Bogan Council
Nyngan Waste Facility
Caronba Road, Nyngan NSW
EPL 20471

Sampling Point 1 (MW7) Leachate Pond

Sampling Frequency (where liquid is present)			Biannual	Annual	Annual	Annual	Annual	Annual	Biannual	Biannual	Annual	Annual	Biannual	Annual	Annual	Annual	Annual	Biannual	Annual	Annual	Biannual	Biannual	Annual	Annual	Biannual	Annual	Biannual	Biannual	Biannual	Annual	Biannual	Biannual	Annual	Annual	Annual
Date Sampled	Date Obtained	Date Published	Total Alkalinity as CaCO3 (mg/L)	Aluminium (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Benzene (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Electrical Conductivity (µS/cm)	Copper (mg/L)	Ethylbenzene (mg/L)	Fluoride (mg/L)	Lead (mg/L)	Magnesium (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Nitrate + Nitrite (mg/NL)	Ammonia as N (mg/NL)	Organochlorine Pesticides (mg/L)	Organophosphorus Pesticides (mg/L)	pH (pH units)	Polynuclear Aromatic Hydrocarbons (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Standing Water Level (m)	Sulfate (mg/L)	Toluene (mg/L)	Total Dissolved Solids (mg/L)	Total Organic Carbon (mg/L)	Total Petroleum Hydrocarbon s (mg/L)	Phenolic Compounds (mg/L)	Xylene (mg/L)	Zinc (mg/L)
21-May-18	Dry	6/11/2019																																	
26-Jun-19	Dry	6/11/2019																																	
23-Sep-19	Dry	6/11/2019																																	
11-Dec-19	Dry	14/07/2020																																	
25-Mar-20	Dry	14/07/2020																																	
1-Jul-20	Dry	20/07/2020																																	
17-Sep-20	Dry	9/10/2020																																	

Sampling Point 2 (MW1) Groundwater

Sampling Frequency (where liquid is present)			Quarterly	Annual	Annual	Annual	Annual	Annual	Quarterly	Quarterly	Annual	Quarterly	Quarterly	Annual	Annual	Annual	Annual	Quarterly	Annual	Quarterly	Quarterly	Annual	Annual	Quarterly	Annual	Quarterly	Quarterly	Quarterly	Quarterly	Annual	Quarterly	Quarterly	Annual	Annual	Annual
Date Sampled	Date Obtained	Date Published	Total Alkalinity as CaCO3 (mg/L)	Aluminium (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Benzene (µg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Electrical Conductivity (µS/cm)	Copper (mg/L)	Ethylbenzene (mg/L)	Fluoride (mg/L)	Lead (mg/L)	Magnesium (mg/L)	Manganese (mg/L)	Nitrate + Nitrite (mg/NL)	Ammonia as N (mg/NL)	Organochlorine Pesticides (mg/L)	Organophosphorus Pesticides (mg/L)	pH (pH units)	Polynuclear Aromatic Hydrocarbons (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Standing Water Level (m)	Sulfate (mg/L)	Toluene (µg/L)	Total Dissolved Solids (mg/L)	Total Organic Carbon (mg/L)	Total Petroleum Hydrocarbon s (mg/L)	Phenolic Compounds (mg/L)	Xylene (µg/L)	Zinc (mg/L)
21-May-19	25-Jun-19	6/11/2019	590	0.51	< 0.001	0.029	< 0.5	< 0.01	1000	18000	0.001	0.00	49000	< 0.04	< 0.5	< 10	< 0.001	1600	0.06	< 0.005	0.03	< 0.003	< 0.004	6.9	< 0.001	120	8800	16.83	5100	< 0.5	39000	13	2.10	< 0.01	< 1.5	< 0.2
26-Jun-19	21-Aug-19	6/11/2019	570	-	-	-	-	-	990	19000	-	0.01	62000	-	-	-	-	1700	-	< 0.005	0.02	-	-	6.6	-	85	10000	16.58	5100	-	40000	4	-	-	-	-
23-Sep-19	21-Oct-19	6/11/2019	590	-	-	-	-	-	1100	19000	-	< 0.001	59000	-	-	-	-	1900	-	0.03	0.39	-	-	6.6	-	110	11000	16.64	5100	-	36000	2	-	-	-	-
11-Dec-19	14-Feb-20	14/07/2020	630	-	-	-	-	-	1100	19000	-	< 0.001	52000	-	-	-	-	1700	-	0.13	< 0.1	-	-	7	-	52	9400	16.59	5200	-	43000	3	-	-	-	-
25-Mar-20	7-May-20	14/07/2020	640	-	-	-	-	-	1000	19000	-	< 0.001	46000	-	-	-	-	1600	-	< 0.005	< 0.1	-	-	7	-	49	9600	16.65	5100	-	42000	2	-	-	-	-
1-Jul-20	14-Jul-20	20/07/2020	530	<0.005	< 0.001	0.028	<0.0005	0.0009	1000	19000	<0.010	< 0.001	50000	0.014	<0.0005	0.51	<0.001	1600	0.03	0.02	<0.05	< 0.003	< 0.004	7	<0.001	45	9500	17.17	5200	<0.0005	42000	2	0.53	0.03	<0.0015	0.18
17-Sep-20	25-Sep-20	9/10/2020	626						1060	15600			51000					1710		0.11	<0.10			7.14		45.00	9860.00	17.11	4560		38100	4				
27-Sep-20	7-Oct-20	16/10/2020	654						1090	19190			36800					1690		0.14	<0.1			7.32		47	9710	17.4	4320		43200	4				

