

Pollutant Monitoring Results - Leachate



EPL No:	4068
Entity Name:	Elizabeth Drive Landfill
Site:	1725 Elizabeth Drive, KEMPS CREEK, NSW, 2178
Monitoring Frequency:	Quarterly
Link to NSW EPA Register:	Click Here

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Location Name	EPA Monitoring Point No.	Pollutant	Unit of measure	Frequency	12/03/2024	17/06/2024	28/08/2024	-	No. of samples required by licence	No. of samples collected and analysed	Lowest Sample Value	Mean Sample Value	Highest Sample Value	Comments
L7	26	Adsorbable Organic Halogens	mg/l	Quarterly	NL	1.1	1.5		4	3	1.1	1.3	1.5	
	26	Alkalinity (as calcium Carbonate)	mg/l	Quarterly	NL	4750	5340		4	3	4750	5045	5340	
	26	Aluminium	mg/l	Quarterly	NL	<0.10	0.65		4	3	0.65	0.65	0.65	
	26	Arsenic	mg/l	Quarterly	NL	0.026	0.027		4	3	0.026	0.0265	0.027	
	26	Barium	mg/l	Quarterly	NL	2.84	2.97		4	3	2.84	2.905	2.97	
	26	Benzene	mg/l	Every 6 months	NL	6			2	2	6	6	6	
	26	Bicarbonate	mg/l	Quarterly	NL	4750	5340		4	3	4750	5045	5340	
	26	Biological oxygen Demand	mg/l	Quarterly	NL	104	113		4	3	104	108.5	113	
	26	Cadmium	mg/l	Quarterly	NL	<0.0010	<0.0010		4	3	0	#DIV/0!	0	
	26	Calcium	mg/l	Quarterly	NL	45	28		4	3	28	36.5	45	
	26	Chemical Oxygen Demand	mg/l	Yearly	NL	1670			1	2	1670	1670	1670	
	26	Chloride	mg/l	Quarterly	NL	12800	18900		4	3	12800	15850	18900	
	26	Chlorinated Hydrocarbons	mg/l	Every 6 months	NL	<5			2	2	2	#DIV/0!	0	
	26	Chromium	mg/l	Quarterly	NL	0.124	0.191		4	3	0.124	0.1575	0.191	
	26	Conductivity	µS/cm	Quarterly	NL	48600	60200		4	3	48600	54400	60200	
	26	Copper	mg/l	Quarterly	NL	<0.010	<0.010		4	3	0	#DIV/0!	0	
	26	Dissolved Oxygen	mg/l	Quarterly	NL	6.1	3.1		4	3	3.1	4.6	6.1	
	26	Fluoride	mg/l	Quarterly	NL	1.5	1.6		4	3	1.5	1.55	1.6	
	26	Lead	mg/l	Quarterly	NL	<0.010	<0.010		4	3	0	#DIV/0!	0	
	26	Magnesium	mg/l	Quarterly	NL	248	253		4	3	248	250.5	253	
	26	Manganese	mg/l	Quarterly	NL	0.04	0.039		4	3	0.039	0.0395	0.04	
	26	Mercury	mg/l	Quarterly	NL	<0.0001	<0.0001		4	3	0	#DIV/0!	0	
	26	Nickel	mg/l	Every 6 months	NL	0.151			2	2	0.151	0.151	0.151	
	26	Nitrate	mg/l	Quarterly	NL	0.16	<0.10		4	3	0.16	0.16	0.16	
	26	Nitrite	mg/l	Quarterly	NL	<0.10	<0.10		4	3	0	#DIV/0!	0	
	26	Nitrogen (ammonia)	mg/l	Quarterly	NL	861	1100		4	3	861	980.5	1100	
	26	Nitrogen (Total)	mg/l	Quarterly	NL	974	1120		4	3	974	1047	1120	
	26	pH	pH Unit	Quarterly	NL	7.63	7.92		4	3	7.63	7.775	7.92	
	26	Phosphorus (total)	mg/l	Quarterly	NL	5.61	5.01		4	3	5.01	5.31	5.61	
	26	Polycyclic aromatic hydrocarbons	mg/l	Every 6 months	NL	3.1			2	2	3.1	3.1	3.1	
26	Potassium	mg/l	Quarterly	NL	2010	2680		4	3	2010	2345	2680		
26	Redox Potential	mV	Quarterly	NL	153	147		4	3	147	150	153		
26	Selenium	mg/l	Yearly	NL	<0.10			1	2	0	#DIV/0!	0		
26	Silica	mg/l	Yearly	NL	69.4			1	2	69.4	69.4	69.4		
26	Silver	mg/l	Yearly	NL	<0.010			1	2	0	#DIV/0!	0		
26	Sodium	mg/l	Quarterly	NL	8720	11600		4	3	8720	10160	11600		
26	Sulfate	mg/l	Quarterly	NL	<10	26		4	3	26	26	26		
26	Tin	mg/l	Every 6 months	NL	<0.010			2	2	0	#DIV/0!	0		
26	Total Dissolved Solids	mg/l	Quarterly	NL	25900	37200		4	3	25900	31550	37200		
26	Total Organic Carbon	mg/l	Quarterly	NL	493	21		4	3	21	257	493		
26	Total Phenolics	mg/l	Quarterly	NL	<0.05	<0.20		4	3	0	#DIV/0!	0		
26	Zinc	mg/l	Quarterly	NL	<0.052	<0.052		4	3	0	#DIV/0!	0		
	27	Adsorbable Organic Halogens	mg/l	Quarterly	1.2	0.36	1		4	3	0.36	0.853333333	1.2	
	27	Alkalinity (as calcium Carbonate)	mg/l	Quarterly	2090	1340	928		4	3	928	1452.6666667	2090	
	27	Aluminium	mg/l	Quarterly	0.04	0.09	0.03		4	3	0.03	0.053333333	0.09	
	27	Arsenic	mg/l	Quarterly	0.163	0.179	0.149		4	3	0.149	0.163666667	0.179	
	27	Barium	mg/l	Quarterly	0.165	0.176	0.099		4	3	0.099	0.146666667	0.176	
	27	Benzene	mg/l	Every 6 months	<1				2	1	0	#DIV/0!	0	
	27	Bicarbonate	mg/l	Quarterly	2090	1340	<1		4	3	1340	1715	2090	
	27	Biological oxygen Demand	mg/l	Quarterly	41	19	55		4	3	19	38.333333333	55	
	27	Cadmium	mg/l	Quarterly	0.0004	0.0006	0.001		4	3	0.0004	0.000666667	0.001	
	27	Calcium	mg/l	Quarterly	115	212	332		4	3	115	219.6666667	332	
	27	Chemical Oxygen Demand	mg/l	Yearly	383				1	1	383	383	383	
	27	Chloride	mg/l	Quarterly	2430	2720	4630		4	3	2430	3260	4630	
	27	Chlorinated Hydrocarbons	mg/l	Every 6 months	<5				2	1	0	#DIV/0!	0	
	27	Chromium	mg/l	Quarterly	0.029	0.015	0.008		4	3	0.008	0.017333333	0.029	
	27	Conductivity	µS/cm	Quarterly	17200	12900	17900		4	3	12900	16000	17900	

