

Brou Landfill Facility - Quarterly Result Summary - August 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: **Aug-19**



Anniversary Date: 30-Oct-18
 Published Date: 20-Sep-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)	29-Aug-19	113.00	11-Sep-19
Calcium (Dissolved)	(mg/L)	29-Aug-19	9.16	11-Sep-19
Chloride	(mg/L)	29-Aug-19	800.00	11-Sep-19
Magnesium	(mg/L)	29-Aug-19	112.00	11-Sep-19
Nitrogen (Ammonia)	(mg/L)	29-Aug-19	0.01	11-Sep-19
pH	(pH)	29-Aug-19	6.40	11-Sep-19
Potassium	(mg/L)	29-Aug-19	7.50	11-Sep-19
Sodium	(mg/L)	29-Aug-19	276.00	11-Sep-19
Standing Water Level	(m)	29-Aug-19	25.70	11-Sep-19
Sulfate	(mg/L)	29-Aug-19	7.40	11-Sep-19
Total Dissolved Solids (TDS)	(mg/L)	29-Aug-19	1442.00	11-Sep-19
Total Organic Carbon (TOC)	(mg/L)	29-Aug-19	<0.20	11-Sep-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)	29-Aug-19	135.00	11-Sep-19
Calcium (Dissolved)	(mg/L)	29-Aug-19	8.90	11-Sep-19
Chloride	(mg/L)	29-Aug-19	1000.00	11-Sep-19
Magnesium	(mg/L)	29-Aug-19	90.00	11-Sep-19
Nitrogen (Ammonia)	(mg/L)	29-Aug-19	0.01	11-Sep-19
pH	(pH)	29-Aug-19	6.50	11-Sep-19
Potassium	(mg/L)	29-Aug-19	1.80	11-Sep-19
Sodium	(mg/L)	29-Aug-19	524.00	11-Sep-19
Standing Water Level	(m)	29-Aug-19	1.80	11-Sep-19
Sulfate	(mg/L)	29-Aug-19	130.00	11-Sep-19
Total Dissolved Solids (TDS)	(mg/L)	29-Aug-19	1962.00	11-Sep-19
Total Organic Carbon (TOC)	(mg/L)	29-Aug-19	0.50	11-Sep-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)	29-Aug-19	121.00	11-Sep-19
Calcium (Dissolved)	(mg/L)	29-Aug-19	9.05	11-Sep-19
Chloride	(mg/L)	29-Aug-19	1000.00	11-Sep-19
Magnesium	(mg/L)	29-Aug-19	94.30	11-Sep-19
Nitrogen (Ammonia)	(mg/L)	29-Aug-19	0.02	11-Sep-19
pH	(pH)	29-Aug-19	6.60	11-Sep-19
Potassium	(mg/L)	29-Aug-19	2.70	11-Sep-19
Sodium	(mg/L)	29-Aug-19	493.00	11-Sep-19
Standing Water Level	(m)	29-Aug-19	3.85	11-Sep-19
Sulfate	(mg/L)	29-Aug-19	98.00	11-Sep-19
Total Dissolved Solids (TDS)	(mg/L)	29-Aug-19	1936.00	11-Sep-19
Total Organic Carbon (TOC)	(mg/L)	29-Aug-19	0.60	11-Sep-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)	29-Aug-19	No Result		Dry - no sample
Conductivity	(µS/cm)	29-Aug-19	No Result		Dry - no sample
Dissolved Oxygen	(mg/L)	29-Aug-19	No Result		Dry - no sample
Nitrogen (Total)	(mg/L)	29-Aug-19	No Result		Dry - no sample
Total Suspended Solids (TSS)	(mg/L)	29-Aug-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)	29-Aug-19	No Result		Dry - no sample
Conductivity	(µS/cm)	29-Aug-19	No Result		Dry - no sample
Dissolved Oxygen	(mg/L)	29-Aug-19	No Result		Dry - no sample
Nitrogen (Total)	(mg/L)	29-Aug-19	No Result		Dry - no sample
Total Suspended Solids (TSS)	(mg/L)	29-Aug-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)	29-Aug-19	0.01	10-Sep-19	-
pH	(mg/L)	29-Aug-19	9.60	10-Sep-19	-
Total Suspended Solids (TSS)	(mg/L)	29-Aug-19	<2	10-Sep-19	-