

Environmental Protection Licence 1967

2026 Stormwater Monitoring Data

Point 1 - Berth K2 Outlet

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 1 (Google Maps, accessed 2022)

Analyte	Units	January 2026	February 2026	March 2026	April 2026**	May 2026	May 2026**
Date sampled	-	4/01/2026	27/02/2026	9/03/2026	-	13/05/2026	29/05/2026
Ammonia as N	mg/L	14.4	271	20.4	-	294	65.2
Dissolved Aluminium, Al	mg/L	< 0.01	0.03	0.03	-	0.04	0.03
Dissolved Arsenic, As*	mg/L	0.003	0.013	0.004	-	0.049	0.001
Dissolved Cadmium, Cd	mg/L	< 0.0001	< 0.0001	0.0001	-	0.0097	0.0003
Dissolved Lead, Pb	mg/L	< 0.001	< 0.001	< 0.001	-	< 0.001	< 0.001
Dissolved Mercury	mg/L	< 0.0001	< 0.0001	< 0.0001	-	< 0.0001	< 0.0001
Dissolved Zinc, Zn	mg/L	0.040	0.061	0.181	-	0.787	0.129
Filterable Reactive Phosphorus	mg/L	8.84	79.2	29.6	-	365	10.4
Nitrate as N	mg/L	0.02	0.13	0.99	-	1.18	0.08
Nitrite as N	mg/L	< 0.01	6.90	0.12	-	0.55	0.23
pH	pH unit	7.39	7.53	6.77	-	6.21	7.21
Sulfate	mg/L	692	261	65	-	670	239
Total Aluminium	mg/L	0.22	0.58	1.38	-	7.58	0.22
Total Arsenic*	mg/L	0.003	0.013	0.004	-	0.052	0.002
Total Cadmium	mg/L	0.0008	0.0009	0.0018	-	0.0286	0.0005
Total Kjeldahl Nitrogen	mg/L	37.5	301	29.8	-	470	83.1
Total Lead	mg/L	0.001	0.001	0.006	-	0.074	0.002
Total Mercury	mg/L	< 0.0001	< 0.0001	< 0.0001	-	< 0.0001	< 0.0001
Total Nitrogen (calc)	mg/L	37.5	308	30.9	-	472	83.4
Total Phosphate	mg/L	29.3	253	107	-	1540	40.4
Total Phosphorus	mg/L	9.57	82.4	34.8	-	503	13.2
Total Sulphide	mg/L	0.2	< 0.1	0.1	-	< 0.1	< 0.1
Total Sulphur, S	mg/L	236	101	26	-	230	73
Total Suspended Solids	mg/L	18	32	31	-	641	17
Total Zinc	mg/L	0.127	0.362	0.666	-	3.95	0.226

* Only required to be monitored following Sulphate of Ammonia operation but sampled 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	164					
Dissolved Aluminium, Al	mg/L	0.04					
Dissolved Arsenic, As*	mg/L	0.001					
Dissolved Cadmium, Cd	mg/L	0.0004					
Dissolved Lead, Pb	mg/L	< 0.001					
Dissolved Mercury	mg/L	< 0.0001					
Dissolved Zinc, Zn	mg/L	0.308					
Filterable Reactive Phosphorus	mg/L	7.70					
Nitrate as N	mg/L	0.39					
Nitrite as N	mg/L	0.39					
pH	pH unit	8.03					
Sulfate	mg/L	514					
Total Aluminium	mg/L	0.76					
Total Arsenic*	mg/L	0.002					
Total Cadmium	mg/L	0.0008					
Total Kjeldahl Nitrogen	mg/L	253					
Total Lead	mg/L	0.004					
Total Mercury	mg/L	< 0.0001					
Total Nitrogen (calc)	mg/L	254					
Total Phosphate	mg/L	32.9					
Total Phosphorus	mg/L	10.7					
Total Sulphide	mg/L	0.2					
Total Sulphur, S	mg/L	215					
Total Suspended Solids	mg/L	87					
Total Zinc	mg/L	0.940					

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

** Insufficient rainfall to sample