

Bathurst Regional Council  
 Bathurst Waste Management Centre  
 College Rd, Bathurst NSW  
 EPL 5902

Sampling Point 6 (L-TANK) Leachate Pond

Sampling Frequency (where liquid is present)			Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual
Date Sampled	Date Obtained	Date Published	pH (Unit)	Total Suspended Solids (mg/L)	Total Alkalinity as CaCO <sub>3</sub> (mg/L)	Chloride (mg/L)	Fluoride (mg/L)	Sulfate (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Total Organic Carbon (mg/L)	Ammonia as N (mg/L)	Nitrate as N (mg/L)	Iron (mg/L)	Manganese (mg/L)	Phenolic Compounds (mg/L)	Total Pesticides (mg/L)					
11-Aug-17	23-Aug-17	01-Sep-17	6.8	140	85	11	0.2	39	35	3	5.9	10	15	2.1	< 0.005	0.44	0.15	< 0.01						
14-Feb-18	23-Feb-18	09-Mar-18	7.2	570	270	37	0.41	190	100	12	20	32	39	19	< 0.005	0.44	0.49	0.01						
5-Sep-18	27-Sep-18	28-Sep-18	6.8	940	190	25	0.2	140	87	7.6	8	23	88	14	< 0.005	0.15	0.45	0.01						
14-Feb-19	1-Mar-19	08-Mar-19	6.7	570	480	100	0.36	17	110	53	4.7	49	20	< 0.01	< 0.005	0.01	0.07	< 0.01						
13-Aug-19	2-Sep-19	04-Sep-19	7.5	1200	170	600	0.4	65	150	88	110	340	110	35	53	98.00	2.89	0.01						
11-Feb-20	5-Mar-20	08-Apr-20	7	28	120	21	0.29	48	48	9.8	23	11	0.98	0.51	1.80	0.19	< 0.01							
22-Sep-20	22-Oct-20	29-Oct-20	7	17	180	51	0.26	220	79	9.1	19	48	24	34	0.009	0.45	0.27	< 0.01						

Sampling Point 2 (BH2) Groundwater

Sampling Frequency (where liquid is present)			Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual		
Date Sampled	Date Obtained	Date Published	pH (Unit)	Electrical Conductivity (µS/cm)	Total Dissolved Solids (mg/L)	Total Alkalinity as CaCO <sub>3</sub> (mg/L)	Chloride (mg/L)	Fluoride (mg/L)	Sulfate (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Total Organic Carbon (mg/L)	Ammonia as N (mg/L)	Nitrate as N (mg/L)	Cobalt (mg/L)	Aluminium (mg/L)	Barium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Zinc (mg/L)	Phenolic Compounds (mg/L)	Total Pesticides (mg/L)
11-Aug-17	23-Aug-17	01-Sep-17	6.2	910	590	510	36	0.13	14	88	48	3.10	51	13	< 0.01	< 0.005	< 0.001	< 0.005	0.03	< 0.001	0.23	< 0.001	0.23	0.009	< 0.01	< 0.003
14-Feb-18	23-Feb-18	09-Mar-18	6.8	1100	590	490	34	0.32	13	86	51	3.40	47	9.2	0.03	< 0.005	< 0.001	< 0.005	0.03	< 0.001	< 0.005	< 0.001	0.19	< 0.005	< 0.01	< 0.003
5-Sep-18	27-Sep-18	28-Sep-18	6.4	1000	660	660	30	0.19	14	96	53	3.20	51	1.7	< 0.01	0.02	< 0.001	< 0.005	0.02	< 0.001	< 0.005	< 0.001	0.21	< 0.005	< 0.01	< 0.003
14-Feb-19	1-Mar-19	08-Mar-19	6.7	1100	690	600	35	0.35	13	110	67	3.70	49	3.6	0.05	< 0.005	< 0.001	< 0.005	0.03	< 0.001	0.01	< 0.001	0.22	< 0.005	< 0.01	< 0.003
13-Aug-19	2-Sep-19	04-Sep-19	6.8	1200	690	620	38	0.38	13	100	63	3.40	40	1.8	0.015	0.03	< 0.001	< 0.005	0.02	< 0.001	0.01	< 0.001	0.25	0.008	0.07	< 0.003
11-Feb-20	5-Mar-20	08-Apr-20	6.7	1200	790	650	41	0.12	10	110	71	4.40	68	1.4	< 0.01	< 0.005	< 0.001	< 0.005	0.03	< 0.001	0.01	< 0.001	0.30	0.006	< 0.01	< 0.003
22-Sep-20	22-Oct-20	29-Oct-20	6.4	1100	690	610	32	0.35	9.7	100	63	3.60	61	5.7	0.01	0.15	< 0.001	< 0.005	0.02	< 0.001	0.01	< 0.001	0.23	0.018	0.01	< 0.003