Sampling Point 3 (MW2) Groundwater

Sampling Frequency (where liquid is present)			Quarterly	Annual	Annual	Annual	Annual	Annual	Quarterly	Quarterly	Annual	Quarterly	Quarterly	Annual	Annual	Annual	Annual	Quarterly	Annual	Quarterly	Quarterly	Annual	Annual	Quarterly	Annual	Quarterly	Quarterly	Quarterly	Quarterly	Annual	Quarterly	Quarterly	Annual	Annual	Annual
Date Sampled	Date Obtained	Date Published	Total Alkalinity as CaCO3 (mg/L)	Aluminium (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Benzene (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Electrical Conductivity (µS/cm)	Copper (mg/L)	Ethylbenzene (mg/L)	Fluoride (mg/L)	Lead (mg/L)	Magnesium (mg/L)	Manganese (mg/L)	Nitrate + Nitrite (mg/NL)	Ammonia as N (mg/NL)	Organochlorine Pesticides (mg/L)	Organophosphorus Pesticides (mg/L)	pH (pH units)	Polynuclear Aromatic Hydrocarbons (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Standing Water Level (m)	Sulfate (mg/L)	Toluene (mg/L)	Total Dissolved Solids (mg/L)	Total Organic Carbon (mg/L)	Total Petroleum Hydrocarbon s (mg/L)	Phenolic Compounds (mg/L)	Xylene (mg/L)	Zinc (mg/L)
21-May-19	25-Jun-19	6/11/2019	310	0.39	< 0.001	0.026	< 0.5	< 0.01	690	14000	0.001	0.00	37000	< 0.04	< 0.5	< 2	< 0.001	1200	0.16	< 0.005	< 0.16	< 0.003	< 0.004	7	< 0.001	88	6400	16.58	3900	< 0.5	34000	2	< 0.5	< 0.01	< 1.5	< 0.2
26-Jun-19	21-Aug-19	6/11/2019	300	-	-	-	-	-	490	14000	-	0.008	50000	-	-	-	-	1300	-	0.16	0.03	-	-	6.8	-	65	7600	16.61	3500	-	28000	2	-	-	-	-
23-Sep-19	21-Oct-19	6/11/2019	300	-	-	-	-	-	620	14000	-	< 0.001	44000	-	-	-	-	1400	-	0.25	< 0.1	-	-	6.7	-	80	7700	16.64	3600	-	27000	2	-	-	-	-
11-Dec-19	14-Feb-20	14/07/2020	330	-	-	-	-	-	720	13000	-	< 0.001	39000	-	-	-	-	1200	-	0.26	< 0.1	-	-	7.2	-	41	6800	16.63	3500	-	30000	2	-	-	-	-
25-Mar-20	7-May-20	14/07/2020	340	-	-	-	-	-	710	13000	-	0.003	35000	-	-	-	-	1100	-	0.51	0.18	-	-	7	-	39	6800	16.65	3400	-	30000	3	-	-	-	-
1-Jul-20	14-Jul-20	20/07/2020	280	0.007	0.002	0.055	<0.0005	0.0005	740	14000	<0.010	0.01	38000	0.002	<0.0005	0.58	<0.001	1200	1.30	0.19	<0.05	< 0.003	< 0.004	7	<0.001	37	7000	17.24	3700	<0.0005	29000	2	<0.320	<0.01	<0.0015	0.08
17-Sep-20	25-Sep-20	9/10/2020	350						776	11900			38200					1270		0.44	<0.10			7.42		39.00	7250.00	17.21	3500		27800	<1				
27-Sep-20	7-Oct-20	16/10/2020	358						775	13000			28800					1240		0.47	0.38			7.14		37	7070	17.3	3160		29700	2				

