

Brou Landfill Facility - Quarterly Result Summary - November 2019

Licensee: Eurobodalla Shire Council
 EPL No.: 5881
 Premises: Brou Landfill Facility
 Address: Brou Lake Road, Dalmeny NSW 2546
 Licence Period: 30-Oct-18 to 29-Oct-19
 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-19**



Anniversary Date: 30-Oct-18
 Published Date: 19-Dec-19

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)	28-Nov-19	118.00	6-Dec-19
Calcium (Dissolved)	(mg/L)	28-Nov-19	10.00	6-Dec-19
Chloride	(mg/L)	28-Nov-19	780.00	6-Dec-19
Magnesium	(mg/L)	28-Nov-19	130.00	6-Dec-19
Nitrogen (Ammonia)	(mg/L)	28-Nov-19	<0.01	6-Dec-19
pH	(pH)	28-Nov-19	6.90	6-Dec-19
Potassium	(mg/L)	28-Nov-19	7.60	6-Dec-19
Sodium	(mg/L)	28-Nov-19	287.00	6-Dec-19
Standing Water Level	(m)	28-Nov-19	26.00	6-Dec-19
Sulfate	(mg/L)	28-Nov-19	6.40	6-Dec-19
Total Dissolved Solids (TDS)	(mg/L)	28-Nov-19	1404.00	6-Dec-19
Total Organic Carbon (TOC)	(mg/L)	28-Nov-19	0.80	6-Dec-19

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)	4-Dec-19	143.00	19-Dec-19
Calcium (Dissolved)	(mg/L)	4-Dec-19	6.38	19-Dec-19
Chloride	(mg/L)	4-Dec-19	1000.00	19-Dec-19
Magnesium	(mg/L)	4-Dec-19	85.60	19-Dec-19
Nitrogen (Ammonia)	(mg/L)	4-Dec-19	<0.01	19-Dec-19
pH	(pH)	4-Dec-19	7.00	19-Dec-19
Potassium	(mg/L)	4-Dec-19	1.44	19-Dec-19
Sodium	(mg/L)	4-Dec-19	629.00	19-Dec-19
Standing Water Level	(m)	4-Dec-19	2.30	19-Dec-19
Sulfate	(mg/L)	4-Dec-19	140.00	19-Dec-19
Total Dissolved Solids (TDS)	(mg/L)	4-Dec-19	2165.00	19-Dec-19
Total Organic Carbon (TOC)	(mg/L)	4-Dec-19	3.50	19-Dec-19

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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)	28-Nov-19	120.00	6-Dec-19
Calcium (Dissolved)	(mg/L)	28-Nov-19	9.41	6-Dec-19
Chloride	(mg/L)	28-Nov-19	970.00	6-Dec-19
Magnesium	(mg/L)	28-Nov-19	99.30	6-Dec-19
Nitrogen (Ammonia)	(mg/L)	28-Nov-19	0.01	6-Dec-19
pH	(pH)	28-Nov-19	7.70	6-Dec-19
Potassium	(mg/L)	28-Nov-19	2.50	6-Dec-19
Sodium	(mg/L)	28-Nov-19	509.00	6-Dec-19
Standing Water Level	(m)	28-Nov-19	4.30	6-Dec-19
Sulfate	(mg/L)	28-Nov-19	100.00	6-Dec-19
Total Dissolved Solids (TDS)	(mg/L)	28-Nov-19	1810.00	6-Dec-19
Total Organic Carbon (TOC)	(mg/L)	28-Nov-19	2.10	6-Dec-19

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)	28-Nov-19	No Result		Dry - no sample
Conductivity	(µS/cm)	28-Nov-19	No Result		Dry - no sample
Dissolved Oxygen	(mg/L)	28-Nov-19	No Result		Dry - no sample
Nitrogen (Total)	(mg/L)	28-Nov-19	No Result		Dry - no sample
Total Suspended Solids (TSS)	(mg/L)	28-Nov-19	No Result		Dry - no sample

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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)	28-Nov-19	No Result		Dry - no sample
Conductivity	(µS/cm)	28-Nov-19	No Result		Dry - no sample
Dissolved Oxygen	(mg/L)	28-Nov-19	No Result		Dry - no sample
Nitrogen (Total)	(mg/L)	28-Nov-19	No Result		Dry - no sample
Total Suspended Solids (TSS)	(mg/L)	28-Nov-19	No Result		Dry - no sample

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)	4-Dec-19	<0.01	12-Dec-19	-
pH	(mg/L)	4-Dec-19	9.10	12-Dec-19	-
Total Suspended Solids (TSS)	(mg/L)	4-Dec-19	16.0	12-Dec-19	-