Sampling Point 3 (BH3) Groundwater

Sampling Frequency (where liquid is present)			Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual			
Date Sampled	Date Obtained	Date Published	pH (Unit)	Electrical Conductivity (µS/cm)	Total Dissolved Solids (mg/L)	Total Alkalinity as CaCO <sub>3</sub> (mg/L)	Chloride (mg/L)	Fluoride (mg/L)	Sulfate (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Total Organic Carbon (mg/L)	Ammonia as N (mg/L)	Nitrate as N (mg/L)	Cobalt (mg/L)	Aluminium (mg/L)	Barium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Zinc (mg/L)	Phenolic Compounds (mg/L)	Total Pesticides (mg/L)		
11-Aug-17	23-Aug-17	01-Sep-17	6.4	670	440	360	25	0.15	4.8	60	41	2.10	25	6.5	0.03	0.92	0.00	< 0.005	0.02	< 0.001	0.22	< 0.001	3.40	0.009	< 0.01	< 0.003		
14-Feb-18	23-Feb-18	09-Mar-18	7.1	800	280	24	0.36	3.3	45	33	2.10	21	4.1	0.01	1.60	< 0.001	< 0.005	0.01	< 0.001	< 0.005	< 0.001	0.22	< 0.005	0.02	< 0.003			
5-Sep-18	27-Sep-18	28-Sep-18	6.7	550	320	260	23	0.28	3.3	43	30	1.90	21	1.2	< 0.01	2.00	< 0.001	< 0.005	0.01	< 0.001	< 0.005	< 0.001	0.01	< 0.005	< 0.01	< 0.003		
14-Feb-19	1-Mar-19	08-Mar-19	7.1	540	340	250	24	0.37	3.7	43	31	2	22	1.6	0.03	1.9	< 0.001	< 0.005	0.008	< 0.001	< 0.005	< 0.001	0.02	< 0.005	< 0.01	< 0.003		
13-Aug-19	2-Sep-19	04-Sep-19	7.2	660	380	250	52	0.38	9.1	46	34	2.10	25	2.4	0.016	2.30	< 0.001	< 0.005	0.01	< 0.001	< 0.005	< 0.001	0.00	< 0.005	0.03	< 0.003		
11-Feb-20	5-Mar-20	08-Apr-20	7.1	560	450	270	28	0.28	4	51	36	2.40	25	0.8	< 0.01	2.10	< 0.001	< 0.005	0.01	< 0.001	< 0.005	< 0.001	0.00	< 0.005	< 0.01	< 0.003		
22-Sep-20	22-Oct-20	29-Oct-20	6.8	540	280	280	27	0.35	3.6	45	32	3.30	22	4.5	< 0.01	2.10	< 0.001	< 0.005	0.01	< 0.001	< 0.005	< 0.001	0.01	< 0.001	0.00	< 0.005	< 0.01	< 0.003

