0	13 min 17 sec
8	SB/SG26-15	85		1157	15	17	1/4	6	3.5	6	3.5	2801	✓	200	0	14 min
9	SB/SG26-25	181		1217	25	27	1/4	6	3.5	6	3.5	2946	✓	200	0	14 min 44 sec
10	SB/SG26-35	83		1239	35	37	1/4	6	3.5	6	3.5	3091	✓	200	0	15 min 27 sec
11	SB/SG26-35 REP	184		1300	35	37	1/4	6	3.5	6	3.5	3141	✓	200	0	Replicate
12	SB/SG25-5	85	↓	1352	5	7	1/4	6	3.5	6	3.5	2656	✓	200	0	13 min 17 sec

Site Notes (e.g. weather, visitors, scope deviations, health & safety issues, etc.):

H&P Mobile Geochemistry Inc.

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Revised: 12/4/14
Effective: 1/1/15
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Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: GIL032315-A1 | Date: 3/31/2015

Site Address: 5030 Firestone Blvd. South Gate, CA | Page: 2 of 2

Consultant: Gilbane Company | H&P Rep(s): M. Montemayor, A. Wagner | Reviewed: DB

Consultant Rep(s): Ed Gillera, Pete Phillips | Scanned: JW

Purge Volume Calculation

PVT Probe ID, if applicable:	SB/SG16-5				
Tubing:	Length:	7'	Diameter: 1/4"	1 Volume:	34
Sand Pack:	Height:	6"	Diameter: 3.5"	1 Volume:	378
Dry Bentonite:	Height:	6"	Diameter: 3.5"	1 Volume:	473
PVT Increments:	1 PV =	885	3 PV= 2656	10 PV =	8852
PV Amount Selected:	3 PV		Selected by:	Ed Gillera, Pete Phillips	

Sample Volume

☒ 50cc Glass Syringe ☐ 100cc Glass Syringe ☐ Other_____

Leak Check Compound

☒ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other_____

A cloth saturated with LCC is placed around tubing connections and at the probe seal. This is done prior to every soil vapor sample collected unless otherwise noted in the field notes below.

	Sample Information				Probe Specs							Collection Information				
	Point ID	Syringe ID	Date	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing Dia (in.)	Sand Pack Ht (in.)	Sand Pack Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Purge Vol (mL)	Shut-in Test (✓=Pass)	Flow Rate (mL/min)	Probe Vacuum ("Hg)	Field Notes Pump Run Time
1	SB/SG25-15	121	3/31/15	1416	15	17	1/4"	6"	3.5"	6"	3.5"	2801	✓	<200	0	14 min
2	SB/SG25-25	181	↓	1435	25	27	1/4	6	3.5	6	3.5	2946	✓	200	0	14 min 44 sec
3	SB/SG25-35	85	↓	1457	35	37	1/4	6	3.5	6	3.5	3091	✓	200	0	15 min 27 sec
4	SB/SG24-5	83	↓	1521	5	7	1/4	6	3.5	6	3.5	2656	✓	200	0	3 min 17 sec
5	SB/SG24-15	184	↓	1539	15	17	1/4	6	3.5	6	3.5	2801	✓	200	0	14 min
6																
7																
8																
9																
10																
11																
12																

Site Notes (e.g. weather, visitors, scope deviations, health & safety issues, etc.):

H&P Mobile Geochemistry Inc.

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Revision: 2
Revised: 12/4/14
Effective: 1/1/15
Page 1 of 1

Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: GIL032315-A1 | Date: 4/1/2015

Site Address: 9301 Rato Ave. South Gate, CA | Page: 1 of 2

Consultant: Gilbane Company | H&P Rep(s): M. Montemayor, A. Wagner | Reviewed: DB

Consultant Rep(s): Ed Gillera, Pete Phillips | Scanned: Zn

Purge Volume Calculation

PVT Probe ID, if applicable:	SB/SG16-5				
Tubing:	Length:	7'	Diameter: 1/4"	1 Volume:	34
Sand Pack:	Height:	6"	Diameter: 3.5"	1 Volume:	378
Dry Bentonite:	Height:	6"	Diameter: 3.5"	1 Volume:	473
PVT Increments:	1 PV =	885	3 PV= 2656	10 PV =	8852
PV Amount Selected:	3 PV		Selected by:	Ed Gillera, Pete Phillips	

Sample Volume

☒ 50cc Glass Syringe ☐ 100cc Glass Syringe ☐ Other_____

Leak Check Compound

☒ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other_____

A cloth saturated with LCC is placed around tubing connections and at the probe seal. This is done prior to every soil vapor sample collected unless otherwise noted in the field notes below.

	Sample Information				Probe Specs							Collection Information				
	Point ID	Syringe ID	Date	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing Dia (in.)	Sand Pack Ht (in.)	Sand Pack Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Purge Vol (mL)	Shut-in Test (✓=Pass)	Flow Rate (mL/min)	Probe Vacuum ("Hg)	Field Notes
1	SB1SG24-25	181	4/1/15	0835	25	27	1/4"	6"	3.5"	6"	3.5"	2946	✓	<200	20	14min44sec
2	SB1SG24-35	83		0859	35	37	1/4	6	3.5	6	3.5	3091	✓	200	0	15min 27 sec/split sample
3	SB1SG23-5	85		0922	5	7	1/4	6	3.5	6	3.5	2656	✓	200	0	13min 17sec
4	SB1SG23-15	184		0952	15	17	1/4	6	3.5	6	3.5	2801	✓	200	0	14min
5	SB1SG23-25	121		1017	25	27	1/4	6	3.5	6	3.5	2946	✓	200	0	14min 44sec
6	SB1SG23-35	85		1045	35	37	1/4	6	3.5	6	3.5	3091	✓	200	0	15min 27sec
7	SB1SG22-5	181		1112	5	7	1/4	6	3.5	6	3.5	2656	✓	200	0	13min 17sec
8	SB1SG22-25	83		1145	25	27	1/4	6	3.5	6	3.5	2946	✓	200	0	14min 44sec
9	SB1SG22-35	184		1206	35	37	1/4	6	3.5	6	3.5	3091	✓	200	0	15min 27sec
10	SB1SG22-25REP	121		1234	25	27	1/4	6	3.5	6	3.5	299	✓	200	0	Replicate
11	SB1SG20-15	83		1438	15	17	1/4	6	3.5	6	3.5	2801	✓	200	100	14min/high vacuum
12	SB1SG20-5	85	↓	1305	5	7	1/4	6	3.5	6	3.5	2656	✓	200	0	13min17sec

Site Notes (e.g. weather, visitors, scope deviations, health & safety issues, etc.):

H&P Mobile Geochemistry Inc.

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Revision: 2
Revised: 12/4/14
Effective: 1/1/15
Page 1 of 1

Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: GIL032315-A1
Date: 4/1/2015
Site Address: 9301 Rato Ave. South Gate, CA
Page: 2 of 2
Consultant: Gilbane Company
H&P Rep(s): M. Montemayor, A. Wagner
Consultant Rep(s): Ed Gillera, Pete Phillips

Reviewed: DB
Scanned: JN

Purge Volume Calculation

PVT Probe ID, if applicable:	SB/SG16-5				
Tubing:	Length:	7'	Diameter: 1/4"	1 Volume:	34
Sand Pack:	Height:	6"	Diameter: 3.5"	1 Volume:	378
Dry Bentonite:	Height:	6"	Diameter: 3.5"	1 Volume:	473
PVT Increments:	1 PV =	885	3 PV= 2656	10 PV =	8852
PV Amount Selected:	3 PV		Selected by:	Ed Gillera, Pete Phillips	

Sample Volume

☒ 50cc Glass Syringe ☐ 100cc Glass Syringe ☐ Other_____

Leak Check Compound

☒ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other_____

A cloth saturated with LCC is placed around tubing connections and at the probe seal. This is done prior to every soil vapor sample collected unless otherwise noted in the field notes below.

	Sample Information				Probe Specs							Collection Information				
	Point ID	Syringe ID	Date	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing Dia (in.)	Sand Pack Ht (in.)	Sand Pack Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Purge Vol (mL)	Shut-in Test (✓=Pass)	Flow Rate (mL/min)	Probe Vacuum ("Hg)	Field Notes Pump 12on Times
1	SB/SG20-35	181	4/1/15	1503	35	37	1/4"	6"	3.5"	6"	3.5"	3091	✓	<200	0	15min 27sec
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																

Site Notes (e.g. weather, visitors, scope deviations, health & safety issues, etc.):

H&P Mobile Geochemistry Inc.

FMS004
Revision: 2
Revised: 12/4/14
Effective: 1/1/15

Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: GIL032315-A1
Date: 4/2/2015
Site Address: 9301 Rato Ave. South Gate, CA
Page: 1 of 1
Consultant: Gilbane Company
H&P Rep(s): M. Montemayor, A. Wagner
Consultant Rep(s): Ed Gillera, Pete Phillips

Reviewed: DB
Scanned: Jn

Purge Volume Calculation

PVT Probe ID, if applicable:	SB/SG16-5				
Tubing:	Length:	7'	Diameter: 1/4"	1 Volume:	34
Sand Pack:	Height:	6"	Diameter: 3.5"	1 Volume:	378
Dry Bentonite:	Height:	6"	Diameter: 3.5"	1 Volume:	473
PVT Increments:	1 PV =	885	3 PV= 2656	10 PV =	8852
PV Amount Selected:	3 PV		Selected by:	Ed Gillera, Pete Phillips	

Sample Volume

☒ 50cc Glass Syringe ☐ 100cc Glass Syringe ☐ Other_____

Leak Check Compound

☒ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other_____

A cloth saturated with LCC is placed around tubing connections and at the probe seal. This is done prior to every soil vapor sample collected unless otherwise noted in the field notes below.

	Sample Information				Probe Specs							Collection Information				
	Point ID	Syringe ID	Date	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing Dia (in.)	Sand Pack Ht (in.)	Sand Pack Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Purge Vol (mL)	Shut-in Test (✓=Pass)	Flow Rate (mL/min)	Probe Vacuum ("Hg)	Field Notes Pump Run Time
1	SB/SG21-35	184	4/2/15	0823	35	37	1/4"	6"	3.5"	6"	3.5"	3091	✓	<200	0	15min 27sec
2	SB/SG21-5	83	↓	0847	5	7	1/4	6	3.5	6	3.5	2656	✓	200	0	13min 17sec
3	SB/SG22-15	na	↓	Na	15	17	1/4	6	3.5	6	3.5	2801	✓	200	100	14min / high vacuum / Pulled 120 no sample collected
4	SB/SG20-25	121	↓	1006	25	27	1/4	6	3.5	6	3.5	2946	✓	200	90	14min44sec / high vacuum
5	SB/SG21-5 REP	85	↓	0913	5	7	1/4	6	3.5	6	3.5	2706	✓	200	0	Replicate
6	SB/SG21-15	181	↓	0933	15	17	1/4	6	3.5	6	3.5	2801	✓	200	0	14min
7	SB/SG21-25	85	↓	1029	25	27	1/4	6	3.5	6	3.5	2946	✓	200	100	14min44sec / high vacuum
8																
9																
10																
11																
12																

Site Notes (e.g. weather, visitors, scope deviations, health & safety issues, etc.):

GILBANE COMPANY

JERVIS WEBB
(J163007200-002)

H&P PROJECT # GIL032315-A1

LEVEL III-IV DATA PACKAGE

ANALYTICAL DATA
3/23/15

H&P Mobile Geochemistry Inc.

TO-15 RUN LOG
Laboratory #: *A1*
Instrument #: *MS10*

Client(s): Gilbane Company

H&P Project #'s: GIL032315-A1

Page: 1 of 1
Operator: *MCM*
Date: 3/23/2015

Work Order(s): E503100

ICAL Method(s): 022015VOC_TO15.M
Analyses: TO-15 VOCs Client List + Napth + Dioxane + Chloromethane
Batch #'s: EC52303

1st Source Std	ACC-1386T	Exp.	4/12/2015	Conc.	1000 ppbv	cc Injected:	0.05
2nd Source Std	ACC-1387T	Exp.	4/12/2015	Conc.	1000 ppbv	cc Injected:	0.05
APH/TPH Std	ACC-1371T	Exp.	3/26/2015	Conc.	25000 ppbv	cc Injected:	0.10
I.S./Surr. Std	AIS-828	Exp.	4/9/2015	Conc.	209 ppbv	cc Injected:	1.00

1st Source Med Std:	Expiration:	Conc.	100ppbv
1st Source Low Std:	Expiration:	Conc.	50ppbv
APH/TPH Low Std:	Expiration:	Conc.	

Lab Temperatures:
High (°C) : 24
Low (°C) : 15

Workorder Number	Syringe ID #	Sample Dilution	Volume Analyzed (cc)	Final Dilution Factor	port #	Sample Name	Data File Name	Comments
blank	line	1	1	1	1-1	blank-1	blank-1	wash
blank	line	1	1	1	1-1	blank-2	blank-2	bfb check ok
ACC-1386T	SV0042	1	0.05	20	1-2	ccv1	ccv1	CCV ok
blank	line	1	1	1	1-3	blank-3	blank-3	wash
EC52303-BLK1	line	1	1	1	1-3	blank-4	blank-4	ND
E503100-01	sv0121	1	1	1	1-3	SB/SG16-5 1PV	SB/SG16-5 1PV	ok
E503100-02	sv0184	1	1	1	1-3	SB/SG16-5 3PV	SB/SG16-5 3PV	ok
E503100-03	sv0083	1	1	1	1-3	SB/SG16-5 10PV	SB/SG16-5 10PV	ok
E503100-04	sv0085	1	1	1	1-3	SB/SG16-25 1PV	SB/SG16-25 1PV	TCE O.R.
blank	line	1	1	1	1-3	blank-5	blank-5	wash
E503100-04	sv0121	1	0.1	10	1-3	SB/SG16-25 1PV R	SB/SG16-25 1PV R	TCE ok
E503100-05	sv0184	1	1	1	1-3	SB/SG16-25 3PV	SB/SG16-25 3PV	TCE O.R.
E503100-05	sv0083	1	0.1	10	1-3	SB/SG16-25 3PV R	SB/SG16-25 3PV R	TCE ok
E503100-06	sv0085	1	1	1	1-3	SB/SG16-15 1PV	SB/SG16-15 1PV	F113 O.R.
E503100-06	sv0181	1	0.1	10	1-3	SB/SG16-15 1PV R	SB/SG16-15 1PV R	Low F113, will rerun
E503100-06	sv0181	1	0.1	10	1-3	SB/SG16-15 1PV RR	SB/SG16-15 1PV RR	Low F113, will use E-flag.
E503100-07	sv0085	1	1	1	1-3	SB/SG16-25 10PV	SB/SG16-25 10PV	TCE O.R.
E503100-07	sv0184	1	0.1	10	1-3	SB/SG16-25 10PV R	SB/SG16-25 10PV R	TCE ok
EC52303-BS1	SV0042	1	0.05	20	1-2	LCS-1	LCS-1	ok

Analyst Initials MCM Date 3/23/15

INTERNAL STANDARD SUMMARY LOG FOR TO-15 MOBILE LAB A1

022015VOC_TO15.M

March 23, 2015

Client Sample Name	Sample Name	Bromochloromethane		1,4-Difluorobenzene		Chlorobenzene-d5	
		R.T.	Response	R.T.	Response	R.T.	Response
ccv1.D	50ppbv VOCs	5.43	72520	6.25	256421	8.32	73031
LCS-1.D	ec52303-bs1	5.42	64282	6.23	235306	8.30	63978
blank-4.D	ec52303-blk1	5.42	71234	6.23	258979	8.30	83519
SBSG16-5_1PV.D	E503100-01	5.43	77380	6.23	255312	8.30	69268
SBSG16-5_3PV.D	E503100-02	5.43	75872	6.23	256143	8.30	77753
SBSG16-5_10PV.D	E503100-03	5.44	82827	6.25	258298	8.3	90385
SBSG16-25_1PV R.D	E503100-04	5.42	68523	6.23	239413	8.3	73318
SBSG16-25_1PV.D	E503100-04	5.43	71873	6.23	260120	8.3	79913
SBSG16-25_3PV R.D	E503100-05	5.43	67257	6.23	244515	8.3	73401
SBSG16-25_3PV.D	E503100-05	5.43	67400	6.23	252512	8.3	85784
SBSG16-15_1PV.D	E503100-06	5.43	68501	6.23	262323	8.30	82025
SBSG16-25_10PV R.D	E503100-07	5.43	67366	6.23	239778	8.3	72319
SBSG16-25_10PV.D	E503100-07	5.43	71317	6.23	252754	8.3	76351

Criteria for CCV:

Acceptance Range Minimum	5.37	43147	6.18	155959	8.26	46059
Acceptance Range Maximum	5.49	100676	6.30	363905	8.38	107471

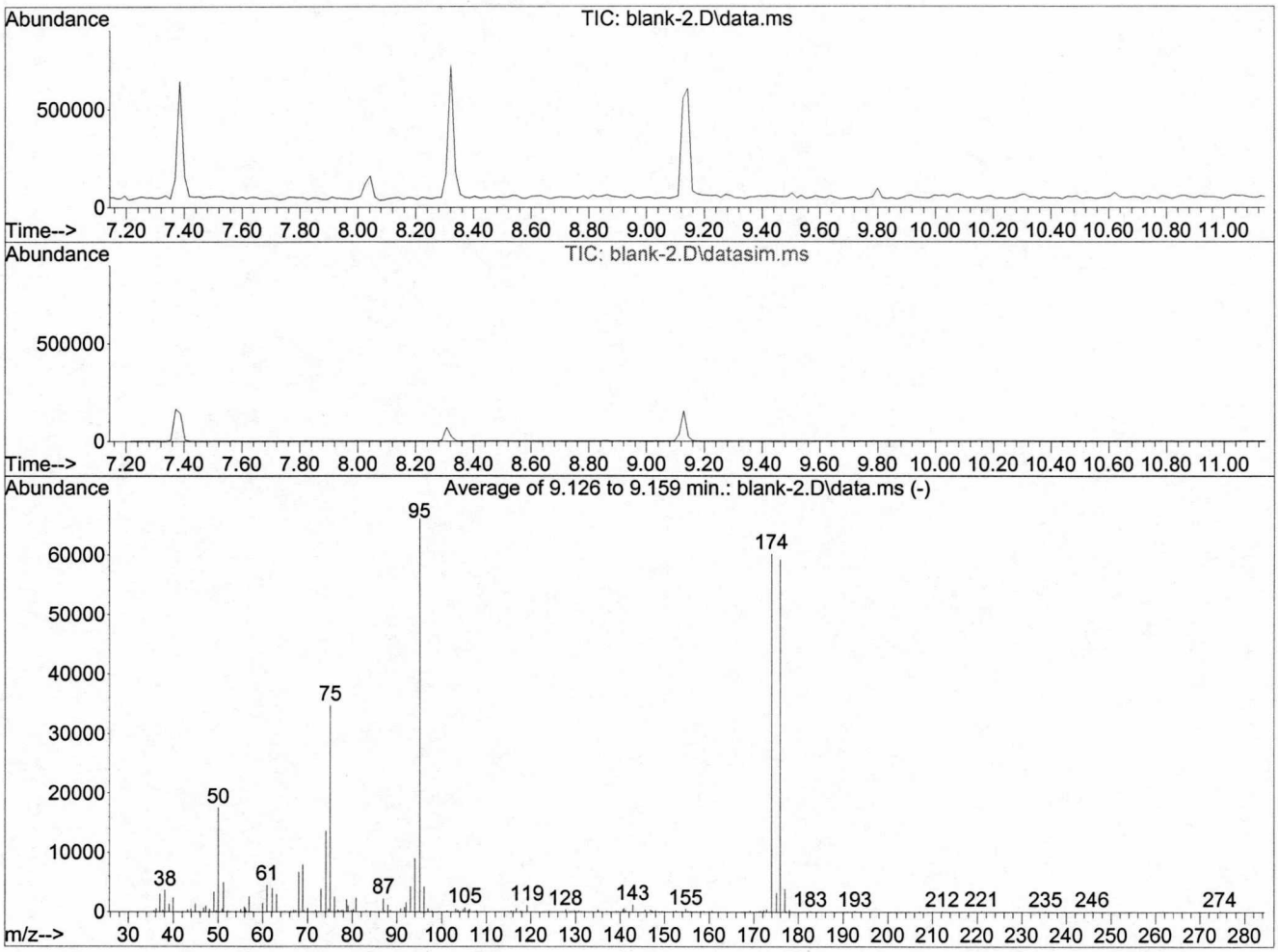
Criteria for Samples, Blanks & Spikes:

Acceptance Range Minimum	5.27	43512	6.09	153853	8.16	43819
Acceptance Range Maximum	5.59	101528	6.41	358989	8.48	102243

Data Path : C:\msdchem\1\DATA\032315\
Data File : blank-2.D
Acq On : 22 Mar 2015 16:37
Operator : mm
Sample : blank
Misc : 1,
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: lscint.p
Integration File signal 2: rteint2.p

Method : C:\msdchem\1\METHODS\022015VOC_TO15 .M
Title : TO-15 SV GC/MS#10
Last Update : Fri Apr 17 13:03:06 2015



AutoFind: Scans 445, 446, 447; Background Corrected with Scan 442

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	26.5	17532	PASS
75	95	30	66	52.6	34756	PASS
95	95	100	100	100.0	66045	PASS
96	95	5	9	6.4	4254	PASS
173	174	0.00	2	0.8	496	PASS
174	95	50	120	91.1	60180	PASS
175	174	4	9	5.3	3198	PASS
176	174	93	101	98.3	59181	PASS
177	176	5	9	6.6	3877	PASS

