



Fletcher International Exports

Period
Licence Number
Anniversary Date

2020-2021
5241
16-Apr

Ground Water Monitoring	Sampling Point	YP 2A	YP2B	BH2A	BH2B	BH3A	LP	BH11	YP1A	YP1B	BH8A	BH8B											
	Parameter	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	18	18	20	20
	Conductivity uS/cm	750	1300	2150	1290	Dry	Dry	4370	4470	Dry	Dry	2240	2140	400	400	Dry	Dry	1430	700	Dry	Dry	2730	2720
	Nitrate + Nitrite (oxidised nitrogen) mg/L	2.17	4.6	4.16	3	Dry	Dry	1.89	<0.1	Dry	Dry	<0.1	0.72	3.2	4.6	Dry	Dry	4.2	8.9	Dry	Dry	17.75	26
	pH	7.0	7.0	7.1	6.9	Dry	Dry	7.2	7	Dry	Dry	6.5	6.5	7.0	7.0	Dry	Dry	6.9	6.5	Dry	Dry	7.1	6.9
	Phosphorus (total) mg/L	0.48	0.85	0.49	0.77	Dry	Dry	4.9	33	Dry	Dry	0.29	0.74	0.16	0.3	Dry	Dry	1.4	2.5	Dry	Dry	1.7	1.3

Standing Water Level (meters)	Sampling Point	YP 2A	YP2B	BH2A	BH2B	BH3A	LP	BH11	YP1A	YP1B	BH8A	BH8B
	Parameter	8	9	10	11	12	13	14	15	16	18	20
	Measurement 1	23.3	7.5	Dry	19.4	Dry	14.8	13.8	Dry	29.8	Dry	21.7
	Measurement 2	23.4	7.5	Dry	19.4	Dry	14.8	13.8	Dry	29.8	Dry	21.7
	Measurement 3	23.3	7.5	Dry	19.4	Dry	14.7	14	Dry	29.9	Dry	21.7
	Measurement 4	23.4	7.4	Dry	19.5	Dry	14.7	14	Dry	29.9	Dry	21.6
	Measurement 5	23.4	7.5	Dry	19.5	Dry	14.7	14.1	Dry	29.7	Dry	21.7
	Measurement 6	23.3	7.5	Dry	19.5	Dry	14.8	13.9	Dry	29.7	Dry	21.7
	Measurement 7	23.3	7.6	Dry	19.5	Dry	14.8	13.8	Dry	29.7	Dry	21.8
	Measurement 8	23.3	7.5	Dry	19.4	Dry	14.8	13.9	Dry	29.8	Dry	21.7
	Measurement 9	23.3	7.6	Dry	19.4	Dry	14.8	13.8	Dry	29.9	Dry	21.7
	Measurement 10	23.3	7.6	Dry	19.5	Dry	14.8	13.8	Dry	29.9	Dry	21.8
	Measurement 11	23.2	7.6	Dry	19.5	Dry	14.8	13.9	Dry	29.9	Dry	21.8
	Measurement 12	23.3	7.5	Dry	19.5	Dry	14.8	13.9	Dry	29.9	Dry	21.7

Volume Monitoring (kilolitres)	Sampling Point	P1T	P1B	P2F	P2B	P3F	P3B
	Parameter	2	2	3	3	4	4
	Measurement 1	22,625	22,625	5,032	5,032	10,472	10,472
	Measurement 2	7,800	7,800	2,574	2,574	3,390	3,390
	Measurement 3	10,587	10,587	3,696	3,696		
	Measurement 4	3,222	3,222	7,572	7,572		
	Measurement 5	21,052	21,052	4,919	4,919		
	Measurement 6	19,363	19,363	21,192	21,192		
	Measurement 7	21,052	21,052	19,892	19,892		
	Measurement 8	19,363	19,363	20,489	20,489		

Soil Monitoring 0-10 cm	Sampling Point	P1T	P1B	P2F	P2B	P3F	P3B
	Parameter	5	5	6	6	7	7
	Available Phosphours mg/kg	28	31	72	110	91	19
	Ex Calcium mg/kg	1500	1620	1720	850	870	1000
	Ex Magnesium mg/kg	320	360	550	420	390	210
	Ex Potassium mg/kg	470	460	790	700	730	570
	Ex Sodium mg/kg	59	100	590	520	810	110
	Nitrogen (total) mg/kg	1080	990	1710	790	1510	850
	Organic Carbon mg/kg	9530	11500	16800	8360	5230	7210
	pH	8.2	8.3	8.6	8.7	8.9	7.3
	PSC mg/kg	235	220	210	185	200	215
	Salinity mg/kg	590	670	1010	740	1250	450

Soil Monitoring 90-100 cm	Sampling Point	P1T	P1B	P2F	P2B	P3F	P3B
	Parameter	5	5	6	6	7	7
	Available Phosphours mg/kg	25	20	27	42	95	17
	Ex Calcium mg/kg	1440	1150	1180	960	990	1120
	Ex Magnesium mg/kg	330	230	740	610	400	230
	Ex Potassium mg/kg	450	530	380	750	750	460
	Ex Sodium mg/kg	73	61	730	690	720	120
	Nitrogen (total) mg/kg	1160	860	1070	880	1110	580
	Organic Carbon mg/kg	10500	7360	7820	6690	5480	4390
	pH	8.4	7.4	8.8	8.7	9.1	7.9
	PSC mg/kg	245	190	320	280	245	290
	Salinity mg/kg	860	470	2660	1870	1510	420

Discharge Quality Monitoring	Sampling Point	Point 8	1	1	1
	Parameter	1	1	1	1
	BOD mg/kg	22	19	54	60
	Conductivity uS/cm	4150	4540	4510	4540
	Total Nitrogen mg/L	190	210	130	140
	Oil and Grease mg/L	9	<2	15	13
	pH	8	8.2	7.7	7.7
	Total Phosphorus mg/L	38	39	38	39