

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	May 2026**
Date sampled	-	5/01/2026	27/02/2026	9/03/2026	-	13/05/2026	29/05/2026
Ammonia as N	mg/L	0.12	0.18	0.13	-	0.05	0.12
Dissolved Aluminium, Al	mg/L	< 0.10	< 0.10	< 0.10	-	< 0.10	< 0.10
Dissolved Arsenic, As*	mg/L	< 0.010	< 0.010	< 0.010	-	< 0.010	< 0.010
Dissolved Cadmium, Cd	mg/L	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
Dissolved Lead, Pb	mg/L	< 0.010	< 0.010	< 0.010	-	< 0.010	< 0.010
Dissolved Mercury	mg/L	< 0.0001	< 0.0001	< 0.0001	-	< 0.0001	< 0.0001
Dissolved Zinc, Zn	mg/L	< 0.050	< 0.050	< 0.050	-	< 0.050	< 0.050
Filterable Reactive Phosphorus	mg/L	0.05	0.06	0.08	-	0.21	0.23
Nitrate as N	mg/L	0.19	0.38	0.74	-	1.51	5.10
Nitrite as N	mg/L	< 0.01	< 0.01	< 0.01	-	< 0.01	< 0.01
pH	pH unit	7.97	7.83	7.66	-	7.79	7.84
Sulphate	mg/L	2500	2720	2830	-	2530	2660
Total Aluminium	mg/L	0.12	1.04	0.12	-	0.65	< 0.10
Total Arsenic*	mg/L	< 0.010	< 0.010	< 0.011	-	< 0.011	< 0.010
Total Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0011	-	< 0.0011	< 0.0010
Total Kjeldahl Nitrogen	mg/L	0.5	0.7	0.3	-	0.2	0.1
Total Lead	mg/L	< 0.010	< 0.010	< 0.011	-	< 0.011	< 0.010
Total Mercury	mg/L	< 0.0001	< 0.0001	< 0.0001	-	< 0.0001	< 0.0001
Total Nitrogen (calc)	mg/L	0.7	1.1	1.0	-	1.7	5.2
Total Phosphate	mg/L	0.33	0.82	0.38	-	0.75	0.68
Total Phosphorus	mg/L	0.11	0.27	0.12	-	0.25	0.22
Total Sulphide	mg/L	< 0.1	< 0.1	< 0.1	-	< 0.1	< 0.1
Total Sulphur, S	mg/L	892	977	951	-	940	864
Total Suspended Solids	mg/L	49	83	9	-	42	10
Total Zinc	mg/L	< 0.052	0.053	< 0.054	-	< 0.054	< 0.050

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

** Insufficient rainfall to sample, additional sample collected 29 May 2026.

Analyte	Units	June 2026					
Date sampled	-	25/06/2026					
Ammonia as N	mg/L	0.15					
Dissolved Aluminium, Al	mg/L	< 0.10					
Dissolved Arsenic, As*	mg/L	< 0.010					
Dissolved Cadmium, Cd	mg/L	< 0.0010					
Dissolved Lead, Pb	mg/L	< 0.010					
Dissolved Mercury	mg/L	< 0.0001					
Dissolved Zinc, Zn	mg/L	< 0.050					
Filterable Reactive Phosphorus	mg/L	0.12					
Nitrate as N	mg/L	0.25					
Nitrite as N	mg/L	< 0.01					
pH	pH unit	7.92					
Sulphate	mg/L	2510					
Total Aluminium	mg/L	< 0.11					
Total Arsenic*	mg/L	< 0.011					
Total Cadmium	mg/L	< 0.0011					
Total Kjeldahl Nitrogen	mg/L	0.3					
Total Lead	mg/L	< 0.011					
Total Mercury	mg/L	< 0.0001					
Total Nitrogen (calc)	mg/L	0.6					
Total Phosphate	mg/L	0.56					
Total Phosphorus	mg/L	0.18					
Total Sulphide	mg/L	< 0.1					
Total Sulphur, S	mg/L	900					
Total Suspended Solids	mg/L	27					
Total Zinc	mg/L	< 0.054					

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

** Insufficient rainfall to sample