



Fletcher International Exports

Period
Licence Number
Anniversary Date

2019-2020
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	1920	1800	5400	3200	Dry	Dry	5800	3100	Dry	Dry	1310	1400	810	920	Dry	Dry	6900	6400	Dry	Dry	2850	2700
	Nitrate + Nitrite (oxidised nitrogen) mg/L	<0.1	<0.1	0.1	0.73	Dry	Dry	5.9	12	Dry	Dry	<0.1	<0.1	2.3	2.7	Dry	Dry	0.62	0.83	Dry	Dry	50	27
	pH	7.3	7.4	7.2	7.3	Dry	Dry	7.4	7.1	Dry	Dry	6.5	6.5	7.0	7.0	Dry	Dry	7.2	7.4	Dry	Dry	7.2	7.1
	Phosphorus (total) mg/L	0.46	2.1	0.11	0.22	Dry	Dry	0.13	0.23	Dry	Dry	0.29	0.74	<0.1	0.24	Dry	Dry	0.62	0.83	Dry	Dry	<0.1	<0.1

Standing Water Level (meters)	Sampling Point	YP 2A	YP2B	BH2A	BH2B	BH3A	LP	BH11	YP1A	YP1B	BH8A	BH8B
	8	9	10	11	12	13	14	15	16	18	20	
	Measurement 1	22.9	11.1	Dry	19.6	Dry	10.4	14.5	Dry	27.8	Dry	20.9
	Measurement 2	22.8	11	Dry	19.5	Dry	10.5	14.4	Dry	27.7	Dry	20.4
	Measurement 3	22.8	11.1	Dry	19.5	Dry	10.5	14.5	Dry	27.8	Dry	20.5
	Measurement 4	22.9	11.2	Dry	19.6	Dry	10.4	14.4	Dry	27.7	Dry	20.6
	Measurement 5	22.9	11.2	Dry	19.6	Dry	10.4	14.5	Dry	27.8	Dry	20.8
	Measurement 6	22.8	11.2	Dry	19.7	Dry	10.5	14.5	Dry	27.8	Dry	20.9
	Measurement 7	22.8	11.2	Dry	19.7	Dry	10.5	14.5	Dry	27.9	Dry	20.8
	Measurement 8	22.9	11.1	Dry	19.8	Dry	10.5	14.4	Dry	27.9	Dry	20.8
	Measurement 9	27.8	11.1	Dry	19.5	Dry	10.4	14.4	Dry	27.8	Dry	20.8
	Measurement 10	27.8	11.2	Dry	19.6	Dry	10.4	14.5	Dry	27.8	Dry	21
	Measurement 11	27.8	11.1	Dry	19.5	Dry	10.5	14.4	Dry	27.9	Dry	20.9
	Measurement 12	27.8	11.1	Dry	19.6	Dry	10.5	14.5	Dry	27.8	Dry	20.9

Volume Monitoring (kilolitres)	Sampling Point	P1T	P1B	P2F	P2B	P3F	P3B
	2	2	3	3	4	4	
	Measurement 1	21,726	21,726	18,723	18,723	2,445	2,988
	Measurement 2	2,973	2,973	7,777	7,777	7,236	3,844
	Measurement 3	8,363	8,363	144	144	7,103	8,681
	Measurement 4	4,792	4,792	27,942	27,942	7,892	7,892
	Measurement 5	13,951	13,951	2,471	2,471	11,105	13,573
	Measurement 6	14,741	14,741	42,615	42,615	12,556	15,346
	Measurement 7			9,985	9,985	3,281	4,010
	Measurement 8			8,153	8,153	7,461	9,118
	Measurement 9			24,888	24,888	7,408	9,055
	Measurement 10			14,260	14,260	5,289	6,465
	Measurement 11					14,636	17,949

Soil Monitoring 0-10 cm	Sampling Point	P1T	P1B	P2F	P2B	P3F	P3B
	5	5	6	6	7	7	
	Available Phosphours mg/kg	88	100	52	30	45	64
	Ex Calcium mg/kg	1470	1180	1600	1290	1250	1450
	Ex Magnesium mg/kg	500	460	320	295	285	240
	Ex Potassium mg/kg	910	925	900	870	870	780
	Ex Sodium mg/kg	91	105	650	730	740	370
	Nitrogen (total) mg/kg	2740	2320	2390	1570	1280	2230
	Organic Carbon mg/kg	67900	50800	60800	38200	31300	40800
	pH	7.1	6.9	8.4	8.9	8.7	7.8
	PSC mg/kg	140	125	210	235	250	215
	Salinity mg/kg	1890	1070	1980	2830	2080	2540

Soil Monitoring 90-100 cm	Sampling Point	P1T	P1B	P2F	P2B	P3F	P3B
	5	5	6	6	7	7	
	Available Phosphours mg/kg	92	105	35	27	46	58
	Ex Calcium mg/kg	1410	1140	1390	1200	1240	1380
	Ex Magnesium mg/kg	500	460	320	295	285	240
	Ex Potassium mg/kg	820	815	890	650	850	765
	Ex Sodium mg/kg	82	92	690	810	790	370
	Nitrogen (total) mg/kg	3210	2400	1220	1710	1140	1450
	Organic Carbon mg/kg	61900	50200	26400	33300	25900	27000
	pH	7.1	6.7	8.8	8.9	8.8	8.2
	PSC mg/kg	145	125	240	225	260	240
	Salinity mg/kg						

Discharge Quality Monitoring	Sampling Point	Point 8	
	1	1	
	BOD mg/kg	21	44
	Conductivity uS/cm	4070	5360
	Total Nitrogen mg/L	130	170
	Oil and Grease mg/L	8	4
	pH	7.8	8.0
	Total Phosphorus mg/L	36	51