

## Brou Landfill Facility - Quarterly Result Summary - March 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/>



Anniversary Date: 30-Oct-17  
 Published Date: 14-Mar-18

Required Month: **Mar-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 <sub>3</sub>	(mg/L CaCO <sub>3</sub> )	1-Mar-18	118.00	10-Mar-18
Calcium (Dissolved)	(mg/L)	1-Mar-18	7.63	10-Mar-18
Chloride	(mg/L)	1-Mar-18	650.00	10-Mar-18
Magnesium	(mg/L)	1-Mar-18	105.00	10-Mar-18
Nitrogen (Ammonia)	(mg/L)	1-Mar-18	<0.01	10-Mar-18
pH	(pH)	1-Mar-18	6.40	10-Mar-18
Potassium	(mg/L)	1-Mar-18	6.52	10-Mar-18
Sodium	(mg/L)	1-Mar-18	258.00	10-Mar-18
Standing Water Level	(m)	1-Mar-18	24.90	10-Mar-18
Sulfate	(mg/L)	1-Mar-18	6.90	10-Mar-18
Total Dissolved Solids (TDS)	(mg/L)	1-Mar-18	1650.00	10-Mar-18
Total Organic Carbon (TOC)	(mg/L)	1-Mar-18	1.90	10-Mar-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 <sub>3</sub>	(mg/L CaCO <sub>3</sub> )	1-Mar-18	139.00	10-Mar-18
Calcium (Dissolved)	(mg/L)	1-Mar-18	8.15	10-Mar-18
Chloride	(mg/L)	1-Mar-18	970.00	10-Mar-18
Magnesium	(mg/L)	1-Mar-18	86.20	10-Mar-18
Nitrogen (Ammonia)	(mg/L)	1-Mar-18	0.01	10-Mar-18
pH	(pH)	1-Mar-18	6.80	10-Mar-18
Potassium	(mg/L)	1-Mar-18	1.21	10-Mar-18
Sodium	(mg/L)	1-Mar-18	537.00	10-Mar-18
Standing Water Level	(m)	1-Mar-18	1.00	10-Mar-18
Sulfate	(mg/L)	1-Mar-18	120.00	10-Mar-18
Total Dissolved Solids (TDS)	(mg/L)	1-Mar-18	2160.00	10-Mar-18
Total Organic Carbon (TOC)	(mg/L)	1-Mar-18	4.10	10-Mar-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 <sub>3</sub>	(mg/L CaCO <sub>3</sub> )	1-Mar-18	127.00	10-Mar-18
Calcium (Dissolved)	(mg/L)	1-Mar-18	6.81	10-Mar-18
Chloride	(mg/L)	1-Mar-18	960.00	10-Mar-18
Magnesium	(mg/L)	1-Mar-18	92.10	10-Mar-18
Nitrogen (Ammonia)	(mg/L)	1-Mar-18	<0.01	10-Mar-18
pH	(pH)	1-Mar-18	6.70	10-Mar-18
Potassium	(mg/L)	1-Mar-18	2.18	10-Mar-18
Sodium	(mg/L)	1-Mar-18	514.00	10-Mar-18
Standing Water Level	(m)	1-Mar-18	2.60	10-Mar-18
Sulfate	(mg/L)	1-Mar-18	94.00	10-Mar-18
Total Dissolved Solids (TDS)	(mg/L)	1-Mar-18	2330.00	10-Mar-18
Total Organic Carbon (TOC)	(mg/L)	1-Mar-18	3.30	10-Mar-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)	1-Mar-18	No Result		Dry - no sample
Conductivity	(µS/cm)	1-Mar-18	No Result		Dry - no sample
Dissolved Oxygen	(mg/L)	1-Mar-18	No Result		Dry - no sample
Nitrogen (Total)	(mg/L)	1-Mar-18	No Result		Dry - no sample
Total Suspended Solids (TSS)	(mg/L)	1-Mar-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)	1-Mar-18	No Result		Dry - no sample
Conductivity	(µS/cm)	1-Mar-18	No Result		Dry - no sample
Dissolved Oxygen	(mg/L)	1-Mar-18	No Result		Dry - no sample
Nitrogen (Total)	(mg/L)	1-Mar-18	No Result		Dry - no sample
Total Suspended Solids (TSS)	(mg/L)	1-Mar-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 <sub>3</sub> )	1-Mar-18	1.10	13-Mar-18	-
pH	(mg/L)	1-Mar-18	8.60	13-Mar-18	-
Total Suspended Solids (TSS)	(mg/L)	1-Mar-18	12.0	13-Mar-18	-