

Environmental Protection Licence 1967

2026 Stormwater Monitoring Data

Point 3 - Berth K3 Outlet (discharge to biofiltration pit)

Licensee Name and Address: Port of Newcastle Operations Pty Ltd; Newcastle Bulk Terminal, Heron Road Kooragang NSW 2304.

Type of Monitoring: Discharge water quality monitoring.

Frequency required: Monthly during discharge with exceptions noted in the table below.

Notes: No limits are specified in EPL 1967.

EPL Link: [Link to EPL 1967](#) on EPA POEO Register

Monitoring location:



Figure: Location of EPL 1967 Point 3 (Google Maps, accessed 2022, approximate)

Analyte	Units	January 2026	February 2026	March 2026	April 2026**	May 2026	June 2026
Date sampled	-	5/01/2026	27/02/2026	9/03/2026	-	13/05/2026	
Ammonia as N	mg/L	0.12	0.18	0.13	-	0.05	
Dissolved Aluminium, Al	mg/L	< 0.10	< 0.10	< 0.10	-	< 0.10	
Dissolved Arsenic, As*	mg/L	< 0.010	< 0.010	< 0.010	-	< 0.010	
Dissolved Cadmium, Cd	mg/L	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010	
Dissolved Lead, Pb	mg/L	< 0.010	< 0.010	< 0.010	-	< 0.010	
Dissolved Mercury	mg/L	< 0.0001	< 0.0001	< 0.0001	-	< 0.0001	
Dissolved Zinc, Zn	mg/L	< 0.050	< 0.050	< 0.050	-	< 0.050	
Filterable Reactive Phosphorus	mg/L	0.05	0.06	0.08	-	0.21	
Nitrate as N	mg/L	0.19	0.38	0.74	-	1.51	
Nitrite as N	mg/L	< 0.01	< 0.01	< 0.01	-	< 0.01	
pH	pH unit	7.97	7.83	7.66	-	7.79	
Sulphate	mg/L	2500	2720	2830	-	2530	
Total Aluminium	mg/L	0.12	1.04	0.12	-	0.65	
Total Arsenic*	mg/L	< 0.010	< 0.010	< 0.011	-	< 0.011	
Total Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0011	-	< 0.0011	
Total Kjeldahl Nitrogen	mg/L	0.5	0.7	0.3	-	0.2	
Total Lead	mg/L	< 0.010	< 0.010	< 0.011	-	< 0.011	
Total Mercury	mg/L	< 0.0001	< 0.0001	< 0.0001	-	< 0.0001	
Total Nitrogen (calc)	mg/L	0.7	1.1	1.0	-	1.7	
Total Phosphate	mg/L	0.33	0.82	0.38	-	0.75	
Total Phosphorus	mg/L	0.11	0.27	0.12	-	0.25	
Total Sulphide	mg/L	< 0.1	< 0.1	< 0.1	-	< 0.1	
Total Sulphur, S	mg/L	892	977	951	-	940	
Total Suspended Solids	mg/L	49	83	9	-	42	
Total Zinc	mg/L	< 0.052	0.053	< 0.054	-	< 0.054	

* Only required to be monitored following Sulphate of Ammonia operation but monitored routinely

** Insufficient rainfall to sample