					LWM-001	LW-001	LW-001	LW-001	LW-001	LW-001	LW-001
SampleID		WINE WATER		MINE WATER		LVV-001	LW-001	LW-001	LVV-001	LW-001	LVV-001
SampleDate		3/9/2000	10/26/2000	9/26/2001	10/2/2002	10/11/2007	3/19/2008	10/30/2008	6/3/2009	11/5/2009	6/2/2010
Parameters	Units										
General Chemistry											
Alkalinity, Bicarbonate (as CaCO3)	mg/L	390	249	278	287	287	288 J	272	290	272	271
Alkalinity, Carbonate (as CaCO3)	mg/L	5 U	30.1	25.1	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Alkalinity, Total (As CaCO3)	mg/L	390	280	303	291	287	288 J	272	290	272	271
Ammonia	mg/L	0.5	0.8 U	0.1 U	0.1 U	0.1 U	0.1 U	5.8 J	0.31	0.25	0.1 U
Bromide	mg/L		80		0.2 U	0.11 J	0.074 B	0.2 U	0.2 U	0.2 U J	1 U
Chemical Oxygen Demand (COD)	mg/L		17		64.5	23.4	21.9	104	26.7	19.7	20.3 U
Chloride	mg/L	31 J	35.1	40.3	36	53.4	35.8	37.9	37	36.4	25.5
Specific Conductivity	umhos/cm				2600	2830	3640 J	3540	3500	3500	3420
Cyanide (free)	mg/L										
Fluoride	mg/L	3.1	2.7	3							
Fluoride (dissolved)	mg/L		2.1		2.3	2.5	2.6	2.3	2.7	1.8	2.3
Hardness	mg/L		564		572	590	540	580	570	590	590
Nitrate (as N)	mg/L		3.4		2.5	5.4	3.5	3.1	3.1	2.9	2.8
Nitrite (as N)	mg/L		0.01 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U J	0.25 U
Oil and Grease, Total	mg/L		3.7								
Oil and grease (HEM), polar	mg/L										
Oil and grease (HEM), total	mg/L	5 U		5 U	4.9 U	4.8 U	4.8 U	4.7 U	4.7 U	4.6 U	4.6 U
рН	s.u.				8.2	8.1 J	8	8.2 J	8.2 J	8.1 J	8.2 J
Phenolics (Total)	mg/L	50 U	50 U	10 U	0.01 U	0.007 J	0.0087 B, J	0.01 U	0.0042 J	0.01 U	0.01 U
Phosphorus as P, total	mg/L		0.023		0.1 U	0.3	0.044 B	0.1 U	0.1 U	0.1 U	0.1 U
Silica	mg/L		16.7								
Sulfate	mg/L	210 J	1060	1170	1080	1510	1140	1170	1140	1150	1220
Sulfide	mg/L					3 U		3.2	3 U	3 U	1.7 J
Sulfite	mg/L	2 J	2 U	2 U							
Thiocyanate	mg/L	0.4 U	1 U	0.7 U							
Thiosulfate	mg/L	0.4 U	1 U	0.7 U							
Total Dissolved Solids (TDS)	mg/L	1870	1840	2020	1890	2010	1830	1820	2140	1790	2170
Nitrogen, Total Kjeldahl	mg/L					3.5	2.8 B	6.2	4.5	4.5	3 U
Total Organic Carbon (TOC)	mg/L				7.7	9.2		7.4	7.9	7.6	6.7
Total Suspended Solids (TSS)	mg/L		5 U			4 U	4 U	4 U	3.6 J	4 U	4 U
Dissolved Organic Carbon (DOC)	mg/L	7.8 J	8.5	7.9	7.5	9.2	10.5	7.2	8.2	8.1 J	6.5

SampleID		MINE WATER	MINE WATER	MINE WATER	LWM-001	LW-001	LW-001	LW-001	LW-001	LW-001	LW-001
SampleDate		3/9/2000	10/26/2000	9/26/2001	10/2/2002	10/11/2007	3/19/2008	10/30/2008	6/3/2009	11/5/2009	6/2/2010
Parameters	Units										
Metals											
Arsenic	ug/L	30	31.8	29.5	24.7	19.3		19	17.4	18 J	15.8
Arsenic (Dissolved)	ug/L		33.2				20.6		16.4	17.1	16.3
Boron	ug/L	4300	4540	4580							
Boron (Dissolved)	ug/L		4330		4280 J	5510	6210	4030	5260	4740 J	4050
Cadmium	ug/L	2 U	0.22	5 U							
Cadmium (Dissolved)	ug/L		0.05 U		0.17	1 U	1 U	0.42 J	1 U	0.12 J	1 U
Calcium											
Calcium (Dissolved)	ug/L		78100		74900	84300		73100	78500	83400 J	78600
