



Orica Kooragang Island Monitoring Point 30

Details of Licence Conditions

EPA Licence No: 828
Licensee Name: ORICA AUSTRALIA PTY LTD
Licensee Address: 15 Greenleaf Rd, KOORAGANG NSW 2304

Annual Summary (2019_2020 Reporting Period)

Monitoring Point 30 - Effluent

Monitoring Point	Monitoring Location	Pollutant	Unit of measure	Monitoring frequency	EPL Monitoring Period	EPL Monitoring Period	EPL Monitoring Period	EPL Monitoring Period
					2019/2020 (Q1) 08/05/2019	2019/2020 (Q2) 08/07/2019	2019/2020 (Q3) 25/10/2019	2019/2020 (Q4) 14/1/2020
Monitoring Point 30	Main Transpiration Area	Conductivity	deciSiemens per metre	Quarterly	1.54	1.22	1.66	974
Monitoring Point 30	Main Transpiration Area	Enterococci	colony forming units per 100 millilitres	Quarterly	~90000	340000	4300000	600000
Monitoring Point 30	Main Transpiration Area	Faecal Coliforms	colony forming units per 100 millilitres	Quarterly	~1200000	230000	26000000	75000000
Monitoring Point 30	Main Transpiration Area	Magnesium	milligrams per litre	Quarterly	10	8	11	7
Monitoring Point 30	Main Transpiration Area	Nitrogen (total)	milligrams per litre	Quarterly	123	96	140	65
Monitoring Point 30	Main Transpiration Area	pH		Quarterly	8.17	7.76	7.86	7.99
Monitoring Point 30	Main Transpiration Area	Phosphorus (total)	milligrams per litre	Quarterly	12.4	10.9	13.3	7.28
Monitoring Point 30	Main Transpiration Area	Potassium	milligrams per litre	Quarterly	44	30	45	24
Monitoring Point 30	Main Transpiration Area	Sodium	milligrams per litre	Quarterly	71	50	70	45
Monitoring Point 30	Main Transpiration Area	Sodium Adsorption Ratio	sodium adsorption ratio	Quarterly	3.11	1.92	2.72	1.97
Date Published					3/06/2019	9/09/2019	12/12/2019	14/02/2020