

Brou Landfill Facility - Quarterly Result Summary - August 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: **Aug-20**



Anniversary Date: 30-Oct-19
 Published Date: 21-Oct-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-Aug-20	113.00	7-Sep-20
Calcium (Dissolved)	(mg/L)	26-Aug-20	9.66	7-Sep-20
Chloride	(mg/L)	26-Aug-20	720.00	7-Sep-20
Magnesium	(mg/L)	26-Aug-20	119.00	7-Sep-20
Nitrogen (Ammonia)	(mg/L)	26-Aug-20	<0.01	7-Sep-20
pH	(pH)	26-Aug-20	6.40	7-Sep-20
Potassium	(mg/L)	26-Aug-20	7.70	7-Sep-20
Sodium	(mg/L)	26-Aug-20	286.00	7-Sep-20
Standing Water Level	(m)	26-Aug-20	26.45	7-Sep-20
Sulfate	(mg/L)	26-Aug-20	9.60	7-Sep-20
Total Dissolved Solids (TDS)	(mg/L)	26-Aug-20	1365.00	7-Sep-20
Total Organic Carbon (TOC)	(mg/L)	26-Aug-20	1.10	7-Sep-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-Aug-20	137.00	7-Sep-20
Calcium (Dissolved)	(mg/L)	26-Aug-20	8.71	7-Sep-20
Chloride	(mg/L)	26-Aug-20	970.00	7-Sep-20
Magnesium	(mg/L)	26-Aug-20	88.00	7-Sep-20
Nitrogen (Ammonia)	(mg/L)	26-Aug-20	0.01	7-Sep-20
pH	(pH)	26-Aug-20	6.40	7-Sep-20
Potassium	(mg/L)	26-Aug-20	1.70	7-Sep-20
Sodium	(mg/L)	26-Aug-20	535.00	7-Sep-20
Standing Water Level	(m)	26-Aug-20	1.60	7-Sep-20
Sulfate	(mg/L)	26-Aug-20	140.00	7-Sep-20
Total Dissolved Solids (TDS)	(mg/L)	26-Aug-20	1860.00	7-Sep-20
Total Organic Carbon (TOC)	(mg/L)	26-Aug-20	2.70	7-Sep-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-Aug-20	117.00	7-Sep-20
Calcium (Dissolved)	(mg/L)	26-Aug-20	9.69	7-Sep-20
Chloride	(mg/L)	26-Aug-20	1000.00	7-Sep-20
Magnesium	(mg/L)	26-Aug-20	98.00	7-Sep-20
Nitrogen (Ammonia)	(mg/L)	26-Aug-20	0.02	7-Sep-20
pH	(pH)	26-Aug-20	6.40	7-Sep-20
Potassium	(mg/L)	26-Aug-20	2.80	7-Sep-20
Sodium	(mg/L)	26-Aug-20	521.00	7-Sep-20
Standing Water Level	(m)	26-Aug-20	3.20	7-Sep-20
Sulfate	(mg/L)	26-Aug-20	120.00	7-Sep-20
Total Dissolved Solids (TDS)	(mg/L)	26-Aug-20	1910.00	7-Sep-20
Total Organic Carbon (TOC)	(mg/L)	26-Aug-20	3.30	7-Sep-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)	11-Aug-20	0.01	22-Aug-20	-
Conductivity	(µS/cm)	11-Aug-20	51.00	22-Aug-20	-
Dissolved Oxygen	(mg/L)	11-Aug-20	10.41	22-Aug-20	-
Nitrogen (Total)	(mg/L)	11-Aug-20	1.32	22-Aug-20	-
Total Suspended Solids (TSS)	(mg/L)	11-Aug-20	15.00	22-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)	11-Aug-20	No Result	-	Dry - no sample
Conductivity	(µS/cm)	11-Aug-20	No Result	-	Dry - no sample
Dissolved Oxygen	(mg/L)	11-Aug-20	No Result	-	Dry - no sample
Nitrogen (Total)	(mg/L)	11-Aug-20	No Result	-	Dry - no sample
Total Suspended Solids (TSS)	(mg/L)	11-Aug-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)	11-Aug-20	0.19	22-Aug-20	-
pH	(mg/L)	11-Aug-20	7.10	22-Aug-20	-
Total Suspended Solids (TSS)	(mg/L)	11-Aug-20	400.0	22-Aug-20	-