Chromium	ug/L		0.6 U			0.59 J	0.54 B	0.6 J	0.49 J	2 U	0.6 J
Chromium (Dissolved)	ug/L		0.04 U		10.7	0.54 J	0.46 B	0.88 J	0.61 J	2 U J	0.44 J
Chromium III	ug/L		10 U								
Chromium VI	ug/L		0.05 U		10 U						
Copper	ug/L		2.8								
Copper (Dissolved)	ug/L		2.7		8.9	5.8	5.8	5.9	4.4	4 J	3.5
Iron	ug/L		0 U		29 U	32.1 J	19.7 B	20.9 J	31.2 J	47.1 J	50.7
Iron (Dissolved)	ug/L		10 U			41.4 J	42 B	50.8	17.1 J	11.4 J	22.5 J
Lead	ug/L		0.19 U								
Lead (Dissolved)	ug/L		0.03 U		1 U	0.38 J	0.064 B, J	1 U	0.24 J	1 U J	0.25 J
Lithium	ug/L	250	368 J								
Lithium (Dissolved)	ug/L		382 J	384	386	395	352	372	379	37.8 J	370
Magnesium	ug/L		98900								
Magnesium (Dissolved)	ug/L		89700		90800 J	87300	82700	77100	96100	97700 J	82700
Manganese	ug/L		1.2								
Manganese (Dissolved)	ug/L		1.5		1.4	2.1	1.2	0.88	0.91	0.89 J	1.1 U
Mercury	ug/L		0.12 U		0.2 U						
Mercury (Dissolved)	ug/L		0.12 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U J	0.2 U
Molybdenum (Dissolved)	ug/L										
Nickel	ug/L		8.2								
Nickel (Dissolved)	ug/L		10.9		6.9						
Potassium	ug/L		20700								
Potassium (Dissolved)	ug/L		15200		15600	91400	74600	83700	82200	94000 J	86200
Selenium	ug/L		3.3								
Selenium (Dissolved)	ug/L		5		7.1 J	7	8.7	6.5	7.2 J	5.6 J	5.1
Silicon	ug/L										
Silicon (Dissolved)	ug/L				7850 J	7490	7380	6680	8630	7520 J	6430

SampleID SampleDate		MINE WATER 3/9/2000	MINE WATER 10/26/2000	MINE WATER 9/26/2001	LWM-001 10/2/2002	LW-001 10/11/2007	LW-001 3/19/2008	LW-001 10/30/2008	LW-001 6/3/2009	LW-001 11/5/2009	LW-001 6/2/2010
Parameters	Units										
Metals											
Silver	ug/L	5 U	0.05 U	10 U							
Silver (Dissolved)	ug/L		0.03 U		0.07 J						
Sodium (Dissolved)	ug/L		374000		424000	490000	446000	408000	390000	431000 J	403000
Strontium	ug/L		7030 J								
Strontium (Dissolved)	ug/L		7060 J		6330	5820	5280	5810	5430	6140 J	5560
Uranium (Dissolved)	ug/L				4.1 J						
Zinc	ug/L		5.6								
Zinc (Dissolved)	ug/L		4.9		24.1	18.5	10.7	15.5 U	13.6	7.1 J	29.2
Volatile Organic Compounds - BTEX											
Benzene	ug/L	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	ug/L	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	ug/L	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	ug/L	1 U	2 U	1 U	3 U	3 U	1 U	3 U	3 U	3 U	3 U
Petroleum Products											
Diesel fuel	mg/L										
TPH - Extractable (DRO)	mg/L										
TPH (non-polar)	mg/L		0.1 U		0.1 U	42	0.11	0.12 U	0.21	0.21 U	0.16 U
TPH (C21 - C28)	mg/L										
Radiology											
Gross Alpha Analytes	pci/l	0	14 + or - 16	2 + or - 12							
Gross Beta Analytes	pci/l	26	18 + or - 9	6.8 + or - 2							
Field Parameters											
Specific Conductivity, field	umhos/cm										
Dissolved oxygen (DO), field	mg/L										
Oxidation reduction potential (ORP), field	millivolts										
pH, field	s.u.										
