

Brou Landfill Facility - 3rd Quarter Result Summary - May 2025 to Jul 2025

Licensee: Eurobodalla Shire Council  
EPL No.: 5881  
Premises: Brou Landfill Facility  
Address: Brou Lake Road, Dalmeny NSW 2546  
EPL Link: <http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=32802&SYSUID=1&LICID=5881>  
POEO Public Register: <http://www.epa.nsw.gov.au/prpoeoapp/>  
Licence Period: 30-Oct-24 to 29-Oct-25  
Sample Period: 01-May-25 to 31-Jul-25 (3rd Quarter)



Anniversary Date: 30-Oct-24  
Published Date: 27-May-25

Licence Point 1 - BR809 (Upper) Groundwater Quarterly Parameters

Sample Frequency	Quarterly
Sampling Method	Grab Sample

Pollutant	Unit of Measure	Quarterly Result Sample Date 15/05/25 Obtained Date 23/05/25	Comment
Alkalinity as CaCO <sub>3</sub>	(mg/L CaCO <sub>3</sub> )	178	
Calcium (Dissolved)	(mg/L)	30.2	
Chloride	(mg/L)	550	
Magnesium	(mg/L)	41.7	
Nitrogen (Ammonia)	(mg/L)	0.02	
pH	(pH)	6.8	
Potassium	(mg/L)	5.10	
Sodium	(mg/L)	315	
Standing Water Level	(m)	25	
Sulfate	(mg/L)	34.0	
Total Dissolved Solids (TDS)	(mg/L)	1204	
Total Organic Carbon (TOC)	(mg/L)	<0.2	

Licence Point 2 - BR810 (Lower) Groundwater Quarterly Parameters

Sample Frequency	Quarterly
Sampling Method	Grab Sample

Pollutant	Unit of Measure	Quarterly Result Sample Date 15/05/25 Obtained Date 23/05/25	Comment
Alkalinity as CaCO <sub>3</sub>	(mg/L CaCO <sub>3</sub> )	143	
Calcium (Dissolved)	(mg/L)	8.24	
Chloride	(mg/L)	930	
Magnesium	(mg/L)	83.5	
Nitrogen (Ammonia)	(mg/L)	0.02	
pH	(pH)	6.9	
Potassium	(mg/L)	1.3	
Sodium	(mg/L)	534	
Standing Water Level	(m)	1	
Sulfate	(mg/L)	140	
Total Dissolved Solids (TDS)	(mg/L)	1948	
Total Organic Carbon (TOC)	(mg/L)	2.5	

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Licence Point 3 - BR811 (Mid) Groundwater Quarterly Parameters

Sample Frequency	Quarterly
Sampling Method	Grab Sample

Pollutant	Unit of Measure	Quarterly Result Sample Date 15/05/25 Obtained Date 23/05/25	Comment
Alkalinity as CaCO <sub>3</sub>	(mg/L CaCO <sub>3</sub> )	112	
Calcium (Dissolved)	(mg/L)	12.8	
Chloride	(mg/L)	1200	
Magnesium	(mg/L)	112	
Nitrogen (Ammonia)	(mg/L)	0.03	
pH	(pH)	7.6	
Potassium	(mg/L)	2.8	
Sodium	(mg/L)	549	
Standing Water Level	(m)	2.7	
Sulfate	(mg/L)	90	
Total Dissolved Solids (TDS)	(mg/L)	2244	
Total Organic Carbon (TOC)	(mg/L)	1.8	

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Licence Point 4 - BR807 Downstream Surfacewater Parameters

Sample Frequency	Weekly during any discharge
Sampling Method	Grab Sample

Pollutant	Unit of Measure	Sample Event 1 Sampling Date Obtained Date	Sample Event 2 Sampling Date Obtained Date	Comment
Alkalinity as CaCO <sub>3</sub>	(mg/L)			
Aluminium	(mg/L)			
Ammonia	(mg/L)			
Arsenic	(mg/L)			
Barium	(mg/L)			
BTEX	(mg/L)			
Cadmium	(mg/L)			
Calcium	(mg/L)			
Chloride	(mg/L)			
Chromium	(mg/L)			
Cobalt	(mg/L)			
Conductivity	(µS/cm)			
Copper	(mg/L)			
Dissolved Oxygen	(mg/L)			
Fluoride	(mg/L)			
Lead	(mg/L)			
Magnesium	(mg/L)			
Manganese	(mg/L)			
Mercury	(mg/L)			
Nitrate	(mg/L)			
Nitrite	(mg/L)			
Nitrogen (Total)	(mg/L)			
Oxidised Nitrogen	(mg/L)			
pH	pH Units			
Phosphorus (Total)	(mg/L)			
Polycyclic Aromatic Hydrocarbons	(mg/L)			
Potassium	(mg/L)			
Sodium	(mg/L)			
Sulfate	(mg/L)			
Sulfur	(mg/L)			
Total Organic Carbon	(mg/L)			
Total Petroleum Hydrocarbons	(mg/L)			
Total Suspended Solids (TSS)	(mg/L)			
Zinc	(mg/L)			

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Licence Point 5 - BR808 Upstream Surfacewater Quarterly Parameters

Sample Frequency	Weekly during any discharge
Sampling Method	Grab Sample

Pollutant	Unit of Measure	Sample Event 1 Sampling Date Obtained Date	Sample Event 2 Sampling Date	Comment
Alkalinity as CaCO <sub>3</sub>	(mg/L)			
Aluminium	(mg/L)			
Ammonia	(mg/L)			
Arsenic	(mg/L)			
Barium	(mg/L)			
BTEX	(mg/L)			
Cadmium	(mg/L)			
Chloride	(mg/L)			
Chromium	(mg/L)			
Cobalt	(mg/L)			
Conductivity	(µS/cm)			
Copper	(mg/L)			
Dissolved Oxygen	(mg/L)			
Fluoride	(mg/L)			
Lead	(mg/L)			
Magnesium	(mg/L)			
Manganese	(mg/L)			
Mercury	(mg/L)			
Nitrate	(mg/L)			
Nitrite	(mg/L)			
Nitrogen (Total)	(mg/L)			
Oxidised Nitrogen	(mg/L)			
pH	pH Units			
Phosphorus (Total)	(mg/L)			
Polycyclic Aromatic Hydrocarbons	(mg/L)			
Potassium	(mg/L)			
Sodium	(mg/L)			
Sulfate	(mg/L)			
Sulfur	(mg/L)			
Total Organic Carbon	(mg/L)			
Total Petroleum Hydrocarbons	(mg/L)			
Total Suspended Solids (TSS)	(mg/L)			
Zinc	(mg/L)			

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Licence Point 6 - BR801 Sediment Pond Quarterly Parameters

Sample Frequency	Quarterly
Sampling Method	Grab Sample

Pollutant	Unit of Measure	Quarterly Result Sample Date 15/05/25 Obtained Date 23/05/25	Additional Result Sample Date Obtained Date	Additional Result Sample Date Obtained Date	Comment
Nitrogen (Ammonia)	(mg/L)	4.25			
pH	pH Units	7.6			
Total Suspended Solids (TSS)	(mg/L)	6			