

Brou Landfill Facility - Quarterly Result Summary - May 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: **May-18**



Anniversary Date: 30-Oct-17
 Published Date: 15-Jun-18

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)	30-May-18	121.00	8-Jun-18
Calcium (Dissolved)	(mg/L)	30-May-18	7.35	8-Jun-18
Chloride	(mg/L)	30-May-18	810.00	8-Jun-18
Magnesium	(mg/L)	30-May-18	92.20	8-Jun-18
Nitrogen (Ammonia)	(mg/L)	30-May-18	<0.01	8-Jun-18
pH	(pH)	30-May-18	6.40	8-Jun-18
Potassium	(mg/L)	30-May-18	5.80	8-Jun-18
Sodium	(mg/L)	30-May-18	231.00	8-Jun-18
Standing Water Level	(m)	30-May-18	25.10	8-Jun-18
Sulfate	(mg/L)	30-May-18	9.00	8-Jun-18
Total Dissolved Solids (TDS)	(mg/L)	30-May-18	1312.00	8-Jun-18
Total Organic Carbon (TOC)	(mg/L)	30-May-18	2.90	8-Jun-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)	30-May-18	144.00	8-Jun-18
Calcium (Dissolved)	(mg/L)	30-May-18	7.58	8-Jun-18
Chloride	(mg/L)	30-May-18	1200.00	8-Jun-18
Magnesium	(mg/L)	30-May-18	79.00	8-Jun-18
Nitrogen (Ammonia)	(mg/L)	30-May-18	0.02	8-Jun-18
pH	(pH)	30-May-18	6.80	8-Jun-18
Potassium	(mg/L)	30-May-18	1.20	8-Jun-18
Sodium	(mg/L)	30-May-18	474.00	8-Jun-18
Standing Water Level	(m)	30-May-18	1.20	8-Jun-18
Sulfate	(mg/L)	30-May-18	150.00	8-Jun-18
Total Dissolved Solids (TDS)	(mg/L)	30-May-18	1992.00	8-Jun-18
Total Organic Carbon (TOC)	(mg/L)	30-May-18	3.10	8-Jun-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)	30-May-18	132.00	8-Jun-18
Calcium (Dissolved)	(mg/L)	30-May-18	9.11	8-Jun-18
Chloride	(mg/L)	30-May-18	1100.00	8-Jun-18
Magnesium	(mg/L)	30-May-18	77.90	8-Jun-18
Nitrogen (Ammonia)	(mg/L)	30-May-18	0.01	8-Jun-18
pH	(pH)	30-May-18	6.80	8-Jun-18
Potassium	(mg/L)	30-May-18	2.00	8-Jun-18
Sodium	(mg/L)	30-May-18	441.00	8-Jun-18
Standing Water Level	(m)	30-May-18	3.10	8-Jun-18
Sulfate	(mg/L)	30-May-18	110.00	8-Jun-18
Total Dissolved Solids (TDS)	(mg/L)	30-May-18	1796.00	8-Jun-18
Total Organic Carbon (TOC)	(mg/L)	30-May-18	2.90	8-Jun-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)	30-May-18	No Result		Dry - no sample
Conductivity	(µS/cm)	30-May-18	No Result		Dry - no sample
Dissolved Oxygen	(mg/L)	30-May-18	No Result		Dry - no sample
Nitrogen (Total)	(mg/L)	30-May-18	No Result		Dry - no sample
Total Suspended Solids (TSS)	(mg/L)	30-May-18	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)	30-May-18	No Result		Dry - no sample
Conductivity	(µS/cm)	30-May-18	No Result		Dry - no sample
Dissolved Oxygen	(mg/L)	30-May-18	No Result		Dry - no sample
Nitrogen (Total)	(mg/L)	30-May-18	No Result		Dry - no sample
Total Suspended Solids (TSS)	(mg/L)	30-May-18	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)	30-May-18	1.30	7-Jun-18	-
pH	(mg/L)	30-May-18	8.10	7-Jun-18	-
Total Suspended Solids (TSS)	(mg/L)	30-May-18	3.0	7-Jun-18	-