

Water Quality Samples Summary Report

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Standard: EPL
 Standard Description: Environmental Protection Licence
 Version: 5785
 Location Name: Wardell Wastewater Treatment Plant
 Location Address: Kays Road, Coolgardie
 Activity: IDEA Process Incl. and UV
 Period: Previous Twelve Months
 Date Range From: 01/04/2020
 Date Range To: 01/04/2021

SITE DETAILS		LIMIT		LIMIT		LIMIT		LIMIT		LIMIT		LIMIT		LIMIT		LIMIT		LIMIT		
Site	Parameter	Sampling Frequency	Units	count	min	90%	max	count	min	mean	90%	max	count	min	mean	90%	max	count	min	sum
1: Discharge to waters	Flow Volume	daily	kilolitres	365	-	-	3024	365	21	555	-	2137	365	21	555	-	2137	365	21	202402
2: Discharge to onsite utilisation area	Flow Volume	daily	kilolitres	365	-	-	1680	365	0	9	-	105	365	0	9	-	105	365	0	3263
3: Total volume monitoring	Flow Volume	daily	kilolitres	365	-	-	-	365	188	493	-	2132	365	188	493	-	2132	365	188	180123
4: Effluent quality monitoring	Biochemical Oxygen Demand (5 Day)	fortnightly	milligrams per litre	26	-	15	35	24	1	2.542	3.7	6	24	1	2.542	3.7	6	24	1	-
4: Effluent quality monitoring	Thermotolerant Coliforms	fortnightly	per 100 millilitres	26	-	200	600	27	0.5	238.889	620	2600	27	0.5	238.889	620	2600	27	0.5	-
4: Effluent quality monitoring	Oil and Grease	fortnightly	milligrams per litre	26	-	-	10	24	2.5	4.021	4.25	28	24	2.5	4.021	4.25	28	24	2.5	-
4: Effluent quality monitoring	Solids (Suspended)	fortnightly	milligrams per litre	26	-	20	40	24	2.5	4.188	8	12	24	2.5	4.188	8	12	24	2.5	-
4: Effluent quality monitoring	Nitrogen (Total)	fortnightly	milligrams per litre	26	-	-	-	24	1.1	2.804	5.11	7.2	24	1.1	2.804	5.11	7.2	24	1.1	-
4: Effluent quality monitoring	Phosphorus (Total)	fortnightly	milligrams per litre	26	-	-	-	24	0.14	0.370	0.537	0.58	24	0.14	0.370	0.537	0.58	24	0.14	-
4: Effluent quality monitoring	pH	fortnightly	pH	26	6.5	-	8.5	24	7.06	7.410	7.605	7.76	24	7.06	7.410	7.605	7.76	24	7.06	-
5: Reuse volume monitoring	Flow Volume	daily	kilolitres	365	-	-	-	365	0	38	-	287	365	0	38	-	287	365	0	14026
7: Rainfall	Rainfall	points	points	-	-	-	-	-	-	5.330	15	137	-	-	5.330	15	137	-	-	1945.5