

Brou Landfill Facility - Quarterly Result Summary - November 2018

Licensee: Eurobodalla Shire Council
 EPL No.: 5881
 Premises: Brou Landfill Facility
 Address: Brou Lake Road, Dalmeny NSW 2546
 Licence Period: 30-Oct-17 to 29-Oct-18
 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-18**



Anniversary Date: 30-Oct-17
 Published Date: 23-Jan-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)	27-Nov-18	115.00	5-Dec-18
Calcium (Dissolved)	(mg/L)	27-Nov-18	9.25	5-Dec-18
Chloride	(mg/L)	27-Nov-18	710.00	5-Dec-18
Magnesium	(mg/L)	27-Nov-18	115.00	5-Dec-18
Nitrogen (Ammonia)	(mg/L)	27-Nov-18	<0.01	5-Dec-18
pH	(pH)	27-Nov-18	6.30	5-Dec-18
Potassium	(mg/L)	27-Nov-18	7.00	5-Dec-18
Sodium	(mg/L)	27-Nov-18	267.00	5-Dec-18
Standing Water Level	(m)	27-Nov-18	25.40	5-Dec-18
Sulfate	(mg/L)	27-Nov-18	8.70	5-Dec-18
Total Dissolved Solids (TDS)	(mg/L)	27-Nov-18	1552.00	5-Dec-18
Total Organic Carbon (TOC)	(mg/L)	27-Nov-18	<0.2	5-Dec-18

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)	27-Nov-18	138.00	5-Dec-18
Calcium (Dissolved)	(mg/L)	27-Nov-18	8.79	5-Dec-18
Chloride	(mg/L)	27-Nov-18	970.00	5-Dec-18
Magnesium	(mg/L)	27-Nov-18	90.80	5-Dec-18
Nitrogen (Ammonia)	(mg/L)	27-Nov-18	0.02	5-Dec-18
pH	(pH)	27-Nov-18	6.70	5-Dec-18
Potassium	(mg/L)	27-Nov-18	1.30	5-Dec-18
Sodium	(mg/L)	27-Nov-18	545.00	5-Dec-18
Standing Water Level	(m)	27-Nov-18	1.70	5-Dec-18
Sulfate	(mg/L)	27-Nov-18	140.00	5-Dec-18
Total Dissolved Solids (TDS)	(mg/L)	27-Nov-18	1984.00	5-Dec-18
Total Organic Carbon (TOC)	(mg/L)	27-Nov-18	2.40	5-Dec-18

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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)	27-Nov-18	121.00	5-Dec-18
Calcium (Dissolved)	(mg/L)	27-Nov-18	9.31	5-Dec-18
Chloride	(mg/L)	27-Nov-18	980.00	5-Dec-18
Magnesium	(mg/L)	27-Nov-18	95.90	5-Dec-18
Nitrogen (Ammonia)	(mg/L)	27-Nov-18	<0.01	5-Dec-18
pH	(pH)	27-Nov-18	6.60	5-Dec-18
Potassium	(mg/L)	27-Nov-18	2.30	5-Dec-18
Sodium	(mg/L)	27-Nov-18	521.00	5-Dec-18
Standing Water Level	(m)	27-Nov-18	3.60	5-Dec-18
Sulfate	(mg/L)	27-Nov-18	100.00	5-Dec-18
Total Dissolved Solids (TDS)	(mg/L)	27-Nov-18	1924.00	5-Dec-18
Total Organic Carbon (TOC)	(mg/L)	27-Nov-18	1.30	5-Dec-18

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-18	0.01	6-Dec-18	-
Conductivity	(µS/cm)	28-Nov-18	44.00	6-Dec-18	-
Dissolved Oxygen	(mg/L)	28-Nov-18	8.72	6-Dec-18	DO - field readings only
Nitrogen (Total)	(mg/L)	28-Nov-18	1.52	6-Dec-18	-
Total Suspended Solids (TSS)	(mg/L)	28-Nov-18	27.00	6-Dec-18	-

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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-18	0.03	6-Dec-18	-
Conductivity	(µS/cm)	28-Nov-18	8.00	6-Dec-18	-
Dissolved Oxygen	(mg/L)	28-Nov-18	10.95	6-Dec-18	DO - field readings only
Nitrogen (Total)	(mg/L)	28-Nov-18	0.77	6-Dec-18	-
Total Suspended Solids (TSS)	(mg/L)	28-Nov-18	70.00	6-Dec-18	-

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)	27-Nov-18	<0.1	4-Dec-18	-
pH	(mg/L)	27-Nov-18	8.40	4-Dec-18	-
Total Suspended Solids (TSS)	(mg/L)	27-Nov-18	19.0	4-Dec-18	-