Location Name	EPA Monitoring Point No.	Pollutant	Unit of measure	Frequency	12/03/2024	17/06/2024	28/08/2024	-	No. of samples required by licence	No. of samples collected and analysed	Lowest Sample Value	Mean Sample Value	Highest Sample Value	Comments
L10	27	Copper	mg/l	Quarterly	0.009	0.005	0.006		4	3	0.005	0.006666667	0.009	
	27	Dissolved Oxygen	mg/l	Quarterly	2	6.2	5.2		4	3	2	4.466666667	6.2	
	27	Fluoride	mg/l	Quarterly	2	2	0.9		4	3	0.9	1.633333333	2	
	27	Lead	mg/l	Quarterly	0.003	0.002	0.002		4	3	0.002	0.002333333	0.003	
	27	Magnesium	mg/l	Quarterly	217	292	22		4	3	22	177	292	
	27	Manganese	mg/l	Quarterly	0.247	0.88	0.121		4	3	0.121	0.416	0.88	
	27	Mercury	mg/l	Quarterly	0.0003	<0.0001	<0.0001		4	3	0.0003	0.0003	0.0003	
	27	Nickel	mg/l	Every 6 months		0.232			2	1	0.232	0.232	0.232	
	27	Nitrate	mg/l	Quarterly	0.1	0.88	3.75		4	3	0.1	1.576666667	3.75	
	27	Nitrite	mg/l	Quarterly	<0.01	0.01	0.36		4	3	0.01	0.185	0.36	
	27	Nitrogen (ammonia)	mg/l	Quarterly	369	175	408		4	3	175	317.3333333	408	
	27	Nitrogen (Total)	mg/l	Quarterly	470	166	404		4	3	166	346.6666667	470	
	27	Organotin MBT	µg/L	Quarterly	0.031	<0.020	<0.02		4	3	0.031	0.031	0.031	
	27	Organotin DBT	µg/L	Quarterly	<0.010	<0.010	<0.01		4	3	0	#DIV/0!	0	
	27	Organotin TBT	µg/L	Quarterly	<0.0020	<0.0020	<0.003		4	3	0	#DIV/0!	0	
	27	pH	mg/l	Quarterly	8.1	7.75	9.39		4	3	7.75	8.413333333	9.39	
	27	Phosphorus (total)	mg/l	Quarterly	2.26	1.15	0.79		4	3	0.79	1.4	2.26	
	27	Polycyclic aromatic hydrocarbons	mg/l	Every 6 months		<0.5			2	1	0	#DIV/0!	0	
	27	Potassium	mg/l	Quarterly	758	644	748		4	3	644	716.6666667	758	
	27	Redox Potential	mV	Quarterly	45.5	138	55		4	3	45.5	79.5	138	
	27	Selenium	mg/l	Yearly		0.01			1	1	0.01	0.01	0.01	
	27	Silica	mg/l	Yearly		30			1	1	30	30	30	
	27	Silver	mg/l	Yearly		<0.001			1	1	0	#DIV/0!	0	
	27	Sodium	mg/l	Quarterly	2120	1580	2490		4	3	1580	2063.333333	2490	
	27	Sulfate	mg/l	Quarterly	87	1400	2170		4	3	87	1219	2170	
	27	Tin	mg/l	Every 6 months		0.012			2	1	0.012	0.012	0.012	
	27	Total Dissolved Solids	mg/l	Quarterly	8940	7460	10300		4	3	7460	8900	10300	
27	Total Organic Carbon	mg/l	Quarterly	149	96	126		4	3	96	123.6666667	149		
27	Total Phenolics	mg/l	Quarterly	<1.00	<0.05	<0.20		4	3	0	#DIV/0!	0		
27	Zinc	mg/l	Quarterly	0.037	0.043	0.068		4	3	0.037	0.049333333	0.068		
A2L1	28	Adsorbable Organic Halogens	mg/l	Quarterly	1.1	0.28	0.85		4	3	0.28	0.743333333	1.1	
	28	Alkalinity (as calcium Carbonate)	mg/l	Quarterly	2650	1020	888		4	3	888	1519.333333	2650	
	28	Aluminium	mg/l	Quarterly	2.86	0.04	0.11		4	3	0.04	1.003333333	2.86	
	28	Arsenic	mg/l	Quarterly	0.078	0.013	0.012		4	3	0.012	0.034333333	0.078	
	28	Barium	mg/l	Quarterly	0.114	0.104	0.118		4	3	0.104	0.112	0.118	
	28	Benzene	mg/l	Every 6 months		<1			2	1	0	#DIV/0!	0	
	28	Bicarbonate	mg/l	Quarterly	2420	1020	888		4	3	888	1442.666667	2420	
	28	Biological oxygen Demand	mg/l	Quarterly	44	6	9		4	3	6	19.66666667	44	
	28	Cadmium	mg/l	Quarterly	0.0039	0.002	0.0042		4	3	0.002	0.003666667	0.0042	
	28	Calcium	mg/l	Quarterly	34	214	215		4	3	34	154.3333333	215	
	28	Chemical Oxygen Demand	mg/l	Yearly		185			1	1	185	185	185	
	28	Chloride	mg/l	Quarterly	4200	2000	3790		4	3	2000	3330	4200	
	28	Chlorinated Hydrocarbons	mg/l	Every 6 months		<5			2	1	0	#DIV/0!	0	
	28	Chromium	mg/l	Quarterly	0.037	0.011	0.02		4	3	0.011	0.022666667	0.037	
	28	Conductivity	µS/cm	Quarterly	19200	9870	15000		4	3	9870	14690	19200	
	28	Copper	mg/l	Quarterly	0.033	0.015	0.081		4	3	0.015	0.043	0.081	
	28	Dissolved Oxygen	mg/l	Quarterly	1.1	8.4	6.3		4	3	1.1	5.266666667	8.4	
	28	Fluoride	mg/l	Quarterly	2.5	1.6	1.7		4	3	1.6	1.933333333	2.5	
	28	Lead	mg/l	Quarterly	0.101	0.005	0.011		4	3	0.005	0.039	0.101	
	28	Magnesium	mg/l	Quarterly	194	168	206		4	3	168	189.3333333	206	
	28	Manganese	mg/l	Quarterly	1.29	1.3	0.967		4	3	0.967	1.185666667	1.3	
	28	Mercury	mg/l	Quarterly	<0.0001	<0.0001	<0.0001		4	3	0	#DIV/0!	0	
	28	Nickel	mg/l	Every 6 months		0.219			2	1	0.219	0.219	0.219	
	28	Nitrate	mg/l	Quarterly	0.07	0.03	14.4		4	3	0.03	4.833333333	14.4	
	28	Nitrite	mg/l	Quarterly	<0.01	<0.01	0.02		4	3	0.02	0.02	0.02	
	28	Nitrogen (ammonia)	mg/l	Quarterly	618	26	53.3		4	3	26	232.4333333	618	
	28	Nitrogen (Total)	mg/l	Quarterly	681	29.9	69.1		4	3	29.9	260	681	
	28	Organotin MBT	µg/L	Quarterly	0.041	<0.020	7.75		4	3	0.041	3.8955	7.75	
	28	Organotin DBT	µg/L	Quarterly	<0.010	<0.010	0.16		4	3	0.16	0.16	0.16	
	28	Organotin TBT	µg/L	Quarterly	<0.020	<0.0020			4	2	0	#DIV/0!	0	
	28	pH	pH Unit	Quarterly	8.46	7.39	1080		4	3	7.39	365.2833333	1080	
	28	Phosphorus (total)	mg/l	Quarterly	2.62	0.21	200		4	3	0.21	67.61	200	
	28	Polycyclic aromatic hydrocarbons	mg/l	Every 6 months		<0.5			2	1	0	#DIV/0!	0	
28	Potassium	mg/l	Quarterly	1300	536			4	2	536	918	1300		
28	Redox Potential	mV	Quarterly	17.5	143			4	2	17.5	80.25	143		
28	Selenium	mg/l	Yearly		<0.01	1820.000		1	2	1820	1820	1820		
28	Silica	mg/l	Yearly		27.6	1200.0		1	2	27.6	613.8	1200		
28	Silver	mg/l	Yearly		<0.001			1	1	0	#DIV/0!	0		
28	Sodium	mg/l	Quarterly	2040	1170	8890		4	3	1170	4033.333333	8890		
28	Sulfate	mg/l	Quarterly	958	655	67		4	3	67	560	958		