Sampling Point 4 (MW3) Groundwater

Sampling Frequency (where liquid is present)			Quarterly	Annual	Annual	Annual	Annual	Annual	Quarterly	Quarterly	Annual	Quarterly	Quarterly	Annual	Annual	Annual	Annual	Quarterly	Annual	Quarterly	Quarterly	Annual	Annual	Quarterly	Annual	Quarterly	Quarterly	Quarterly	Quarterly	Annual	Quarterly	Quarterly	Annual	Annual	Annual
Date Sampled	Date Obtained	Date Published	Total Alkalinity as CaCO3 (mg/L)	Aluminium (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Benzene (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Electrical Conductivity (µS/cm)	Copper (mg/L)	Ethylbenzene (mg/L)	Fluoride (mg/L)	Lead (mg/L)	Magnesium (mg/L)	Manganese (mg/L)	Nitrate + Nitrite (mg/NL)	Ammonia as N (mg/NL)	Organochlorine Pesticides (mg/L)	Organophosphorus Pesticides (mg/L)	pH (pH units)	Polynuclear Aromatic Hydrocarbons (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Standing Water Level (m)	Sulfate (mg/L)	Toluene (mg/L)	Total Dissolved Solids (mg/L)	Total Organic Carbon (mg/L)	Total Petroleum Hydrocarbon s (mg/L)	Phenolic Compounds (mg/L)	Xylene (mg/L)	Zinc (mg/L)
21-May-19	25-Jun-19	6/11/2019	320	0.42	0.004	0.031	< 0.5	< 0.01	680	13000	0.001	0.01	37000	< 0.04	< 0.5	< 5	< 0.001	1200	0.23	0.01	1.10	< 0.003	< 0.004	6.9	< 0.001	78	6800	16.82	4200	< 0.5	29000	3	< 0.5	< 0.01	< 1.5	< 0.2
26-Jun-19	21-Aug-19	6/11/2019	320	-	-	-	-	-	480	14000	-	0.016	62000	-	-	-	-	1200	-	0.3	0.02	-	-	6.6	-	62	7700	16.69	4000	-	29000	1.7	-	-	-	-
23-Sep-19	21-Oct-19	6/11/2019	320	-	-	-	-	-	710	14000	-	0.00	44000	-	-	-	-	1400	-	0.30	< 0.1	-	-	6.6	-	71	8000	16.78	4100	-	27000	3	-	-	-	-
11-Dec-19	14-Feb-20	14/07/2020	360	-	-	-	-	-	720	14000	-	0.00	39000	-	-	-	-	1200	-	0.56	< 0.1	-	-	7.1	-	36	7000	16.62	3800	-	30000	2	-	-	-	-
25-Mar-20	7-May-20	14/07/2020	320	-	-	-	-	-	710	13000	-	0.00	35000	-	-	-	-	1100	-	0.31	0.14	-	-	7	-	35	7000	16.69	3800	-	30000	1	-	-	-	-
1-Jul-20	14-Jul-20	20/07/2020	280	<0.005	0.001	0.027	<0.0005	0.001	720	13000	<0.010	0.00	38000	0.002	<0.0005	0.53	<0.001	1200	0.02	0.32	<0.05	< 0.003	< 0.004	7	<0.001	34	7300	17.41	4200	<0.0005	29000	2	<0.320	<0.01	<0.0015	0.25
17-Sep-20	25-Sep-20	9/10/2020	351						734	11800			38700					1170		0.44	0.75			7.15		34	7050	17.27	3790		26600	<1				
27-Sep-20	7-Oct-20	16/10/2020	354						752	12990			28800					1210		0.46	0.17			7.13		33	7080	17.47	3430		29800	2				

