

Water Quality Samples Summary Report

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Standard: EPL
 Standard Description: Environmental Protection Licence
 Version: 199
 Location Name: Alstonville Wastewater Treatment Plant
 Location Address: Johnstons Road, Alstonville
 Activity: IDEA Process incl. Chemical Dosing and UV
 Period: Previous Twelve Months
 Date Range From: 01/04/2020
 Date Range To: 01/04/2021

SITE DETAILS				LIMIT	LIMIT	LIMIT	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT
Site	Parameter	Sampling Frequency	Units	count	90%	max	count	min	mean	90%	max	sum
1: Discharge to waters	Flow Volume	daily	kilolitres	365	-	7680	365	375	2306	3955	6499	841564
1: Effluent Quality Monitoring	Biochemical Oxygen Demand (5 Day)	once a month (min. of 4 weeks)	milligrams per litre	12	10	20	23	1	3.348	5	6	-
1: Effluent Quality Monitoring	Thermotolerant Coliforms	once a month (min. of 4 weeks)	per 100 millilitres	12	200	600	25	0.5	41.920	102.4	220	-
1: Effluent Quality Monitoring	Nitrogen (Total)	once a month (min. of 4 weeks)	milligrams per litre	12	10	20	23	2.1	4.691	6.5	7.8	-
1: Effluent Quality Monitoring	Oil and Grease	once a month (min. of 4 weeks)	milligrams per litre	12	5	10	23	2.5	2.609	2.5	5	-
1: Effluent Quality Monitoring	pH	once a month (min. of 4 weeks)	pH	12	6.5	8.5	23	6.98	7.433	7.738	8.81	-
1: Effluent Quality Monitoring	Phosphorus (Total)	once a month (min. of 4 weeks)	milligrams per litre	12	0.5	1	23	0.08	0.277	0.474	0.54	-
1: Effluent Quality Monitoring	Solids (Suspended)	once a month (min. of 4 weeks)	milligrams per litre	12	15	30	23	2.5	6.522	18.2	28	-
2: Total Volume Monitoring	Flow Volume	daily	kilolitres	365	-	-	365	561	2103	4115	12406	767693
3: Irrigation Volume Monitoring	Flow Volume	daily	kilolitres	365	-	-	365	0	658	1123	1518	240299
4: Irrigation Effluent Quality	Biochemical Oxygen Demand (5 Day)	monthly during discharge	milligrams per litre	12	-	-	25	1	4.560	10	14	-
4: Irrigation Effluent Quality	Thermotolerant Coliforms	monthly during discharge	per 100 millilitres	12	-	-	25	0.5	4.680	9.6	50	-
4: Irrigation Effluent Quality	Nitrogen (Total)	monthly during discharge	milligrams per litre	12	-	-	25	2	4.428	6.5	6.7	-
4: Irrigation Effluent Quality	pH	monthly during discharge	pH	12	-	-	25	6.92	7.441	7.7	7.94	-
4: Irrigation Effluent Quality	Phosphorus (Total)	monthly during discharge	milligrams per litre	12	-	-	25	0.08	0.260	0.4	0.46	-
4: Irrigation Effluent Quality	Solids (Suspended)	monthly during discharge	milligrams per litre	12	-	-	25	2.5	3.960	7.2	15	-
5: Rainfall	Rainfall		points	-	-	-	365	0	5.786	16.5	166	2112