

Junee Shire Council

Environmental Monitoring in accordance with the Protection of the Environment Operations Act 1997 (POEO Act)

Report Date 1/01/2016

Environment Protection Licence No.: 752		Sample No.	Sample Date	Analysis Results						
Treated Effluent			Oil & Grease (mg/L)	pH (pH)	Faecal Coliforms (CFU/100ml)	Total Suspended Solids (mg/L)	Biochemical Oxygen Demand (mg/L)	Chlorine Residual (mg/L)		
Licence Limit - 100 percentile concentration			10	5.5-9.5	600	30	30	-		
Point 1	1507-0106	22/07/2015	2	8.3	700	8	9			
Licence Limit - 100 percentile concentration			10	6.5-8.5	10	-	-	1		
Point 13 (formerly 6)	1503-0053	11/03/2015	5	9.2	<2			0.5		
	1510-0095	15/10/2015	2	8	<1			0.5		
Soil Samples			Analysis Results							
Control Point	Sample Ref	Sample Date	Available Phosphorus (mg/kg)	Exchangeable Sodium (cmol/kg)	Nitrate & Nitrite (mg/kg)	Nitrogen (Total) (mg/kg)	Phosphorus (Total) (mg/kg)	Phosphorus Sorption Capacity (kg/Ha -triannually)	Sodium Adsorption Ratio (SAR)	pH (pH)
2-100	1601-0016	30/12/2015	122	0.84	9	1040	384	-	2	8
2-300	1601-0016	30/12/2015	21	0.33	3	275	89	-	1	8.2
2-CONTROL	1601-0016	30/12/2015	13	0.28	5	481	125	-	1	7.9
5-100	1601-0016	30/12/2015	34	3.72	3	1420	232	-	3	7.9
5-300	1601-0016	30/12/2015	15	3.13	3	1110	175	-	5	8.1
5-CONTROL	1601-0016	30/12/2015	11	0.53	4	1010	144	-	1	7
7-100	1601-0016	30/12/2015	91	2.69	18	3900	515	-	3	8.1
7-300	1601-0016	30/12/2015	23	5.54	6	1670	225	-	6	8.8
7-CONTROL	1601-0016	30/12/2015	157	157	17	3640	583	-	5	8
Groundwater Monitoring			Analysis Results							
Control Point	Sample Ref	Date	Standing Water Level (m)							
	8 JSC	22/04/2015	3.43							
	8 JSC	21/08/2015	3.83							
	8 JSC	10/10/2015	3.23							
	8 JSC	22/12/2015	3.23							
	9 JSC	22/04/2015	0							
	9 JSC	21/08/2015	0							
	9 JSC	10/10/2015	0							
	9 JSC	22/12/2015	0							
	11 JSC	22/04/2015	1.86							
	11 JSC	21/08/2015	0.36							
	11 JSC	10/10/2015	0.66							
	11 JSC	22/12/2015	1.36							
	12 JSC	22/04/2015	2.28							
	12 JSC	21/08/2015	0.58							
	12 JSC	10/10/2015	0.98							
	12 JSC	22/12/2015	1.68							