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\DATA\032315\
Data File : ccv1.D
Acq On : 22 Mar 2015 18:11
Operator : mm
Sample : 50ppbv VOCs
Misc : 1,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 22 18:33:20 2015
Quant Method : C:\msdchem\1\METHODS\022015VOC_TO15 .M
Quant Title : TO-15 SV GC/MS#10
QLast Update : Sun Mar 22 17:38:34 2015
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	109	0.01
2	T	1,1,1 Trifluoroethane	0.868	0.998	-15.0	136	-0.01
3	T	1,1,1,2 Tetrafluoroethane	1.164	1.423	-22.3	131	-0.01
4	T	1,1-Difluoroethane	1.148	1.077	6.2	111	0.00
5	T	Propene	0.773	1.005	-30.0#	183#	0.00
6	T	Dichlorodifluoromethane	3.007	3.105	-3.3	140#	0.00
7	T	Chloromethane	1.026	0.772	24.8	114	-0.01
8	T	Dichlorotetrafluoroethane	2.835	2.759	2.7	128	-0.01
9	T	Vinyl Chloride	0.945	0.905	4.2	110	0.00
10	T	1,3-Butadiene~39	0.967	0.918	5.1	103	0.01
11	T	1,3-Butadiene~54	0.821	0.679	17.3	99	0.03
12	T	Bromomethane	0.941	0.915	2.8	162#	-0.01
13	T	Chloroethane	0.455	0.443	2.6	149#	-0.01
14	T	Ethanol	0.397	0.056	85.9#	18#	0.18
15	T	Trichlorofluoromethane	3.596	3.868	-7.6	136	0.00
16	T	Acetone	1.657	0.821	50.5#	61	0.01
17	T	Isopropyl alcohol	2.480	1.603	35.4#	77	0.00
18	T	1,1-Dichloroethene	1.740	1.530	12.1	106	0.00
19	TC	tert-Butyl Alcohol	2.821	2.404	14.8	109	0.00
20	TC	Methylene Chloride	0.654	0.786	-20.2	149#	-0.01
21	TC	1,1,2-Trichlorotrifluoroeth	2.085	1.948	6.6	116	-0.01
22	TC	Carbon Disulfide	2.340	2.186	6.6	123	0.01
23	TC	trans-1,2-Dichloroethene	1.636	1.531	6.4	133	0.01
24	TC	1,1-Dichloroethane	1.980	1.718	13.2#	109	0.01
25	TC	Methyl tert-Butyl Ether	2.939	2.909	1.0	130	0.00
26	TC	Vinyl Acetate	3.995	3.611	9.6	136	0.00
27	TC	2-Butanone	0.342	0.314	8.2	251#	0.01
28	TC	cis-1,2-dichloroethene	1.526	1.346	11.8	99	-0.01
29	TC	Di-Isopropyl Ether	4.623	4.137	10.5	119	0.00
30	TC	Ethyl Acetate	5.744	4.901	14.7	108	0.00
31	TC	n-Hexane	1.472	1.465	0.5#	121	0.00
32	TC	Chloroform	2.276	2.119	6.9	122	0.01
33		2,2 Dichloropropane	2.362	2.149	9.0	113	0.00
34	TC	Ethyl tert-Butyl Ether	3.734	3.509	6.0#	122	0.00
35	TC	Tetrahydrofuran	0.343	0.324	5.5	152#	0.00
36	S	1,2-Dichloroethane-d4	1.813	1.791	1.2	108	0.02
37	TC	1,2-Dichloroethane	1.916	2.181	-13.8	132	0.02
38	TC	1,1,1-Trichloroethane	2.872	3.078	-7.2	134	0.00
39		1,1-Dichloropropene	1.693	1.775	-4.8	138	0.01
40	TC	Benzene	2.405	2.703	-12.4	162#	0.02
41	TC	Carbon Tetrachloride	3.185	3.441	-8.0	119	0.01
42	I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.03
43	TC	Cyclohexane	0.314	0.287	8.6	94	0.09
44	TC	tert-Amyl Methyl Ether	0.815	0.683	16.2	113	0.02
45		Dibromomethane	0.328	0.300	8.5	112	0.03
46	TC	1,2-Dichloropropane	0.277	0.288	-4.0	167#	0.02
47	TC	Bromodichloromethane	0.744	0.744	0.0	118	0.03
48	TC	Trichloroethene	0.376	0.426	-13.3	111	0.03
49	TC	1,4-Dioxane	0.171	0.184	-7.6	163#	0.04

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\DATA\032315\
Data File : ccv1.D
Acq On : 22 Mar 2015 18:11
Operator : mm
Sample : 50ppbv VOCs
Misc : 1,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 22 18:33:20 2015
Quant Method : C:\msdchem\1\METHODS\022015VOC_TO15 .M
Quant Title : TO-15 SV GC/MS#10
QLast Update : Sun Mar 22 17:38:34 2015
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	TC	2,2,4-Trimethylpentane	1.381	1.184	14.3#	110	0.02
51	TC	n-Heptane	0.226	0.235	-4.0#	118	0.02
52	TC	cis-1,3-Dichloropropene	0.487	0.436	10.5	125	0.03
53	TC	4-Methyl-2-Pentanone	0.905	0.749	17.2	115	0.02
54	TC	trans-1,3-Dichloropene	0.523	0.435	16.8	112	0.04
55	TC	1,1,2-Trichloroethane	0.316	0.338	-7.0	133	0.03
56	S	Toluene-d8	0.931	0.956	-2.7	105	0.03
57		1,3 Dichloropropane	0.433	0.430	0.7	107	0.03
58	TC	Toluene	1.001	0.907	9.4#	113	0.03
59	TC	2-Hexanone	0.794	0.785	1.1#	136	0.05
60	TC	Dibromochloromethane	0.804	0.746	7.2#	115	0.03
61	TC	1,2-Dibromoethane	0.545	0.585	-7.3	133	0.03
62	TC	Tetrachloroethene	0.538	0.587	-9.1	168#	0.03
63	I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.05
64	TC	1,1,1,2 Tetrachloroethane	1.687	1.780	-5.5	115	0.03
65	TC	Chlorobenzene	2.561	2.865	-11.9	128	0.03
66	TC	Ethylbenzene	4.562	3.792	16.9	95	0.05
67	TC	m,p-xylene	3.535	3.196	9.6	122	0.05
68	TC	Bromoform	2.706	2.834	-4.7#	135	0.05
69	TC	Styrene	2.595	2.559	1.4	126	0.05
70	TC	1,1,2,2-Tetrachloroethane	2.007	2.223	-10.8	160#	0.05
71	TC	o-xylene	3.634	3.481	4.2	114	0.05
72		1,2,3-Trichloropropane	1.826	1.923	-5.3	137	0.05
73		Isopropylbenzene	4.912	4.700	4.3	112	0.05
74	S	1,4-Bromofluorobenzene	2.368	2.215	6.5	95	0.05
75		Bromobenzene	1.852	1.921	-3.7	128	0.05
76		2-Chlorotoluene	1.313	1.129	14.0	99	0.05
77		n-Propylbenzene	12.058	8.507	29.4	107	0.05
78		4-Chlorotoluene	1.010	1.347	-33.4#	160#	0.05
79	TC	4-Ethyltoluene	4.729	4.592	2.9#	135	0.10
80	TC	1,3,5-Trimethylbenzene	4.107	3.731	9.2	117	0.07
81	TC	1,2,4-Trimethylbenzene	3.980	3.486	12.4	114	0.08
82		tert-Butylbenzene	4.530	4.662	-2.9	141#	0.06
83	TC	Benzyl Chloride	3.844	3.354	12.7	132	0.05
84	TC	1,3-Dichlorobenzene	3.392	2.984	12.0#	115	0.06
85	TC	1,4-Dichlorobenzene	2.633	2.791	-6.0	173#	0.07
86		sec-Butylbenzene	5.526	4.941	10.6	113	0.06
87	TC	p-Isopropyltoluene	5.075	4.900	3.4	133	0.06
88	TC	1,2-Dichlorobenzene	2.667	2.390	10.4	123	0.06
89		n-Butylbenzene	3.839	3.402	11.4	98	0.06
90		1,2 Dibromo-3-chloropropane	1.523	1.474	3.2	117	0.06
91	TC	1,2,4-Trichlorobenzene	2.044	1.851	9.4#	130	0.06
92	TC	Naphthalene	4.086	2.968	27.4	114	0.06
93		1,2,3-Trichlorobenzene	1.714	1.605	6.4	127	0.06
94	TC	Hexachlorobutadiene	1.655	1.347	18.6	126	0.08

(#) = Out of Range SPCC's out = 0 CCC's out = 12

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\032315\
Data File : ccv1.D
Acq On : 22 Mar 2015 18:11
Operator : mm
Sample : 50ppbv VOCs
Misc : 1,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 22 18:33:20 2015
Quant Method : C:\msdchem\1\METHODS\022015VOC_TO15 .M
Quant Title : TO-15 SV GC/MS#10
QLast Update : Sun Mar 22 17:38:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.431	130	72520	209.00	ppbv	0.00
42) 1,4-Difluorobenzene	6.248	114	256421	209.00	ppbv	0.01
63) Chlorobenzene-d5	8.321	54	73031	209.00	ppbv	0.00
System Monitoring Compounds						
36) 1,2-Dichloroethane-d4	5.761	65	129861	206.48	ppbv	0.01
Spiked Amount 209.000			Recovery	=	98.79%	
56) Toluene-d8	7.385	98	245253	214.67	ppbv	0.02
Spiked Amount 209.000			Recovery	=	102.71%	
74) 1,4-Bromofluorobenzene	9.142	95	161778	195.55	ppbv	-0.02
Spiked Amount 209.000			Recovery	=	93.56%	
Target Compounds						Qvalue
2) 1,1,1 Trifluoroethane	3.128	65	17315	57.47	ppbv #	52
3) 1,1,1,2 Tetrafluoroethane	3.154	83	24690	61.14	ppbv #	1
4) 1,1-Difluoroethane	3.207	51	18680	46.88	ppbv	86
5) Propene	3.259	41	17439	65.01	ppbv #	39
6) Dichlorodifluoromethane	3.298	85	53862	51.62	ppbv #	91
7) Chloromethane	3.402	50	13390	37.61	ppbv #	63
8) Dichlorotetrafluoroethane	3.454	85	47862	48.65	ppbv #	74
9) Vinyl Chloride	3.533	62	15700	47.89	ppbv #	100
10) 1,3-Butadiene~39	3.611	39	15932	47.49	ppbv #	76
11) 1,3-Butadiene~54	3.598	54	11776	41.36	ppbv #	72
12) Bromomethane	3.754	94	15880	48.65	ppbv #	75
13) Chloroethane	3.832	64	7682	48.66	ppbv	97
14) Ethanol	4.119	45	975	7.07	ppbv	95
15) Trichlorofluoromethane	4.198	101	67113	53.79	ppbv #	85
16) Acetone	4.198	43	14240	24.77	ppbv #	80
17) Isopropyl alcohol	4.250	45	27810	32.32	ppbv #	83
18) 1,1-Dichloroethene	4.484	61	26542	43.97	ppbv #	89
19) tert-Butyl Alcohol	4.511	59	41716	42.62	ppbv	94
20) Methylene Chloride	4.511	84	13629	60.07	ppbv #	59
21) 1,1,2-Trichlorotrifluo...	4.628	101	33796	46.71	ppbv #	74
22) Carbon Disulfide	4.693	76	37919	46.71	ppbv	98
23) trans-1,2-Dichloroethene	4.928	61	26570	46.81	ppbv #	87
24) 1,1-Dichloroethane	5.006	63	29801	43.38	ppbv #	88
25) Methyl tert-Butyl Ether	5.032	73	50474	49.49	ppbv #	89
26) Vinyl Acetate	5.045	43	62653	45.20	ppbv #	96
27) 2-Butanone	5.215	72	5443	45.86	ppbv #	1
28) cis-1,2-dichloroethene	5.351	61	23344	44.09	ppbv #	73
29) Di-Isopropyl Ether	5.420	45	71769	44.74	ppbv	87
30) Ethyl Acetate	5.431	43	85036	42.67	ppbv #	91
31) n-Hexane	5.442	57	25415	49.77	ppbv #	40
32) Chloroform	5.476	83	36768	46.55	ppbv #	53
33) 2,2 Dichloropropane	5.499	77	37283	45.50	ppbv	97
34) Ethyl tert-Butyl Ether	5.647	59	60880	46.99	ppbv	95
35) Tetrahydrofuran	5.692	71	5627	47.30	ppbv	86
37) 1,2-Dichloroethane	5.806	62	37846	56.91	ppbv #	93
38) 1,1,1-Trichloroethane	5.920	97	53405	53.59	ppbv #	66
39) 1,1-Dichloropropene	6.056	75	30793	52.41	ppbv	96
40) Benzene	6.130	78	46890	56.19	ppbv	99
41) Carbon Tetrachloride	6.189	117	59692	54.01	ppbv #	89
43) Cyclohexane	6.262	84	17619	45.74	ppbv #	61
44) tert-Amyl Methyl Ether	6.359	73	41915	41.90	ppbv #	90

