

Brou Landfill Facility - 4th Quarter Result Summary - Aug 2024 to Oct 2024



Anniversary Date: 30-Oct-23
Published Date: 14-Oct-24

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-23 to 29-Oct-24
 Sample Period: 01-Aug-24 to 29-Oct-24 (4th Quarter)

Licence Point 1 - BR809 (Upper) Groundwater Quarterly Parameters

Sample Frequency	Quarterly
Sampling Method	Grab Sample

Pollutant	Unit of Measure	Quarterly Result Sample Date 26/09/24 Obtained Date 05/10/24	Comment
Alkalinity as CaCO ₃	(mg/L CaCO ₃)	310	
Calcium (Dissolved)	(mg/L)	13.60	
Chloride	(mg/L)	810	
Magnesium	(mg/L)	115.0	
Nitrogen (Ammonia)	(mg/L)	<0.01	
pH	(pH)	6	
Potassium	(mg/L)	7.3	
Sodium	(mg/L)	328	
Standing Water Level	(m)	24.0	
Sulfate	(mg/L)	10	
Total Dissolved Solids (TDS)	(mg/L)	1636	
Total Organic Carbon (TOC)	(mg/L)	3.6	

Licence Point 2 - BR810 (Lower) Groundwater Quarterly Parameters

Sample Frequency	Quarterly
Sampling Method	Grab Sample

Pollutant	Unit of Measure	Quarterly Result Sample Date 26/09/24 Obtained Date 05/10/24	Comment
Alkalinity as CaCO ₃	(mg/L CaCO ₃)	150	
Calcium (Dissolved)	(mg/L)	8.27	
Chloride	(mg/L)	970	
Magnesium	(mg/L)	84.5	
Nitrogen (Ammonia)	(mg/L)	0.01	
pH	(pH)	7	
Potassium	(mg/L)	1.3	
Sodium	(mg/L)	540	
Standing Water Level	(m)	0.6	
Sulfate	(mg/L)	130	
Total Dissolved Solids (TDS)	(mg/L)	2088	
Total Organic Carbon (TOC)	(mg/L)	2.7	

Brou Landfill Facility - 4th Quarter Result Summary - Aug 2024 to Oct 2024

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-23 to 29-Oct-24
 Sample Period: 01-Aug-24 to 29-Oct-24 (4th Quarter)



Anniversary Date: 30-Oct-23
 Published Date: 14-Oct-24

Licence Point 3 - BR811 (Mid) Groundwater Quarterly Parameters

Sample Frequency	Quarterly
Sampling Method	Grab Sample

Pollutant	Unit of Measure	Quarterly Result		Comment
		Sample Date 26/09/24	Obtained Date 05/10/24	
Alkalinity as CaCO ₃	(mg/L CaCO ₃)	113		
Calcium (Dissolved)	(mg/L)	11.4		
Chloride	(mg/L)	1100		
Magnesium	(mg/L)	108		
Nitrogen (Ammonia)	(mg/L)	0.01		
pH	(pH)	7.2		
Potassium	(mg/L)	2.7		
Sodium	(mg/L)	544		
Standing Water Level	(m)	2		
Sulfate	(mg/L)	84		
Total Dissolved Solids (TDS)	(mg/L)	2256		
Total Organic Carbon (TOC)	(mg/L)	1.3		

Brou Landfill Facility - 4th Quarter Result Summary - Aug 2024 to Oct 2024

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-23 to 29-Oct-24
 Sample Period: 01-Aug-24 to 29-Oct-24 (4th Quarter)



Anniversary Date: 30-Oct-23
 Published Date: 14-Oct-24

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 ₃	(mg/L)			No discharge recorded during 4th Quarter
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)			

Brou Landfill Facility - 4th Quarter Result Summary - Aug 2024 to Oct 2024

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-23 to 29-Oct-24
 Sample Period: 01-Aug-24 to 29-Oct-24 (4th Quarter)



Anniversary Date: 30-Oct-23
 Published Date: 14-Oct-24

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	Sample Event 2 Sampling Date	Comment
Alkalinity as CaCO ₃	(mg/L)			No discharge recorded during 4th Quarter
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)			

Brou Landfill Facility - 4th Quarter Result Summary - Aug 2024 to Oct 2024

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-23 to 29-Oct-24
 Sample Period: 01-Aug-24 to 29-Oct-24 (4th Quarter)



Anniversary Date: 30-Oct-23
 Published Date: 14-Oct-24

Licence Point 6 - BR801 Sediment Pond Quarterly Parameters

Sample Frequency	Quarterly
Sampling Method	Grab Sample

Pollutant	Unit of Measure	Quarterly Result	Additional Result	Additional Result	Comment
		Sample Date 26/09/24 Obtained Date 13/10/24	Sample Date Obtained Date	Sample Date Obtained Date	
Nitrogen (Ammonia)	(mg/L)	14.2			
pH	pH Units	7.9			
Total Suspended Solids (TSS)	(mg/L)	40			