Temperature, ambient	Deg C										
Temperature, field	Deg C										
Turbidity, field	NTU										

		LW-001	LW-001								
SampleID											
SampleDate		11/22/2010	5/11/2011	10/19/2011	6/14/2012	10/24/2012	5/28/2013	10/24/2013	5/21/2014	10/22/2014	5/12/2015
Parameters	Units										
General Chemistry											
Alkalinity, Bicarbonate (as CaCO3)	mg/L	261	281	250	260	290	260	250	250	260 B	360
Alkalinity, Carbonate (as CaCO3)	mg/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	12	5 U	5 U
Alkalinity, Total (As CaCO3)	mg/L	261	281	250	260	290	260	250	260	260 B	360
Ammonia	mg/L	0.1 U	0.1 U	0.24 U	0.1 U	0.15	0.12 U	0.16 U	0.1 U	0.1 U	0.1 U
Bromide	mg/L	0.15 J	0.5 U	1 U	0.5 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	0.5 U
Chemical Oxygen Demand (COD)	mg/L	23.8	27.8	17	21	9.1 J	23 U	23	19	25	19
Chloride	mg/L	42.4	33.8	32	35	38	32	48	29	42	31
Specific Conductivity	umhos/cm	3560	3390	3900	3600	3600	3300	3100	2600	2900	2500
Cyanide (free)	mg/L		0.0029 J	0.003 J							
Fluoride	mg/L										
Fluoride (dissolved)	mg/L	2.1	3	2.1	2.6	2.6	2.2	3	2.5	2.4	2.6
Hardness	mg/L	600	680	690	680	660	640	680	620	640	520
Nitrate (as N)	mg/L	2.9	4.4	3.3	2.9	2.5	2.5	3.6	2.5	2.8	2.7
Nitrite (as N)	mg/L	0.27	1.2 U	0.25 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.05 U
Oil and Grease, Total	mg/L									1.9 J	
Oil and grease (HEM), polar	mg/L			4.9 U	4.7 U	1.4 J	4.8 U	1.4 J	4.7 U		4.4 U
Oil and grease (HEM), total	mg/L	4.6 U	2.4 J								
рН	s.u.	8 J	8.1 J	7.85 J	8.08 J	8.08 J	7.66 J	8.22 J	8.39 J	7.97 HF	8.25 J
Phenolics (Total)	mg/L	0.01 U	0.0088 J	0.01 U	0.042	0.02	0.01 U	0.0073 J	0.01 U	0.01 U	0.011
Phosphorus as P, total	mg/L	0.1 U	0.1 U								
Silica	mg/L										
Sulfate	mg/L	1320	1200	1200	1400	1300	1200	1500	1200	1300	1100
Sulfide	mg/L	3 U	3 U	3 U	3 U	3 U	0.24 J	0.32 J	3 U	3 U	0.76 J
Sulfite	mg/L										
Thiocyanate	mg/L										
Thiosulfate	mg/L										
Total Dissolved Solids (TDS)	mg/L	2230	2100	2100	1900	2100	1700	1900	2000	2100	1900
Nitrogen, Total Kjeldahl	mg/L	5 U	3.3 J	5 U	5 U	0.41	5 U	5 U	2.8 J	1.7 J	2.7 J
Total Organic Carbon (TOC)	mg/L	7.1	8.9	6.9	6.4	5.9	4.8	8.3	5.9	5.7	9.4
Total Suspended Solids (TSS)	mg/L	4 U	4 U	4 U	4 U	4 U	2 U	2 U	2 U	2.8	
Dissolved Organic Carbon (DOC)	mg/L	7.4	8.8	7.7		6.3	4.8	8.3	6	6.9	13

SampleID		LW-001	LW-001								
SampleDate		11/22/2010	5/11/2011	10/19/2011	6/14/2012	10/24/2012	5/28/2013	10/24/2013	5/21/2014	10/22/2014	5/12/2015
Parameters	Units										
Metals											
Arsenic	ug/L	18.9	15.9	17	19	16	18	14	16	15	14