Sampling Point 5 (MW4) Groundwater

Sampling Frequency (where liquid is present)			Quarterly	Annual	Annual	Annual	Annual	Annual	Quarterly	Quarterly	Annual	Quarterly	Quarterly	Annual	Annual	Annual	Annual	Quarterly	Annual	Quarterly	Quarterly	Annual	Annual	Quarterly	Annual	Quarterly	Quarterly	Quarterly	Quarterly	Annual	Quarterly	Quarterly	Annual	Annual	Annual
Date Sampled	Date Obtained	Date Published	Total Alkalinity as CaCO3 (mg/L)	Aluminium (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Benzene (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Electrical Conductivity (µS/cm)	Copper (mg/L)	Ethylbenzene (mg/L)	Fluoride (mg/L)	Lead (mg/L)	Magnesium (mg/L)	Manganese (mg/L)	Nitrate + Nitrite (mg/NL)	Ammonia as N (mg/NL)	Organochlorine Pesticides (mg/L)	Organophosphorus Pesticides (mg/L)	pH (pH units)	Polynuclear Aromatic Hydrocarbons (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Standing Water Level (m)	Sulfate (mg/L)	Toluene (mg/L)	Total Dissolved Solids (mg/L)	Total Organic Carbon (mg/L)	Total Petroleum Hydrocarbon s (mg/L)	Phenolic Compounds (mg/L)	Xylene (mg/L)	Zinc (mg/L)
21-May-19	25-Jun-19	6/11/2019	320	< 0.2	0.002	0.14	< 0.5	< 0.01	340	6700	0.001	0.00	20000	< 0.04	< 0.5	< 2	< 0.001	420	0.66	< 0.005	< 0.01	< 0.003	< 0.004	7.2	< 0.001	38	3600	16.56	1700	< 0.5	13000	11	< 0.5	< 0.01	< 1.5	< 0.2
26-Jun-19	21-Aug-19	6/11/2019	280	-	-	-	-	-	350	9200	-	0.009	40000	-	-	-	-	490	-	0.14	0.02	-	-	6.8	-	44	5100	16.67	2300	-	19000	3.8	-	-	-	-
23-Sep-19	21-Oct-19	6/11/2019	290	-	-	-	-	-	620	12000	-	0.00	39000	-	-	-	-	1100	-	0.05	< 0.1	-	-	6.7	-	67	6900	16.68	3100	-	23000	3	-	-	-	-
11-Dec-19	14-Feb-20	14/07/2020	310	-	-	-	-	-	560	11000	-	< 0.001	32000	-	-	-	-	870	-	0.12	< 0.1	-	-	7.2	-	31	5700	16.6	2800	-	23000	6	-	-	-	-
25-Mar-20	7-May-20	14/07/2020	280	-	-	-	-	-	620	11000	-	< 0.001	32000	-	-	-	-	920	-	0.08	0.11	-	-	7.1	-	34	6400	16.77	3200	-	28000	6	-	-	-	-
1-Jul-20	14-Jul-20	20/07/2020	280	<0.005	< 0.001	0.11	<0.0005	0.0015	650	12000	<0.010	< 0.001	35000	0.014	<0.0005	0.35	<0.001	980	0.04	0.16	<0.05	< 0.003	< 0.004	7.2	<0.001	33	6600	16.1	3400	<0.0005	27000	3	<0.320	<0.01	<0.0015	0.19
17-Sep-20	25-Sep-20	9/10/2020	329						684	10900			35800					1050		0.13	1.38			7.45		34	6880	17.14	3370		23000	2				
27-Sep-20	7-Oct-20	16/10/2020	346						684	12400			26700					1020		0.36	2.18			7.05		33	6650	17.17	2990		26800	2				

