



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 (2021_2022 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 |
|-----------------------|-------------------------|-------------------------|--|----------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| | | | | | 2021/2022 (Q1) 28/04/2021 | 2021/2022 (Q2) 28/07/2021 | 2021/2022 (Q3) 27/10/2021 | 2021/2022 (Q4) 25/01/2022 |
| Monitoring Point 30 | Main Transpiration Area | Conductivity | deciSiemens per metre | Quarterly | 0.802 | 0.74 | 0.678 | 0.623 |
| Monitoring Point 30 | Main Transpiration Area | Enterococci | colony forming units per 100 millilitres | Quarterly | 610,000 | 250,000 | 41,000 | 2,000 |
| Monitoring Point 30 | Main Transpiration Area | Faecal Coliforms | colony forming units per 100 millilitres | Quarterly | 3,800,000 | -11,000,000 | 3,800,000 | 660,000 |
| Monitoring Point 30 | Main Transpiration Area | Magnesium | milligrams per litre | Quarterly | 8 | 7 | 8 | 8 |
| Monitoring Point 30 | Main Transpiration Area | Nitrogen (total) | milligrams per litre | Quarterly | 47.8 | 65.3 | 41.6 | 36.9 |
| Monitoring Point 30 | Main Transpiration Area | pH | pH | Quarterly | 7.6 | 7.1 | 7.19 | 7.09 |
| Monitoring Point 30 | Main Transpiration Area | Phosphorus (total) | milligrams per litre | Quarterly | 5.6 | 8.24 | 4.91 | 3.94 |
| Monitoring Point 30 | Main Transpiration Area | Potassium | milligrams per litre | Quarterly | 21 | 18 | 16 | 16 |
| Monitoring Point 30 | Main Transpiration Area | Sodium | milligrams per litre | Quarterly | 41 | 39 | 38 | 38 |
| Monitoring Point 30 | Main Transpiration Area | Sodium Adsorption Ratio | sodium adsorption ratio | Quarterly | 1.59 | 1.73 | 1.63 | 1.59 |
| Date Published | | | | | 12/05/2021 | 17/08/2021 | 12/11/2021 | 16/02/2022 |