Arsenic (Dissolved)	ug/L	20.1	16.5	15	18	17	17	18	15	15	14
Boron	ug/L		4800	5100							5200
Boron (Dissolved)	ug/L	4690	4640	4500	4600	4400	4700	6000	3900	4200 B	
Cadmium	ug/L										
Cadmium (Dissolved)	ug/L	1 U	1 U	1 U	1 U	1 U	0.13 J	5 U	1 U	1 U	1 U
Calcium											
Calcium (Dissolved)	ug/L	100000	85700	92000	94000	90000	91000	100000	82000	81000 B	70000
Chromium	ug/L	0.54 J	0.37 J	1.4 J	2 U	0.42 J	0.43 J	2 U	1 J	0.32 J	2 U
Chromium (Dissolved)	ug/L	0.49 J	0.42 J	0.38 J	2 U	0.56 J	0.46 J	10 U	0.89 J	2 U	2 U
Chromium III	ug/L										
Chromium VI	ug/L										
Copper	ug/L										
Copper (Dissolved)	ug/L	4.3	3.3	2.4	4.4	4.2	4.3	9.5 J	3.5	3.3 B	4.1
Iron	ug/L	235 J	50 U	160	200	50	95	38 J	120	24 J	61
Iron (Dissolved)	ug/L	53.2	50 U	30 J	59	18 J	20 J	250 U	50 U	19 J	18 J
Lead	ug/L										
Lead (Dissolved)	ug/L	0.32 J	1 U	1 U	1 U	0.034 J	1 U	5 U	1 U	0.17 JB	0.082 J
Lithium	ug/L										
Lithium (Dissolved)	ug/L	398	336	360	400	400	380	430	350	430	390
Magnesium	ug/L										
Magnesium (Dissolved)	ug/L	116000	95200	100000	110000	96000	110000	110000	98000	89000 B	78000
Manganese	ug/L										
Manganese (Dissolved)	ug/L	1.9	1.3	3 J	5 U	1.7 J	1.7 J	2.3 J	1.8 J	1.9 JB	2.8 J
Mercury	ug/L		0.2 U	0.2 U							
Mercury (Dissolved)	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.047 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Molybdenum (Dissolved)	ug/L		330	300							
Nickel	ug/L										
Nickel (Dissolved)	ug/L										
Potassium	ug/L										
Potassium (Dissolved)	ug/L	115000	69600	76000	86000	83000	87000	78000	69000	68000	49000
Selenium	ug/L		11	6.5							
Selenium (Dissolved)	ug/L	7.6	11.6	5.6	7	3.7 J	4.6 J	11 J	5.8	3.6 J	8.4
Silicon	ug/L										
Silicon (Dissolved)	ug/L	9440	7030	7200	8200	7800	8400	7400	8000	6500	6600

SampleID SampleDate Parameters	Units	LW-001 11/22/2010	LW-001 5/11/2011	LW-001 10/19/2011	LW-001 6/14/2012	LW-001 10/24/2012	LW-001 5/28/2013	LW-001 10/24/2013	LW-001 5/21/2014	LW-001 10/22/2014	LW-001 5/12/2015
Metals											
Silver	ug/L										
Silver (Dissolved)	ug/L										
Sodium (Dissolved)	ug/L	468000	405000	410000	420000	420000	430000	510000	360000	380000	370000
Strontium	ug/L										
Strontium (Dissolved)	ug/L	8100	5320	5400	6800	6300	6500	7100	5400	5600	4100
Uranium (Dissolved)	ug/L										
Zinc	ug/L										
Zinc (Dissolved)	ug/L	67.5	9.4	6.3 U	7.5	7.4 U	18	25 U	12	9.3 B	30
Volatile Organic Compounds - BTEX											
Benzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
Ethylbenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
Toluene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