Sampling Point 6 (MW5) Groundwater

Sampling Frequency (where liquid is present)			Quarterly	Annual	Annual	Annual	Annual	Annual	Quarterly	Quarterly	Annual	Quarterly	Quarterly	Annual	Annual	Annual	Annual	Quarterly	Annual	Quarterly	Quarterly	Annual	Annual	Quarterly	Annual	Quarterly	Quarterly	Quarterly	Quarterly	Annual	Quarterly	Quarterly	Annual	Annual	Annual
Date Sampled	Date Obtained	Date Published	Total Alkalinity as CaCO3 (mg/L)	Aluminium (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Benzene (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Electrical Conductivity (µS/cm)	Copper (mg/L)	Ethylbenzene (mg/L)	Fluoride (mg/L)	Lead (mg/L)	Magnesium (mg/L)	Manganese (mg/L)	Nitrate + Nitrite (mg/NL)	Ammonia as N (mg/NL)	Organochlorine Pesticides (mg/L)	Organophosphorus Pesticides (mg/L)	pH (pH units)	Polynuclear Aromatic Hydrocarbons (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Standing Water Level (m)	Sulfate (mg/L)	Toluene (mg/L)	Total Dissolved Solids (mg/L)	Total Organic Carbon (mg/L)	Total Petroleum Hydrocarbon s (mg/L)	Phenolic Compounds (mg/L)	Xylene (mg/L)	Zinc (mg/L)
21-May-19	Damaged	6/11/2019																																	
26-Jun-19	Damaged	6/11/2019																																	
23-Sep-19	Damaged	6/11/2019																																	
11-Dec-19	Damaged	14/07/2020																																	
11-Dec-19	Damaged	14/07/2020																																	
1-Jul-20	14-Jul-20	20/07/2020	180	0.006	< 0.001	0.1	<0.0005	0.0002	410	7200	0.076	0.01	22000	0.001	<0.0005	0.46	<0.001	540	1.70	0.07	<0.05	< 0.003	< 0.004	8.2	<0.001	81	4100	16.95	2200	<0.0005	17000	5	<0.320	<0.01	<0.0015	<0.050
17-Sep-20	25-Sep-20	9/10/2020	242						743	10500			34200					861		<0.01	0.20			7.83		54.00	4590	17.24	3280		23300	2				
27-Sep-20	7-Oct-20	16/10/2020	359						746	13000			26700					1070		<0.01	0.58			7.06		45	7000	17.2	3280		23800	<1				

