



# Fletcher International Exports

Period  
Licence Number  
Anniversary Date

2018-2019  
5241  
16-Apr

Ground Water Monitoring		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	6100	6240	8530	8190	Dry	Dry	6690	6100	Dry	Dry	1420	5020	810	850	Dry	Dry	5120	6260	Dry	Dry	2900	3790
Nitrate + Nitrite (oxidised nitrogen) mg/L	<0.1	13	11.7	<0.1	Dry	Dry	<0.1	10	Dry	Dry	1.0	<0.1	9.6	<0.1	Dry	Dry	<0.1	8.6	Dry	Dry	50	27
pH	7.3	7.7	7.3	8.0	Dry	Dry	7.4	7.5	Dry	Dry	6.4	7.3	7.1	7.2	Dry	Dry	7.2	7.7	Dry	Dry	7.2	7.9
Phosphorus (total) mg/L	0.37	0.68	0.36	0.16	Dry	Dry	15	2.2	Dry	Dry	0.73	0.57	0.31	0.12	Dry	Dry	7.5	3.3	Dry	Dry	15	0.26

  

Standing Water Level (meters)		YP 2A	YP2B	BH2A	BH2B	BH3A	LP	BH11	YP1A	YP1B	BH8A	BH8B
Parameter	8	9	10	11	12	13	14	15	16	18	20	
Lowest	22.65	11.05	Dry	19.4	Dry	10.2	14.45	Dry	27.7	Dry	20.5	
Higest	22.9	11.2	Dry	19.6	Dry	10.3	14.5	Dry	27.8	Dry	20.9	
Average	22.77	11.12		19.5		10.3	14.47		27.75		20.7	
No of Events	12	12		12		12.0	12		12		12	

  

Volume Monitoring (kilolitres)		P1	P2	P3
Parameter	2	3	4	
No of Events	15	20	12	
Highest	26,207	68,350	55,914	
Lowest	1,287	806	2,293	
Average	13,747	34,578	29,103	

  

Soil Monitoring 0-10 cm		P1T	P1B	P2F	P2B	P3F	P3B
Parameter	5	5	6	6	7	7	
Available Phosphours mg/kg	88	100	52	30	45	64	
Ex Calcium mg/kg	1479	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	280	125	210	235	250	215	
Salinity mg/kg	1890	1070	1980	2830	2080	2540	

  

Soil Monitoring 90-100 cm		P1T	P1B	P2F	P2B	P3F	P3B
Parameter	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	445	300	310	230	275	310	
Ex Potassium mg/kg	820	815	890	650	850	765	
Ex Sodium mg/kg	82	92	690	810	790	390	
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	1760	1170	2310	3380	2410	2210	

  

Discharge Quality Monitoring		Point 8			
Parameter	1	1	1	1	
BOD mg/kg	21	27	28	28	
Conductivity uS/cm	4070	4480	4460	4330	
Total Nitrogen mg/L	130	180	180	130	
Oil and Grease mg/L	8	13	18	7	
pH	7.8	8.2	8.1	7.9	
Total Phosphorus mg/L	36	38	39	37	