

Brou Landfill Facility - Quarterly Result Summary - August 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: **Aug-18**



Anniversary Date: 30-Oct-17
 Published Date: 6-Sep-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)	29-Aug-18	121.00	6-Sep-18
Calcium (Dissolved)	(mg/L)	29-Aug-18	3.62	6-Sep-18
Chloride	(mg/L)	29-Aug-18	690.00	6-Sep-18
Magnesium	(mg/L)	29-Aug-18	128.00	6-Sep-18
Nitrogen (Ammonia)	(mg/L)	29-Aug-18	<0.01	6-Sep-18
pH	(pH)	29-Aug-18	6.40	6-Sep-18
Potassium	(mg/L)	29-Aug-18	7.43	6-Sep-18
Sodium	(mg/L)	29-Aug-18	305.00	6-Sep-18
Standing Water Level	(m)	29-Aug-18	25.20	6-Sep-18
Sulfate	(mg/L)	29-Aug-18	8.30	6-Sep-18
Total Dissolved Solids (TDS)	(mg/L)	29-Aug-18	1382.00	6-Sep-18
Total Organic Carbon (TOC)	(mg/L)	29-Aug-18	3.60	6-Sep-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)	29-Aug-18	144.00	6-Sep-18
Calcium (Dissolved)	(mg/L)	29-Aug-18	2.66	6-Sep-18
Chloride	(mg/L)	29-Aug-18	960.00	6-Sep-18
Magnesium	(mg/L)	29-Aug-18	102.00	6-Sep-18
Nitrogen (Ammonia)	(mg/L)	29-Aug-18	0.01	6-Sep-18
pH	(pH)	29-Aug-18	6.80	6-Sep-18
Potassium	(mg/L)	29-Aug-18	1.48	6-Sep-18
Sodium	(mg/L)	29-Aug-18	635.00	6-Sep-18
Standing Water Level	(m)	29-Aug-18	1.70	6-Sep-18
Sulfate	(mg/L)	29-Aug-18	140.00	6-Sep-18
Total Dissolved Solids (TDS)	(mg/L)	29-Aug-18	1960.00	6-Sep-18
Total Organic Carbon (TOC)	(mg/L)	29-Aug-18	3.50	6-Sep-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)	29-Aug-18	130.00	6-Sep-18
Calcium (Dissolved)	(mg/L)	29-Aug-18	2.80	6-Sep-18
Chloride	(mg/L)	29-Aug-18	950.00	6-Sep-18
Magnesium	(mg/L)	29-Aug-18	107.00	6-Sep-18
Nitrogen (Ammonia)	(mg/L)	29-Aug-18	0.01	6-Sep-18
pH	(pH)	29-Aug-18	6.80	6-Sep-18
Potassium	(mg/L)	29-Aug-18	2.62	6-Sep-18
Sodium	(mg/L)	29-Aug-18	606.00	6-Sep-18
Standing Water Level	(m)	29-Aug-18	3.50	6-Sep-18
Sulfate	(mg/L)	29-Aug-18	100.00	6-Sep-18
Total Dissolved Solids (TDS)	(mg/L)	29-Aug-18	1908.00	6-Sep-18
Total Organic Carbon (TOC)	(mg/L)	29-Aug-18	2.30	6-Sep-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)	29-Aug-18	No Result		Dry - no sample
Conductivity	(µS/cm)	29-Aug-18	No Result		Dry - no sample
Dissolved Oxygen	(mg/L)	29-Aug-18	No Result		Dry - no sample
Nitrogen (Total)	(mg/L)	29-Aug-18	No Result		Dry - no sample
Total Suspended Solids (TSS)	(mg/L)	29-Aug-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)	29-Aug-18	No Result		Dry - no sample
Conductivity	(µS/cm)	29-Aug-18	No Result		Dry - no sample
Dissolved Oxygen	(mg/L)	29-Aug-18	No Result		Dry - no sample
Nitrogen (Total)	(mg/L)	29-Aug-18	No Result		Dry - no sample
Total Suspended Solids (TSS)	(mg/L)	29-Aug-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)	29-Aug-18	0.82	6-Sep-18	-
pH	(mg/L)	29-Aug-18	8.00	6-Sep-18	-
Total Suspended Solids (TSS)	(mg/L)	29-Aug-18	3.0	6-Sep-18	-