Xylenes, Total	ug/L	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	10 U
Petroleum Products											
Diesel fuel	mg/L					0.35 J		0.35 J	0.25 J	0.35 J	0.92
TPH - Extractable (DRO)	mg/L										
TPH (non-polar)	mg/L	0.23	0.5 U	0.37 J	0.36 J		0.48 U				
TPH (C21 - C28)	mg/L										
Radiology											
Gross Alpha Analytes	pci/l										
Gross Beta Analytes	pci/l										
Field Parameters											
Specific Conductivity, field	umhos/cm					2670	3090	2760	2870	3053	3000
Dissolved oxygen (DO), field	mg/L					5.90	6.82	3.34	10.39	3.36	6.1
Oxidation reduction potential (ORP), field	millivolts					184.1	183.3	61.9	204	86.8	62.4
pH, field	s.u.					7.58	8.14	7.93	7.92	8.12	8.26
Temperature, ambient	Deg C					8.2	32	18	15.5		18
Temperature, field	Deg C					9.5	11.1	10.9	9.22	11.5	10.4
Turbidity, field	NTU					0.28	0.76	3.07	3.69		2.35

		LW-001	LW-001	LW-001	LW-001	LW-001	LW-001	LW-001	LW-001	LW-001	LW-001	LW-001
SampleID												
SampleDate		10/14/2015	5/23/2016	10/4/2016	5/1/2017	10/3/2017	5/29/2018	10/22/2018	05/22/2019	10/09/2019	5/26/2020	10/7/2020
Parameters	Units											
General Chemistry												
Alkalinity, Bicarbonate (as CaCO3)	mg/L	270 B	271	233	234	240	258	245	271	248	249	253
Alkalinity, Carbonate (as CaCO3)	mg/L	5 U	2.7 U	5.93 J	2.71 U	2.71 U	6.17 J	3.69 J	3.06 J	11.8 J	8.45 U	8.45U
Alkalinity, Total (As CaCO3)	mg/L	270	271	239 J	234	240	264	249	274	259	252	253
Ammonia	mg/L	0.1 U	0.038 U	0.038 U	0.042 U	0.0317 U	0.1 U	0.0317 U	0.0317 U	0.0317 U	0.117 U	0.117U
Bromide	mg/L	2.5 U	0.079 U	R	1.58 U	0.079 U	1 U	1.58 U	3.95 U	1.58 U	7.06 U	0.353U
Chemical Oxygen Demand (COD)	mg/L	10 U	32.3	21.3	13.2	10.8	15	19	26.7			
Chloride	mg/L	35	37.4	38.9	32.3	41.2	34.3	38	38	49.1	43.1	47
Specific Conductivity	umhos/cm	3000	2910	2890	2840	3030	2870	1920	2990	3040	3010	9150
Cyanide (free)	mg/L											
Fluoride	mg/L		2.55	2.28	2.25	2.56	2.14	2.49				
Fluoride (dissolved)	mg/L	2.3							2.55	2.74	2.51	2.56
Hardness	mg/L	640	612	623	674	666	628	637	725	738 B	655	641
Nitrate (as N)	mg/L	2.3	1.99	1.8	0.972	1.91	0.655	1.78	4.2	1.74	2.48 T8	2.44
Nitrite (as N)	mg/L	0.25 U	0.045 J	0.0277 U	0.0277 U	0.0277 U	0.1 U	0.0277 U	0.0277 U	0.0277 U	0.042 U, T8	0.042 U
Oil and Grease, Total	mg/L								1.29 U	1.45 U	1.36 U	
Oil and grease (HEM), polar	mg/L	4.3 U										
Oil and grease (HEM), total	mg/L		1.16 U	1.16 U	1.16 U	1.16 U	5.88 U	2.05 J				
pH	s.u.	8.13 HF	7.76 J	8.36 J	8.17 J	8.71 J	8.26 T8	8.23 J	8.24 J	8.19 T8	8.28 T8	8.2T8
