



Orica Kooragang Island Monitoring Point 30

Details of Licence Conditions

EPA Licence No: 828
Licensee Name: ORICA AUSTRALIA PTY LTD
Licensee Address: 75 Greenleaf Rd, KOORAGANG NSW 2304

Annual Summary (2024_2025 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
					2024/2025 (Q1)	2024/2025 (Q2)	2024/2025 (Q3)	2024/2025 (Q4)
Monitoring Point 30	Main Transpiration Area	Conductivity	deciSiemens per metre	Quarterly	0.797	1.14	1.78	1.04
Monitoring Point 30	Main Transpiration Area	Enterococci	colony forming units per 100 millilitres	Quarterly	520,000	860,000	1,500,000	40,000
Monitoring Point 30	Main Transpiration Area	Faecal Coliforms	colony forming units per 100 millilitres	Quarterly	4,900,000	2,500,000	5,300,000	2,000,000
Monitoring Point 30	Main Transpiration Area	Magnesium	milligrams per litre	Quarterly	6	11	13	8
Monitoring Point 30	Main Transpiration Area	Nitrogen (total)	milligrams per litre	Quarterly	47.8	69	147	63.2
Monitoring Point 30	Main Transpiration Area	pH		Quarterly	7.34	8.06	6.76	7.65
Monitoring Point 30	Main Transpiration Area	Phosphorus (total)	milligrams per litre	Quarterly	5.99	9.02	21	7.8
Monitoring Point 30	Main Transpiration Area	Potassium	milligrams per litre	Quarterly	18	32	54	25
Monitoring Point 30	Main Transpiration Area	Sodium	milligrams per litre	Quarterly	41	48	65	40
Monitoring Point 30	Main Transpiration Area	Sodium Adsorption Ratio	sodium adsorption ratio	Quarterly	2.18	1.39	2.12	1.38
Date Published					5/3/2024	8/5/2024	11/13/2024	2/12/2025