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	28	Tin	mg/l	Every 6 months		<0.001	<0.10		2	2	0	#DIV/0!	0	
	28	Total Dissolved Solids	mg/l	Quarterly	10200	5770	0.162		4	3	0.162	5323.387333	10200	
	28	Total Organic Carbon	mg/l	Quarterly	240	46			4	2	46	143	240	
	28	Total Phenolics	mg/l	Quarterly	<1.00	<0.05			4	2	0	#DIV/0!	0	
	28	Zinc	mg/l	Quarterly	0.221	0.084			4	2	0.084	0.1525	0.221	
										0				
A2L2	29	Adsorbable Organic Halogens	mg/l	Quarterly	3.5	1	0.75		4	3	0.75	1.75	3.5	
	29	Alkalinity (as calcium Carbonate)	mg/l	Quarterly	2170	1320	1500		4	3	1320	1663.333333	2170	
	29	Aluminium	mg/l	Quarterly	0.25	0.01	0.59		4	3	0.01	0.283333333	0.59	
	29	Arsenic	mg/l	Quarterly	0.635	0.415	0.084		4	3	0.084	0.378	0.635	
	29	Barium	mg/l	Quarterly	0.22	0.125	0.513		4	3	0.125	0.286	0.513	
	29	Benzene	mg/l	Every 6 months		<1			2	1	0	#DIV/0!	0	
	29	Bicarbonate	mg/l	Quarterly	2170	1320	1500		4	3	1320	1663.333333	2170	
	29	Biological oxygen Demand	mg/l	Quarterly	25	28	56		4	3	25	36.33333333	56	
	29	Cadmium	mg/l	Quarterly	0.0003	0.0004	0.0034		4	3	0.0003	0.001366667	0.0034	
	29	Calcium	mg/l	Quarterly	146	203	270		4	3	146	206.3333333	270	
	29	Chemical Oxygen Demand	mg/l	Yearly		408			1	1	408	408	408	
	29	Chloride	mg/l	Quarterly	3970	2230	6680		4	3	2230	4293.333333	6680	
	29	Chlorinated Hydrocarbons	mg/l	Every 6 months		<5			2	1	0	#DIV/0!	0	
	29	Chromium	mg/l	Quarterly	0.026	0.009	0.026		4	3	0.009	0.020333333	0.026	
	29	Conductivity	µS/cm	Quarterly	16300	11200	22800		4	3	11200	16766.66667	22800	
	29	Copper	mg/l	Quarterly	0.003	0.003	0.048		4	3	0.003	0.018	0.048	
	29	Dissolved Oxygen	mg/l	Quarterly	2.8	5.8	4.6		4	4	2.8	4.4	5.8	
	29	Fluoride	mg/l	Quarterly	2.4	2.1	3.2		4	3	2.1	2.566666667	3.2	
	29	Lead	mg/l	Quarterly	0.002	<0.001	0.012		4	3	0.002	0.007	0.012	
	29	Magnesium	mg/l	Quarterly	456	375	283		4	3	283	371.3333333	456	
	29	Manganese	mg/l	Quarterly	1.34	0.692	1.19		4	3	0.692	1.074	1.34	
	29	Mercury	mg/l	Quarterly	<0.0001	<0.0001	<0.0001		4	3	0	#DIV/0!	0	
	29	Nickel	mg/l	Every 6 months		0.138			2	1	0.138	0.138	0.138	
	29	Nitrate	mg/l	Quarterly	0.07	0.03	14.2		4	3	0.03	4.766666667	14.2	
	29	Nitrite	mg/l	Quarterly	<0.01	<0.01	0.05		4	3	0.05	0.05	0.05	
	29	Nitrogen (ammonia)	mg/l	Quarterly	286	174	120		4	3	120	193.3333333	286	
	29	Nitrogen (Total)	mg/l	Quarterly	356	155	140		4	3	140	217	356	
	29	pH	pH Unit	Quarterly	8.17	7.68	7.92		4	3	7.68	7.923333333	8.17	
	29	Phosphorus (total)	mg/l	Quarterly	1.92	1.29	2.28		4	3	1.29	1.83	2.28	
	29	Polycyclic aromatic hydrocarbons	mg/l	Every 6 months		1.5			2	1	1.5	1.5	1.5	
	29	Potassium	mg/l	Quarterly	897	500	1280		4	3	500	892.3333333	1280	
	29	Redox Potential	mV	Quarterly	1.8	146.000	185		4	3	1.8	110.9333333	185	
	29	Selenium	mg/l	Yearly		0.01			1	1	0.01	0.01	0.01	
	29	Silica	mg/l	Yearly		25.6			1	1	25.6	25.6	25.6	
	29	Silver	mg/l	Yearly		<0.001			1	1	0	#DIV/0!	0	
	29	Sodium	mg/l	Quarterly	1860	1340	4240		4	3	1340	2480	4240	
	29	Sulfate	mg/l	Quarterly	1890	1620	944		4	3	944	1484.666667	1890	
	29	Tin	mg/l	Every 6 months		0.019			2	1	0.019	0.019	0.019	
	29	Total Dissolved Solids	mg/l	Quarterly	9850	6700	13700		4	3	6700	10083.33333	13700	
	29	Total Organic Carbon	mg/l	Quarterly	153	113	235		4	3	113	167	235	
	29	Total Phenolics	mg/l	Quarterly	<1.00	<0.05	<0.10		4	3	0	#DIV/0!	0	
	29	Zinc	mg/l	Quarterly	0.015	0.018	0.123		4	3	0.015	0.052	0.123	
	36	Adsorbable Organic Halogens	mg/l	Quarterly	NL	NL	1.3		4	3	1.3	1.3	1.3	
	36	Alkalinity (as calcium Carbonate)	mg/l	Quarterly	NL	NL	2730		4	3	2730	2730	2730	
	36	Aluminium	mg/l	Quarterly	NL	NL	0.54		4	3	0.54	0.54	0.54	
	36	Arsenic	mg/l	Quarterly	NL	NL	0.126		4	3	0.126	0.126	0.126	
	36	Barium	mg/l	Quarterly	NL	NL	1.86		4	3	1.86	1.86	1.86	
	36	Benzene	mg/l	Every 6 months	NL	NL			2	2	0	#DIV/0!	0	
	36	Bicarbonate	mg/l	Quarterly	NL	NL	2730		4	3	2730	2730	2730	
	36	Biological oxygen Demand	mg/l	Quarterly	NL	NL	54		4	3	54	54	54	
	36	Cadmium	mg/l	Quarterly	NL	NL	<0.0010		4	3	0	#DIV/0!	0	
	36	Calcium	mg/l	Quarterly	NL	NL	181		4	3	181	181	181	
	36	Chemical Oxygen Demand	mg/l	Yearly	NL	NL			1	2	0	#DIV/0!	0	
	36	Chloride	mg/l	Quarterly	NL	NL	11800		4	3	11800	11800	11800	
	36	Chlorinated Hydrocarbons	mg/l	Every 6 months	NL	NL			2	2	0	#DIV/0!	0	
	36	Chromium	mg/l	Quarterly	NL	NL	0.078		4	3	0.078	0.078	0.078	
	36	Conductivity	µS/cm	Quarterly	NL	NL	39100		4	3	39100	39100	39100	
	36	Copper	mg/l	Quarterly	NL	NL	<0.010		4	3	0	#DIV/0!	0	
	36	Dissolved Oxygen	mg/l	Quarterly	NL	NL	4.5		4	3	4.5	4.5	4.5	
	36	Fluoride	mg/l	Quarterly	NL	NL	5		4	3	5	5	5	
	36	Lead	mg/l	Quarterly	NL	NL	<0.010		4	3	0	#DIV/0!	0	
	36	Magnesium	mg/l	Quarterly	NL	NL	266		4	3	266	266	266	
	36	Manganese	mg/l	Quarterly	NL	NL	1.02		4	3	1.02	1.02	1.02	
	36	Mercury	mg/l	Quarterly	NL	NL	<0.0001		4	3	0	#DIV/0!	0	

Location Name	EPA Monitoring Point No.	Pollutant	Unit of measure	Frequency	12/03/2024	17/06/2024	28/08/2024	-	No. of samples required by licence	No. of samples collected and analysed	Lowest Sample Value	Mean Sample Value	Highest Sample Value	Comments
A5L1	36	Nickel	mg/l	Every 6 months	NL	NL			2	2	0	#DIV/0!	0	
	36	Nitrate	mg/l	Quarterly	NL	NL	<0.01		4	3	0	#DIV/0!	0	
	36	Nitrite	mg/l	Quarterly	NL	NL	<0.01		4	3	0	#DIV/0!	0	
	36	Nitrogen (ammonia)	mg/l	Quarterly	NL	NL	257		4	3	257	257	257	
	36	Nitrogen (Total)	mg/l	Quarterly	NL	NL	267		4	3	267	267	267	
	36	Organotin MBT	µg/L	Quarterly	NL	NL	0.02		4	3	0.02	0.02	0.02	
	36	Organotin DBT	µg/L	Quarterly	NL	NL	<0.01		4	3	0	#DIV/0!	0	
	36	Organotin TBT	µg/L	Quarterly	NL	NL	<0.006		4	3	0	#DIV/0!	0	
	36	pH	pH Unit	Quarterly	NL	NL	8.04		4	3	8.04	8.04	8.04	
	36	Phosphorus (total)	mg/l	Quarterly	NL	NL	5.58		4	3	5.58	5.58	5.58	
	36	Polycyclic aromatic hydrocarbons	mg/l	Every 6 months	NL	NL			2	2	0	#DIV/0!	0	
	36	Potassium	mg/l	Quarterly	NL	NL	1260		4	3	1260	1260	1260	
	36	Redox Potential	mV	Quarterly	NL	NL	166		4	3	166	166	166	
	36	Selenium	mg/l	Yearly	NL	NL			1	2	0	#DIV/0!	0	
	36	Silica	mg/l	Yearly	NL	NL			1	2	0	#DIV/0!	0	
	36	Silver	mg/l	Yearly	NL	NL			1	2	0	#DIV/0!	0	
	36	Sodium	mg/l	Quarterly	NL	NL	7810		4	3	7810	7810	7810	
	36	Sulfate	mg/l	Quarterly	NL	NL	216		4	3	216	216	216	
	36	Tin	mg/l	Every 6 months	NL	NL			2	2	0	#DIV/0!	0	
36	Total Dissolved Solids	mg/l	Quarterly	NL	NL	23900		4	3	23900	23900	23900		
36	Total Organic Carbon	mg/l	Quarterly	NL	NL	352		4	3	352	352	352		
36	Total Phenolics	mg/l	Quarterly	NL	NL	<0.10		4	3	0	#DIV/0!	0		
36	Zinc	mg/l	Quarterly	NL	NL	<0.052		4	3	0	#DIV/0!	0		
A5L2	37	Adsorbable Organic Halogens	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	37	Alkalinity (as calcium Carbonate)	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	37	Aluminium	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	37	Arsenic	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	37	Barium	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	37	Benzene	mg/l	Every 6 months	NL	NL	NL		2	3	0	#DIV/0!	0	
	37	Bicarbonate	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	37	Biological oxygen Demand	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	37	Cadmium	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	37	Calcium	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	37	Chemical Oxygen Demand	mg/l	Yearly	NL	NL	NL		1	3	0	#DIV/0!	0	
	37	Chloride	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	37	Chlorinated Hydrocarbons	mg/l	Every 6 months	NL	NL	NL		2	3	0	#DIV/0!	0	
	37	Chromium	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	37	Conductivity	µS/cm	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	37	Copper	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	37	Dissolved Oxygen	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	37	Fluoride	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	37	Lead	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	37	Magnesium	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	37	Manganese	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	37	Mercury	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	37	Nickel	mg/l	Every 6 months	NL	NL	NL		2	3	0	#DIV/0!	0	
	37	Nitrate	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	37	Nitrite	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	37	Nitrogen (ammonia)	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	37	Nitrogen (Total)	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	37	pH	pH Unit	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	37	Phosphorus (total)	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	37	Polycyclic aromatic hydrocarbons	mg/l	Every 6 months	NL	NL	NL		2	3	0	#DIV/0!	0	
	37	Potassium	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	37	Redox Potential	mV	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	37	Selenium	mg/l	Yearly	NL	NL	NL		1	3	0	#DIV/0!	0	
37	Silica	mg/l	Yearly	NL	NL	NL		1	3	0	#DIV/0!	0		
37	Silver	mg/l	Yearly	NL	NL	NL		1	3	0	#DIV/0!	0		
37	Sodium	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0		
37	Sulfate	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0		
37	Tin	mg/l	Every 6 months	NL	NL	NL		2	3	0	#DIV/0!	0		
37	Total Dissolved Solids	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0		
37	Total Organic Carbon	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0		
37	Total Phenolics	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0		
37	Zinc	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0		
A5L3	38	Adsorbable Organic Halogens	mg/l	Quarterly	2.4	1.3	1.1		4	3	1.1	1.6	2.4	
	38	Alkalinity (as calcium Carbonate)	mg/l	Quarterly	1990	1320	1910		4	3	1320	1740	1990	
	38	Aluminium	mg/l	Quarterly	0.03	0.02	0.03		4	3	0.02	0.026666667	0.03	
	38	Arsenic	mg/l	Quarterly	0.095	0.175	0.035		4	3	0.035	0.101666667	0.175	