Phenolics (Total)	mg/L	0.01 U	0.008 U	0.0249 U	0.0083 U	0.0083 U	0.0292 J	0.0083 U	0.0144 U	0.0137 B	0.0083 U	0.0083UJ6
Phosphorus as P, total	mg/L	0.1 U	0.043 J	0.035 U	0.035 U	0.035 U	0.1 U	0.27	0.035 U	0.035 U	0.035 U	0.035U
Silica	mg/L		15.9	16.3	15	15.8	15.8	14.3	11	15.9	15.9	14.8
Sulfate	mg/L	1100	1280	1320	1330	1440	1410	1290	1310	1440	1330	1350
Sulfide	mg/L	1.6 J	0.0065 U	0.0065 U	0.0065 U	0.007 J	0.05 U	0.0065 U	0.007 J	0.0065 U	0.025 U	0.025U
Sulfite	mg/L											
Thiocyanate	mg/L											
Thiosulfate	mg/L											
Total Dissolved Solids (TDS)	mg/L	2300	2120	2210	2050	2220	2010	1930	2280	2330	2100	2270
Nitrogen, Total Kjeldahl	mg/L	5 U	0.94	0.444	0.326	0.48	0.425	1.29	1.14			
Total Organic Carbon (TOC)	mg/L	6.6	51.3	5.98	5.67	6.51	5.74	6.73	12	7.79	9.77	7.42
Total Suspended Solids (TSS)	mg/L						0	0		0.4 J	1.6 J	3.2
Dissolved Organic Carbon (DOC)	mg/L	7.8	32.8	6.13	6.13	6.35	5.82	6.4	11.6			

		LW-001	LW-001	LW-001	LW-001	LW-001	LW-001	LW-001	LW-001	LW-001	LW-001	LW-001
SampleID												
SampleDate		10/14/2015	5/23/2016	10/4/2016	5/1/2017	10/3/2017	5/29/2018	10/22/2018	05/22/2019	10/09/2019	5/26/2020	10/7/2020
Parameters	Units	-										
Metals												
Arsenic	ug/L	16	17.0	16.2	16.4	14.8	17	16.2	12.2		15.1	
Arsenic (Dissolved)	ug/L	16	14.7	14.7	16.7	14.2	16.6	14.7	14.1	12.6		16 J
Boron	ug/L	5600									4510	
Boron (Dissolved)	ug/L		5760	4450	5940	3410	3440 O1 V	3920	5070	5160		4500
Cadmium	ug/L											
Cadmium (Dissolved)	ug/L	0.47 J	0.220 U	0.220 U	0.220 U	2.2 U	1.00 U	0.220 U	0.220 U			
Calcium											83000 O1 V	85200
Calcium (Dissolved)	ug/L	86000 B	95100	108000	103000	106000	98400 V	116000	123000	108000	97300	104000
Chromium	ug/L	0.8 J	0.320 U	0.499 U	0.320 U	0.32 U	1.00 U	0.970 J	0.320 U			
Chromium (Dissolved)	ug/L	0.87 J	0.320 U	0.438 U	0.398 J	3.2 U	1.00 U	0.320 U	0.462 J			
Chromium III	ug/L											
Chromium VI	ug/L											
Copper	ug/L											
Copper (Dissolved)	ug/L	4.2	3.25	4.11	9.29	6.56 J	6.24	3.19	6.55			
Iron	ug/L	20 J	33.6 J	21.8 J	15.0 U	32.1 J	100 U	30.1 J	23.2 J			
Iron (Dissolved)	ug/L	12 J	15.0 U	15.0 U	15.0 U	150 U	100 U	17.8 J	29.3 U	15.0 U	44.7 U	894 U
Lead	ug/L											
Lead (Dissolved)	ug/L	0.12 J	0.260 U	0.260 U	0.452 J	2.6 U	1.00 U	0.260 U	0.260 U			
Lithium	ug/L											
Lithium (Dissolved)	ug/L	430	415	426	415	388	361	384	336			
Magnesium	ug/L										109000 O1,V	104000
Magnesium (Dissolved)	ug/L	88000 B	92200	92500	102000	99000	97700 O1 V	97700	129000	102000	104000	110000
Manganese	ug/L											
Manganese (Dissolved)	ug/L	2 JB	4.38 J	3.01 J	4.99 J	5.1 U	1.65 J	1.93 J	2.85 J			
