

Brou Landfill Facility - Quarterly Result Summary - May 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: **May-20**



Anniversary Date: 30-Oct-19
 Published Date: 12-Aug-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-May-20	113.00	11-Jun-20
Calcium (Dissolved)	(mg/L)	26-May-20	9.71	11-Jun-20
Chloride	(mg/L)	26-May-20	780.00	11-Jun-20
Magnesium	(mg/L)	26-May-20	125.00	11-Jun-20
Nitrogen (Ammonia)	(mg/L)	26-May-20	<0.01	11-Jun-20
pH	(pH)	26-May-20	6.20	11-Jun-20
Potassium	(mg/L)	26-May-20	7.40	11-Jun-20
Sodium	(mg/L)	26-May-20	291.00	11-Jun-20
Standing Water Level	(m)	26-May-20	26.40	11-Jun-20
Sulfate	(mg/L)	26-May-20	7.10	11-Jun-20
Total Dissolved Solids (TDS)	(mg/L)	26-May-20	1470.00	11-Jun-20
Total Organic Carbon (TOC)	(mg/L)	26-May-20	2.00	11-Jun-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-May-20	137.00	11-Jun-20
Calcium (Dissolved)	(mg/L)	26-May-20	8.37	11-Jun-20
Chloride	(mg/L)	26-May-20	960.00	11-Jun-20
Magnesium	(mg/L)	26-May-20	88.00	11-Jun-20
Nitrogen (Ammonia)	(mg/L)	26-May-20	0.02	11-Jun-20
pH	(pH)	26-May-20	6.50	11-Jun-20
Potassium	(mg/L)	26-May-20	1.50	11-Jun-20
Sodium	(mg/L)	26-May-20	539.00	11-Jun-20
Standing Water Level	(m)	26-May-20	2.40	11-Jun-20
Sulfate	(mg/L)	26-May-20	100.00	11-Jun-20
Total Dissolved Solids (TDS)	(mg/L)	26-May-20	1980.00	11-Jun-20
Total Organic Carbon (TOC)	(mg/L)	26-May-20	1.40	11-Jun-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-May-20	119.00	11-Jun-20
Calcium (Dissolved)	(mg/L)	26-May-20	9.74	11-Jun-20
Chloride	(mg/L)	26-May-20	1100.00	11-Jun-20
Magnesium	(mg/L)	26-May-20	98.60	11-Jun-20
Nitrogen (Ammonia)	(mg/L)	26-May-20	0.01	11-Jun-20
pH	(pH)	26-May-20	6.40	11-Jun-20
Potassium	(mg/L)	26-May-20	2.40	11-Jun-20
Sodium	(mg/L)	26-May-20	538.00	11-Jun-20
Standing Water Level	(m)	26-May-20	4.65	11-Jun-20
Sulfate	(mg/L)	26-May-20	76.00	11-Jun-20
Total Dissolved Solids (TDS)	(mg/L)	26-May-20	1960.00	11-Jun-20
Total Organic Carbon (TOC)	(mg/L)	26-May-20	1.40	11-Jun-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)	27-Jul-20	0.05	6-Aug-20	-
Conductivity	(µS/cm)	27-Jul-20	334.00	6-Aug-20	-
Dissolved Oxygen	(mg/L)	27-Jul-20	12.55	6-Aug-20	-
Nitrogen (Total)	(mg/L)	27-Jul-20	2.74	6-Aug-20	-
Total Suspended Solids (TSS)	(mg/L)	27-Jul-20	320.00	6-Aug-20	-

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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)	27-Jul-20	0.01	6-Aug-20	-
Conductivity	(µS/cm)	27-Jul-20	99.00	6-Aug-20	-
Dissolved Oxygen	(mg/L)	27-Jul-20	12.12	6-Aug-20	-
Nitrogen (Total)	(mg/L)	27-Jul-20	1.08	6-Aug-20	-
Total Suspended Solids (TSS)	(mg/L)	27-Jul-20	590.00	6-Aug-20	-

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)	26-May-20	<0.01	3-Jun-20	-
pH	(mg/L)	26-May-20	9.30	3-Jun-20	-
Total Suspended Solids (TSS)	(mg/L)	26-May-20	4.0	3-Jun-20	-