Sampling Point 7 (BH6) Groundwater

Sampling Frequency (where liquid is present)			Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	
Date Sampled	Date Obtained	Date Published	pH (Unit)	Electrical Conductivity (µS/cm)	Total Dissolved Solids (mg/L)	Total Alkalinity as CaCO <sub>3</sub> (mg/L)	Chloride (mg/L)	Fluoride (mg/L)	Sulfate (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Total Organic Carbon (mg/L)	Ammonia as N (mg/L)	Nitrate as N (mg/L)	Cobalt (mg/L)	Aluminium (mg/L)	Barium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Zinc (mg/L)	Phenolic Compounds (mg/L)	Total Pesticides (mg/L)
11-Aug-17	23-Aug-17	01-Sep-17	6.5	1500	990	580	200	0.1	3.2	130	96	2.50	45	18	< 0.01	< 0.005	0.00	< 0.005	0.03	< 0.001	0.02	< 0.001	0.09	0.006	< 0.01	< 0.003
14-Feb-18	23-Feb-18	09-Mar-18	7.1	1600	1000	560	230	0.37	3.2	130	96	2.5	45	11	0.02	< 0.005	0.002	< 0.005	0.008	< 0.001	0.02	< 0.001	0.089	0.008	< 0.01	< 0.003
5-Sep-18	27-Sep-18	28-Sep-18	6.5	1600	1300	580	230	0.14	3.6	150	100	2.5	45	9.3	0.01	0.18	0.002	< 0.005	0.028	< 0.001	< 0.005	< 0.001	0.13	< 0.005	< 0.01	< 0.003
14-Feb-19	1-Mar-19	08-Mar-19	6.7	1600	1100	650	210	0.35	4.8	150	110	2.7	44	11	0.01	< 0.005	0.002	< 0.005	0.033	< 0.001	0.006	< 0.001	0.095	< 0.005	< 0.01	< 0.003
13-Aug-19	2-Sep-19	04-Sep-19	6.9	1700	990	640	190	0.34	23	120	85	3.00	110	9.7	0.021	0.04	0.00	< 0.005	0.06	0.00	0.02	< 0.001	0.25	0.006	< 0.01	< 0.003
11-Feb-20	5-Mar-20	08-Apr-20	6.9	1500	1100	590	170	0.13	4.5	140	100	2.90	56	6.5	< 0.01	< 0.005	0.00	< 0.005	0.03	< 0.001	0.01	< 0.001	0.15	0.006	< 0.01	< 0.003
22-Sep-20	22-Oct-20	29-Oct-20	6.7	1500	1100	660	190	0.37	4.4	150	110	2.70	55	8.6	0.01	0.09	0.00	< 0.005	0.03	< 0.001	0.00	< 0.001	0.05	0.011	< 0.01	< 0.003

Sampling Point 8 (BH7) Groundwater

Sampling Frequency (where liquid is present)			Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	
Date Sampled	Date Obtained	Date Published	pH (Unit)	Electrical Conductivity (µS/cm)	Total Dissolved Solids (mg/L)	Total Alkalinity as CaCO <sub>3</sub> (mg/L)	Chloride (mg/L)	Fluoride (mg/L)	Sulfate (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Total Organic Carbon (mg/L)	Ammonia as N (mg/L)	Nitrate as N (mg/L)	Cobalt (mg/L)	Aluminium (mg/L)	Barium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Zinc (mg/L)	Phenolic Compounds (mg/L)	Total Pesticides (mg/L)
11-Aug-17	23-Aug-17	01-Sep-17	6.5	2000	1300	730	290	0.14	19	150	100	3.30	140	17	< 0.01	< 0.005	0.00	< 0.005	0.10	0.00	0.03	< 0.001	0.28	0.008	< 0.01	< 0.003
14-Feb-18	23-Feb-18	09-Mar-18	7	2400	1500	810	330	0.38	23	170	120	3.6	140	19	< 0.01	< 0.005	0.001	< 0.005	0.11	0.00	0.016	< 0.001	0.056	< 0.005	0.01	< 0.003
5-Sep-18	27-Sep-18	28-Sep-18	6.5	2000	1400	790	290	0.17	25	170	3	130	10	10	0.01	< 0.005	< 0.001	< 0.005	0.088	0.001	0.018	< 0.001	0.039	< 0.005	< 0.01	< 0.003
14-Feb-19	1-Mar-19	08-Mar-19	6.7	1700	1200	710	230	0.34	23	140	98	3.5	120	10	0.01	< 0.005	< 0.001	< 0.005	0.081	0.001	0.016	< 0.001	0.036	< 0.005	< 0.01	< 0.003
13-Aug-19	2-Sep-19	04-Sep-19	6.9	1700	1000	640	190	0.35	23	120	85	3.00	99	7.1	0.014	0.01	0.00	< 0.005	0.07	0.00	0.02	< 0.001	0.08	0.007	< 0.01	< 0.003
11-Feb-20	5-Mar-20																									