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A4L1	38	Barium	mg/l	Quarterly	0.415	0.222	0.521		4	3	0.222	0.386	0.521	
	38	Benzene	mg/l	Every 6 months		1			2	1	1	1	1	
	38	Bicarbonate	mg/l	Quarterly	1990	1320	1910		4	3	1320	1740	1990	
	38	Biological oxygen Demand	mg/l	Quarterly	46	22	66		4	3	22	44.66666667	66	
	38	Cadmium	mg/l	Quarterly	0.0002	0.0002	<0.0001		4	3	0.0002	0.0002	0.0002	
	38	Calcium	mg/l	Quarterly	200	213	141		4	3	141	184.6666667	213	
	38	Chemical Oxygen Demand	mg/l	Yearly		397			1	1	397	397	397	
	38	Chloride	mg/l	Quarterly	3690	2530	5290		4	3	2530	3836.666667	5290	
	38	Chlorinated Hydrocarbons	mg/l	Every 6 months		<5			2	1	0	#DIV/0!	0	
	38	Chromium	mg/l	Quarterly	0.076	0.012	0.066		4	3	0.012	0.051333333	0.076	
	38	Conductivity	µS/cm	Quarterly	19900	12200	20300		4	3	12200	17466.66667	20300	
	38	Copper	mg/l	Quarterly	0.004	<0.001	0.003		4	3	0.003	0.0035	0.004	
	38	Dissolved Oxygen	mg/l	Quarterly	3.6	3.9	3.7		4	3	3.6	3.733333333	3.9	
	38	Fluoride	mg/l	Quarterly	3.5	1.9	4.3		4	3	1.9	3.233333333	4.3	
	38	Lead	mg/l	Quarterly	0.004	<0.001	0.001		4	3	0.001	0.0025	0.004	
	38	Magnesium	mg/l	Quarterly	159	344	115		4	3	115	206	344	
	38	Manganese	mg/l	Quarterly	1.04	0.726	0.749		4	3	0.726	0.838333333	1.04	
	38	Mercury	mg/l	Quarterly	<0.0001	<0.0001	<0.0001		4	3	0	#DIV/0!	0	
	38	Nickel	mg/l	Every 6 months		0.183			2	1	0.183	0.183	0.183	
	38	Nitrate	mg/l	Quarterly	0.02	0.02	0.17		4	3	0.02	0.07	0.17	
	38	Nitrite	mg/l	Quarterly	0.03	0.01	0.31		4	3	0.01	0.116666667	0.31	
	38	Nitrogen (ammonia)	mg/l	Quarterly	164	166	204		4	3	164	178	204	
	38	Nitrogen (Total)	mg/l	Quarterly	198	168	191		4	3	168	185.6666667	198	
	38	Organotin MBT	µg/L	Quarterly	<0.020	<0.020	<0.02		4	3	0	#DIV/0!	0	
	38	Organotin DBT	µg/L	Quarterly	<0.010	<0.010	<0.01		4	3	0	#DIV/0!	0	
	38	Organotin TBT	µg/L	Quarterly	<0.0030	<0.0020	<0.006		4	3	0	#DIV/0!	0	
	38	pH	pH Unit	Quarterly	7.86	7.73	7.96		4	3	7.73	7.85	7.96	
	38	Phosphorus (total)	mg/l	Quarterly	2.48	1.49	2.31		4	3	1.49	2.093333333	2.48	
	38	Polycyclic aromatic hydrocarbons	mg/l	Every 6 months		1.5000			2	1	1.5	1.5	1.5	
	38	Potassium	mg/l	Quarterly	1780	593	1910		4	3	593	1427.666667	1910	
	38	Redox Potential	mV	Quarterly	44.2	141	132		4	3	44.2	105.7333333	141	
	38	Selenium	mg/l	Yearly		<0.01			1	1	0	#DIV/0!	0	
	38	Silica	mg/l	Yearly		29.3			1	1	29.3	29.3	29.3	
	38	Silver	mg/l	Yearly		<0.001			1	1	0	#DIV/0!	0	
	38	Sodium	mg/l	Quarterly	2470	1540	2740		4	3	1540	2250	2740	
	38	Sulfate	mg/l	Quarterly	1940	1440	853		4	3	853	1411	1940	
	38	Tin	mg/l	Every 6 months		0.012			2	1	0.012	0.012	0.012	
	38	Total Dissolved Solids	mg/l	Quarterly	11700	7200	12200		4	3	7200	10366.66667	12200	
38	Total Organic Carbon	mg/l	Quarterly	142	104	154		4	3	104	133.3333333	154		
38	Total Phenolics	mg/l	Quarterly	<1.00	<0.05	<0.10		4	3	0	#DIV/0!	0		
38	Zinc	mg/l	Quarterly	0.043	0.021	0.015		4	3	0.015	0.026333333	0.043		
A4L2	39	Adsorbable Organic Halogens	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	39	Alkalinity (as calcium Carbonate)	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	39	Aluminium	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	39	Arsenic	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	39	Barium	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	39	Benzene	mg/l	Every 6 months	NL	NL	NL		2	3	0	#DIV/0!	0	
	39	Bicarbonate	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	39	Biological oxygen Demand	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	39	Cadmium	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	39	Calcium	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	39	Chemical Oxygen Demand	mg/l	Yearly	NL	NL	NL		1	3	0	#DIV/0!	0	
	39	Chloride	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	39	Chlorinated Hydrocarbons	mg/l	Every 6 months	NL	NL	NL		2	3	0	#DIV/0!	0	
	39	Chromium	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	39	Conductivity	µS/cm	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	39	Copper	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	39	Dissolved Oxygen	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	39	Fluoride	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	39	Lead	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	39	Magnesium	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	39	Manganese	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	39	Mercury	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	39	Nickel	mg/l	Every 6 months	NL	NL	NL		2	3	0	#DIV/0!	0	
	39	Nitrate	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	39	Nitrite	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	39	Nitrogen (ammonia)	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
39	Nitrogen (Total)	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0		
39	pH	pH Unit	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0		
39	Phosphorus (total)	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0		