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\032315\
Data File : ccv1.D
Acq On : 22 Mar 2015 18:11
Operator : mm
Sample : 50ppbv VOCs
Misc : 1,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 22 18:33:20 2015
Quant Method : C:\msdchem\1\METHODS\022015VOC_TO15 .M
Quant Title : TO-15 SV GC/MS#10
QLast Update : Sun Mar 22 17:38:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
45) Dibromomethane	6.463	93	18400	45.78 ppbv #	66
46) 1,2-Dichloropropane	6.476	63	17666	51.97 ppbv #	100
47) Bromodichloromethane	6.555	83	45670	50.05 ppbv	83
48) Trichloroethene	6.581	95	26105	56.61 ppbv	88
49) 1,4-Dioxane	6.594	58	11301	53.91 ppbv #	74
50) 2,2,4-Trimethylpentane	6.594	57	72633	42.87 ppbv	100
51) n-Heptane	6.685	71	14434	51.97 ppbv #	73
52) cis-1,3-Dichloropropene	6.959	75	26742	44.78 ppbv #	87
53) 4-Methyl-2-Pentanone	6.959	43	45957	41.40 ppbv #	94
54) trans-1,3-Dichloropene	7.181	75	26685	41.62 ppbv #	75
55) 1,1,2-Trichloroethane	7.286	97	20736	53.44 ppbv #	67
57) 1,3 Dichloropropane	7.434	76	26385	49.69 ppbv #	61
58) Toluene	7.434	91	55658	45.32 ppbv	85
59) 2-Hexanone	7.532	43	48154	49.41 ppbv #	83
60) Dibromochloromethane	7.647	129	45762	46.38 ppbv #	83
61) 1,2-Dibromoethane	7.779	107	35892	53.70 ppbv	89
62) Tetrachloroethene	7.992	166	36036	54.57 ppbv	99
64) 1,1,1,2 Tetrachloroethane	8.321	131	31101	52.75 ppbv	98
65) Chlorobenzene	8.337	112	50058	55.94 ppbv #	84
66) Ethylbenzene	8.534	91	66258	41.56 ppbv #	71
67) m,p-xylene	8.616	91	111663	90.40 ppbv	89
68) Bromoform	8.682	173	49506	52.36 ppbv	84
69) Styrene	8.814	104	44707	49.31 ppbv	92
70) 1,1,2,2-Tetrachloroethane	8.863	83	38836	55.39 ppbv	93
71) o-xylene	8.879	91	60820	47.90 ppbv	95
72) 1,2,3-Trichloropropane	8.945	75	33590	52.64 ppbv	93
73) Isopropylbenzene	9.208	105	82116	47.84 ppbv #	83
75) Bromobenzene	9.290	156	33558	51.86 ppbv	87
76) 2-Chlorotoluene	9.503	126	19720	42.98 ppbv #	1
77) n-Propylbenzene	9.503	91	148637	35.28 ppbv	99
78) 4-Chlorotoluene	9.536	126	23538	66.70 ppbv #	1
79) 4-Ethyltoluene	9.602	105	80235	48.55 ppbv	98
80) 1,3,5-Trimethylbenzene	9.635	105	65186	45.42 ppbv	94
81) 1,2,4-Trimethylbenzene	9.914	105	60900	43.79 ppbv	92
82) tert-Butylbenzene	9.914	119	81446	51.45 ppbv	96
83) Benzyl Chloride	9.996	91	58595	43.63 ppbv	97
84) 1,3-Dichlorobenzene	10.029	146	52133	43.98 ppbv #	77
85) 1,4-Dichlorobenzene	10.062	146	48755	52.99 ppbv #	83
86) sec-Butylbenzene	10.095	105	86332	44.71 ppbv	96
87) p-Isopropyltoluene	10.193	119	85603	48.27 ppbv #	92
88) 1,2-Dichlorobenzene	10.308	146	41750	44.80 ppbv #	84
89) n-Butylbenzene	10.489	91	59444	44.32 ppbv	97
90) 1,2 Dibromo-3-chloropr...	10.620	75	25758	48.41 ppbv	89
91) 1,2,4-Trichlorobenzene	11.606	180	32333	45.27 ppbv #	62
92) Naphthalene	11.705	128	51855	36.32 ppbv #	87
93) 1,2,3-Trichlorobenzene	11.918	180	28034	46.82 ppbv	100
94) Hexachlorobutadiene	11.984	225	23542	40.72 ppbv	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

```
Data Path : C:\msdchem\1\DATA\032315\
Data File : ccv1.D
Acq On    : 22 Mar 2015  18:11
Operator  : mm
Sample    : 50ppbv VOCs
Misc      : 1,
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Mar 22 18:33:20 2015
Quant Method : C:\msdchem\1\METHODS\022015VOC_TO15 .M