Sampling Point 7 (MW6) Groundwater

Sampling Frequency (where liquid is present)			Quarterly	Annual	Annual	Annual	Annual	Annual	Quarterly	Quarterly	Annual	Quarterly	Quarterly	Annual	Annual	Annual	Annual	Quarterly	Annual	Quarterly	Quarterly	Annual	Annual	Quarterly	Annual	Quarterly	Quarterly	Quarterly	Quarterly	Annual	Quarterly	Quarterly	Annual	Annual	Annual
Date Sampled	Date Obtained	Date Published	Total Alkalinity as CaCO3 (mg/L)	Aluminium (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Benzene (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Electrical Conductivity (µS/cm)	Copper (mg/L)	Ethylbenzene (mg/L)	Fluoride (mg/L)	Lead (mg/L)	Magnesium (mg/L)	Manganese (mg/L)	Nitrate + Nitrite (mg/NL)	Ammonia as N (mg/NL)	Organochlorine Pesticides (mg/L)	Organophosphorus Pesticides (mg/L)	pH (pH units)	Polynuclear Aromatic Hydrocarbons (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Standing Water Level (m)	Sulfate (mg/L)	Toluene (mg/L)	Total Dissolved Solids (mg/L)	Total Organic Carbon (mg/L)	Total Petroleum Hydrocarbon s (mg/L)	Phenolic Compounds (mg/L)	Xylene (mg/L)	Zinc (mg/L)
21-May-19	25-Jun-19	6/11/2019	340	0.56	< 0.001	0.021	< 0.5	< 0.01	590	13000	0.002	0.00	37000	< 0.04	< 0.5	< 5	< 0.001	1000	0.07	< 0.005	0.14	< 0.003	< 0.004	7	< 0.001	90	6500	16.58	3700	< 0.5	30000	4	0.55	< 0.01	< 1.5	< 0.2
26-Jun-19	21-Aug-19	6/11/2019	260	-	-	-	-	-	420	14000	-	0.003	51000	-	-	-	-	1100	-	0.28	0.016	-	-	6.6	-	64	7900	16.61	3800	-	28000	1.2	-	-	-	-
23-Sep-19	21-Oct-19	6/11/2019	250	-	-	-	-	-	600	14000	-	< 0.001	44000	-	-	-	-	1300	-	0.17	< 0.1	-	-	6.6	-	85	8000	16.6	3800	-	27000	12	-	-	-	-
11-Dec-19	14-Feb-20	14/07/2020	280	-	-	-	-	-	610	13000	-	0.00	39000	-	-	-	-	1100	-	0.21	< 0.1	-	-	7	-	43	7100	16.37	3500	-	29000	2	-	-	-	-
25-Mar-20	7-May-20	14/07/2020	290	-	-	-	-	-	600	13000	-	< 0.001	35000	-	-	-	-	1000	-	0.14	0.12	-	-	6.9	-	45	7100	16.84	3500	-	31000	2	-	-	-	-
1-Jul-20	14-Jul-20	20/07/2020	290	<0.005	< 0.001	0.023	<0.0005	0.0005	610	13000	<0.010	< 0.001	38000	0.005	<0.0005	0.48	<0.001	1000	0.04	0.19	<0.05	< 0.003	< 0.004	7	<0.001	38	7100	17.19	3700	<0.0005	30000	3	2.00	0.01	<0.0015	0.16
17-Sep-20	25-Sep-20	9/10/2020	285						635	11400			37800					1090		0.22	<0.10			7.2		38	7360	17.4	3520		28200	<1				
30-Sep-20	9-Oct-20	16/10/2020	317						668	11800			39100					1160		0.32	<0.10			7.08		69	7200	17.31	3420		28100	<1				

Sampling Point (MW7) Groundwater

Sampling Frequency (where liquid is present)			Quarterly	Annual	Annual	Annual	Annual	Annual	Quarterly	Quarterly	Annual	Quarterly	Quarterly	Annual	Annual	Annual	Annual	Quarterly	Annual	Quarterly	Quarterly	Annual	Annual	Quarterly	Annual	Quarterly	Quarterly	Quarterly	Quarterly	Annual	Quarterly	Quarterly	Annual	Annual	Annual
Date Sampled	Date Obtained	Date Published	Total Alkalinity as CaCO3 (mg/L)	Aluminium (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Benzene (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Electrical Conductivity (µS/cm)	Copper (mg/L)	Ethylbenzene (mg/L)	Fluoride (mg/L)	Lead (mg/L)	Magnesium (mg/L)	Manganese (mg/L)	Nitrate + Nitrite (mg/NL)	Ammonia as N (mg/NL)	Organochlorine Pesticides (mg/L)	Organophosphorus Pesticides (mg/L)	pH (pH units)	Polynuclear Aromatic Hydrocarbons (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Standing Water Level (m)	Sulfate (mg/L)	Toluene (mg/L)	Total Dissolved Solids (mg/L)	Total Organic Carbon (mg/L)	Total Petroleum Hydrocarbon s (mg/L)	Phenolic Compounds (mg/L)	Xylene (mg/L)	Zinc (mg/L)
17-Sep-20	25-Sep-20	9/10/2020	275						645	11500			36100					1130		0.32	0.12			7.34		41	6740	17.52	3410		25400	<1				
30-Sep-20	9-Oct-20	16/10/2020	294						654	11200			37400					1160		0.98	0.18			7.27		71	6420	17.42	4110		28800	<1				

