



# Fletcher International Exports

Period 2022/2023  
 Number 5241  
 Anniversary Date 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	290	490	2340	2580	Dry	Dry	4330	4070	Dry	Dry	1390	1980	940	830	Dry	Dry	4200	2690	Dry	Dry	2630	2710
Nitrate + Nitrite (oxidised nitrogen) mg/L	9.01	6.9	14.2	16	Dry	Dry	14.2	33	Dry	Dry	0.1	0.4	7	4.6	Dry	Dry	7.8	10.82	Dry	Dry	22	20
pH	5.8	7.5	7.2	7.2	Dry	Dry	7.2	7.5	Dry	Dry	6.7	6.7	7.2	7.8	Dry	Dry	7.1	6.4	Dry	Dry	7.2	7.2
Phosphorus (total) mg/L	0.91	1.3	2.9	4	Dry	Dry	0.85	2.9	Dry	Dry	1	0.9	0.85	0.36	Dry	Dry	5	7.3	Dry	Dry	0.11	0.55

Standing Water Level (meters)	Sampling Point	YP 2A	YP2B	BH2A	BH2B	BH3A	LP	BH11	YP1A	YP1B	BH8A	BH8B
	8	9	10	11	12	13	13	14	15	16	18	20
Measurement 1	23.8	10.1	Dry	18.7	Dry	10.3	13.1	Dry	26.5	Dry	20.0	
Measurement 2	23.8	10.5	Dry	18.9	Dry	10.1	13.1	Dry	26.5	Dry	20.1	
Measurement 3	23.8	10.5	Dry	19.0	Dry	10.2	13.2	Dry	26.5	Dry	20.0	
Measurement 4	23.5	10.5	Dry	19.0	Dry	10.0	13.1	Dry	26.5	Dry	19.5	
Measurement 5	20.0	10.7	Dry	19.1	Dry	10.0	13.1	Dry	26.7	Dry	19.6	
Measurement 6	18.5	10.5	Dry	19.1	Dry	10.0	13.2	Dry	26.8	Dry	19.5	
Measurement 7	17.8	10.9	Dry	19.1	Dry	9.8	13.1	Dry	26.8	Dry	19.1	
Measurement 8	17.9	10.3	Dry	19.0	Dry	10.0	13.2	Dry	26.7	Dry	19.1	
Measurement 9	17.9	10.9	Dry	19.1	Dry	10.0	13.1	Dry	26.7	Dry	19.1	
Measurement 10	17.8	10.9	Dry	19.1	Dry	9.8	13.2	Dry	26.8	Dry	19.0	
Measurement 11	17.8	10.9	Dry	19.1	Dry	9.8	13.1	Dry	26.7	Dry	19.1	
Measurement 12	17.8	10.8	Dry	19	Dry	9.9	13.1	Dry	26.8	Dry	19.0	

Volume Monitoring (kilolitres)	Sampling Point	P1T	P1B	P2F	P2B	P3F	P3B
	2	2	3	3	4	4	4
Measurement 1	5,401	5,401	9,450	9,450	4,148	4,148	
Measurement 2	5,402	5,402	4,212	4,212	8,461	8,461	
Measurement 3	5,685	5,685	5,460	5,460	15,782	15,782	
Measurement 4	15,186	15,186	15,071	15,071	14,310	14,310	
Measurement 5	13,561	13,561	4,252	4,252	628	628	
Measurement 6	18,707	18,707	6,556	6,556	3,504	3,504	
Measurement 7	1,504	1,504	9,100	9,100	1,582	1,582	
Measurement 8	7,949	7,949	10,390	10,390	158	158	
Measurement 9	10,904	10,904	9,189	9,189	4,149	4,149	
Measurement 10	9,815	9,815			4,302	4,302	
Measurement 11	1,906	1,906					

Soil Monitoring 0-10 cm	Sampling Point	P1T	P1B	P2F	P2B	P3F	P3B
	5	5	6	6	7	7	7
Available Phosphours mg/kg	195	125	38	150	170	11	
Ex Calcium mg/kg	1080	1100	1260	870	980	760	
Ex Magnesium mg/kg	430	420	470	370	420	180	
Ex Potassium mg/kg	1480	1160	820	1210	1090	540	
Ex Sodium mg/kg	92	76	250	30	19	22	
Nitrogen (total) mg/kg	1360	1930	1500	1600	1990	770	
Organic Carbon mg/kg	21200	35100	27400	31200	36800	13000	
pH	7.2	7.4	8.4	7.0	6.6	6.8	
PSC mg/kg	130	150	220	160	160	280	
Salinity mg/kg	1260	1130	1140	1130	750	330	

Soil Monitoring 90-100 cm	Sampling Point	P1T	P1B	P2F	P2B	P3F	P3B
	5	5	6	6	7	7	7
Available Phosphours mg/kg	140	115	31	92	88	6	
Ex Calcium mg/kg	920	1130	890	810	820	720	
Ex Magnesium mg/kg	390	560	320	380	370	170	
Ex Potassium mg/kg	1420	1310	660	1020	1160	420	
Ex Sodium mg/kg	110	110	180	38	22	10	
Nitrogen (total) mg/kg	1500	2320	940	810	740	400	
Organic Carbon mg/kg	23000	38400	16700	13700	14000	6090	
pH	7.1	7.3	8.4	7.3	7.0	6.9	
PSC mg/kg	160	190	250	180	190	310	
Salinity mg/kg							

Discharge Quality Monitoring	Sampling Point	Point 8				
	1	1	1	1	1	1
BOD mg/kg	32	16	44	60	24	
Conductivity uS/cm	4500	4310	4110	3800	4280	
Total Nitrogen mg/L	160	220	200	180	210	
Oil and Grease mg/L	5	15	26	11	4	
pH	7.8	7.6	7.8	7.9	7.9	
Total Phosphorus mg/L	37	31	32	34	38	