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	39	Polycyclic aromatic hydrocarbons	mg/l	Every 6 months	NL	NL	NL		2	3	0	#DIV/0!	0	
	39	Potassium	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	39	Redox Potential	mV	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	39	Selenium	mg/l	Yearly	NL	NL	NL		1	3	0	#DIV/0!	0	
	39	Silica	mg/l	Yearly	NL	NL	NL		1	3	0	#DIV/0!	0	
	39	Silver	mg/l	Yearly	NL	NL	NL		1	3	0	#DIV/0!	0	
	39	Sodium	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	39	Sulfate	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	39	Tin	mg/l	Every 6 months	NL	NL	NL		2	3	0	#DIV/0!	0	
	39	Total Dissolved Solids	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	39	Total Organic Carbon	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	39	Total Phenolics	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	39	Zinc	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	40	Adsorbable Organic Halogens	mg/l	Quarterly	1.8	0.88	0.5		4	3	0.5	1.06	1.8	
	40	Alkalinity (as calcium Carbonate)	mg/l	Quarterly	4070	4480	5440		4	3	4070	4663.333333	5440	
	40	Aluminium	mg/l	Quarterly	0.22	0.08	0.17		4	3	0.08	0.156666667	0.22	
	40	Arsenic	mg/l	Quarterly	0.036	0.061	0.068		4	3	0.036	0.055	0.068	
	40	Barium	mg/l	Quarterly	0.854	0.326	0.682		4	3	0.326	0.620666667	0.854	
	40	Benzene	mg/l	Every 6 months		134			2	1	134	134	134	
	40	Bicarbonate	mg/l	Quarterly	4070	4480	5440		4	3	4070	4663.333333	5440	
	40	Biological oxygen Demand	mg/l	Quarterly	27	226	148		4	3	27	133.6666667	226	
	40	Cadmium	mg/l	Quarterly	0.0001	<0.0001	<0.0001		4	3	0.0001	0.0001	0.0001	
	40	Calcium	mg/l	Quarterly	59	9	22		4	3	9	30	59	
	40	Chemical Oxygen Demand	mg/l	Yearly		4910			1	1	4910	4910	4910	
	40	Chloride	mg/l	Quarterly	2460	976	1590		4	3	976	1675.333333	2460	
	40	Chlorinated Hydrocarbons	mg/l	Every 6 months		<5			2	1	0	#DIV/0!	0	
	40	Chromium	mg/l	Quarterly	0.173	0.052	0.106		4	3	0.052	0.110333333	0.173	
	40	Conductivity	µS/cm	Quarterly	13700	11800	13500		4	3	11800	13000	13700	
	40	Copper	mg/l	Quarterly	0.006	0.004	0.004		4	3	0.004	0.004666667	0.006	
	40	Dissolved Oxygen	mg/l	Quarterly	2.7	3.8	3.1		4	3	2.7	3.2	3.8	
	40	Fluoride	mg/l	Quarterly	0.9	0.3	0.8		4	3	0.3	0.666666667	0.9	
	40	Lead	mg/l	Quarterly	0.002	<0.001	<0.001		4	3	0.002	0.002	0.002	
	40	Magnesium	mg/l	Quarterly	136	31	67		4	3	31	78	136	
	40	Manganese	mg/l	Quarterly	0.267	0.086	0.145		4	3	0.086	0.166	0.267	
	40	Mercury	mg/l	Quarterly	0.0002	<0.0001	<0.0001		4	3	0.0002	0.0002	0.0002	
	40	Nickel	mg/l	Every 6 months		0.038			2	1	0.038	0.038	0.038	
	40	Nitrate	mg/l	Quarterly	<0.10	0.02	6.22		4	3	0.02	3.12	6.22	
	40	Nitrite	mg/l	Quarterly	<0.01	<0.01	<0.10		4	3	0	#DIV/0!	0	
	40	Nitrogen (ammonia)	mg/l	Quarterly	522	1380	1080		4	3	522	994	1380	
	40	Nitrogen (Total)	mg/l	Quarterly	570	2020	1320		4	3	570	1303.333333	2020	
	40	pH	pH Unit	Quarterly	7.92	7.48	8.04		4	3	7.48	7.813333333	8.04	
	40	Phosphorus (total)	mg/l	Quarterly	4.21	1.54	3.27		4	3	1.54	3.006666667	4.21	
	40	Polycyclic aromatic hydrocarbons	mg/l	Every 6 months		<23.8			2	1	0	#DIV/0!	0	
	40	Potassium	mg/l	Quarterly	161	48	157		4	3	48	122	161	
	40	Redox Potential	mV	Quarterly	48.9	140	143		4	3	48.9	110.6333333	143	
	40	Selenium	mg/l	Yearly		<0.01			1	1	0	#DIV/0!	0	
	40	Silica	mg/l	Yearly		281			1	1	281	281	281	
	40	Silver	mg/l	Yearly		<0.001			1	1	0	#DIV/0!	0	
	40	Sodium	mg/l	Quarterly	2190	443	1510		4	3	443	1381	2190	
	40	Sulfate	mg/l	Quarterly	103	<5	<10		4	3	103	103	103	
	40	Tin	mg/l	Every 6 months		0.009			2	1	0.009	0.009	0.009	
	40	Total Dissolved Solids	mg/l	Quarterly	6510	5980	4270		4	3	4270	5586.666667	6510	
	40	Total Organic Carbon	mg/l	Quarterly	237	137	541		4	3	137	305	541	
	40	Total Phenolics	mg/l	Quarterly	<1.00	8.23	0.58		4	3	0.58	4.405	8.23	
	40	Zinc	mg/l	Quarterly	0.024	0.014	0.016		4	3	0.014	0.018	0.024	
										0				
	41	Adsorbable Organic Halogens	mg/l	Quarterly	6.3	6.4	5.6		4	3	5.6	6.1	6.4	
	41	Alkalinity (as calcium Carbonate)	mg/l	Quarterly	12600	11100	32500		4	3	11100	18733.33333	32500	
	41	Aluminium	mg/l	Quarterly	0.18	0.02	<0.10		4	3	0.02	0.1	0.18	
	41	Arsenic	mg/l	Quarterly	0.129	0.074	0.199		4	3	0.074	0.134	0.199	
	41	Barium	mg/l	Quarterly	0.03	0.012	0.041		4	3	0.012	0.027666667	0.041	
	41	Benzene	mg/l	Every 6 months		<1			2	1	0	#DIV/0!	0	
	41	Bicarbonate	mg/l	Quarterly	5000	2480	10500		4	3	2480	5993.333333	10500	
	41	Biological oxygen Demand	mg/l	Quarterly	330	348	4240		4	3	330	1639.333333	4240	
	41	Cadmium	mg/l	Quarterly	0.0011	0.0016	<0.0010		4	3	0.0011	0.00135	0.0016	
	41	Calcium	mg/l	Quarterly	4	10	5		4	3	4	6.333333333	10	
	41	Chemical Oxygen Demand	mg/l	Yearly		2770			1	1	2770	2770	2770	
	41	Chloride	mg/l	Quarterly	5260	5100	13100		4	3	5100	7820	13100	
	41	Chlorinated Hydrocarbons	mg/l	Every 6 months		<5			2	1	0	#DIV/0!	0	
	41	Chromium	mg/l	Quarterly	0.097	0.053	0.18		4	3	0.053	0.11	0.18	