Sampling Point 9 (MW8) Groundwater

Sampling Frequency (where liquid is present)			Quarterly	Annual	Annual	Annual	Annual	Annual	Quarterly	Quarterly	Annual	Quarterly	Quarterly	Annual	Annual	Annual	Annual	Quarterly	Annual	Quarterly	Quarterly	Annual	Annual	Quarterly	Annual	Quarterly	Quarterly	Quarterly	Quarterly	Annual	Quarterly	Quarterly	Annual	Annual	Annual
Date Sampled	Date Obtained	Date Published	Total Alkalinity as CaCO3 (mg/L)	Aluminium (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Benzene (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Electrical Conductivity (µS/cm)	Copper (mg/L)	Ethylbenzene (mg/L)	Fluoride (mg/L)	Lead (mg/L)	Magnesium (mg/L)	Manganese (mg/L)	Nitrate + Nitrite (mg/NL)	Ammonia as N (mg/NL)	Organochlorine Pesticides (mg/L)	Organophosphorus Pesticides (mg/L)	pH (pH units)	Polynuclear Aromatic Hydrocarbons (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Standing Water Level (m)	Sulfate (mg/L)	Toluene (mg/L)	Total Dissolved Solids (mg/L)	Total Organic Carbon (mg/L)	Total Petroleum Hydrocarbon s (mg/L)	Phenolic Compounds (mg/L)	Xylene (mg/L)	Zinc (mg/L)
21-May-19	25-Jun-19	6/11/2019	310	< 0.2	< 0.001	0.019	< 0.5	< 0.01	570	12000	0.013	< 0.001	34000	< 0.04	< 0.5	< 5	< 0.001	980	0.04	< 0.005	0.19	< 0.003	< 0.004	6.6	< 0.001	88	6000	17.77	3300	< 0.5	29000	1	< 0.5	< 0.01	< 1.5	< 0.2
26-Jun-19	21-Aug-19	6/11/2019	170	-	-	-	-	-	410	12000	-	0.002	44000	-	-	-	-	1000	-	0.54	0.02	-	-	6.2	-	63	6800	17.72	3100	-	24000	1	-	-	-	-
23-Sep-19	21-Oct-19	6/11/2019	170	-	-	-	-	-	580	13000	-	< 0.001	41000	-	-	-	-	1200	-	0.64	< 0.1	-	-	6.2	-	83	7200	17.75	3100	-	24000	2	-	-	-	-
11-Dec-19	14-Feb-20	14/07/2020	290	-	-	-	-	-	610	13000	-	< 0.001	37000	-	-	-	-	1100	-	0.14	0.1	-	-	7.2	-	44	6500	17.89	3300	-	28000	1	-	-	-	-
25-Mar-20	7-May-20	14/07/2020	290	-	-	-	-	-	610	12000	-	0.001	33000	-	-	-	-	1000	-	0.25	0.13	-	-	7.1	-	42	6400	17.22	3300	-	29000	2	-	-	-	-
1-Jul-20	14-Jul-20	20/07/2020	180	<0.005	< 0.001	0.026	<0.0005	0.0006	600	12000	0.011	0.001	34000	0.01	<0.0005	0.32	<0.001	980	0.05	0.63	0.06	< 0.003	< 0.004	6.5	<0.001	41	6900	17.8	3300	<0.0005	26000	2	<0.320	<0.01	<0.0015	0.46
17-Sep-20	25-Sep-20	9/10/2020	204						604	10500			34800					1010		0.89	0.38			7.42		40	6440		3150		24300	3				
27-Sep-20	7-Oct-20	16/10/2020	214						631	12220			25400					1040		0.88	<0.10