Quant Title  : TO-15 SV  GC/MS#10
QLast Update : Sun Mar 22 17:38:34 2015
Response via : Initial Calibration
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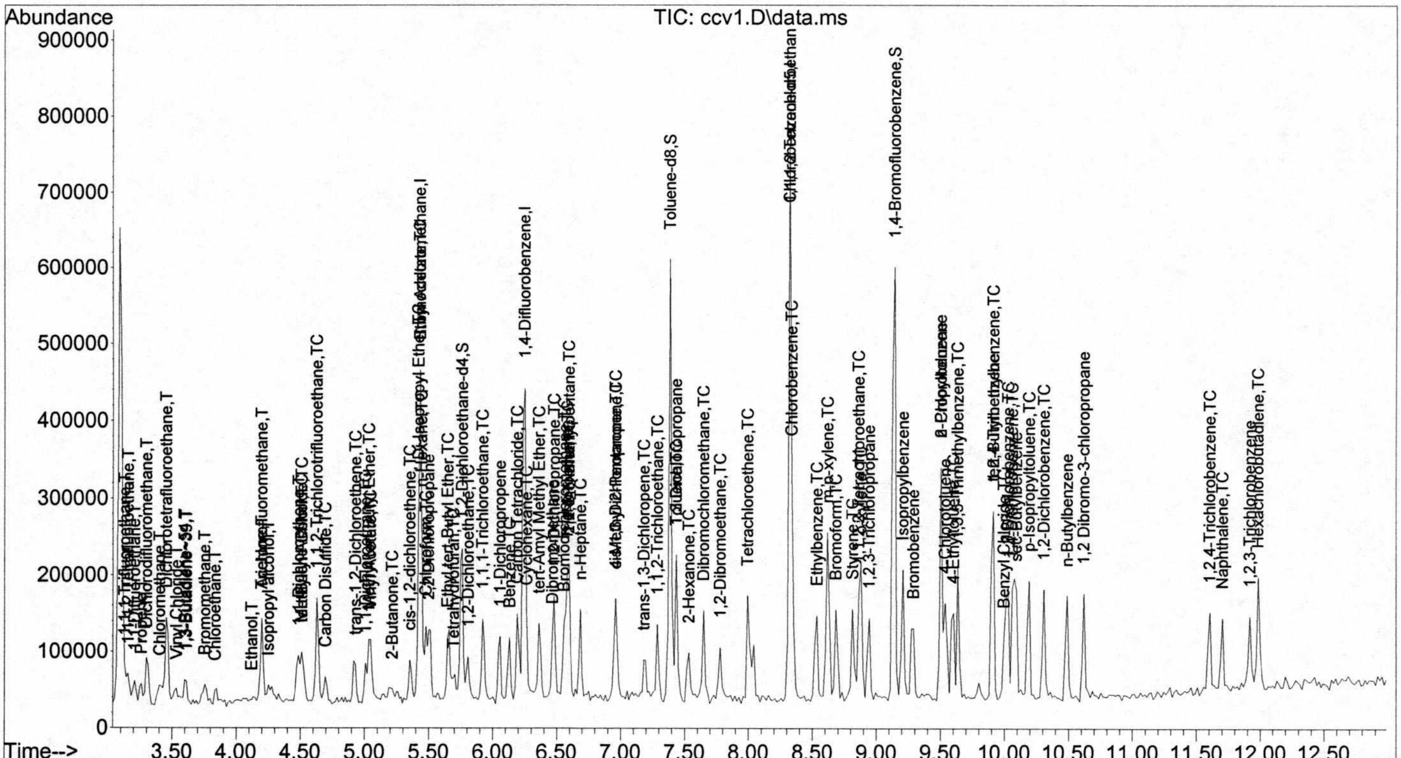
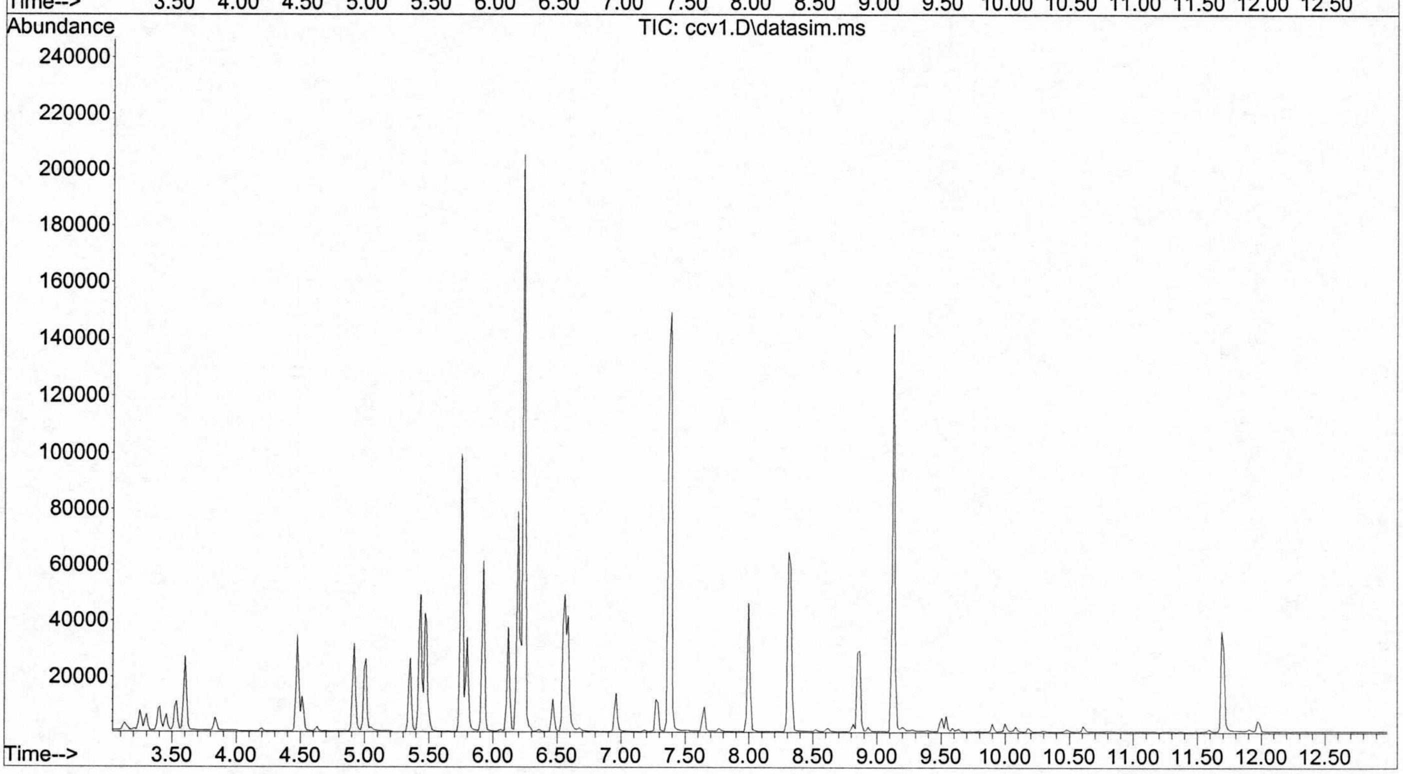
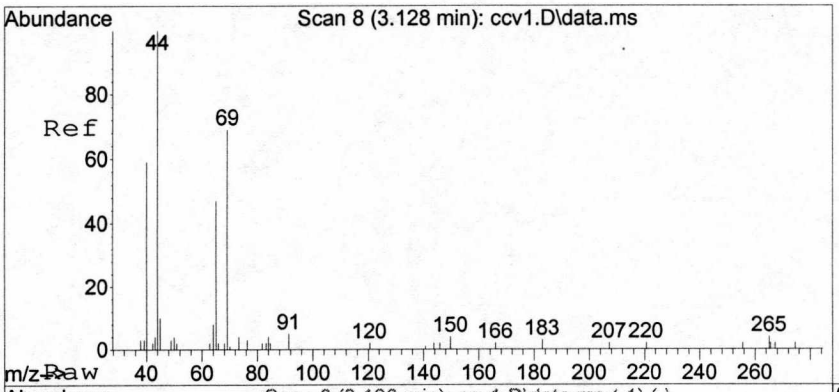


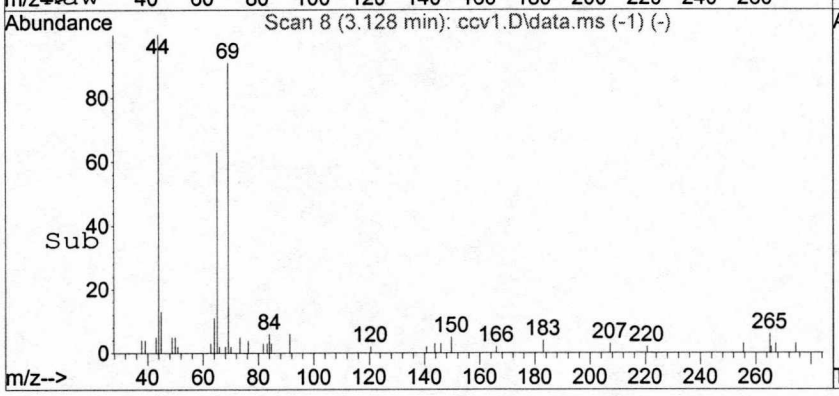


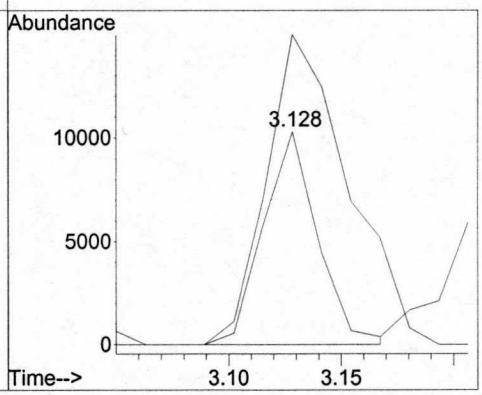


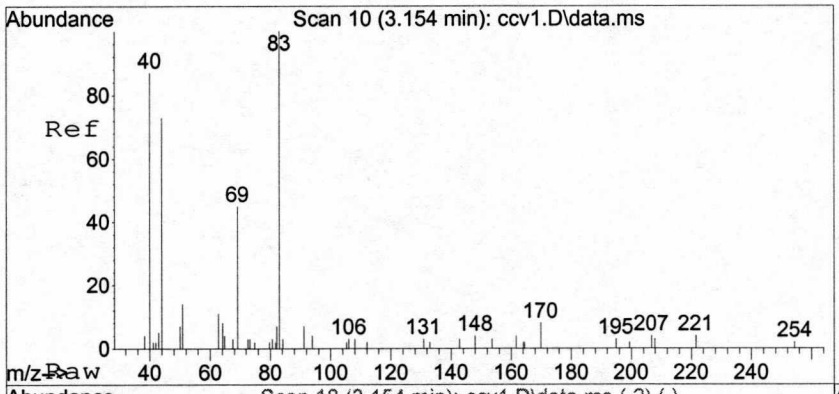
#2
1,1,1 Trifluoroethane
Concen: 57.47 ppbv
RT: 3.128 min Scan# 8
Delta R.T. -0.006 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 65 Resp: 17315

Ion	Ratio	Lower	Upper
65	100		
69	219.4	125.6	188.4#



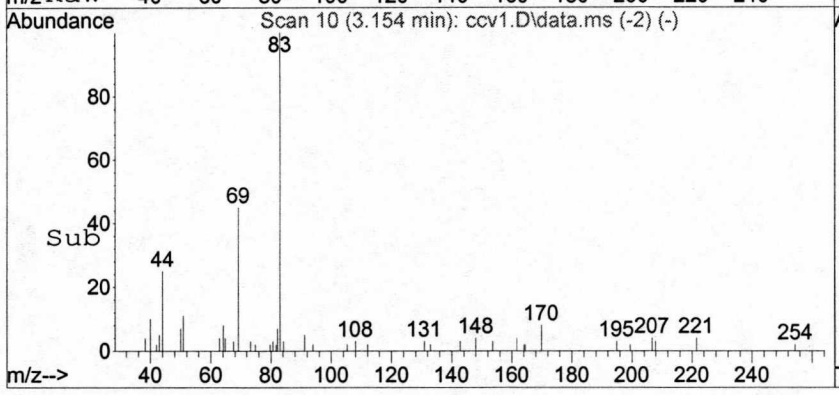


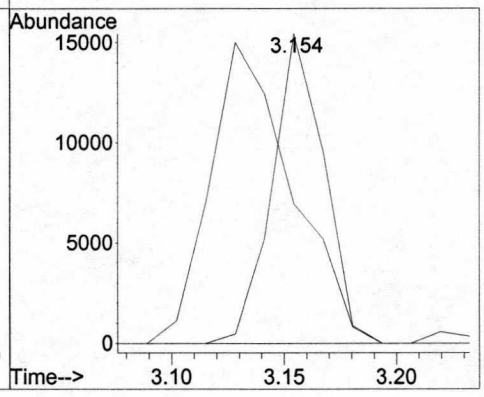


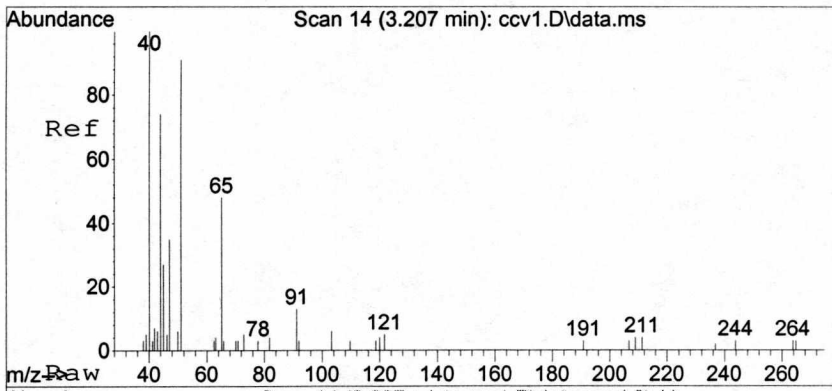
#3
1,1,1,2 Tetrafluoroethane
Concen: 61.14 ppbv
RT: 3.154 min Scan# 10
Delta R.T. -0.000 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 83 Resp: 24690

Ion	Ratio	Lower	Upper
83	100		
69	153.9	47.0	70.4#



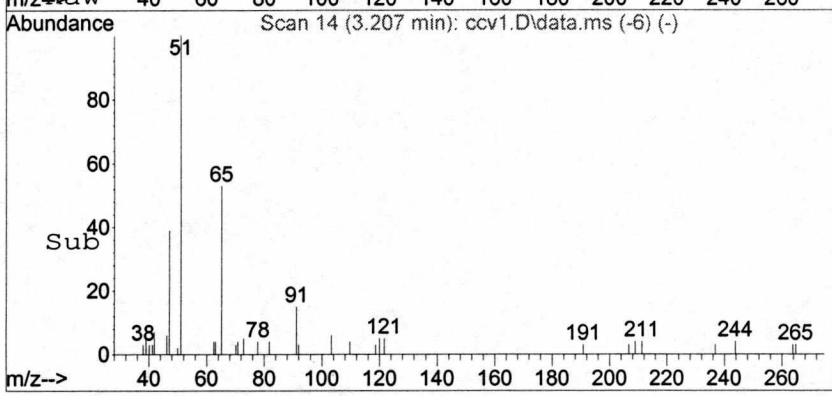


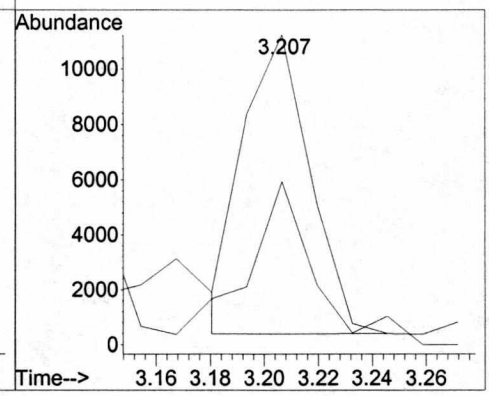


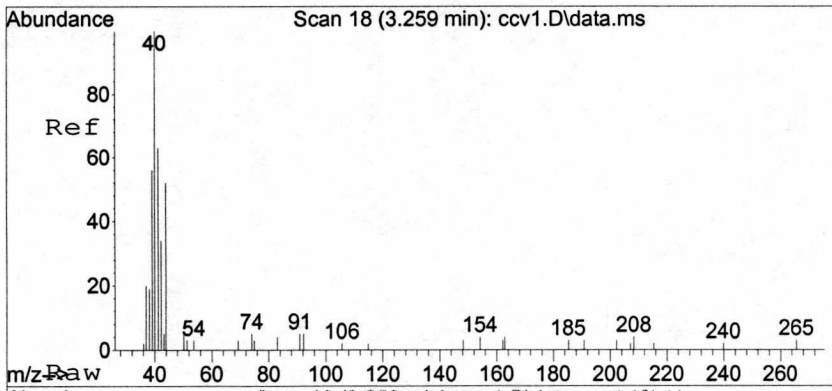
#4
1,1-Difluoroethane
Concen: 46.88 ppbv
RT: 3.207 min Scan# 14
Delta R.T. 0.000 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 51 Resp: 18680

Ion	Ratio	Lower	Upper
51	100		
65	55.9	37.4	56.0



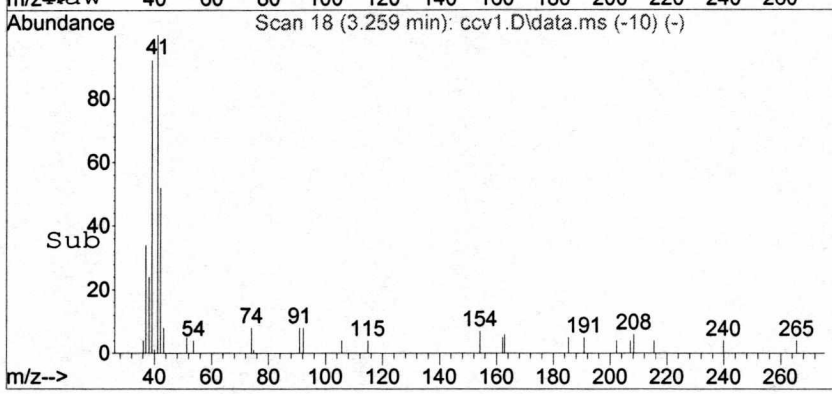


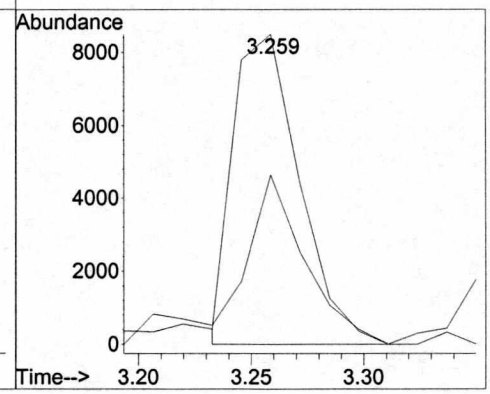


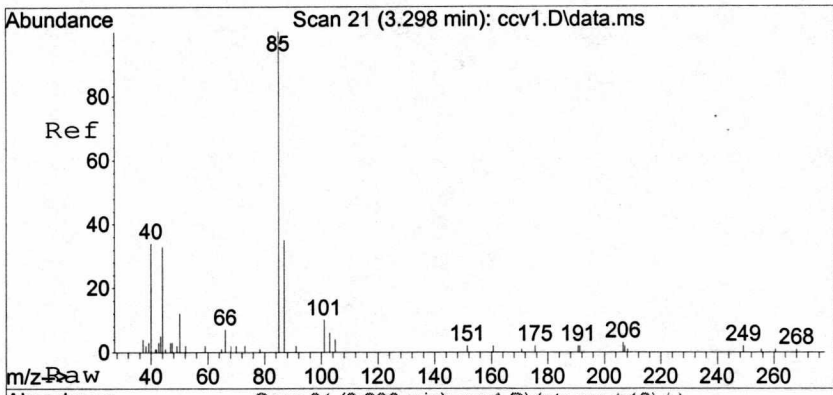
#5
Propene
Concen: 65.01 ppbv
RT: 3.259 min Scan# 18
Delta R.T. -0.000 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 41 Resp: 17439

Ion	Ratio	Lower	Upper
41	100		
42	46.5	88.7	133.1#



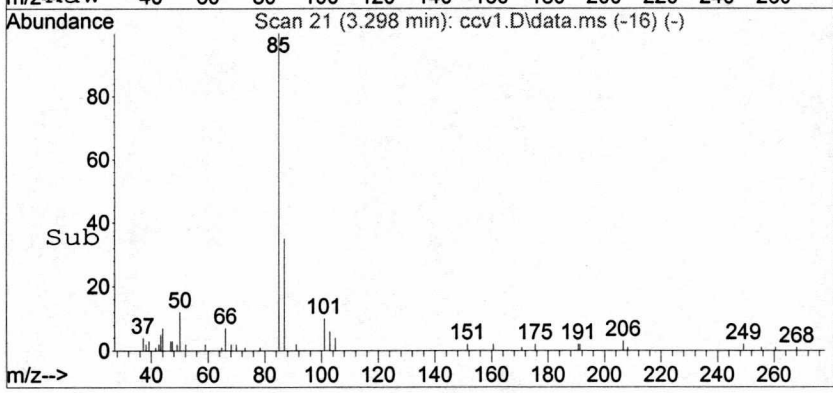


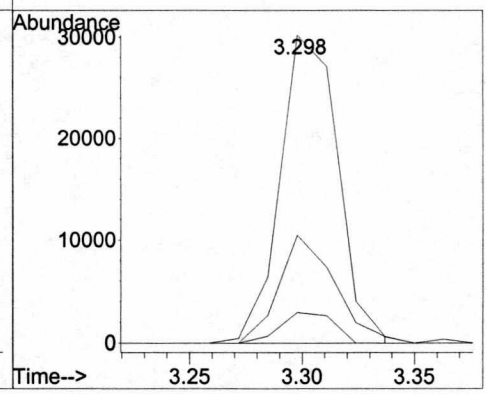


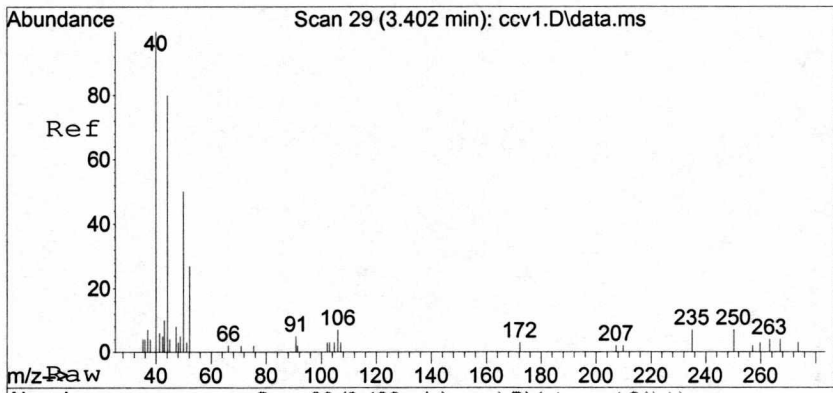
#6
Dichlorodifluoromethane
Concen: 51.62 ppbv
RT: 3.298 min Scan# 21
Delta R.T. -0.000 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 85 Resp: 53862

Ion	Ratio	Lower	Upper
85	100		
87	33.5	22.3	33.5#
101	9.1	8.8	13.2



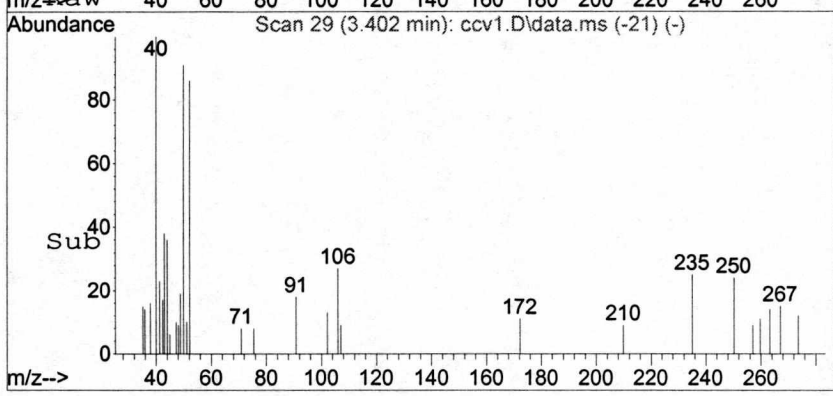


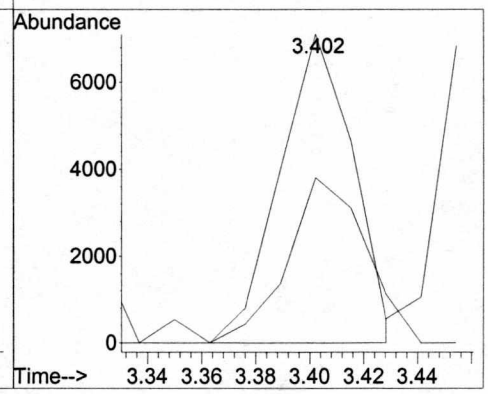


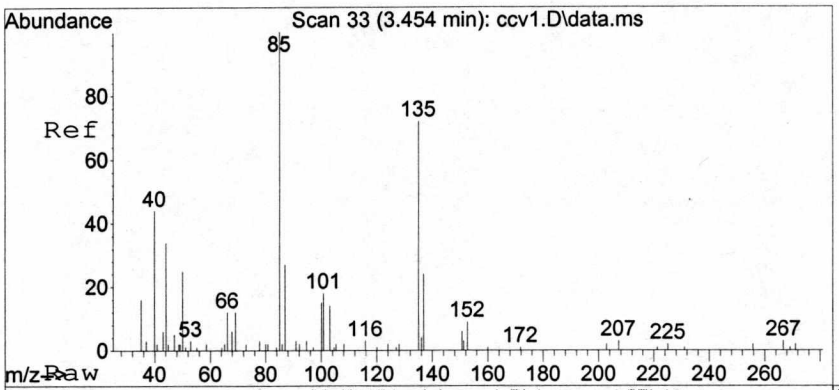
#7
Chloromethane
Concen: 37.61 ppbv
RT: 3.402 min Scan# 29
Delta R.T. -0.000 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 50 Resp: 13390

Ion	Ratio	Lower	Upper
50	100		
52	57.4	28.6	42.8#



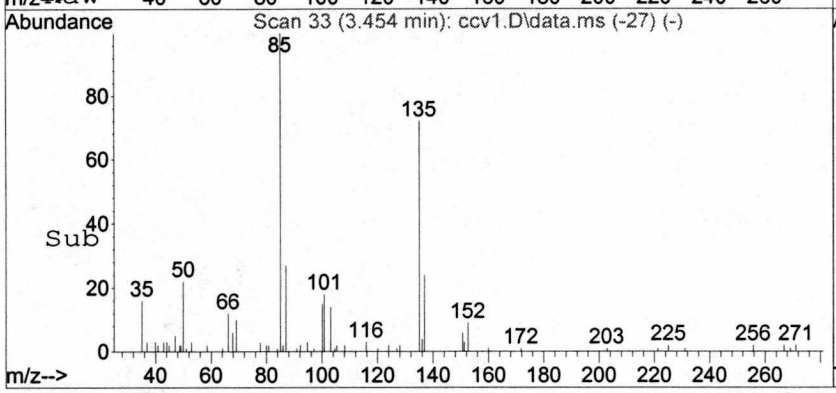


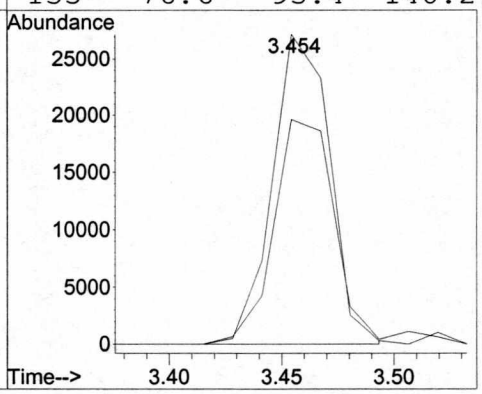


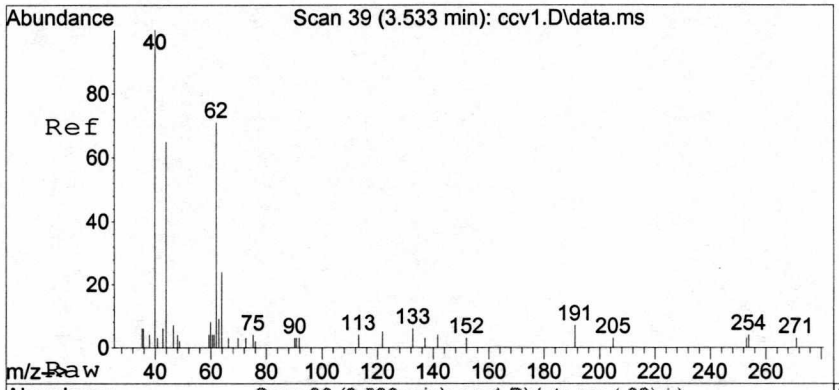
#8
Dichlorotetrafluoroethane
Concen: 48.65 ppbv
RT: 3.454 min Scan# 33
Delta R.T. -0.019 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 85 Resp: 47862

Ion	Ratio	Lower	Upper
85	100		
135	76.6	93.4	140.2#
85	100.0	80.0	120.0
135	76.6	93.4	140.2#



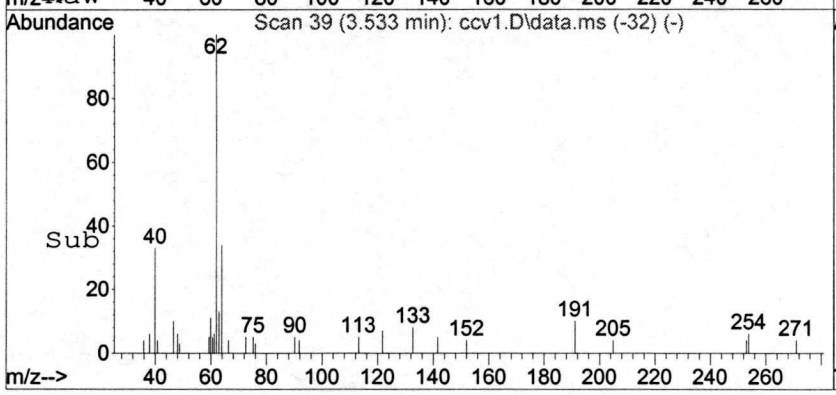


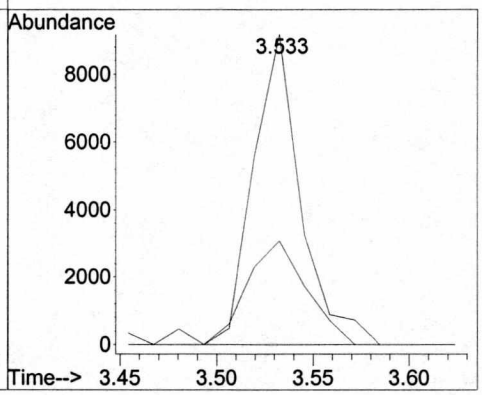


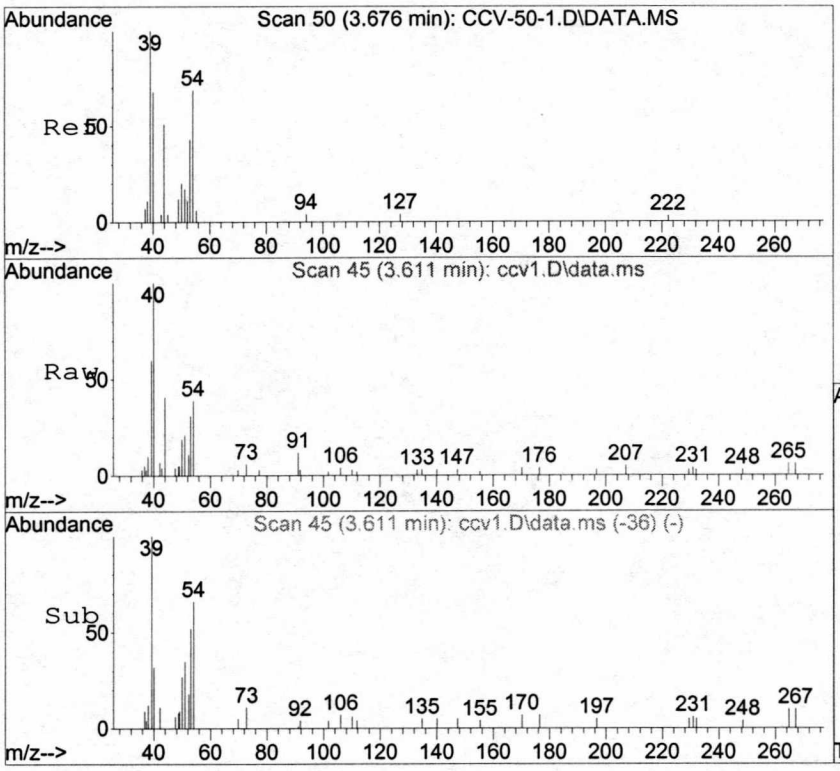
#9
Vinyl Chloride
Concen: 47.89 ppbv
RT: 3.533 min Scan# 39
Delta R.T. -0.006 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 62 Resp: 15700

Ion	Ratio	Lower	Upper
62	100		
64	41.9	0.0	0.0#



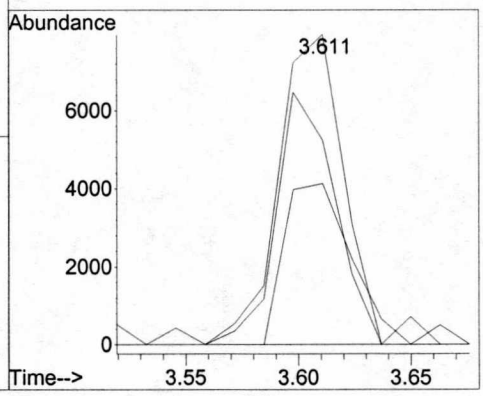


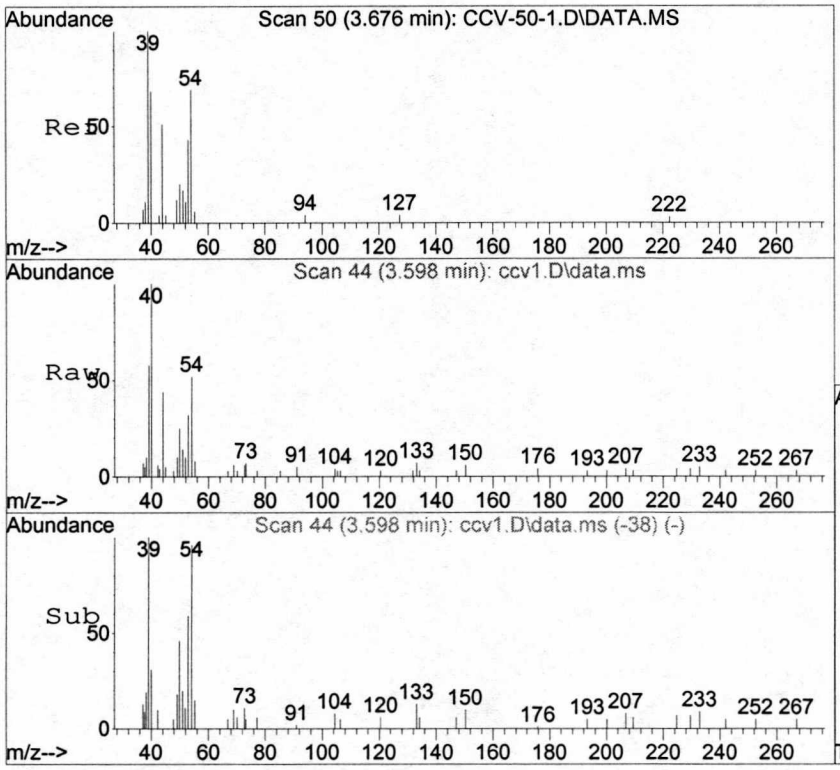


#10
1,3-Butadiene~39
Concen: 47.49 ppbv
RT: 3.611 min Scan# 45
