

Brou Landfill Facility - Quarterly Result Summary - February 2020

Licensee: Eurobodalla Shire Council
 EPL No.: 5881
 Premises: Brou Landfill Facility
 Address: Brou Lake Road, Dalmeny NSW 2546
 Licence Period: 30-Oct-19 to 29-Oct-20
 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: **Feb-20**



Anniversary Date: 30-Oct-19
 Published Date: 30-Mar-20

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)	26-Feb-20	118.00	6-Mar-20
Calcium (Dissolved)	(mg/L)	26-Feb-20	9.26	6-Mar-20
Chloride	(mg/L)	26-Feb-20	780.00	6-Mar-20
Magnesium	(mg/L)	26-Feb-20	117.00	6-Mar-20
Nitrogen (Ammonia)	(mg/L)	26-Feb-20	<0.01	6-Mar-20
pH	(pH)	26-Feb-20	7.60	6-Mar-20
Potassium	(mg/L)	26-Feb-20	7.20	6-Mar-20
Sodium	(mg/L)	26-Feb-20	281.00	6-Mar-20
Standing Water Level	(m)	26-Feb-20	26.10	6-Mar-20
Sulfate	(mg/L)	26-Feb-20	10.00	6-Mar-20
Total Dissolved Solids (TDS)	(mg/L)	26-Feb-20	1475.00	6-Mar-20
Total Organic Carbon (TOC)	(mg/L)	26-Feb-20	<0.2	6-Mar-20

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)	26-Feb-20	146.00	6-Mar-20
Calcium (Dissolved)	(mg/L)	26-Feb-20	8.44	6-Mar-20
Chloride	(mg/L)	26-Feb-20	1100.00	6-Mar-20
Magnesium	(mg/L)	26-Feb-20	105.00	6-Mar-20
Nitrogen (Ammonia)	(mg/L)	26-Feb-20	0.04	6-Mar-20
pH	(pH)	26-Feb-20	8.20	6-Mar-20
Potassium	(mg/L)	26-Feb-20	8.60	6-Mar-20
Sodium	(mg/L)	26-Feb-20	630.00	6-Mar-20
Standing Water Level	(m)	26-Feb-20	2.50	6-Mar-20
Sulfate	(mg/L)	26-Feb-20	140.00	6-Mar-20
Total Dissolved Solids (TDS)	(mg/L)	26-Feb-20	2090.00	6-Mar-20
Total Organic Carbon (TOC)	(mg/L)	26-Feb-20	2.00	6-Mar-20

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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)	26-Feb-20	125.00	6-Mar-20
Calcium (Dissolved)	(mg/L)	26-Feb-20	14.50	6-Mar-20
Chloride	(mg/L)	26-Feb-20	1100.00	6-Mar-20
Magnesium	(mg/L)	26-Feb-20	96.00	6-Mar-20
Nitrogen (Ammonia)	(mg/L)	26-Feb-20	0.01	6-Mar-20
pH	(pH)	26-Feb-20	8.00	6-Mar-20
Potassium	(mg/L)	26-Feb-20	2.50	6-Mar-20
Sodium	(mg/L)	26-Feb-20	504.00	6-Mar-20
Standing Water Level	(m)	26-Feb-20	4.70	6-Mar-20
Sulfate	(mg/L)	26-Feb-20	100.00	6-Mar-20
Total Dissolved Solids (TDS)	(mg/L)	26-Feb-20	1775.00	6-Mar-20
Total Organic Carbon (TOC)	(mg/L)	26-Feb-20	0.50	6-Mar-20

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)	12-Feb-20	0.10	21-Feb-20	DO - field readings only
Conductivity	(µS/cm)	12-Feb-20	96.30	21-Feb-20	DO - field readings only
Dissolved Oxygen	(mg/L)	12-Feb-20	8.36	21-Feb-20	DO - field readings only
Nitrogen (Total)	(mg/L)	12-Feb-20	3.84	21-Feb-20	DO - field readings only
Total Suspended Solids (TSS)	(mg/L)	12-Feb-20	8.00	21-Feb-20	DO - field readings only

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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)	12-Feb-20	No Result		Dry - no sample
Conductivity	(µS/cm)	12-Feb-20	No Result		Dry - no sample
Dissolved Oxygen	(mg/L)	12-Feb-20	No Result		Dry - no sample
Nitrogen (Total)	(mg/L)	12-Feb-20	No Result		Dry - no sample
Total Suspended Solids (TSS)	(mg/L)	12-Feb-20	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)	18-Mar-20	0.01	28-Mar-20	
pH	(mg/L)	18-Mar-20	8.60	28-Mar-20	
Total Suspended Solids (TSS)	(mg/L)	18-Mar-20	8.0	28-Mar-20	