Mercury	ug/L											
Mercury (Dissolved)	ug/L	0.033 JB	0.0490 U	0.0490 U	0.0490 U	0.049 U	0.0591 B J	0.0490 U	0.326			
Molybdenum (Dissolved)	ug/L											
Nickel	ug/L											
Nickel (Dissolved)	ug/L											
Potassium	ug/L											
Potassium (Dissolved)	ug/L	73000	61800	64300	77300	88000	74800 V	70400	56000	69800	80900	78000
Selenium	ug/L											
Selenium (Dissolved)	ug/L	5.2	5.60	5.22	4.89	3.2 U	3.82	5.01	22.2	4.03	3.13	8.74 U
Silicon	ug/L		7420	7640	6990	7390	7390	6700	5140	7430	7410 V	6930
Silicon (Dissolved)	ug/L	8300									-	

SampleID SampleDate Parameters	Units	LW-001 10/14/2015	LW-001 5/23/2016	LW-001 10/4/2016	LW-001 5/1/2017	LW-001 10/3/2017	LW-001 5/29/2018	LW-001 10/22/2018	LW-001 05/22/2019	LW-001 10/09/2019	LW-001 5/26/2020	LW-001 10/7/2020
Metals												
Silver	ug/L											
Silver (Dissolved)	ug/L											
Sodium (Dissolved)	ug/L	360000	386000	368000	388000	393000	379000 O1 V	410000	447000	395000	397000	455000
Strontium	ug/L											
Strontium (Dissolved)	ug/L	5900	5260	7510	6650	5930	6350	5510	5510			
Uranium (Dissolved)	ug/L											
Zinc	ug/L											
Zinc (Dissolved)	ug/L	5.1 B	10.3 U	22.6	34.8	84.3 U	6.17 J	10.1	27.5			
Volatile Organic Compounds - BTEX												
Benzene	ug/L	5 U	0.331 U	0.331 U	0.331 U	0.331 U	1.00 U	0.331 U	0.331 U	0.331 U	0.0941 U	0.0941 U
Ethylbenzene	ug/L	5 U	0.384 U	0.384 U	0.384 U	0.384 U	1.00 U	0.384 U	0.384 U	0.384 U	0.137 U	0.137 U
Toluene	ug/L	5 U	0.780 U	0.780 U	0.412 U	0.412 U	1.00 U	0.412 U	0.412 U	0.412 U	0.278 U	0.278 U
Xylenes, Total	ug/L	10 U	1.06 U	1.06 U	1.06 U	1.06 U	3.00 U	1.06 U	1.06 U	1.06 U	0.174 U	0.174 U
Petroleum Products												
Diesel fuel	mg/L	0.51	0.83	0.198	0.174	0.33	0.213 B	0.247	0.155	0.4	0.317	0.285
TPH - Extractable (DRO)	mg/L											
TPH (non-polar)	mg/L											
TPH (C21 - C28)	mg/L											
Radiology												
Gross Alpha Analytes	pci/l											
Gross Beta Analytes	pci/l											
Field Parameters												
Specific Conductivity, field	umhos/cm	3450	3500	2127	2745	2233	2796	2770	2891	3216	3002	3254
Dissolved oxygen (DO), field	mg/L	7.13	4.17	7.83	5.97	63.4	NM	7.44	7.51	4.29	6.63	7.47
Oxidation reduction potential (ORP), field	millivolts		-43.8	-24.3	153.9	83.7	313.2	178.1	-58.8	42	-33.3	308.2
pH, field	s.u.	8.2	7.47	8.63	7.71	8.54	7.04	7.17	8.74	7.04	8.37	8.1
Temperature, ambient	Deg C	29.4			15.6	7.2			60	60	60	60
Temperature, field	Deg C	13	11.21	10.6	9.9	11.2	10.7	11.15	10.5	11.6	10.9	12
Turbidity, field	NTU	0.02	2.07	1.39	1.85	1.33	2.17	0.72	4.02	5.07	0.74	0.42