Delta R.T. 0.013 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 39 Resp: 15932

Ion	Ratio	Lower	Upper
39	100		
54	73.9	41.4	62.0#
53	53.9	35.4	53.0#

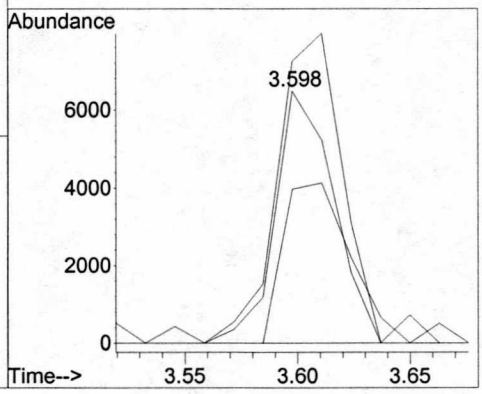


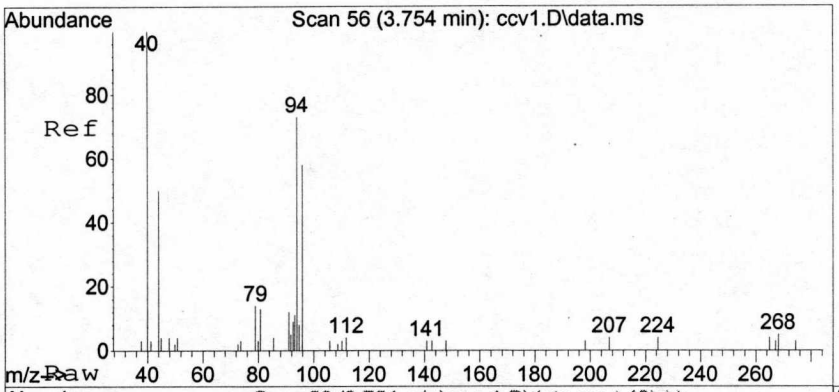


#11
1,3-Butadiene~54
Concen: 41.36 ppbv
RT: 3.598 min Scan# 44
Delta R.T. -0.013 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 54 Resp: 11776

Ion	Ratio	Lower	Upper
54	100		
39	135.3	81.0	121.4#
53	72.9	47.7	71.5#

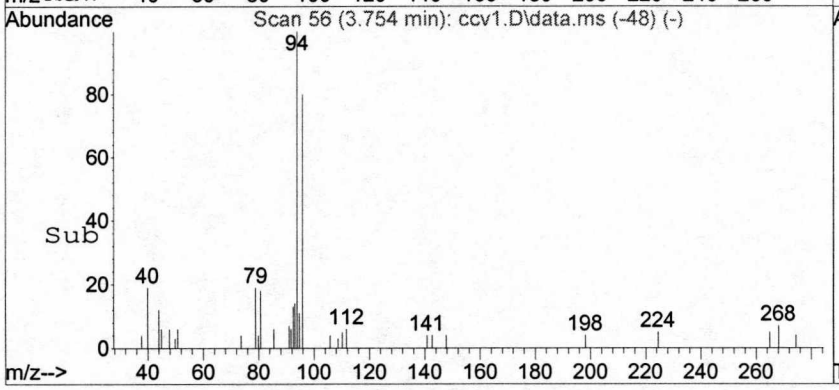


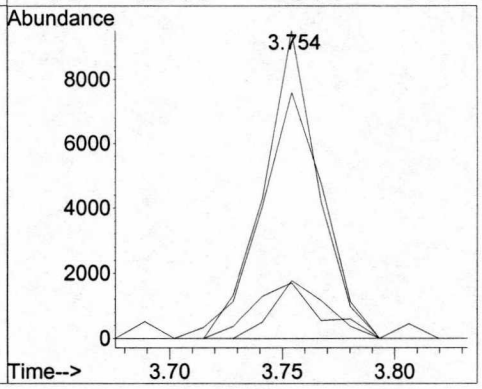


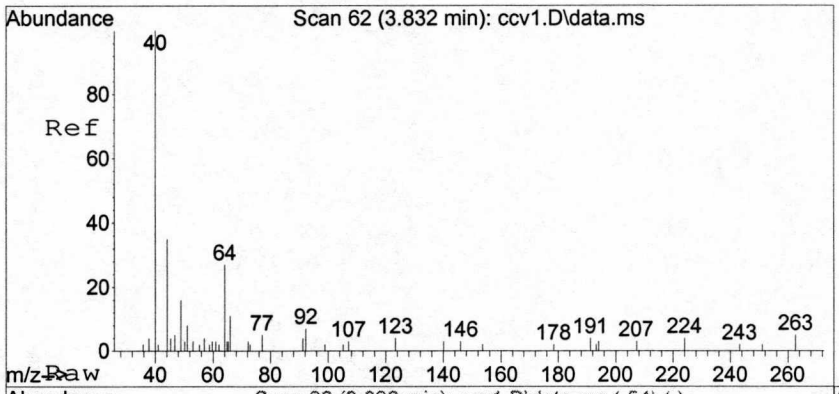
#12
Bromomethane
Concen: 48.65 ppbv
RT: 3.754 min Scan# 56
Delta R.T. -0.000 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 94 Resp: 15880

Ion	Ratio	Lower	Upper
94	100		
96	93.7	89.0	133.6
79	18.8	25.2	37.8#
81	22.3	43.1	64.7#



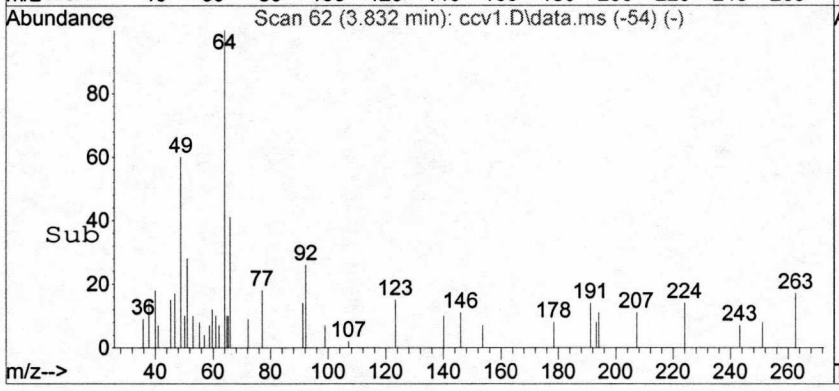


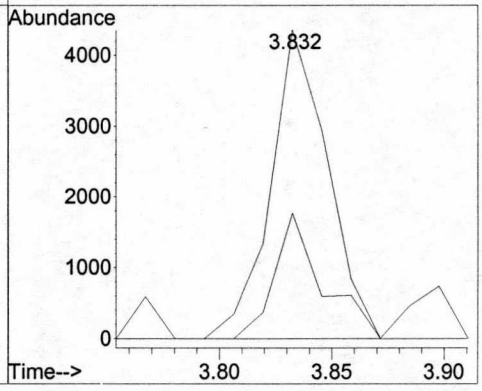


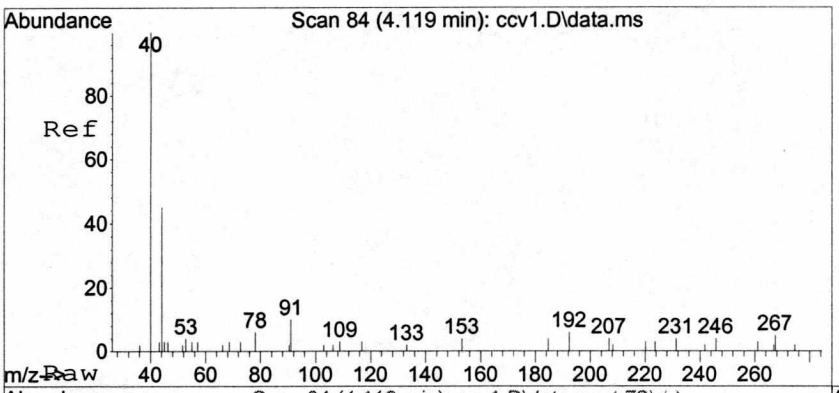
#13
Chloroethane
Concen: 48.66 ppbv
RT: 3.832 min Scan# 62
Delta R.T. -0.000 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 64 Resp: 7682

Ion	Ratio	Lower	Upper
64	100		
66	33.9	28.5	42.7



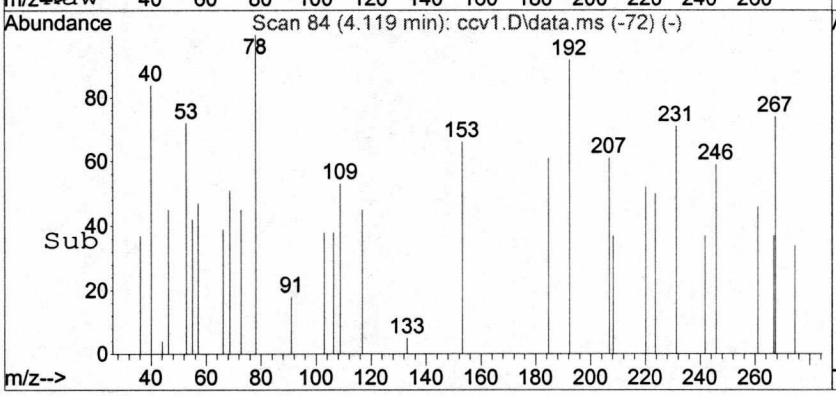


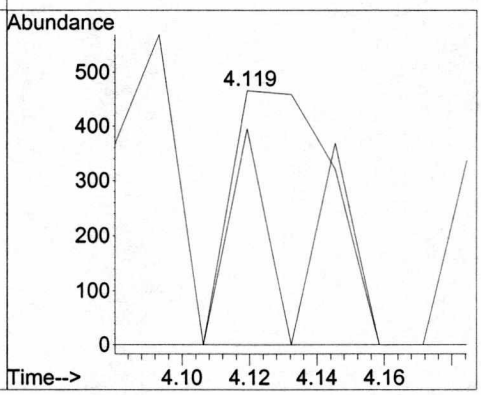


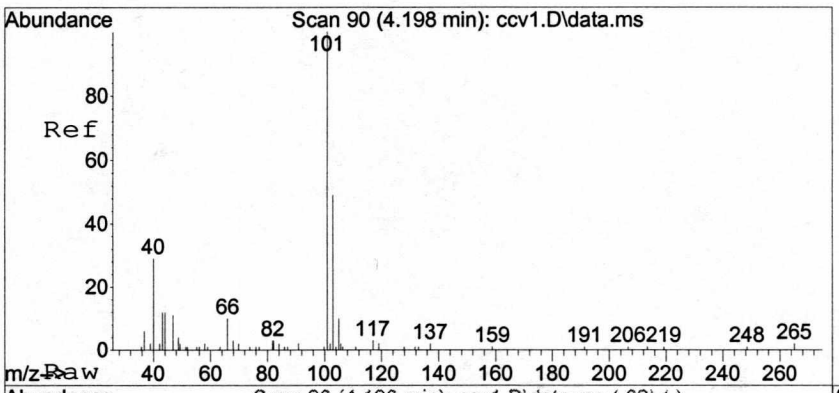
#14
Ethanol
Concen: 7.07 ppbv
RT: 4.119 min Scan# 84
Delta R.T. 0.052 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 45 Resp: 975

Ion	Ratio	Lower	Upper
45	100		
46	31.7	23.3	34.9



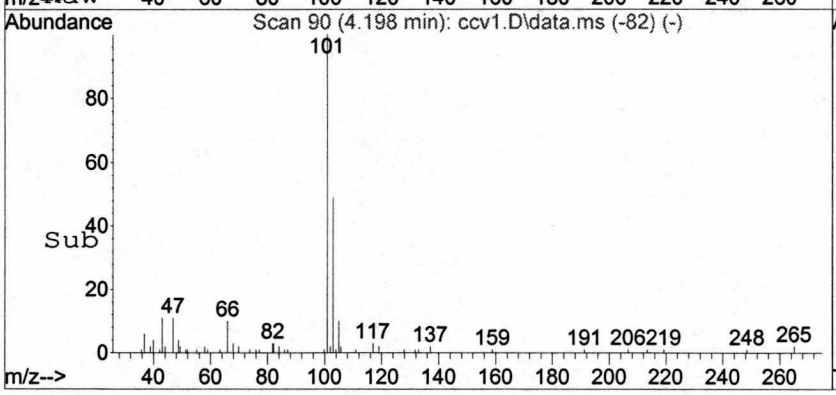


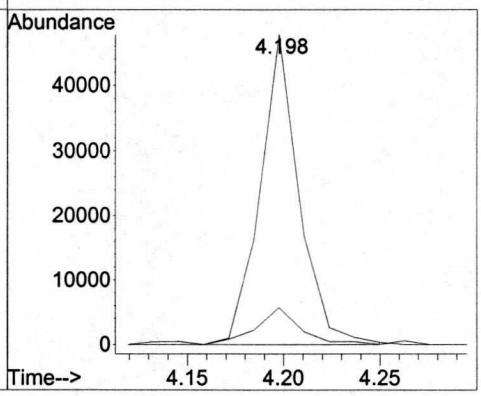


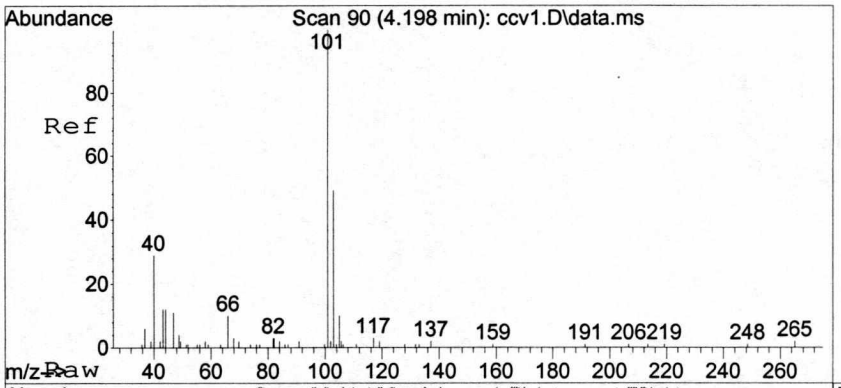
#15
Trichlorofluoromethane
Concen: 53.79 ppbv
RT: 4.198 min Scan# 90
Delta R.T. -0.000 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion:101 Resp: 67113

Ion	Ratio	Lower	Upper
101	100		
105	13.4	6.5	9.7#



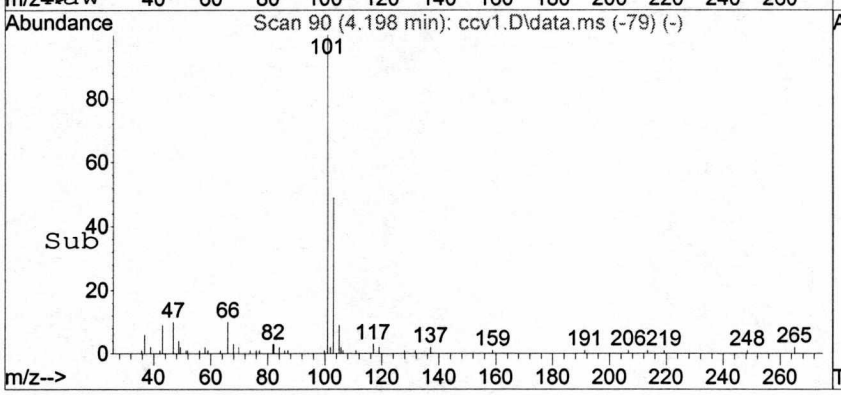


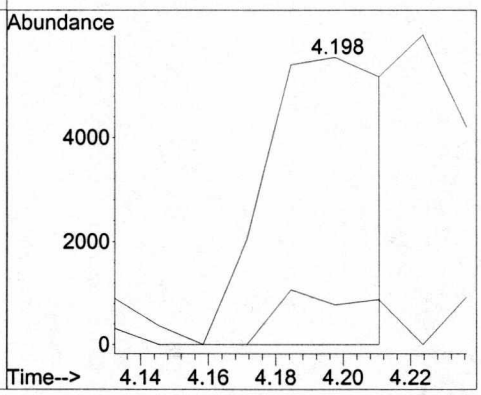


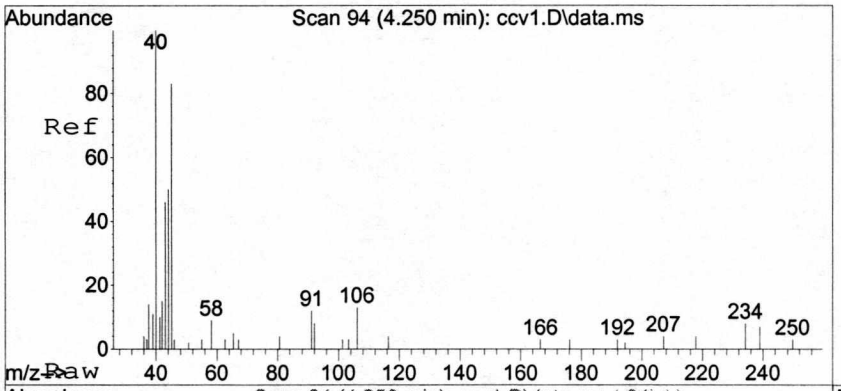
#16
Acetone
Concen: 24.77 ppbv
RT: 4.198 min Scan# 90
Delta R.T. -0.052 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 43 Resp: 14240

Ion	Ratio	Lower	Upper
43	100		
58	15.0	6.4	9.6#



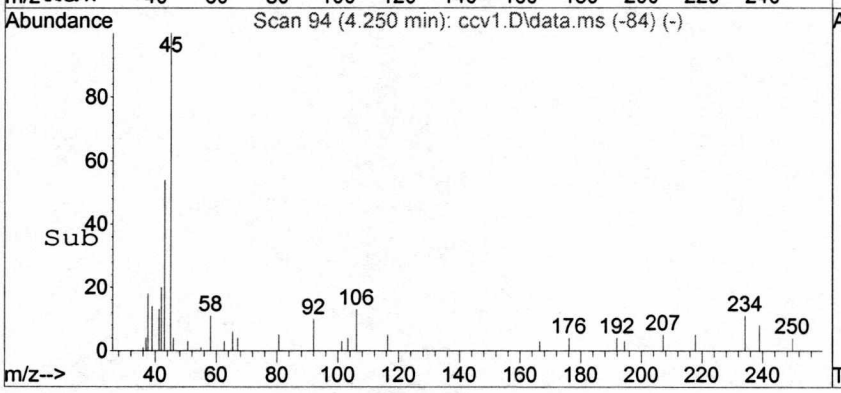


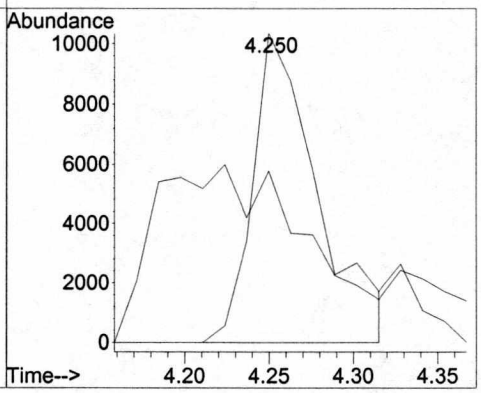


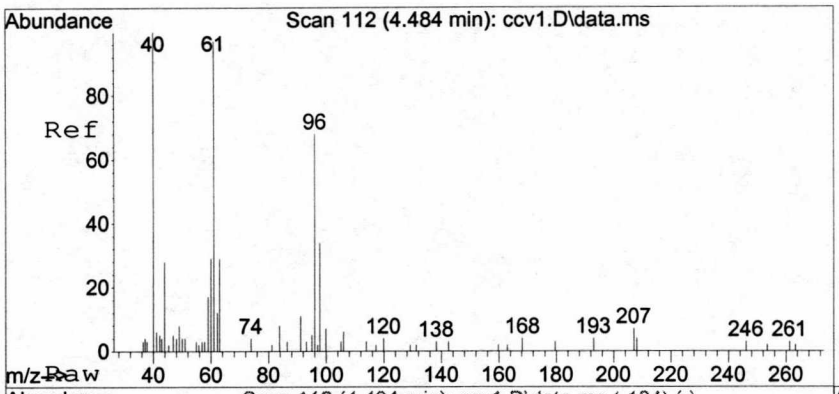
#17
Isopropyl alcohol
Concen: 32.32 ppbv
RT: 4.250 min Scan# 94
Delta R.T. -0.013 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 45 Resp: 27810

Ion	Ratio	Lower	Upper
45	100		
43	51.2	51.8	77.8#



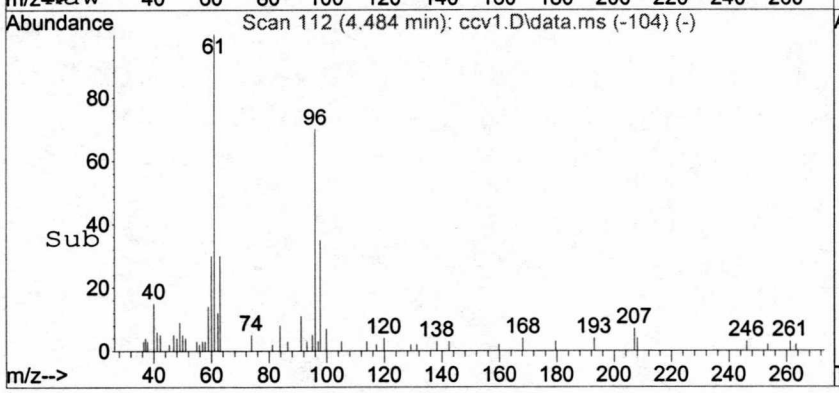


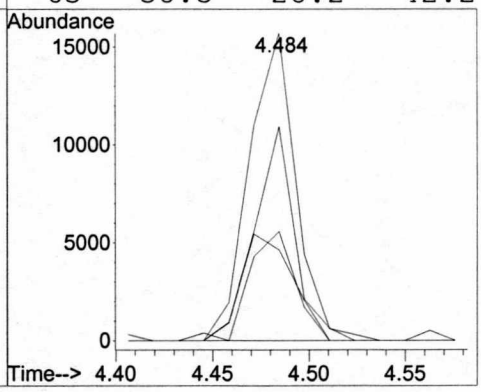


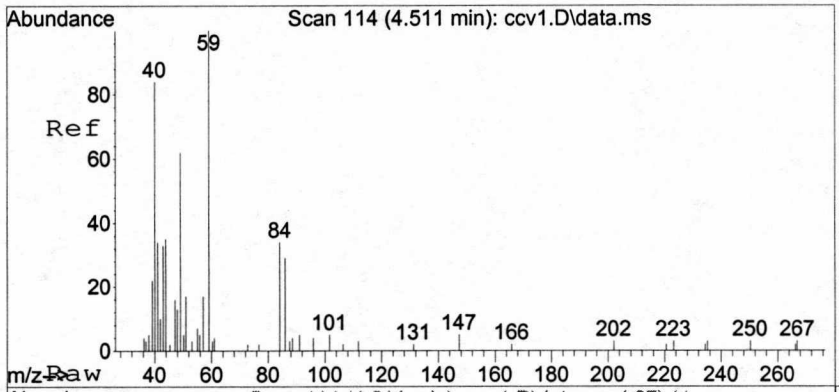
#18
1,1-Dichloroethene
Concen: 43.97 ppbv
RT: 4.484 min Scan# 112
Delta R.T. -0.000 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 61 Resp: 26542

Ion	Ratio	Lower	Upper
61	100		
96	59.5	34.9	52.3#
98	34.0	27.0	40.4
63	38.5	28.2	42.2



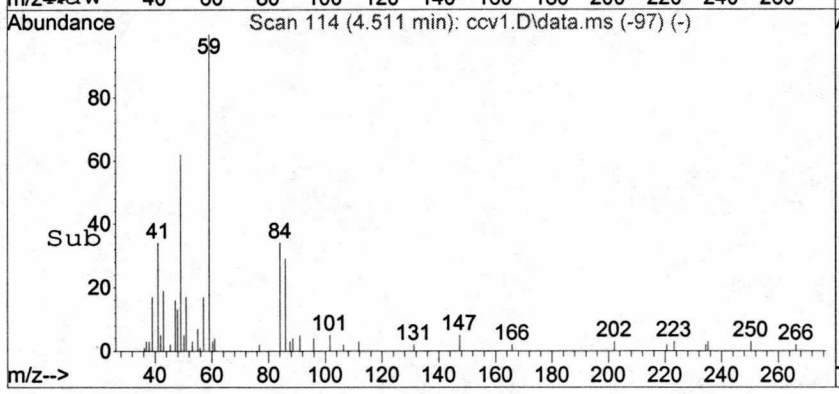


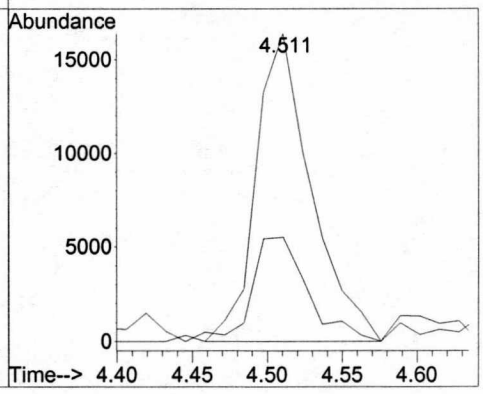


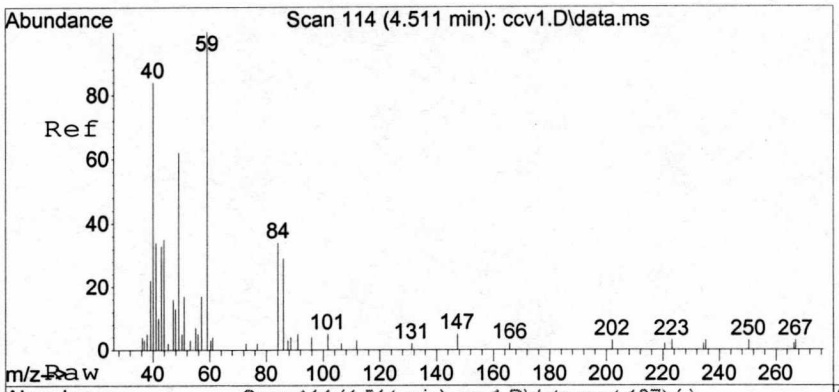
#19
tert-Butyl Alcohol
Concen: 42.62 ppbv
RT: 4.511 min Scan# 114
Delta R.T. -0.000 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 59 Resp: 41716

Ion	Ratio	Lower	Upper
59	100		
41	32.8	29.0	43.4



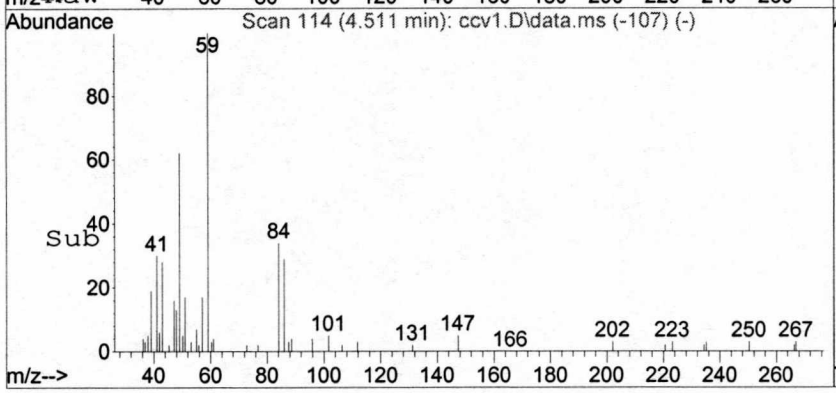