Location Name	EPA Monitoring Point No.	Pollutant	Unit of measure	Frequency	12/03/2024	17/06/2024	28/08/2024	-	No. of samples required by licence	No. of samples collected and analysed	Lowest Sample Value	Mean Sample Value	Highest Sample Value	Comments
A3L1	41	Conductivity	µS/cm	Quarterly	41500	32100	73000		4	3	32100	48866.66667	73000	
	41	Copper	mg/l	Quarterly	0.046	0.072	<0.010		4	3	0.046	0.059	0.072	
	41	Dissolved Oxygen	mg/l	Quarterly	0.7	0.6	4		4	3	0.6	1.766666667	4	
	41	Fluoride	mg/l	Quarterly	10.7	7.5	46.8		4	3	7.5	21.66666667	46.8	
	41	Lead	mg/l	Quarterly	0.015	0.015	0.012		4	3	0.012	0.014	0.015	
	41	Magnesium	mg/l	Quarterly	108	180	46		4	3	46	111.3333333	180	
	41	Manganese	mg/l	Quarterly	0.02	0.069	0.046		4	3	0.02	0.045	0.069	
	41	Mercury	mg/l	Quarterly	0.0012	0.0008	<0.0010		4	3	0.0008	0.001	0.0012	
	41	Nickel	mg/l	Every 6 months		1.58			2	1	1.58	1.58	1.58	
	41	Nitrate	mg/l	Quarterly	<0.10	0.26	0.22		4	3	0.22	0.24	0.26	
	41	Nitrite	mg/l	Quarterly	<0.01	<0.10	<0.10		4	3	0	#DIV/0!	0	
	41	Nitrogen (ammonia)	mg/l	Quarterly	4340	4670	11800		4	3	4340	6936.666667	11800	
	41	Nitrogen (Total)	mg/l	Quarterly	4580	8290	10600		4	3	4580	7823.333333	10600	
	41	Organotin MBT	µg/L	Quarterly	0.031	0.032	<0.05		4	3	0.031	0.0315	0.032	
	41	Organotin DBT	µg/L	Quarterly	0.01	0.012	<0.05		4	3	0.01	0.011	0.012	
	41	Organotin TBT	µg/L	Quarterly	0.042	0.013	<0.2		4	3	0.013	0.0275	0.042	
	41	pH	pH Unit	Quarterly	9.19	9.41	9.92		4	3	9.19	9.506666667	9.92	
	41	Phosphorus (total)	mg/l	Quarterly	17.6	4.97	9.74		4	3	4.97	10.77	17.6	
	41	Polycyclic aromatic hydrocarbons	mg/l	Every 6 months		<0.5			2	1	0	#DIV/0!	0	
	41	Potassium	mg/l	Quarterly	2780	2630	5740		4	3	2630	3716.666667	5740	
	41	Redox Potential	mV	Quarterly	-116	0.7	30.2		4	3	-116	-28.36666667	30.2	
	41	Selenium	mg/l	Yearly		0.11			1	1	0.11	0.11	0.11	
	41	Silica	mg/l	Yearly		85.7			1	1	85.7	85.7	85.7	
	41	Silver	mg/l	Yearly		<0.001			1	1	0	#DIV/0!	0	
	41	Sodium	mg/l	Quarterly	3650	3230	8010		4	3	3230	4963.333333	8010	
	41	Sulfate	mg/l	Quarterly	4630	3960	7670		4	3	3960	5420	7670	
41	Tin	mg/l	Every 6 months		0.012			2	1	0.012	0.012	0.012		
41	Total Dissolved Solids	mg/l	Quarterly	19300	15300	38600		4	3	15300	24400	38600		
41	Total Organic Carbon	mg/l	Quarterly	147	848	3670		4	3	147	1555	3670		
41	Total Phenolics	mg/l	Quarterly	<1.00	4.62	16.6		4	3	4.62	10.61	16.6		
41	Zinc	mg/l	Quarterly	0.245	0.813	0.823		4	3	0.245	0.627	0.823		
L9	43	Adsorbable Organic Halogens	mg/l	Quarterly	NL	NL	NL	NL	4	4	0	#DIV/0!	0	
	43	Alkalinity (as calcium Carbonate)	mg/l	Quarterly	NL	NL	NL	NL	4	4	0	#DIV/0!	0	
	43	Aluminium	mg/l	Quarterly	NL	NL	NL	NL	4	4	0	#DIV/0!	0	
	43	Arsenic	mg/l	Quarterly	NL	NL	NL	NL	4	4	0	#DIV/0!	0	
	43	Barium	mg/l	Quarterly	NL	NL	NL	NL	4	4	0	#DIV/0!	0	
	43	Benzene	mg/l	Every 6 months	NL	NL	NL	NL	2	4	0	#DIV/0!	0	
	43	Bicarbonate	mg/l	Quarterly	NL	NL	NL	NL	4	4	0	#DIV/0!	0	
	43	Biological oxygen Demand	mg/l	Quarterly	NL	NL	NL	NL	4	4	0	#DIV/0!	0	
	43	Cadmium	mg/l	Quarterly	NL	NL	NL	NL	4	4	0	#DIV/0!	0	
	43	Calcium	mg/l	Quarterly	NL	NL	NL	NL	4	4	0	#DIV/0!	0	
	43	Chemical Oxygen Demand	mg/l	Yearly	NL	NL	NL	NL	1	4	0	#DIV/0!	0	
	43	Chloride	mg/l	Quarterly	NL	NL	NL	NL	4	4	0	#DIV/0!	0	
	43	Chlorinated Hydrocarbons	mg/l	Every 6 months	NL	NL	NL	NL	2	4	0	#DIV/0!	0	
	43	Chromium	mg/l	Quarterly	NL	NL	NL	NL	4	4	0	#DIV/0!	0	
	43	Conductivity	µS/cm	Quarterly	NL	NL	NL	NL	4	4	0	#DIV/0!	0	
	43	Copper	mg/l	Quarterly	NL	NL	NL	NL	4	4	0	#DIV/0!	0	
	43	Dissolved Oxygen	mg/l	Quarterly	NL	NL	NL	NL	4	4	0	#DIV/0!	0	
	43	Fluoride	mg/l	Quarterly	NL	NL	NL	NL	4	4	0	#DIV/0!	0	
	43	Lead	mg/l	Quarterly	NL	NL	NL	NL	4	4	0	#DIV/0!	0	
	43	Magnesium	mg/l	Quarterly	NL	NL	NL	NL	4	4	0	#DIV/0!	0	
	43	Manganese	mg/l	Quarterly	NL	NL	NL	NL	4	4	0	#DIV/0!	0	
	43	Mercury	mg/l	Quarterly	NL	NL	NL	NL	4	4	0	#DIV/0!	0	
	43	Nickel	mg/l	Every 6 months	NL	NL	NL	NL	2	4	0	#DIV/0!	0	
	43	Nitrate	mg/l	Quarterly	NL	NL	NL	NL	4	4	0	#DIV/0!	0	
	43	Nitrite	mg/l	Quarterly	NL	NL	NL	NL	4	4	0	#DIV/0!	0	
	43	Nitrogen (ammonia)	mg/l	Quarterly	NL	NL	NL	NL	4	4	0	#DIV/0!	0	
	43	Nitrogen (Total)	mg/l	Quarterly	NL	NL	NL	NL	4	4	0	#DIV/0!	0	
	43	pH	pH Unit	Quarterly	NL	NL	NL	NL	4	4	0	#DIV/0!	0	
	43	Phosphorus (total)	mg/l	Quarterly	NL	NL	NL	NL	4	4	0	#DIV/0!	0	
	43	Polycyclic aromatic hydrocarbons	mg/l	Every 6 months	NL	NL	NL	NL	2	4	0	#DIV/0!	0	
	43	Potassium	mg/l	Quarterly	NL	NL	NL	NL	4	4	0	#DIV/0!	0	
	43	Redox Potential	mV	Quarterly	NL	NL	NL	NL	4	4	0	#DIV/0!	0	
43	Selenium	mg/l	Yearly	NL	NL	NL	NL	1	4	0	#DIV/0!	0		
43	Silica	mg/l	Yearly	NL	NL	NL	NL	1	4	0	#DIV/0!	0		
43	Silver	mg/l	Yearly	NL	NL	NL	NL	1	4	0	#DIV/0!	0		
43	Sodium	mg/l	Quarterly	NL	NL	NL	NL	4	4	0	#DIV/0!	0		
43	Sulfate	mg/l	Quarterly	NL	NL	NL	NL	4	4	0	#DIV/0!	0		
43	Tin	mg/l	Every 6 months	NL	NL	NL	NL	2	4	0	#DIV/0!	0		
43	Total Dissolved Solids	mg/l	Quarterly	NL	NL	NL	NL	4	4	0	#DIV/0!	0		

Monitoring point L9 is no longer available.

