

Brou Landfill Facility - Quarterly Result Summary - November 2020

Licensee: Eurobodalla Shire Council
 EPL No.: 5881
 Premises: Brou Landfill Facility
 Address: Brou Lake Road, Dalmeny NSW 2546
 Licence Period: 30-Oct-20 to 29-Oct-21
 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/>
 Required Month: **Nov-20**



Anniversary Date: 30-Oct-20
 Published Date: 22-Jan-21

Licence Point 1 - BR809 Groundwater Quarterly Parameters

Sample Frequency	Quarterly
Sampling Method	Grab Sample

Pollutant	Unit of Measure	Sample Date	Quarterly Result	Obtained Date
Alkalinity as CaCO ₃	(mg/L CaCO ₃)	26-Nov-20	111.00	11-Dec-20
Calcium (Dissolved)	(mg/L)	26-Nov-20	10.20	11-Dec-20
Chloride	(mg/L)	26-Nov-20	720.00	11-Dec-20
Magnesium	(mg/L)	26-Nov-20	1.25	11-Dec-20
Nitrogen (Ammonia)	(mg/L)	26-Nov-20	<0.01	11-Dec-20
pH	(pH)	26-Nov-20	6.20	11-Dec-20
Potassium	(mg/L)	26-Nov-20	7.80	11-Dec-20
Sodium	(mg/L)	26-Nov-20	298.00	11-Dec-20
Standing Water Level	(m)	26-Nov-20	25.90	11-Dec-20
Sulfate	(mg/L)	26-Nov-20	10.00	11-Dec-20
Total Dissolved Solids (TDS)	(mg/L)	26-Nov-20	1453.00	11-Dec-20
Total Organic Carbon (TOC)	(mg/L)	26-Nov-20	1.00	11-Dec-20

Licence Point 2 - BR810 Groundwater Quarterly Parameters

Sample Frequency	Quarterly
Sampling Method	Grab Sample

Pollutant	Unit of Measure	Sample Date	Quarterly Result	Obtained Date
Alkalinity as CaCO ₃	(mg/L CaCO ₃)	26-Nov-20	135.00	11-Dec-20
Calcium (Dissolved)	(mg/L)	26-Nov-20	8.80	11-Dec-20
Chloride	(mg/L)	26-Nov-20	900.00	11-Dec-20
Magnesium	(mg/L)	26-Nov-20	90.50	11-Dec-20
Nitrogen (Ammonia)	(mg/L)	26-Nov-20	0.01	11-Dec-20
pH	(pH)	26-Nov-20	6.40	11-Dec-20
Potassium	(mg/L)	26-Nov-20	1.50	11-Dec-20
Sodium	(mg/L)	26-Nov-20	543.00	11-Dec-20
Standing Water Level	(m)	26-Nov-20	1.30	11-Dec-20
Sulfate	(mg/L)	26-Nov-20	140.00	11-Dec-20
Total Dissolved Solids (TDS)	(mg/L)	26-Nov-20	1907.00	11-Dec-20
Total Organic Carbon (TOC)	(mg/L)	26-Nov-20	3.50	11-Dec-20

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Licence Point 3 - BR811 Groundwater Quarterly Parameters

Sample Frequency	Quarterly
Sampling Method	Grab Sample

Pollutant	Unit of Measure	Sample Date	Quarterly Result	Obtained Date
Alkalinity as CaCO ₃	(mg/L CaCO ₃)	26-Nov-20	119.00	11-Dec-20
Calcium (Dissolved)	(mg/L)	26-Nov-20	12.10	11-Dec-20
Chloride	(mg/L)	26-Nov-20	960.00	11-Dec-20
Magnesium	(mg/L)	26-Nov-20	96.60	11-Dec-20
Nitrogen (Ammonia)	(mg/L)	26-Nov-20	0.01	11-Dec-20
pH	(pH)	26-Nov-20	6.40	11-Dec-20
Potassium	(mg/L)	26-Nov-20	2.40	11-Dec-20
Sodium	(mg/L)	26-Nov-20	524.00	11-Dec-20
Standing Water Level	(m)	26-Nov-20	3.55	11-Dec-20
Sulfate	(mg/L)	26-Nov-20	110.00	11-Dec-20
Total Dissolved Solids (TDS)	(mg/L)	26-Nov-20	1890.00	11-Dec-20
Total Organic Carbon (TOC)	(mg/L)	26-Nov-20	2.80	11-Dec-20

Licence Point 4 - BR807 Downstream Surfacewater Quarterly Parameters

Sample Frequency	Quarterly
Sampling Method	Grab Sample

Pollutant	Unit of Measure	Sample Date	Quarterly Result	Obtained Date	Comment
Nitrogen (Ammonia)	(mg/L)	-	-	-	Dry site - no sample collected
Conductivity	(µS/cm)	-	-	-	Dry site - no sample collected
Dissolved Oxygen	(mg/L)	-	-	-	Dry site - no sample collected
Nitrogen (Total)	(mg/L)	-	-	-	Dry site - no sample collected
Total Suspended Solids (TSS)	(mg/L)	-	-	-	Dry site - no sample collected

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Licence Point 5 - BR808 Upstream Surfacewater Quarterly Parameters

Sample Frequency	Quarterly
Sampling Method	Grab Sample

Pollutant	Unit of Measure	Sample Date	Quarterly Result	Obtained Date	Comment
Nitrogen (Ammonia)	(mg/L)	-	-	-	Dry site - no sample collected
Conductivity	(µS/cm)	-	-	-	Dry site - no sample collected
Dissolved Oxygen	(mg/L)	-	-	-	Dry site - no sample collected
Nitrogen (Total)	(mg/L)	-	-	-	Dry site - no sample collected
Total Suspended Solids (TSS)	(mg/L)	-	-	-	Dry site - no sample collected

Licence Point 6 - BR801 Stormwater Quarterly Parameters

Sample Frequency	Quarterly
Sampling Method	Grab Sample

Pollutant	Unit of Measure	Sample Date	Quarterly Result	Obtained Date	Comment
Nitrogen (Ammonia)	(mg/L CaCO ₃)	26-Nov-20	0.20	9-Dec-20	-
pH	(mg/L)	26-Nov-20	8.30	9-Dec-20	-
Total Suspended Solids (TSS)	(mg/L)	26-Nov-20	7.0	9-Dec-20	-