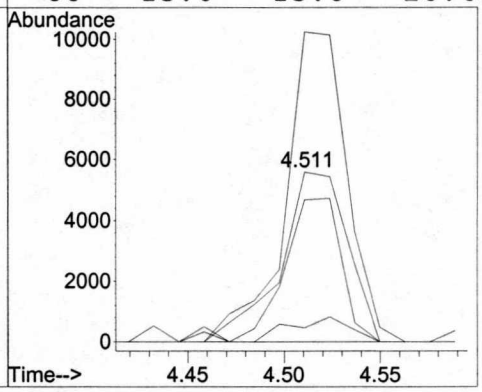


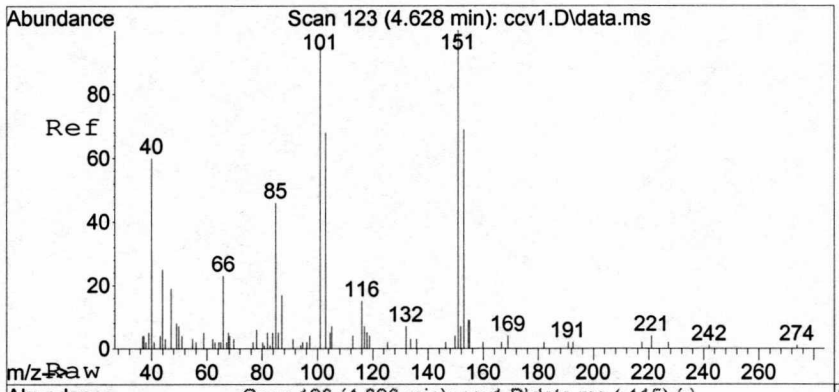
#20
Methylene Chloride
Concen: 60.07 ppbv
RT: 4.511 min Scan# 114
Delta R.T. -0.013 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 84 Resp: 13629

Ion	Ratio	Lower	Upper
84	100		
86	70.6	101.5	152.3#
49	167.6	185.9	278.9#
88	13.0	13.8	20.6#



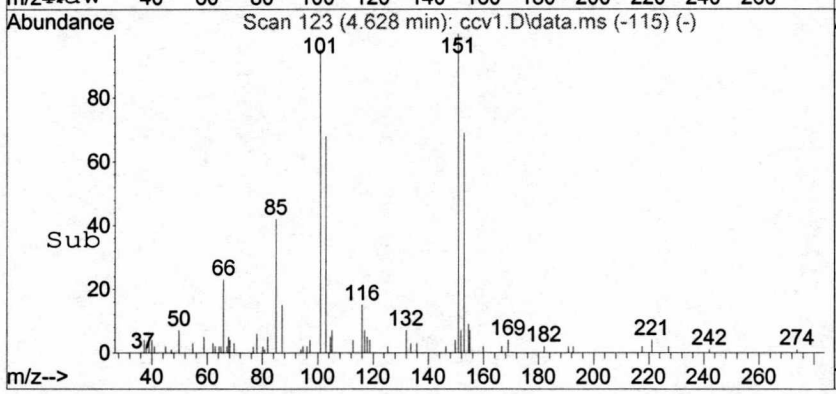


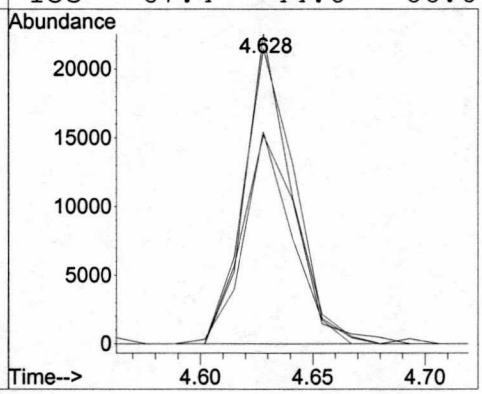


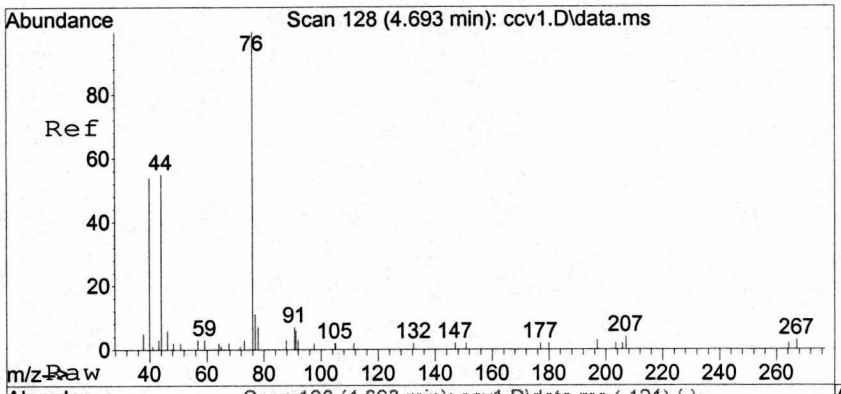
#21
1,1,2-Trichlorotrifluoroethane
Concen: 46.71 ppbv
RT: 4.628 min Scan# 123
Delta R.T. -0.000 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion:101 Resp: 33796

Ion	Ratio	Lower	Upper
101	100		
151	95.2	61.8	92.8#
103	77.7	38.2	57.4#
153	67.4	44.0	66.0#



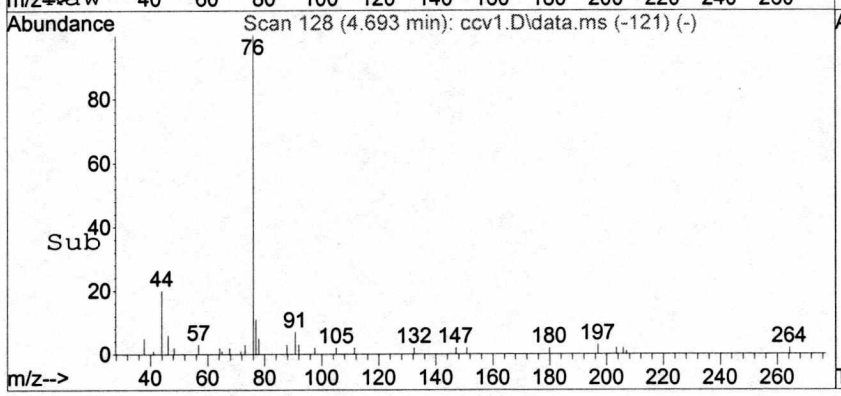


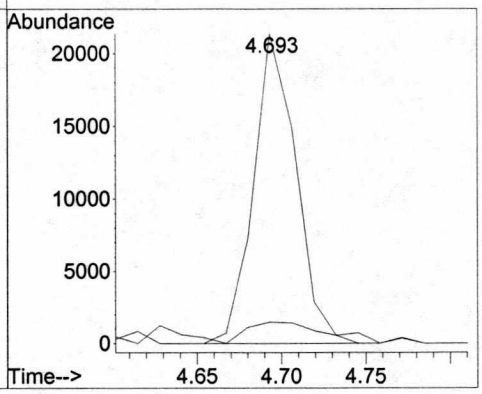


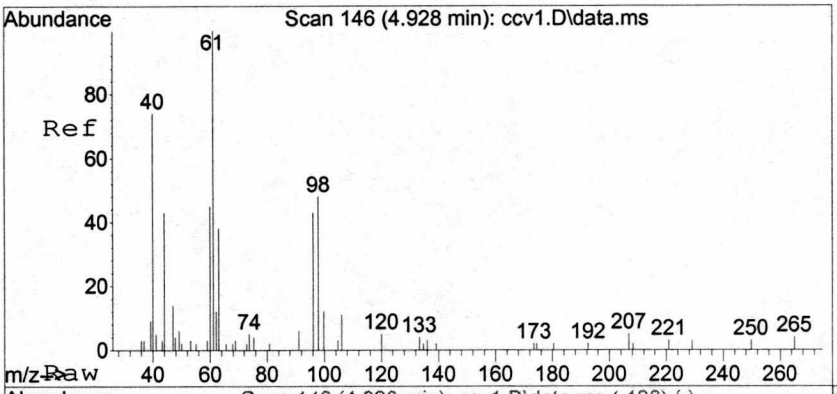
#22
Carbon Disulfide
Concen: 46.71 ppbv
RT: 4.693 min Scan# 128
Delta R.T. -0.013 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 76 Resp: 37919

Ion	Ratio	Lower	Upper
76	100		
78	11.3	8.4	12.6



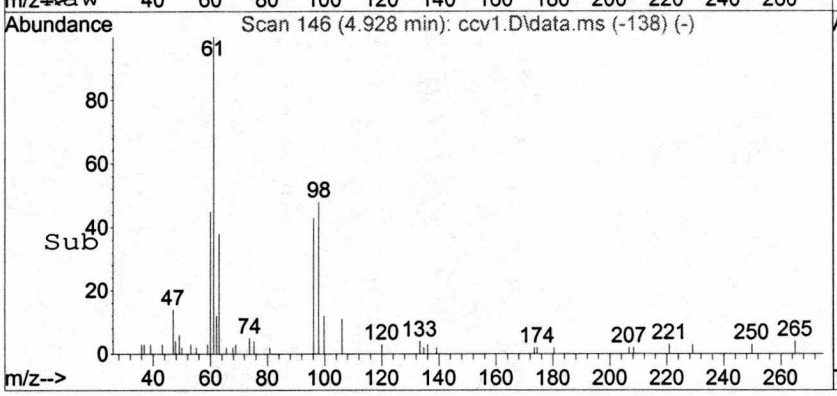


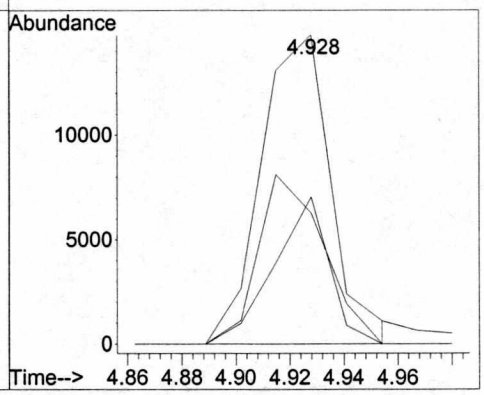


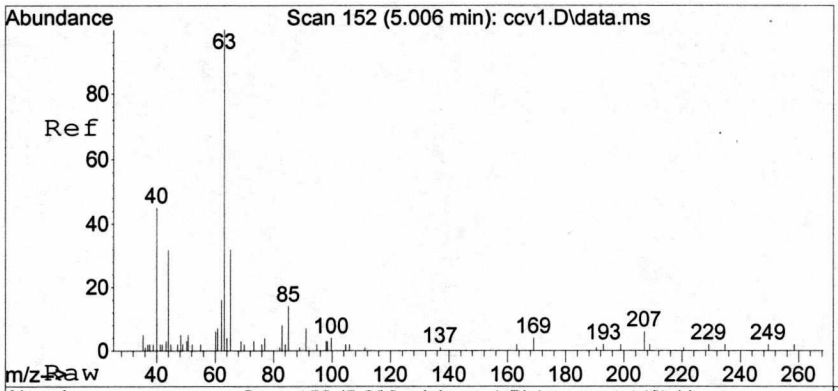
#23
trans-1,2-Dichloroethene
Concen: 46.81 ppbv
RT: 4.928 min Scan# 146
Delta R.T. -0.000 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 61 Resp: 26570

Ion	Ratio	Lower	Upper
61	100		
96	51.3	31.9	47.9#
98	37.7	26.8	40.2



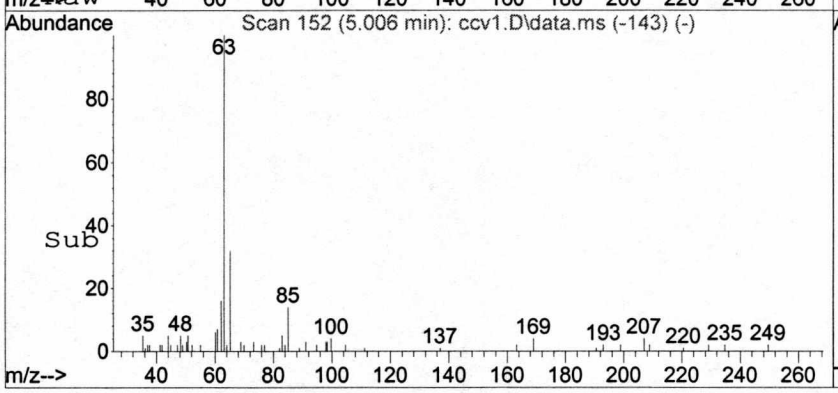


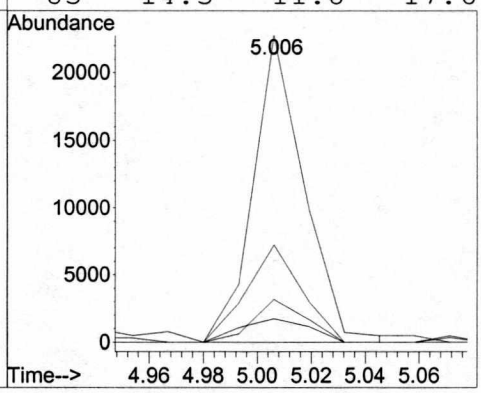


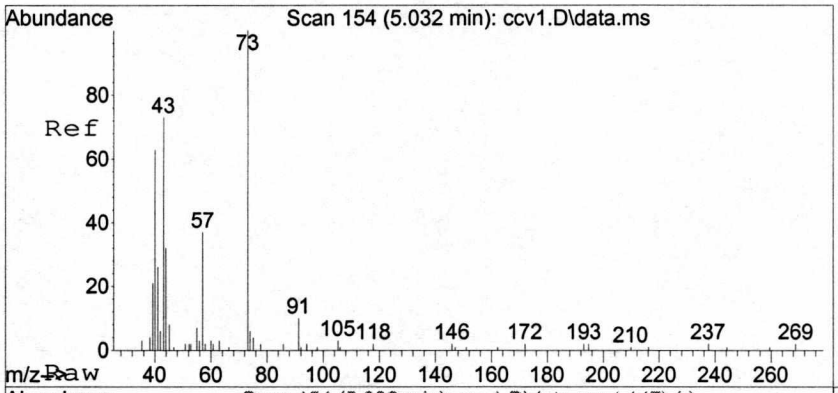
#24
1,1-Dichloroethane
Concen: 43.38 ppbv
RT: 5.006 min Scan# 152
Delta R.T. -0.000 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 63 Resp: 29801

Ion	Ratio	Lower	Upper
63	100		
65	34.5	19.5	29.3#
83	10.4	11.4	17.2#
85	14.3	11.8	17.6



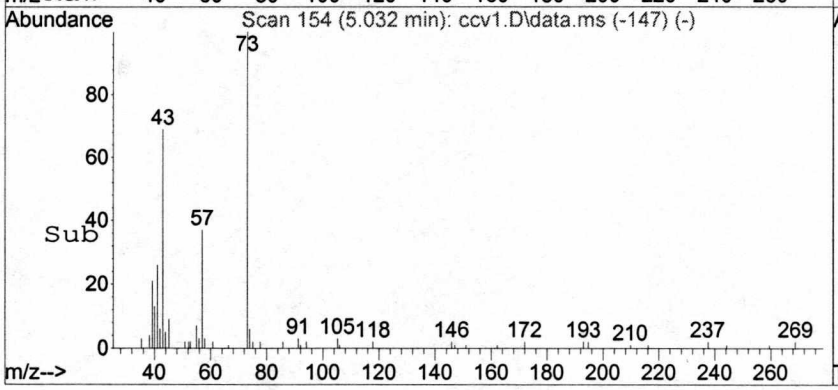


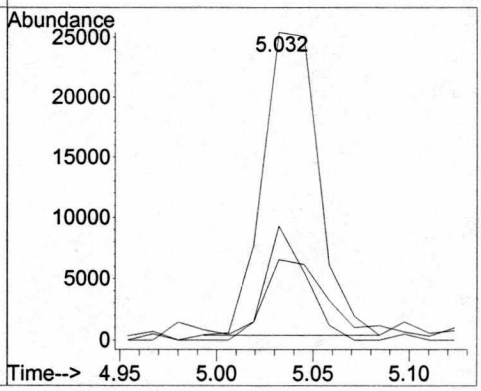


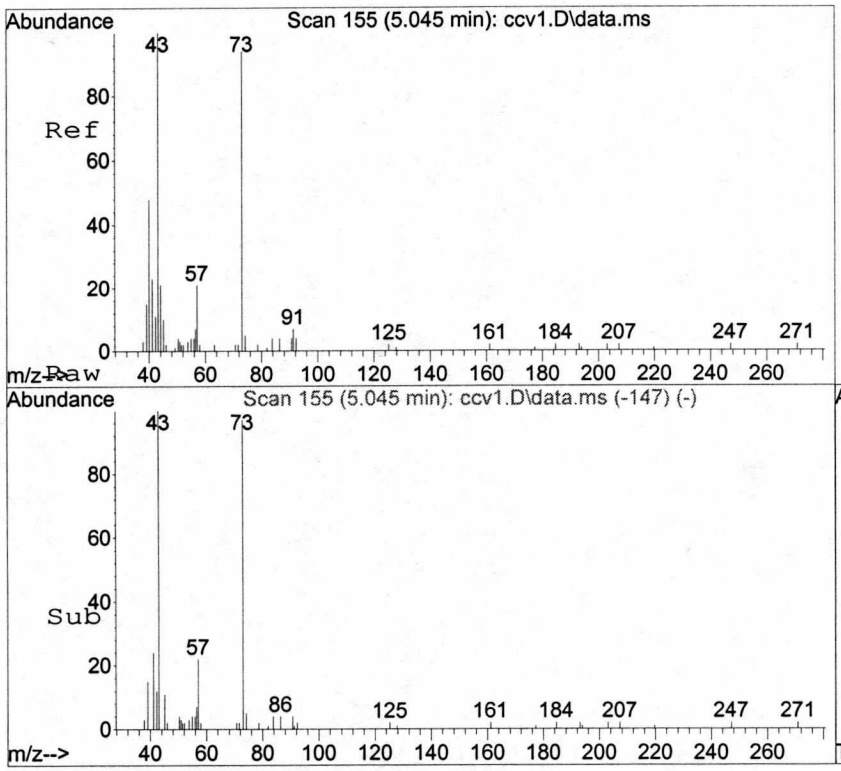
#25
Methyl tert-Butyl Ether
Concen: 49.49 ppbv
RT: 5.032 min Scan# 154
Delta R.T. -0.013 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 73 Resp: 50474

Ion	Ratio	Lower	Upper
73	100		
57	27.1	18.6	28.0
41	25.3	25.8	38.8#



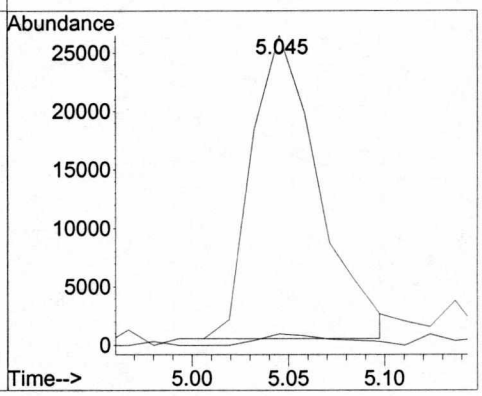


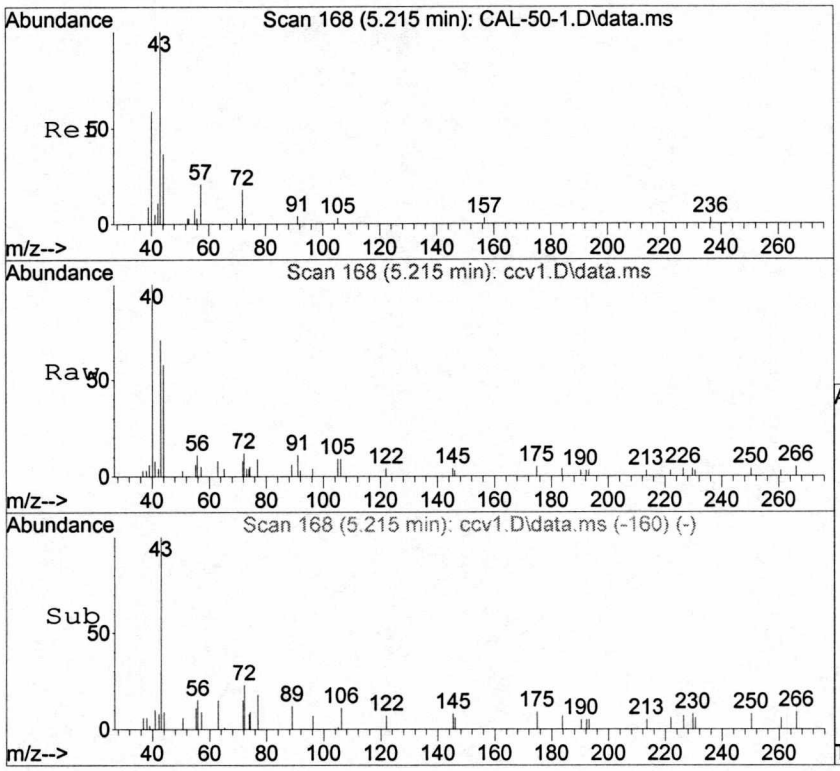


#26
Vinyl Acetate
Concen: 45.20 ppbv
RT: 5.045 min Scan# 155
Delta R.T. -0.000 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 43 Resp: 62653

Ion	Ratio	Lower	Upper
43	100		
86	4.3	4.6	6.8#

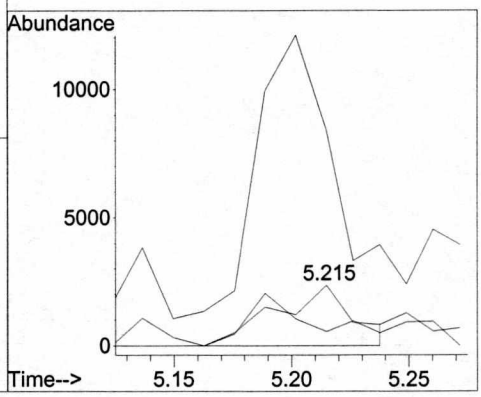


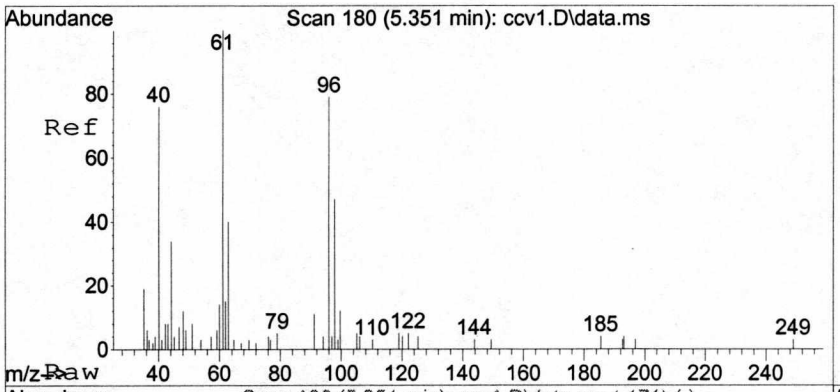


#27
2-Butanone
Concen: 45.86 ppbv
RT: 5.215 min Scan# 168
Delta R.T. -0.000 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 72 Resp: 5443

Ion	Ratio	Lower	Upper
72	100		
43	0.0	299.7	449.5#
57	18.2	52.2	78.4#

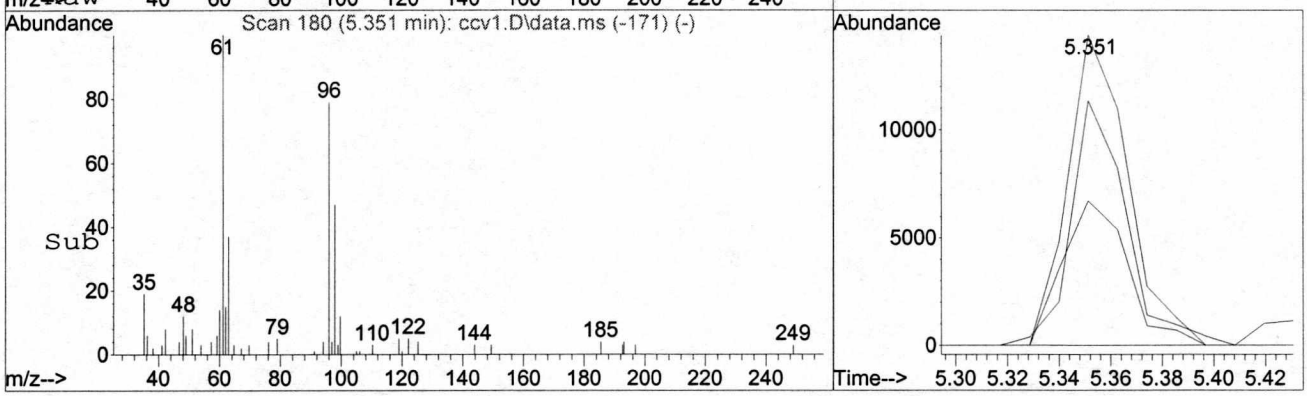


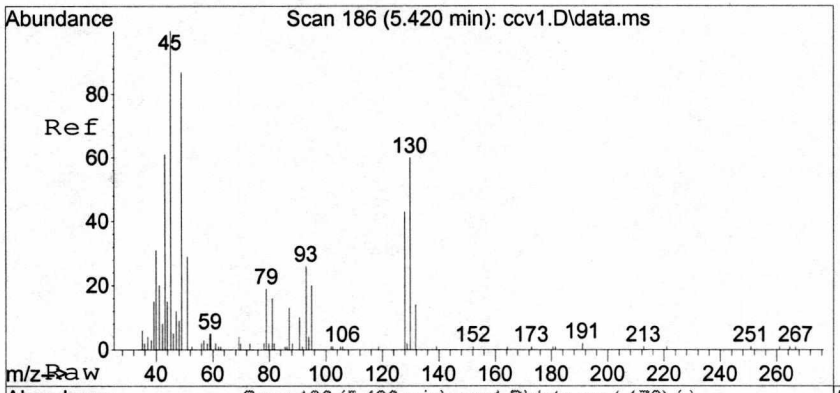


#28
cis-1,2-dichloroethene
Concen: 44.09 ppbv
RT: 5.351 min Scan# 180
Delta R.T. -0.000 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 61 Resp: 23344

Ion	Ratio	Lower	Upper
61	100		
96	71.2	46.0	69.0#
98	50.5	21.8	32.6#

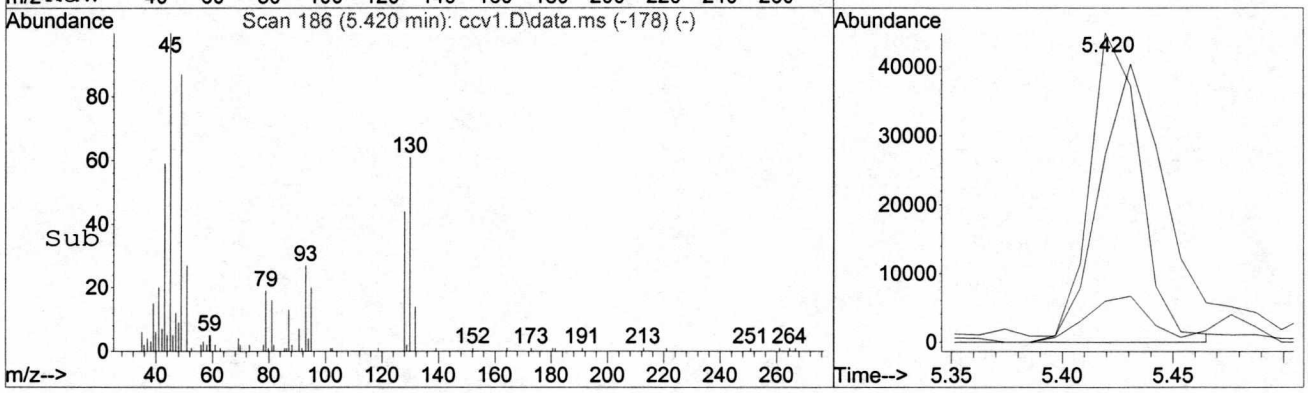


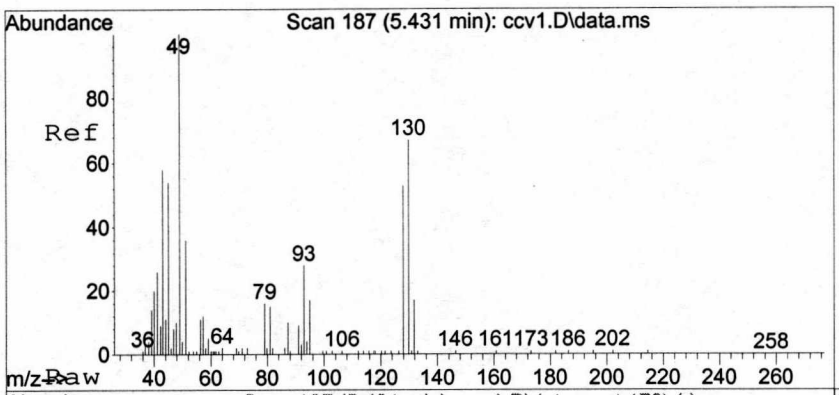


#29
Di-Isopropyl Ether
Concen: 44.74 ppbv