Location Name	EPA Monitoring Point No.	Pollutant	Unit of measure	Frequency	12/03/2024	17/06/2024	28/08/2024	-	No. of samples required by licence	No. of samples collected and analysed	Lowest Sample Value	Mean Sample Value	Highest Sample Value	Comments
	43	Total Organic Carbon	mg/l	Quarterly	NL	NL	NL	NL	4	4	0	#DIV/0!	0	
	43	Total Phenolics	mg/l	Quarterly	NL	NL	NL	NL	4	4	0	#DIV/0!	0	
	43	Zinc	mg/l	Quarterly	NL	NL	NL	NL	4	4	0	#DIV/0!	0	
L12	44	Adsorbable Organic Halogens	mg/l	Quarterly	2.6	3.8	3.4		4	3	2.6	3.266666667	3.8	
	44	Alkalinity (as calcium Carbonate)	mg/l	Quarterly	12500	16200	17500		4	3	12500	15400	17500	
	44	Aluminium	mg/l	Quarterly	1.25	1.84	2.48		4	3	1.25	1.856666667	2.48	
	44	Arsenic	mg/l	Quarterly	0.33	0.412	0.559		4	3	0.33	0.433666667	0.559	
	44	Barium	mg/l	Quarterly	0.986	1.46	1.68		4	3	0.986	1.375333333	1.68	
	44	Benzene	mg/l	Every 6 months	11				2	1	11		11	
	44	Bicarbonate	mg/l	Quarterly	12500	16200	17500		4	3	12500	15400	17500	
	44	Biological oxygen Demand	mg/l	Quarterly	79	134	132		4	3	79	115	134	
	44	Cadmium	mg/l	Quarterly	0.0004	0.0002	<0.0010		4	3	0.0002	0.0003	0.0004	
	44	Calcium	mg/l	Quarterly	61	37	31		4	3	31	43	61	
	44	Chemical Oxygen Demand	mg/l	Yearly	5930	5930			1	1	5930	5930	5930	
	44	Chloride	mg/l	Quarterly	3660	4200	4320		4	3	3660	4060	4320	
	44	Chlorinated Hydrocarbons	mg/l	Every 6 months		<5			2	1	0	#DIV/0!	0	
	44	Chromium	mg/l	Quarterly	1.02	1.25	1.55		4	3	1.02	1.273333333	1.55	
	44	Conductivity	µS/cm	Quarterly	27800	34700	33800		4	3	27800	32100	34700	
	44	Copper	mg/l	Quarterly	0.009	0.01	<0.010		4	3	0.009	0.0095	0.01	
	44	Dissolved Oxygen	mg/l	Quarterly	0.2	<0.1	<0.1		4	3	0.2	0.2	0.2	
	44	Fluoride	mg/l	Quarterly	2.2	3.3	3.5		4	3	2.2	3	3.5	
	44	Lead	mg/l	Quarterly	0.005	0.007	<0.010		4	3	0.005	0.006	0.007	
	44	Magnesium	mg/l	Quarterly	245	222	212		4	3	212	226.3333333	245	
	44	Manganese	mg/l	Quarterly	0.306	0.275	0.386		4	3	0.275	0.322333333	0.386	
	44	Mercury	mg/l	Quarterly	<0.0005	<0.0001	<0.0001		4	3	0	#DIV/0!	0	
	44	Nickel	mg/l	Every 6 months		0.371			2	1	0.371	0.371	0.371	
	44	Nitrate	mg/l	Quarterly	<0.10	0.29	0.23		4	3	0.23	0.26	0.29	
	44	Nitrite	mg/l	Quarterly	<0.01	<0.20	<0.10		4	3	0	#DIV/0!	0	
	44	Nitrogen (ammonia)	mg/l	Quarterly	1270	985	1200		4	3	985	1151.666667	1270	
	44	Nitrogen (Total)	mg/l	Quarterly	1420	1340	1400		4	3	1340	1386.666667	1420	
	44	pH	pH Unit	Quarterly	8.07	8.02	8.06		4	3	8.02	8.05	8.07	
	44	Phosphorus (total)	mg/l	Quarterly	24.3	25	37.3		4	3	24.3	28.86666667	37.3	
	44	Polycyclic aromatic hydrocarbons	mg/l	Every 6 months		1.6000			2	1	1.6	1.6	1.6	
	44	Potassium	mg/l	Quarterly	440	470	469		4	3	440	459.6666667	470	
	44	Redox Potential	mV	Quarterly	46.6	41.4	-172		4	3	-172	-28	46.6	
44	Selenium	mg/l	Yearly		<0.01			1	1	0	#DIV/0!	0		
44	Silica	mg/l	Yearly		18.5			1	1	18.5	18.5	18.5		
44	Silver	mg/l	Yearly		<0.001			1	1	0	#DIV/0!	0		
44	Sodium	mg/l	Quarterly	6140	7400	8520		4	3	6140	7353.333333	8520		
44	Sulfate	mg/l	Quarterly	<100	116	<10		4	3	116	116	116		
44	Tin	mg/l	Every 6 months		0.201			2	1	0.201	0.201	0.201		
44	Total Dissolved Solids	mg/l	Quarterly	5930	22300	22900		4	3	5930	17043.33333	22900		
44	Total Organic Carbon	mg/l	Quarterly	20	1770	4030		4	3	20	1940	4030		
44	Total Phenolics	mg/l	Quarterly	<1.00	0.35	0.61		4	3	0.35	0.48	0.61		
44	Zinc	mg/l	Quarterly	0.101	0.111	0.137		4	3	0.101	0.116333333	0.137		
A5B11	52	Adsorbable Organic Halogens	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	52	Alkalinity (as calcium Carbonate)	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	52	Aluminium	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	52	Arsenic	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	52	Barium	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	52	Benzene	mg/l	Every 6 months	NL	NL	NL		2	3	0	#DIV/0!	0	
	52	Bicarbonate	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	52	Biological oxygen Demand	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	52	Cadmium	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	52	Calcium	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	52	Chemical Oxygen Demand	mg/l	Yearly	NL	NL	NL		1	3	0	#DIV/0!	0	
	52	Chloride	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	52	Chlorinated Hydrocarbons	mg/l	Every 6 months	NL	NL	NL		2	3	0	#DIV/0!	0	
	52	Chromium	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	52	Conductivity	µS/cm	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	52	Copper	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	52	Dissolved Oxygen	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	52	Fluoride	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	52	Lead	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	52	Magnesium	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
52	Manganese	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0		
52	Mercury	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0		
52	Nickel	mg/l	Every 6 months	NL	NL	NL		2	3	0	#DIV/0!	0		
52	Nitrate	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0		

Location Name	EPA Monitoring Point No.	Pollutant	Unit of measure	Frequency	12/03/2024	17/06/2024	28/08/2024	-	No. of samples required by licence	No. of samples collected and analysed	Lowest Sample Value	Mean Sample Value	Highest Sample Value	Comments
	52	Nitrite	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	52	Nitrogen (ammonia)	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	52	Nitrogen (Total)	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	52	Organotin MBT	µg/L	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	52	Organotin DBT	µg/L	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	52	Organotin TBT	µg/L	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	52	pH	pH Unit	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	52	Phosphorus (total)	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	52	Polycyclic aromatic hydrocarbons	mg/l	Every 6 months	NL	NL	NL		2	3	0	#DIV/0!	0	
	52	Potassium	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	52	Redox Potential	mV	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	52	Selenium	mg/l	Yearly	NL	NL	NL		1	3	0	#DIV/0!	0	
	52	Silica	mg/l	Yearly	NL	NL	NL		1	3	0	#DIV/0!	0	
	52	Silver	mg/l	Yearly	NL	NL	NL		1	3	0	#DIV/0!	0	
	52	Sodium	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	52	Sulfate	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	52	Tin	mg/l	Every 6 months	NL	NL	NL		2	3	0	#DIV/0!	0	
	52	Total Dissolved Solids	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	52	Total Organic Carbon	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	52	Total Phenolics	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	52	Zinc	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	53	Adsorbable Organic Halogens	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	53	Alkalinity (as calcium Carbonate)	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	53	Aluminium	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	53	Arsenic	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	53	Barium	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	53	Benzene	mg/l	Every 6 months	NL	NL	NL		2	3	0	#DIV/0!	0	
	53	Bicarbonate	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	53	Biological oxygen Demand	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	53	Cadmium	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	53	Calcium	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	53	Chemical Oxygen Demand	mg/l	Yearly	NL	NL	NL		1	3	0	#DIV/0!	0	
	53	Chloride	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	53	Chlorinated Hydrocarbons	mg/l	Every 6 months	NL	NL	NL		2	3	0	#DIV/0!	0	
	53	Chromium	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	53	Conductivity	µS/cm	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	53	Copper	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	53	Dissolved Oxygen	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	53	Fluoride	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	53	Lead	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	53	Magnesium	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	53	Manganese	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	53	Mercury	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	53	Nickel	mg/l	Every 6 months	NL	NL	NL		2	3	0	#DIV/0!	0	
	53	Nitrate	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	53	Nitrite	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	53	Nitrogen (ammonia)	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	53	Nitrogen (Total)	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	53	pH	pH Unit	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	53	Phosphorus (total)	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	53	Polycyclic aromatic hydrocarbons	mg/l	Every 6 months	NL	NL	NL		2	3	0	#DIV/0!	0	
	53	Potassium	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	53	Redox Potential	mV	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	53	Selenium	mg/l	Yearly	NL	NL	NL		1	3	0	#DIV/0!	0	
	53	Silica	mg/l	Yearly	NL	NL	NL		1	3	0	#DIV/0!	0	
	53	Silver	mg/l	Yearly	NL	NL	NL		1	3	0	#DIV/0!	0	
	53	Sodium	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	53	Sulfate	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	53	Tin	mg/l	Every 6 months	NL	NL	NL		2	3	0	#DIV/0!	0	
	53	Total Dissolved Solids	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	53	Total Organic Carbon	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	53	Total Phenolics	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
	53	Zinc	mg/l	Quarterly	NL	NL	NL		4	3	0	#DIV/0!	0	
A5BL2	55	Adsorbable Organic Halogens	mg/l	Quarterly	0.63	1.3	1.2		4	3	0.63	1.043333333	1.3	
	55	Alkalinity (as calcium Carbonate)	mg/l	Quarterly	3720	6450	5440		4	3	3720	5203.333333	6450	
	55	Aluminium	mg/l	Quarterly	0.42	0.46	0.7		4	3	0.42	0.526666667	0.7	
	55	Arsenic	mg/l	Quarterly	0.034	0.051	0.073		4	3	0.034	0.052666667	0.073	
	55	Barium	mg/l	Quarterly	0.428	0.884	1.1		4	3	0.428	0.804	1.1	
	55	Benzene	mg/l	Every 6 months		21			2	1	21	21	21	

