

Environmental Protection Licence 1967

2024 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 below table.

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 2024	February 2024	March 2024	April 2024	May 2024	June 2024
Date sampled	-	18/01/2024					
Date results received	-	31/01/2024					
Date published	-	19/02/2024					
Ammonia as N	mg/L	0.32					
Dissolved Aluminium, Al	mg/L	<0.1					
Dissolved Arsenic, As**	mg/L	<0.01					
Dissolved Cadmium, Cd	mg/L	<0.001					
Dissolved Lead, Pb	mg/L	<0.01					
Dissolved Mercury	mg/L	<0.0001					
Dissolved Zinc, Zn	mg/L	<0.05					
Filterable Reactive Phosphorus	mg/L	1.17					
Nitrate as N	mg/L	0.13					
Nitrite as N	mg/L	<0.05					
pH	pH unit	8.01					
Sulfate	mg/L	2,000					
Total Aluminium	mg/L	2.81					
Total Arsenic**	mg/L	<0.010					
Total Cadmium	mg/L	<0.0010					
Total Kjeldahl Nitrogen	mg/L	0.7					
Total Lead	mg/L	<0.010					
Total Mercury	mg/L	<0.0001					
Total Nitrogen (calc)	mg/L	0.8					
Total Phosphate	mg/L	3.76					
Total Phosphorus	mg/L	1.23					
Total Sulphide	mg/L	<0.1					
Total Sulphur, S	mg/L	2,760					
Total Suspended Solids	mg/L	146					
Total Zinc	mg/L	0.065					

* insufficient rainfall for sample collection

** only required to be monitored following Sulphate of Ammonia operation

Results are continued on next page.

Analyte	Units	July 2024	August 2024	Sept 2024	Oct 2024	Nov 2024	Dec 2024
Date sampled	-						
Date results received	-						
Date published	-						
Ammonia as N	mg/L						
Dissolved Aluminium, Al	mg/L						
Dissolved Arsenic, As**	mg/L						
Dissolved Cadmium, Cd	mg/L						
Dissolved Lead, Pb	mg/L						
Dissolved Mercury	mg/L						
Dissolved Zinc, Zn	mg/L						
Filterable Reactive Phosphorus	mg/L						
Nitrate as N	mg/L						
Nitrite as N	mg/L						
pH	pH unit						
Sulfate	mg/L						
Total Aluminium	mg/L						
Total Arsenic**	mg/L						
Total Cadmium	mg/L						
Total Kjeldahl Nitrogen	mg/L						
Total Lead	mg/L						
Total Mercury	mg/L						
Total Nitrogen (calc)	mg/L						
Total Phosphate	mg/L						
Total Phosphorus	mg/L						
Total Sulphide	mg/L						
Total Sulphur, S	mg/L						
Total Suspended Solids	mg/L						
Total Zinc	mg/L						

* insufficient rainfall for sample collection

** only required to be monitored following Sulphate of Ammonia operation