RT: 5.420 min Scan# 186
Delta R.T. -0.012 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 45 Resp: 71769

Ion	Ratio	Lower	Upper
45	100		
43	118.5	82.4	123.6
87	18.4	14.7	22.1

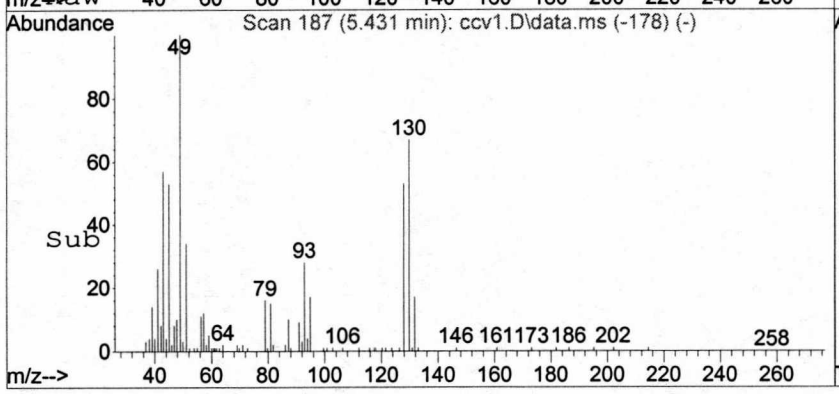


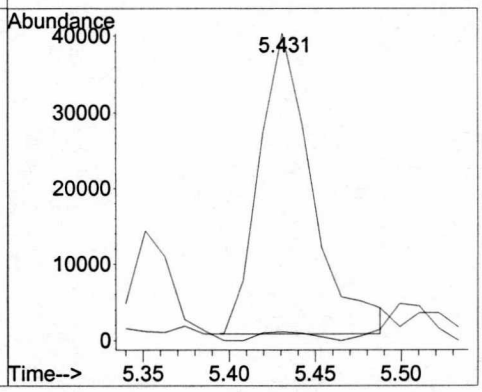


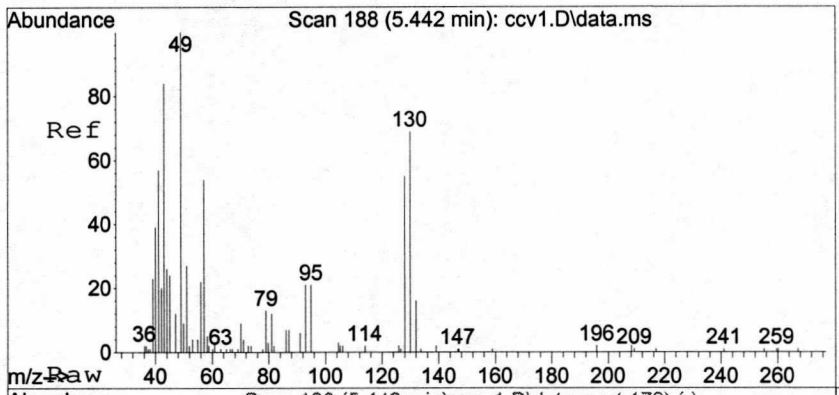
#30
Ethyl Acetate
Concen: 42.67 ppbv
RT: 5.431 min Scan# 187
Delta R.T. -0.000 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 43 Resp: 85036

Ion	Ratio	Lower	Upper
43	100		
61	2.9	4.9	7.3#



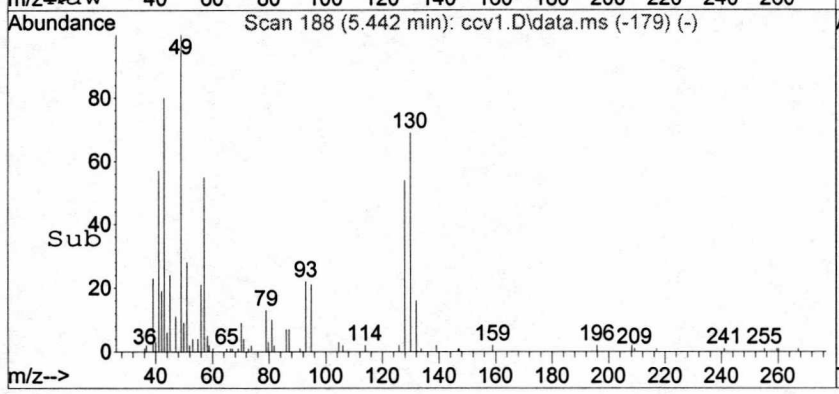


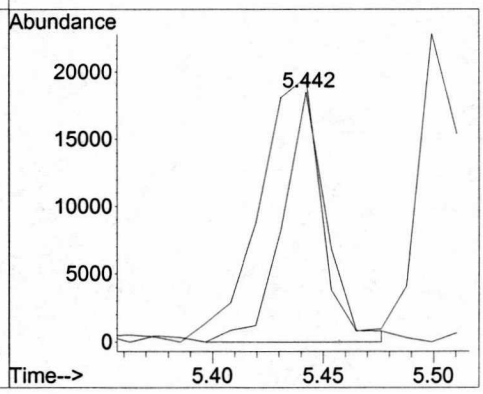


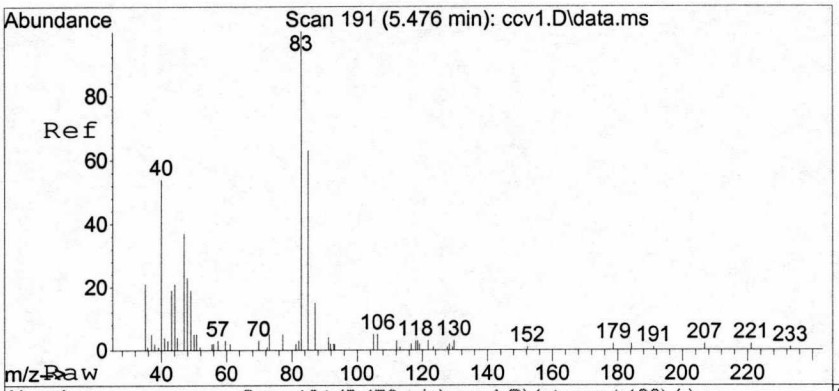
#31
n-Hexane
Concen: 49.77 ppbv
RT: 5.442 min Scan# 188
Delta R.T. -0.000 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 57 Resp: 25415

Ion	Ratio	Lower	Upper
57	100		
41	148.3	73.1	109.7#



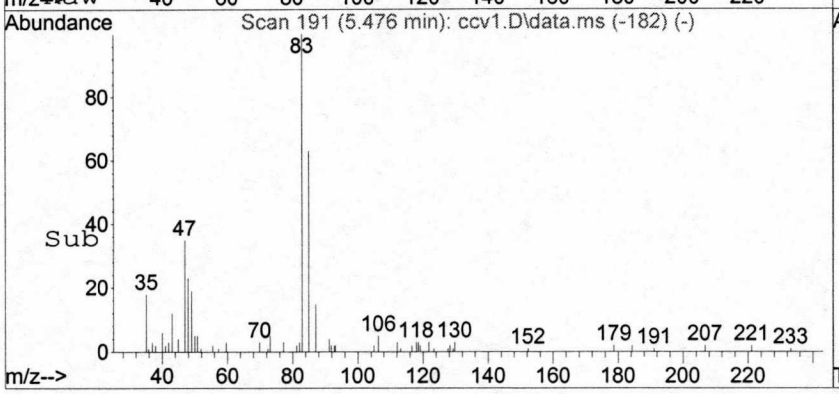


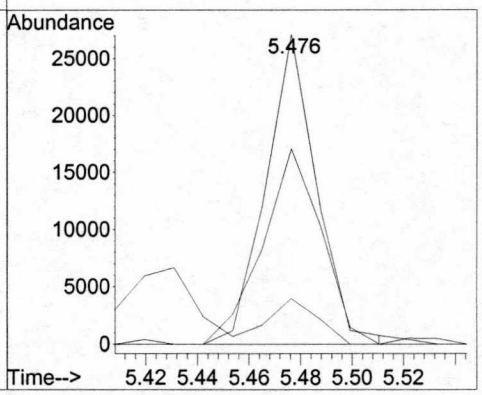


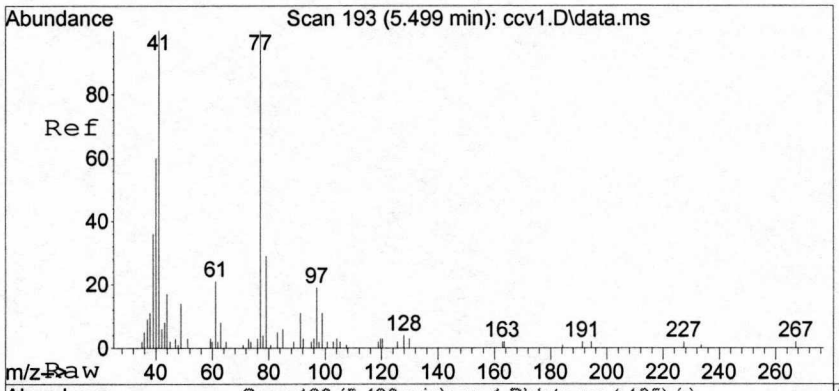
#32
Chloroform
Concen: 46.55 ppbv
RT: 5.476 min Scan# 191
Delta R.T. -0.000 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 83 Resp: 36768

Ion	Ratio	Lower	Upper
83	100		
85	73.6	34.7	52.1#
87	14.4	0.0	0.0#



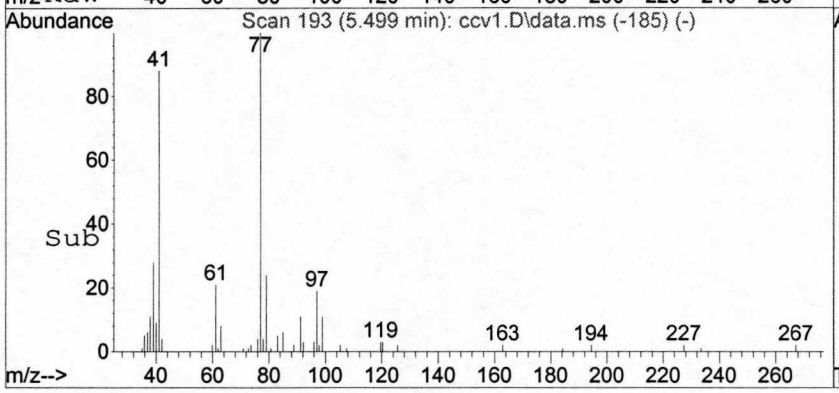


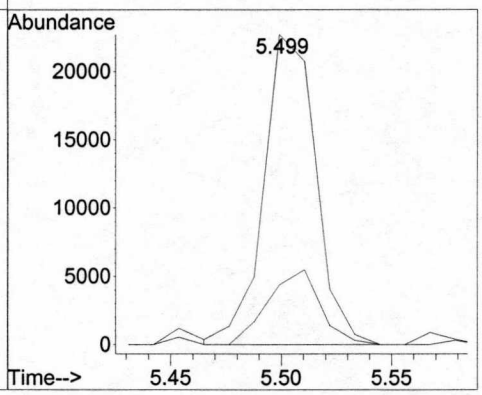


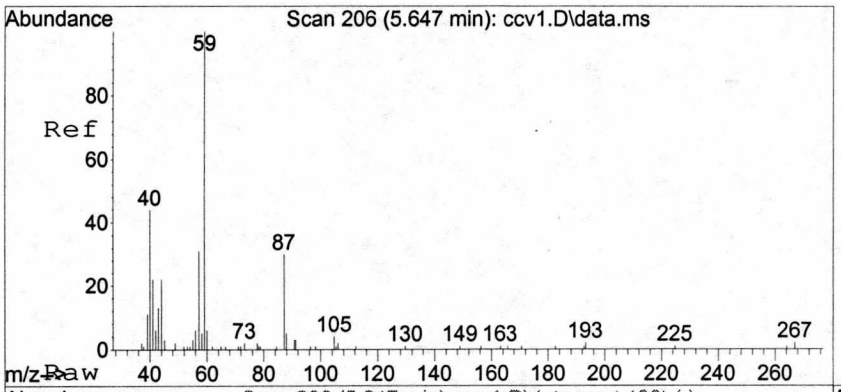
#33
2,2 Dichloropropane
Concen: 45.50 ppbv
RT: 5.499 min Scan# 193
Delta R.T. -0.012 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 77 Resp: 37283

Ion	Ratio	Lower	Upper
77	100		
97	24.3	20.6	30.8



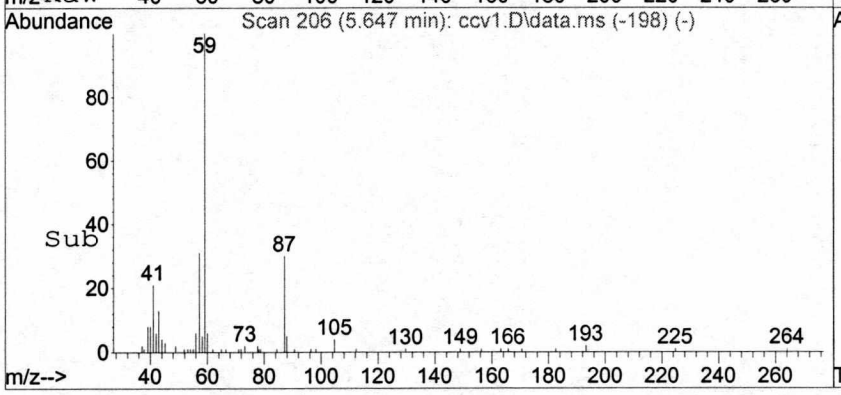


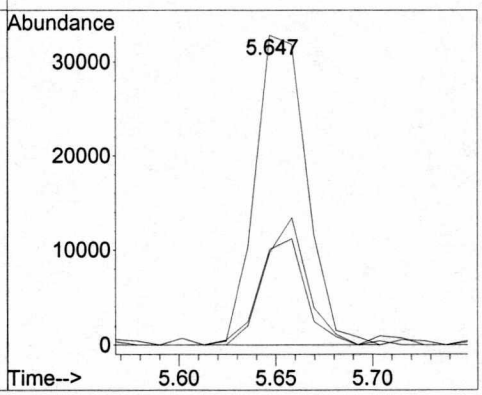


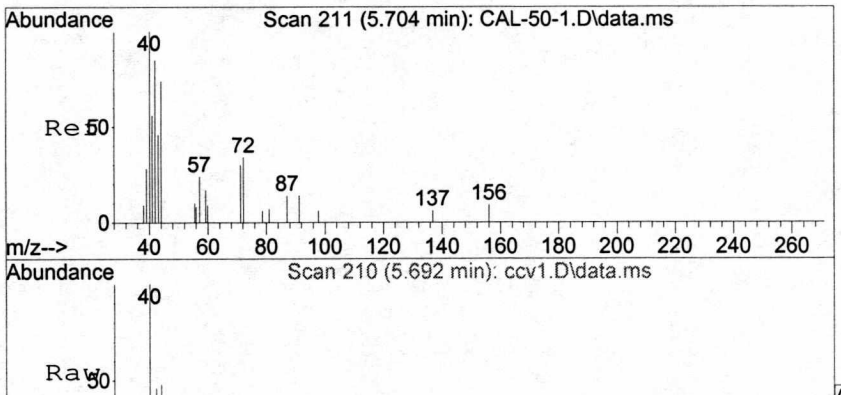
#34
Ethyl tert-Butyl Ether
Concen: 46.99 ppbv
RT: 5.647 min Scan# 206
Delta R.T. -0.012 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 59 Resp: 60880

Ion	Ratio	Lower	Upper
59	100		
57	30.9	26.4	39.6
87	33.9	29.9	44.9



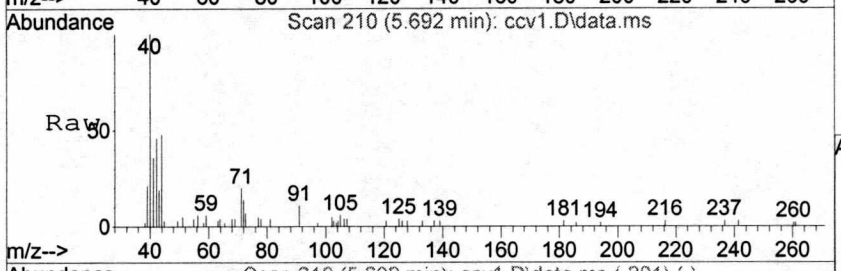


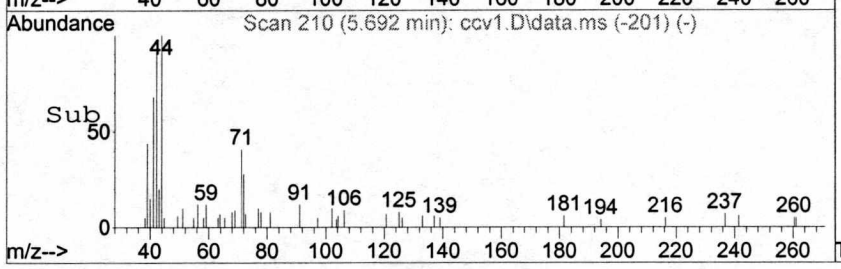


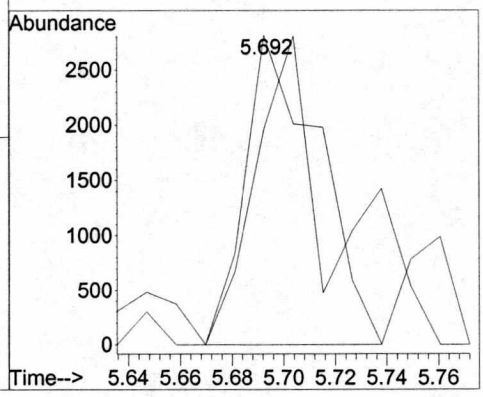
#35
Tetrahydrofuran
Concen: 47.30 ppbv
RT: 5.692 min Scan# 210
Delta R.T. -0.012 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

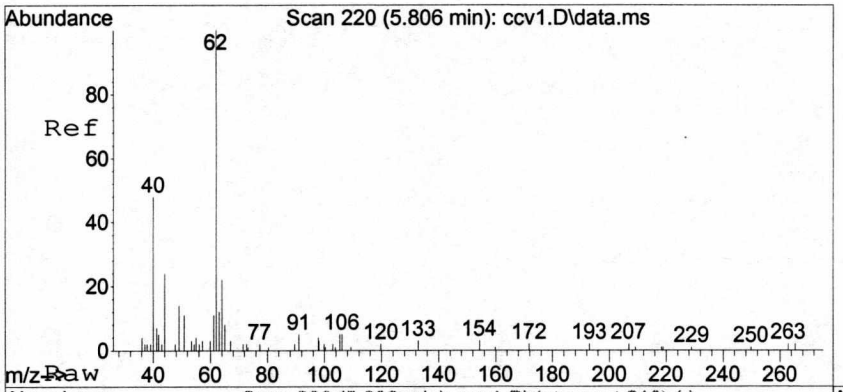
Tgt Ion: 71 Resp: 5627

Ion	Ratio	Lower	Upper
71	100		
72	71.9	67.5	101.3





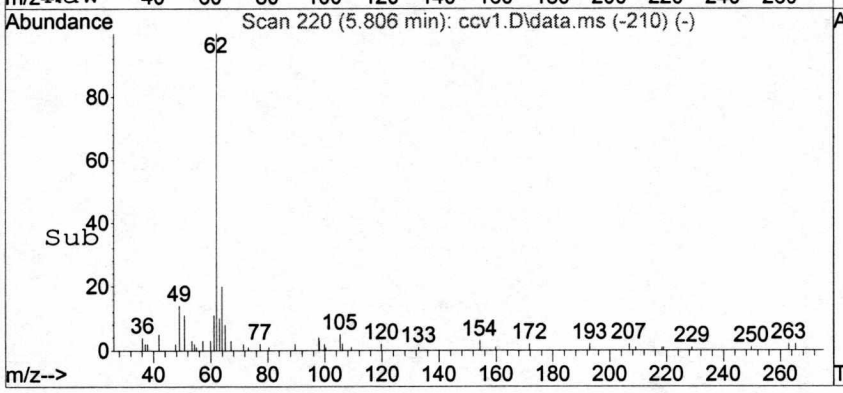


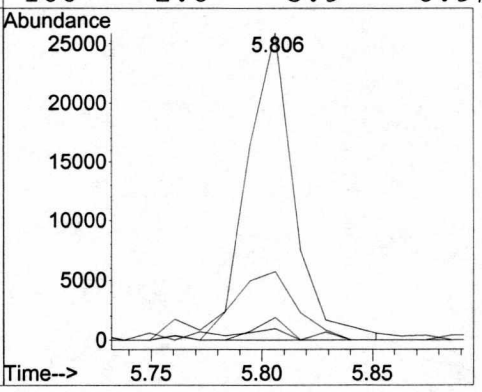


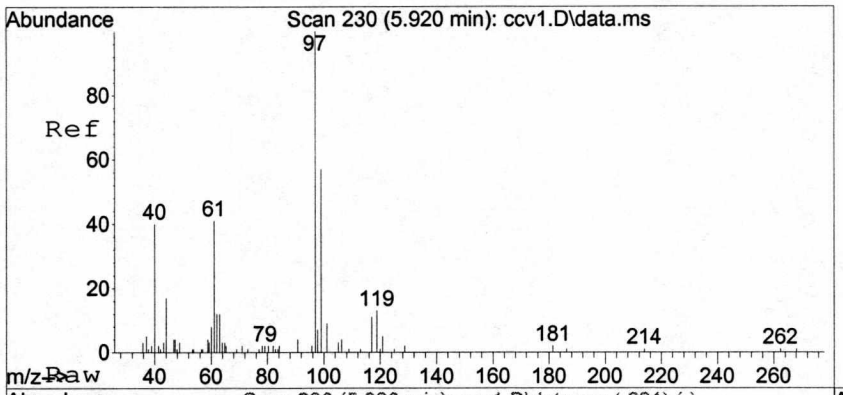
#37
1,2-Dichloroethane
Concen: 56.91 ppbv
RT: 5.806 min Scan# 220
Delta R.T. 0.011 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 62 Resp: 37846

Ion	Ratio	Lower	Upper
62	100		
64	33.6	24.2	36.2
98	4.7	5.3	7.9#
100	2.8	5.9	8.9#



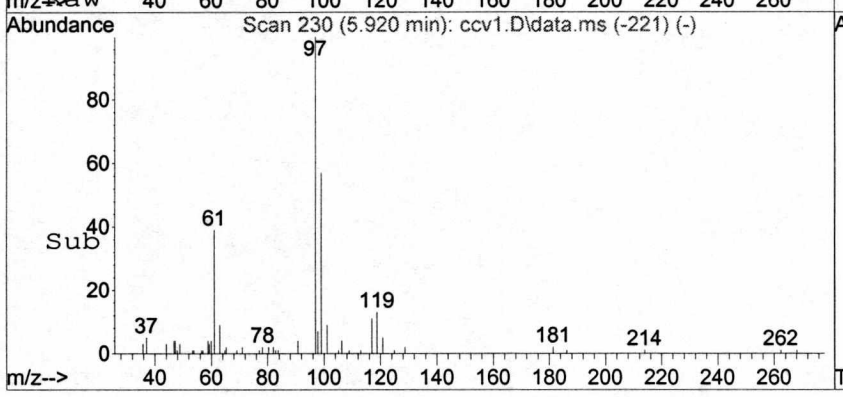


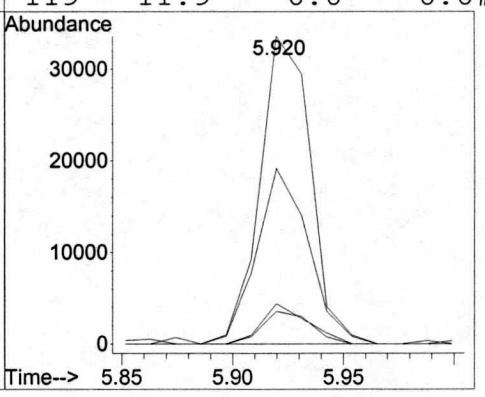


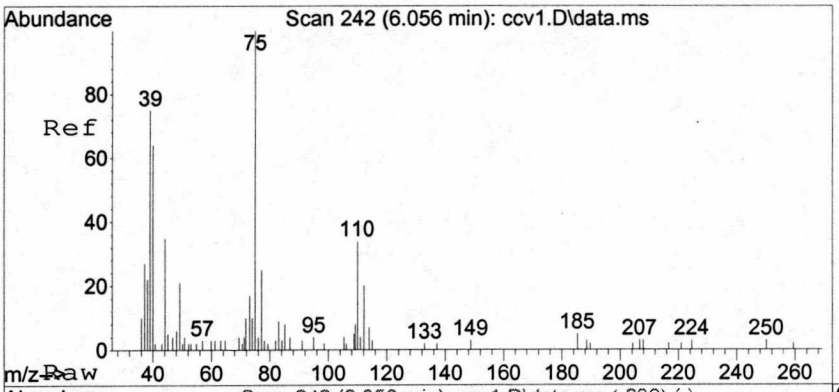
#38
1,1,1-Trichloroethane
Concen: 53.59 ppbv
RT: 5.920 min Scan# 230
Delta R.T. 0.001 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 97 Resp: 53405

Ion	Ratio	Lower	Upper
97	100		
99	58.9	73.8	110.6#
117	10.3	20.6	30.8#
119	11.9	0.0	0.0#



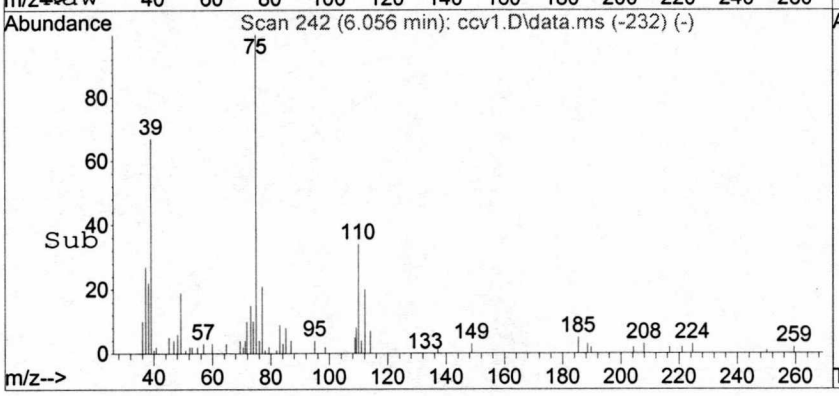


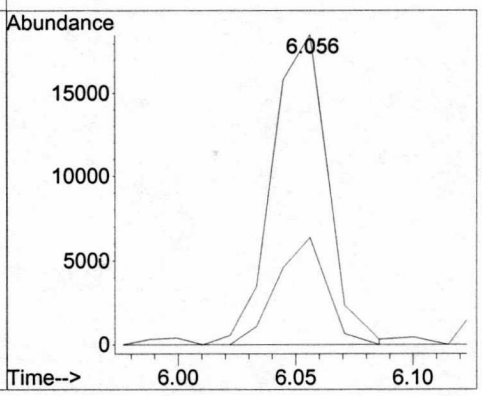


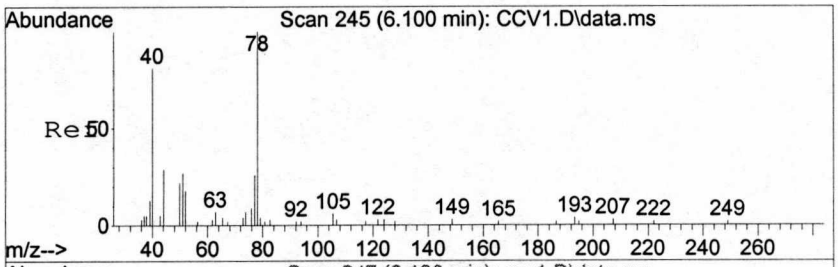
#39
1,1-Dichloropropene
Concen: 52.41 ppbv
RT: 6.056 min Scan# 242