Location Name	EPA Monitoring Point No.	Pollutant	Unit of measure	Frequency	12/03/2024	17/06/2024	28/08/2024	-	No. of samples required by licence	No. of samples collected and analysed	Lowest Sample Value	Mean Sample Value	Highest Sample Value	Comments
L13	55	Bicarbonate	mg/l	Quarterly	3720	6450	5440		4	3	3720	5203.333333	6450	
	55	Biological oxygen Demand	mg/l	Quarterly	48	62	64		4	3	48	58	64	
	55	Cadmium	mg/l	Quarterly	<0.0001	<0.0001	<0.0001		4	3	0	#DIV/0!	0	
	55	Calcium	mg/l	Quarterly	159	62	224		4	3	62	148.3333333	224	
	55	Chemical Oxygen Demand	mg/l	Yearly		2300			1	1	2300	2300	2300	
	55	Chloride	mg/l	Quarterly	1370	3700	2310		4	3	1370	2460	3700	
	55	Chlorinated Hydrocarbons	mg/l	Every 6 months		<5			2	1	0	#DIV/0!	0	
	55	Chromium	mg/l	Quarterly	0.226	0.42	0.507		4	3	0.226	0.384333333	0.507	
	55	Conductivity	µS/cm	Quarterly	10100	20800	15400		4	3	10100	15433.33333	20800	
	55	Copper	mg/l	Quarterly	0.009	0.004	0.006		4	3	0.004	0.006333333	0.009	
	55	Dissolved Oxygen	mg/l	Quarterly	4	4.6	2.3		4	3	2.3	3.633333333	4.6	
	55	Fluoride	mg/l	Quarterly	0.6	1.3	0.8		4	3	0.6	0.9	1.3	
	55	Lead	mg/l	Quarterly	0.001	0.002	0.004		4	3	0.001	0.002333333	0.004	
	55	Magnesium	mg/l	Quarterly	95	207	223		4	3	95	175	223	
	55	Manganese	mg/l	Quarterly	0.744	0.504	0.572		4	3	0.504	0.606666667	0.744	
	55	Mercury	mg/l	Quarterly	<0.0001	<0.0001	<0.0001		4	3	0	#DIV/0!	0	
	55	Nickel	mg/l	Every 6 months		0.2			2	1	0.2	0.2	0.2	
	55	Nitrate	mg/l	Quarterly	<0.10	0.21	<0.10		4	3	0.21	0.21	0.21	
	55	Nitrite	mg/l	Quarterly	<0.01	<0.10	<0.10		4	3	0	#DIV/0!	0	
	55	Nitrogen (ammonia)	mg/l	Quarterly	337	341	552		4	3	337	410	552	
	55	Nitrogen (Total)	mg/l	Quarterly	434	489	637		4	3	434	520	637	
	55	pH	pH Unit	Quarterly	7.92	7.73	8.03		4	3	7.73	7.893333333	8.03	
	55	Phosphorus (total)	mg/l	Quarterly	4.88	6.62	9.34		4	3	4.88	6.946666667	9.34	
	55	Polycyclic aromatic hydrocarbons	mg/l	Every 6 months		6.1			2	1	6.1	6.1	6.1	
	55	Potassium	mg/l	Quarterly	197	194	343		4	3	194	244.6666667	343	
	55	Redox Potential	mV	Quarterly	50.8	72.2	103		4	3	50.8	75.33333333	103	
	55	Selenium	mg/l	Yearly		<0.01			1	1	0	#DIV/0!	0	
	55	Silica	mg/l	Yearly		1.2			1	1	1.2	1.2	1.2	
	55	Silver	mg/l	Yearly		<0.001			1	1	0	#DIV/0!	0	
	55	Sodium	mg/l	Quarterly	1450	2800	3000		4	3	1450	2416.666667	3000	
55	Sulfate	mg/l	Quarterly	<10	<10	<10		4	3	0	#DIV/0!	0		
55	Tin	mg/l	Every 6 months		0.113			2	1	0.113	0.113	0.113		
55	Total Dissolved Solids	mg/l	Quarterly	5820	12300	7240		4	3	5820	8453.333333	12300		
55	Total Organic Carbon	mg/l	Quarterly	309	430	355		4	3	309	364.6666667	430		
55	Total Phenolics	mg/l	Quarterly	<1.00	0.15	<0.20		4	3	0.15	0.15	0.15		
55	Zinc	mg/l	Quarterly	0.057	0.03	0.046		4	3	0.03	0.044333333	0.057		
F4	62	Adsorbable Organic Halogens	mg/l	Quarterly	1.2	0.83	1.3		4	3	0.83	1.11	1.3	
	62	Alkalinity (as calcium Carbonate)	mg/l	Quarterly	3780	4770	4560		4	3	3780	4370	4770	
	62	Aluminium	mg/l	Quarterly	0.43	0.47	0.04		4	3	0.04	0.313333333	0.47	
	62	Arsenic	mg/l	Quarterly	0.042	0.047	<0.001		4	3	0.042	0.0445	0.047	
	62	Barium	mg/l	Quarterly	0.464	0.543	<0.001		4	3	0.464	0.5035	0.543	
	62	Benzene	mg/l	Every 6 months		6			2	1	6	6	6	
	62	Bicarbonate	mg/l	Quarterly	3780	4770	4560		4	3	3780	4370	4770	
	62	Biological oxygen Demand	mg/l	Quarterly	43	47	45		4	3	43	45	47	
	62	Cadmium	mg/l	Quarterly	<0.0001	<0.0001	<0.0001		4	3	0	#DIV/0!	0	
	62	Calcium	mg/l	Quarterly	152	228	157		4	3	152	179	228	
	62	Chemical Oxygen Demand	mg/l	Yearly		1310			1	1	1310	1310	1310	
	62	Chloride	mg/l	Quarterly	1590	1500	1990		4	3	1500	1693.333333	1990	
	62	Chlorinated Hydrocarbons	mg/l	Every 6 months		<5			2	1	0	#DIV/0!	0	
	62	Chromium	mg/l	Quarterly	0.233	0.235	<0.001		4	3	0.233	0.234	0.235	
	62	Conductivity	µS/cm	Quarterly	11000	13200	13000		4	3	11000	12400	13200	
	62	Copper	mg/l	Quarterly	0.002	0.004	<0.001		4	3	0.002	0.003	0.004	
	62	Dissolved Oxygen	mg/l	Quarterly	3.1	6	3.1		4	3	3.1	4.066666667	6	
	62	Fluoride	mg/l	Quarterly	0.7	0.7	0.7		4	3	0.7	0.7	0.7	
	62	Lead	mg/l	Quarterly	<0.001	0.001	<0.001		4	3	0.001	0.001	0.001	
	62	Magnesium	mg/l	Quarterly	109	169	141		4	3	109	139.6666667	169	
	62	Manganese	mg/l	Quarterly	0.715	0.623	<0.001		4	3	0.623	0.669	0.715	
	62	Mercury	mg/l	Quarterly	<0.0001	<0.0001	<0.0001		4	3	0	#DIV/0!	0	
	62	Nickel	mg/l	Every 6 months		0.113			2	1	0.113	0.113	0.113	
	62	Nitrate	mg/l	Quarterly	<0.10	0.32	<0.10		4	3	0.32	0.32	0.32	
	62	Nitrite	mg/l	Quarterly	<0.01	<0.10	<0.10		4	3	0	#DIV/0!	0	
	62	Nitrogen (ammonia)	mg/l	Quarterly	332	422	512		4	3	332	422	512	
	62	Nitrogen (Total)	mg/l	Quarterly	484	549	514		4	3	484	515.6666667	549	
	62	pH	pH Unit	Quarterly	7.94	7.62	8.03		4	3	7.62	7.863333333	8.03	
	62	Phosphorus (total)	mg/l	Quarterly	4.25	4.64	3.11		4	3	3.11	4	4.64	
	62	Polycyclic aromatic hydrocarbons	mg/l	Every 6 months		13.7000			2	1	13.7	13.7	13.7	
62	Potassium	mg/l	Quarterly	214	293	234		4	3	214	247	293		
62	Redox Potential	mV	Quarterly	56	82.6	116		4	3	56	84.86666667	116		
62	Selenium	mg/l	Yearly		<0.01			1	1	0	#DIV/0!	0		
62	Silica	mg/l	Yearly		42.5			1	1	42.5	42.5	42.5		

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	62	Silver	mg/l	Yearly		<0.001			1	1	0	#DIV/0!	0	
	62	Sodium	mg/l	Quarterly	1860	2050	1820		4	3	1820	1910	2050	
	62	Sulfate	mg/l	Quarterly	<10	<10	<10		4	3	0	#DIV/0!	0	
	62	Tin	mg/l	Every 6 months		0.085			2	1	0.085	0.085	0.085	
	62	Total Dissolved Solids	mg/l	Quarterly	14600	6470	6510		4	3	6470	9193.333333	14600	
	62	Total Organic Carbon	mg/l	Quarterly	336	62	421		4	3	62	273	421	
	62	Total Phenolics	mg/l	Quarterly	<1.00	0.1	<0.20		4	3	0.1	0.1	0.1	
	62	Zinc	mg/l	Quarterly	0.044	0.056	<0.005		4	3	0.044	0.05	0.056	

Comments:

"NL" - No leachate available for sampling

"-" Monitoring data not available yet, monitoring yet to be conducted.