Delta R.T. -0.002 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 75 Resp: 30793

Ion	Ratio	Lower	Upper
75	100		
110	31.5	23.5	35.3



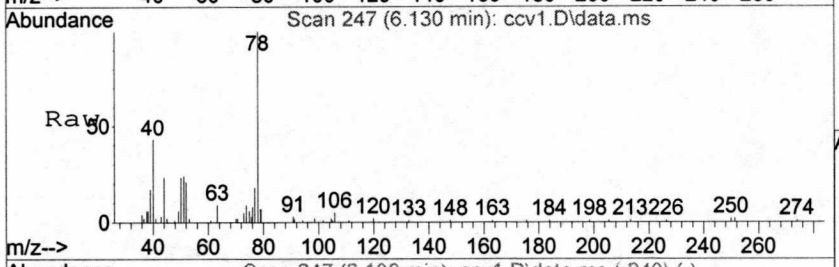


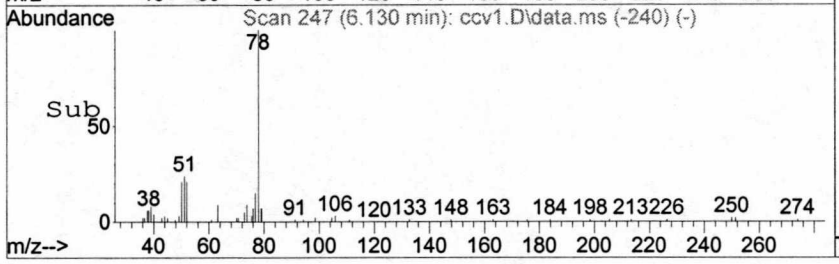


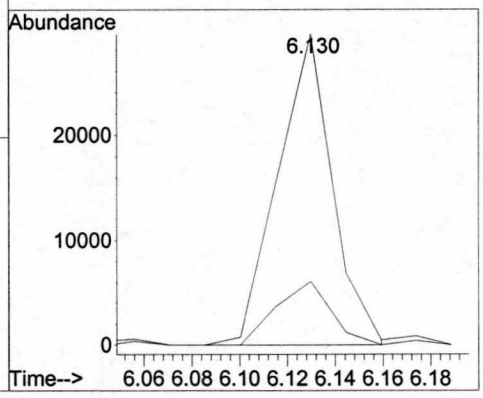
#40
Benzene
Concen: 56.19 ppbv
RT: 6.130 min Scan# 247
Delta R.T. -0.000 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

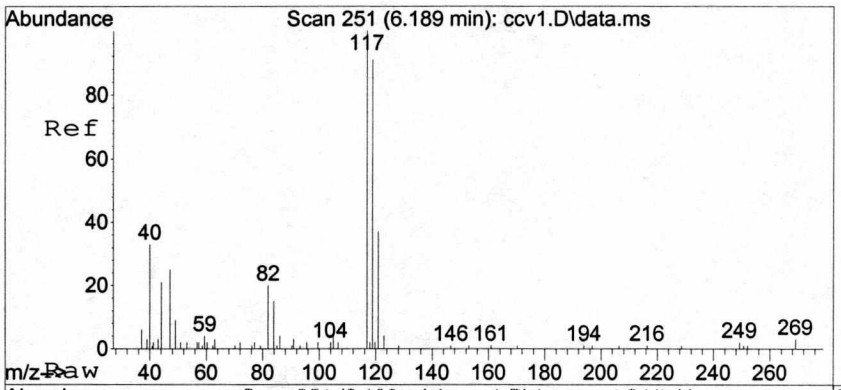
Tgt Ion: 78 Resp: 46890

Ion	Ratio	Lower	Upper
78	100		
52	20.6	16.1	24.1





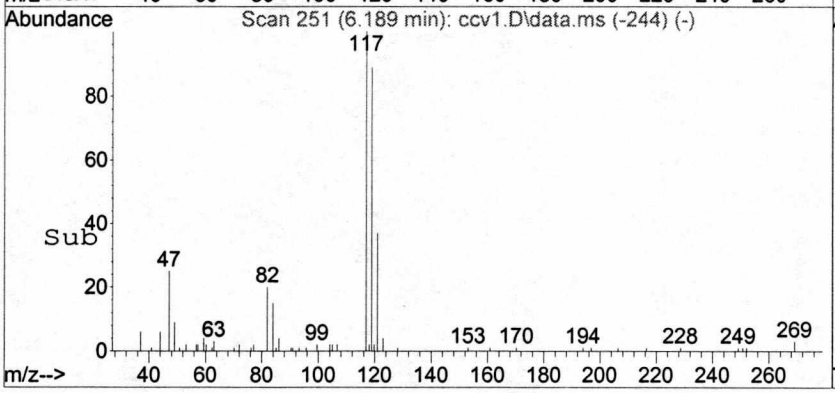


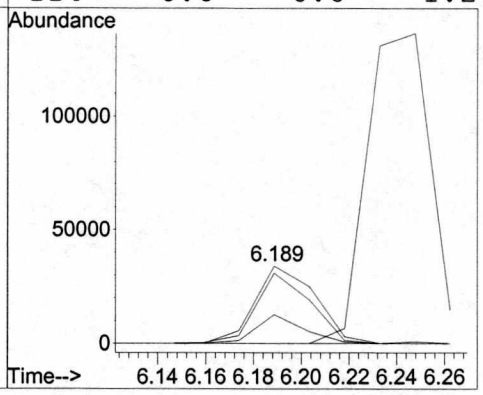


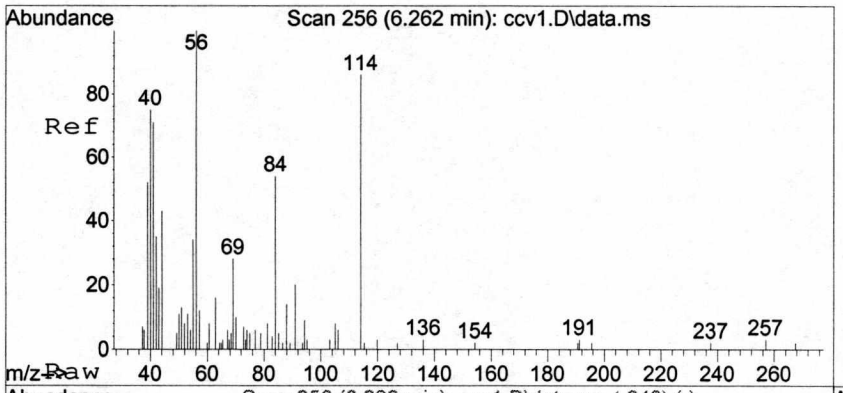
#41
Carbon Tetrachloride
Concen: 54.01 ppbv
RT: 6.189 min Scan# 251
Delta R.T. -0.000 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion:117 Resp: 59692

Ion	Ratio	Lower	Upper
117	100		
119	81.1	75.8	113.8
121	29.1	24.2	36.4
114	0.0	0.8	1.2#



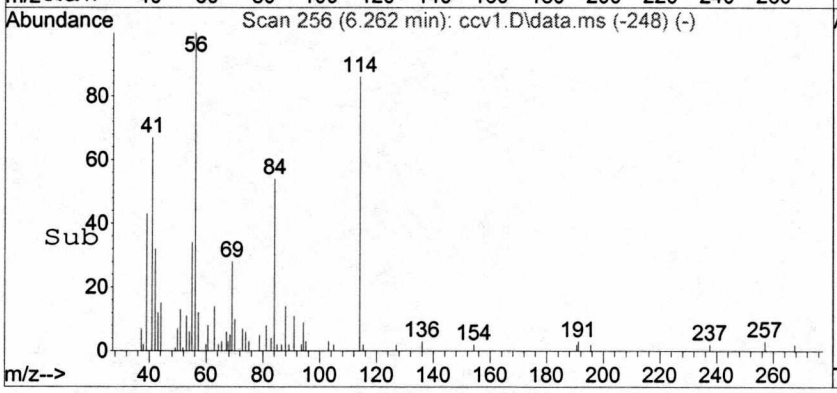


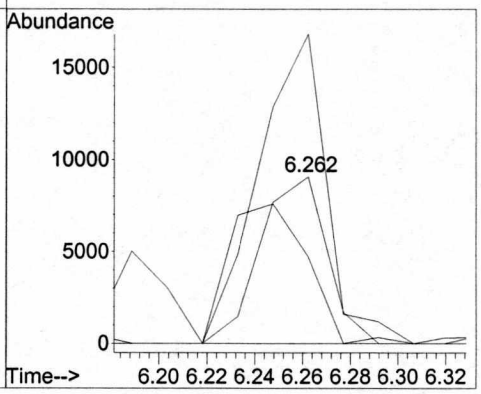


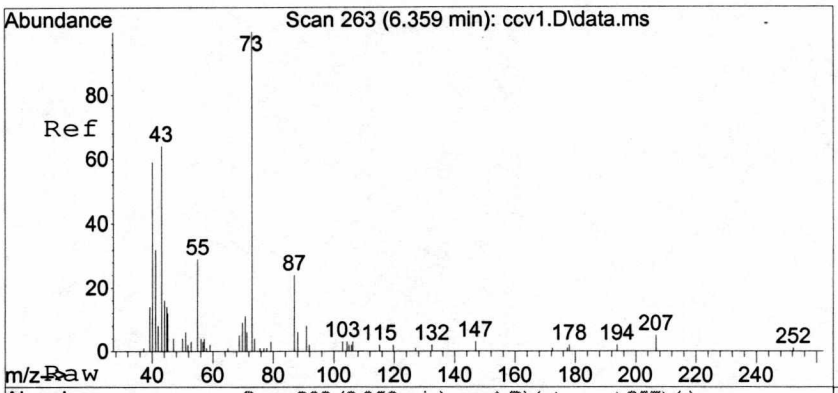
#43
Cyclohexane
Concen: 45.74 ppbv
RT: 6.262 min Scan# 256
Delta R.T. 0.015 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 84 Resp: 17619

Ion	Ratio	Lower	Upper
84	100		
56	187.5	108.0	162.0#
69	96.8	111.0	166.4#



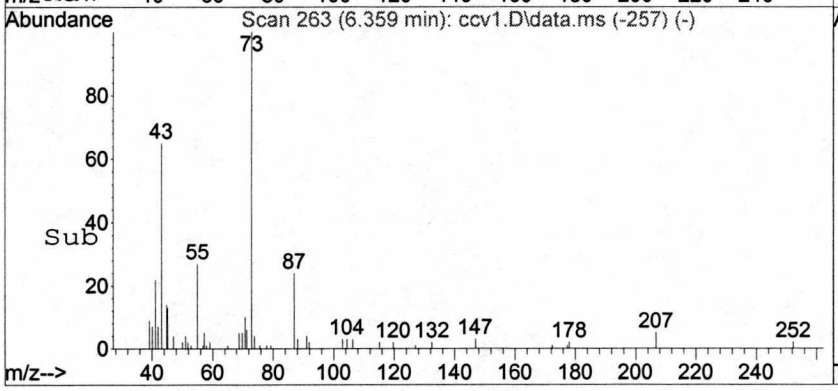


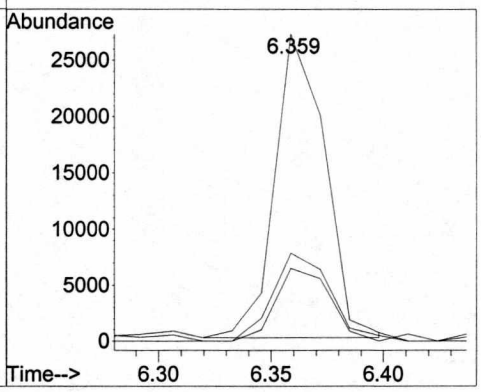


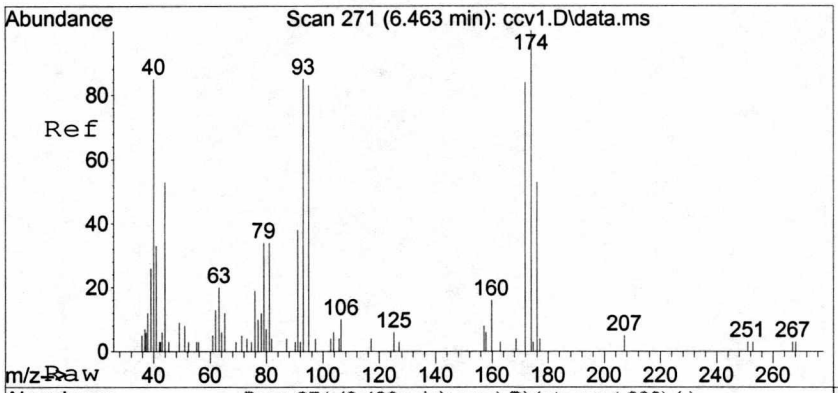
#44
tert-Amyl Methyl Ether
Concen: 41.90 ppbv
RT: 6.359 min Scan# 263
Delta R.T. -0.011 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 73 Resp: 41915

Ion	Ratio	Lower	Upper
73	100		
55	33.6	21.0	31.6#
87	26.2	23.6	35.4



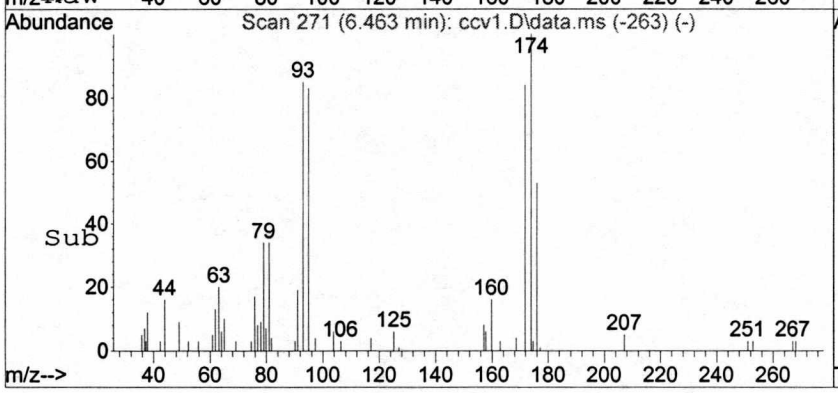


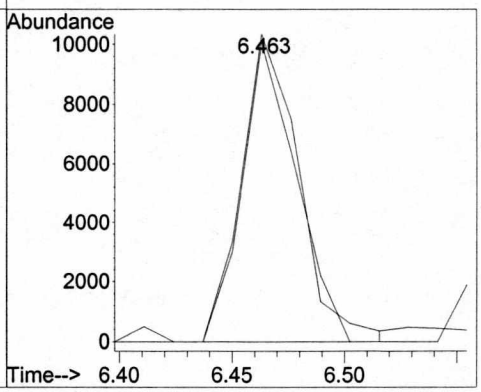


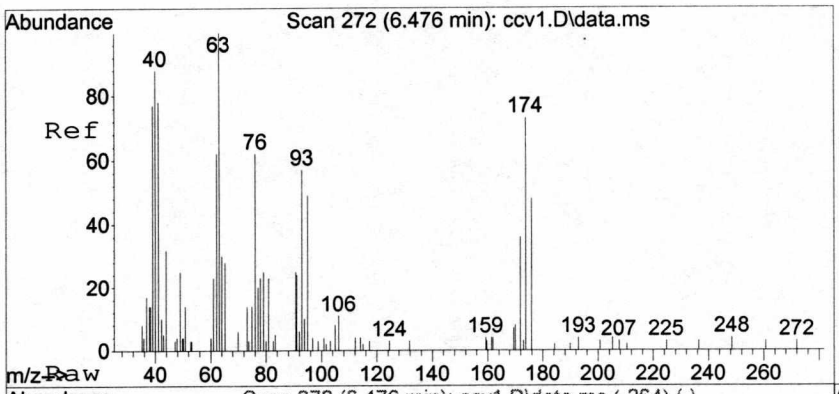
#45
Dibromomethane
Concen: 45.78 ppbv
RT: 6.463 min Scan# 271
Delta R.T. 0.002 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 93 Resp: 18400

Ion	Ratio	Lower	Upper
93	100		
95	92.3	106.1	159.1#



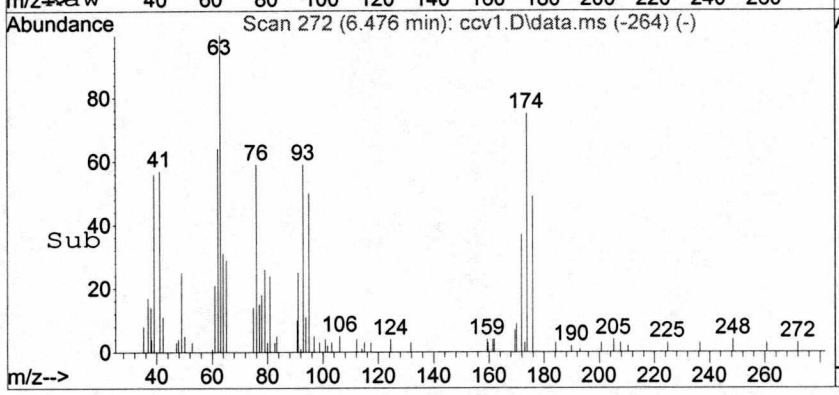


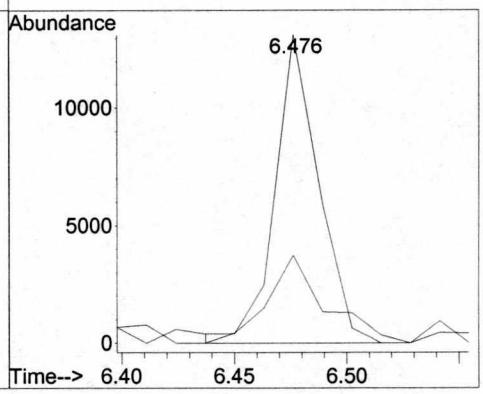


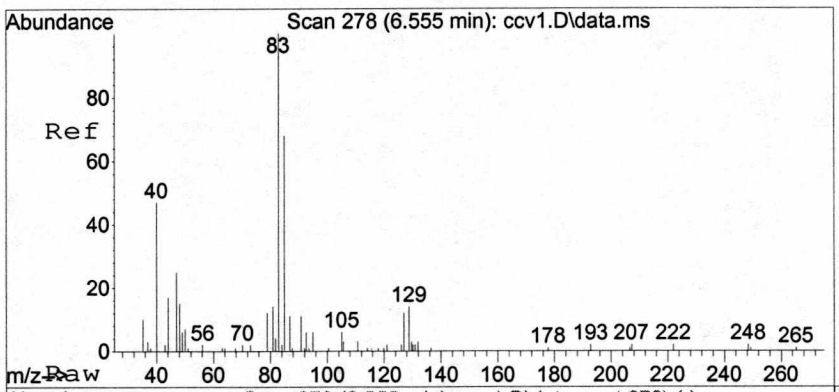
#46
1,2-Dichloropropane
Concen: 51.97 ppbv
RT: 6.476 min Scan# 272
Delta R.T. 0.002 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 63 Resp: 17666

Ion	Ratio	Lower	Upper
63	100		
65	38.2	0.0	0.0#



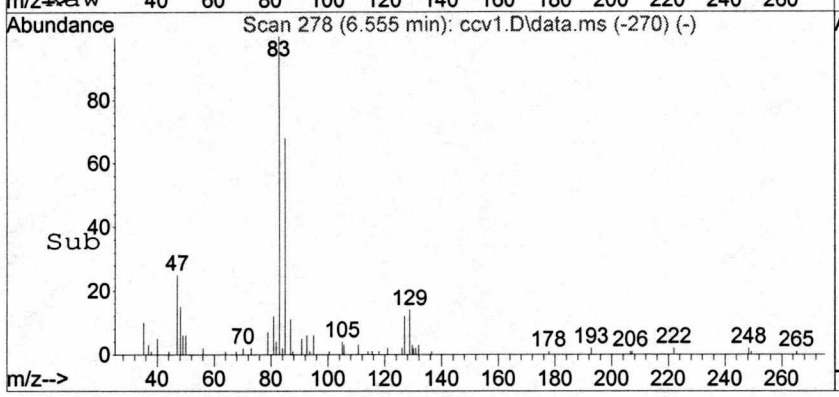


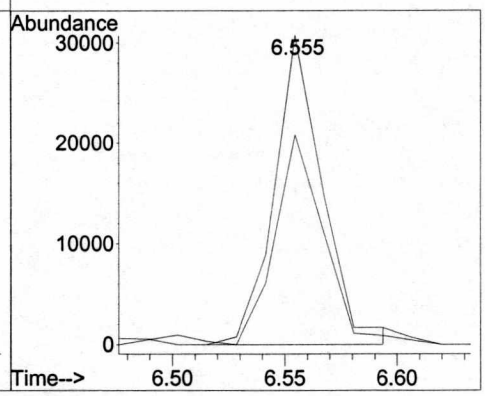


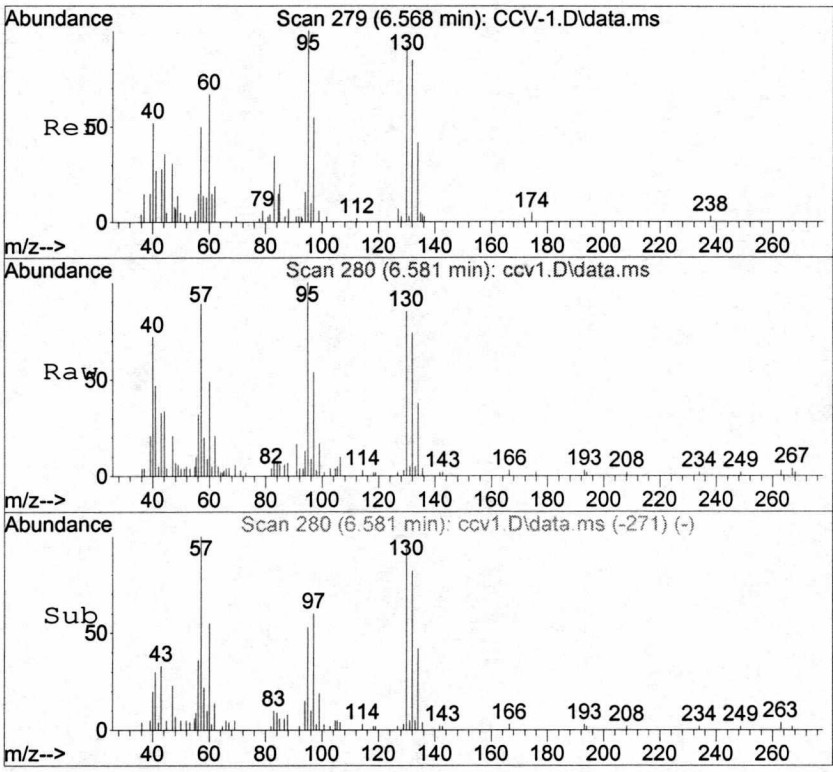
#47
Bromodichloromethane
Concen: 50.05 ppbv
RT: 6.555 min Scan# 278
Delta R.T. 0.002 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 83 Resp: 45670

Ion	Ratio	Lower	Upper
83	100		
85	68.4	67.1	100.7



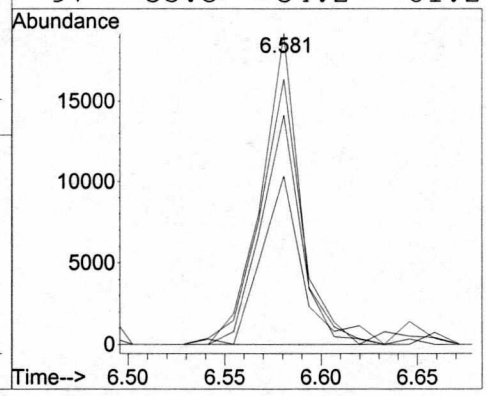


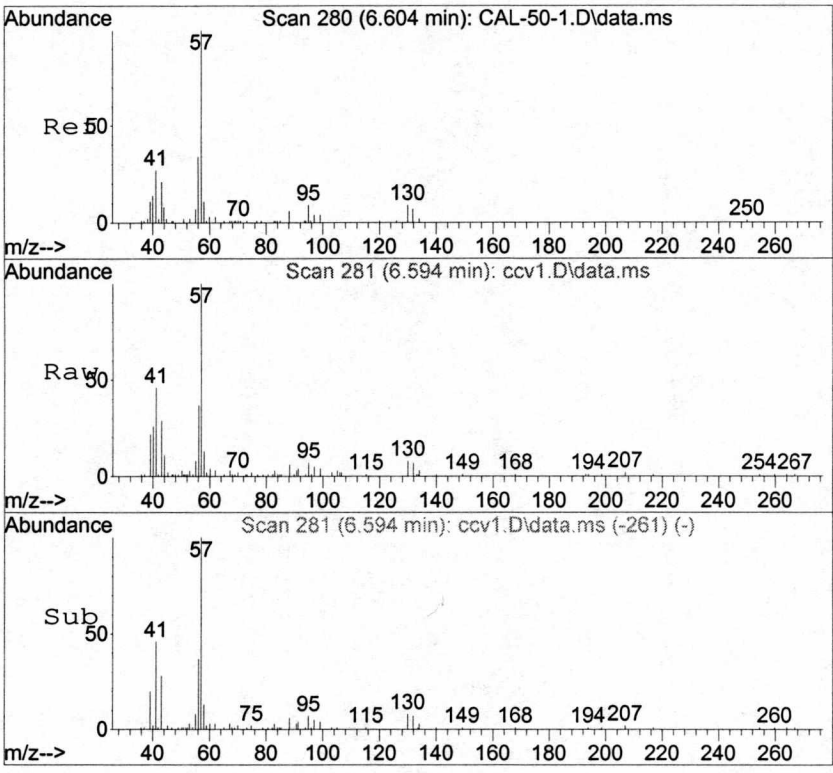


#48
Trichloroethene
Concen: 56.61 ppbv
RT: 6.581 min Scan# 280
Delta R.T. 0.013 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

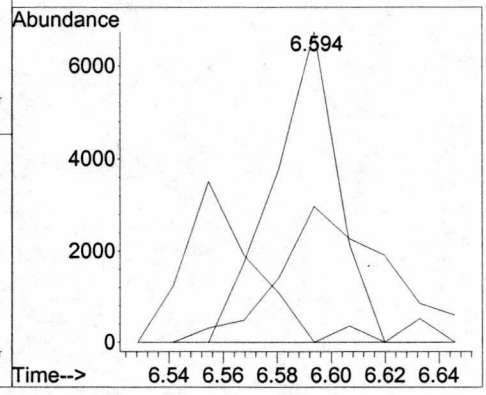
Tgt Ion: 95 Resp: 26105

Ion	Ratio	Lower	Upper
95	100		
130	93.8	88.1	132.1
132	79.7	67.6	101.4
97	55.5	54.2	81.2





#49
1,4-Dioxane
Concen: 53.91 ppbv
RT: 6.594 min Scan# 281
Delta R.T. 0.015 min
Lab File: ccv1.D
Acq: 22 Mar 2015 18:11

Tgt Ion: 58 Resp: 11301

Ion	Ratio	Lower	Upper
58	100		
88	75.0	43.8	65.8#
87	2.5	6.9	10.3#