

Brou Landfill Facility - Yearly Result Summary - 2018



Anniversary Date: 30-Oct-17
Published Date: 15-Jun-18

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/>
 Required Year: 2018

Licence Point 1 - BR809 Groundwater Yearly Parameters

Sample Frequency	Yearly - Annual
Sampling Method	Grab Sample

Pollutant	Unit of Measure	Sample Date	Yearly Result	Obtained Date
Aluminium (Dissolved)	mg/L	30-May-18	0.00800	8-Jun-18
Arsenic	mg/L	30-May-18	0.00050	8-Jun-18
Barium	mg/L	30-May-18	0.48400	8-Jun-18
Benzene	mg/L	30-May-18	<0.0003	8-Jun-18
Cadmium	mg/L	30-May-18	<0.0001	8-Jun-18
Chromium (Hexavalent)	mg/L	30-May-18	0.00080	8-Jun-18
Chromium (Total)	mg/L	30-May-18	<0.002	8-Jun-18
Cobalt	mg/L	30-May-18	0.00090	8-Jun-18
Copper (Dissolved)	mg/L	30-May-18	0.00190	8-Jun-18
Ethyl Benzene	mg/L	30-May-18	<0.0003	8-Jun-18
Fluoride	mg/L	30-May-18	0.32000	8-Jun-18
Lead (Dissolved)	mg/L	30-May-18	<0.0001	8-Jun-18
Manganese	mg/L	30-May-18	0.05100	8-Jun-18
Mercury	mg/L	30-May-18	<0.0003	8-Jun-18
Nitrate	mg/L	30-May-18	<0.01	8-Jun-18
Nitrite	mg/L	30-May-18	0.00100	8-Jun-18
Organochlorine Pesticides	mg/L	30-May-18	<0.00001	8-Jun-18
Organophosphate Pesticides	mg/L	30-May-18	<0.001	8-Jun-18
Polycyclic Aromatic Hydrocarbons	mg/L	30-May-18	<0.0001	8-Jun-18
Toluene	mg/L	30-May-18	<0.0003	8-Jun-18
Total Phenolics	mg/L	30-May-18	<0.05	8-Jun-18
Total Petroleum Hydrocarbons	mg/L	30-May-18	0.20000	8-Jun-18
Xylene	mg/L	30-May-18	<0.0004	8-Jun-18
Zinc	mg/L	30-May-18	0.01600	8-Jun-18

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Licence Point 2 - BR810 Groundwater Yearly Parameters

Sample Frequency	Yearly - Annual
Sampling Method	Grab Sample

Pollutant	Unit of Measure	Sample Date	Yearly Result	Obtained Date
Aluminium (Dissolved)	mg/L	30-May-18	0.00600	8-Jun-18
Arsenic	mg/L	30-May-18	<0.0002	8-Jun-18
Barium	mg/L	30-May-18	0.04180	8-Jun-18
Benzene	mg/L	30-May-18	<0.0003	8-Jun-18
Cadmium	mg/L	30-May-18	<0.0001	8-Jun-18
Chromium (Hexavalent)	mg/L	30-May-18	0.00030	8-Jun-18
Chromium (Total)	mg/L	30-May-18	<0.002	8-Jun-18
Cobalt	mg/L	30-May-18	0.00530	8-Jun-18
Copper (Dissolved)	mg/L	30-May-18	0.00150	8-Jun-18
Ethyl Benzene	mg/L	30-May-18	<0.0003	8-Jun-18
Fluoride	mg/L	30-May-18	0.31000	8-Jun-18
Lead (Dissolved)	mg/L	30-May-18	<0.0001	8-Jun-18
Manganese	mg/L	30-May-18	0.23300	8-Jun-18
Mercury	mg/L	30-May-18	<0.0003	8-Jun-18
Nitrate	mg/L	30-May-18	0.01000	8-Jun-18
Nitrite	mg/L	30-May-18	<0.001	8-Jun-18
Organochlorine Pesticides	mg/L	30-May-18	<0.00001	8-Jun-18
Organophosphate Pesticides	mg/L	30-May-18	<0.001	8-Jun-18
Polycyclic Aromatic Hydrocarbons	mg/L	30-May-18	<0.0001	8-Jun-18
Toluene	mg/L	30-May-18	<0.0003	8-Jun-18
Total Phenolics	mg/L	30-May-18	<0.05	8-Jun-18
Total Petroleum Hydrocarbons	mg/L	30-May-18	<0.2	8-Jun-18
Xylene	mg/L	30-May-18	<0.0004	8-Jun-18
Zinc	mg/L	30-May-18	0.02400	8-Jun-18

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Licence Point 3 - BR811 Groundwater Yearly Parameters

Sample Frequency	Yearly - Annual
Sampling Method	Grab Sample

Pollutant	Unit of Measure	Sample Date	Yearly Result	Obtained Date
Aluminium (Dissolved)	mg/L	30-May-18	<0.005	8-Jun-18
Arsenic	mg/L	30-May-18	<0.0002	8-Jun-18
Barium	mg/L	30-May-18	0.08250	8-Jun-18
Benzene	mg/L	30-May-18	<0.0003	8-Jun-18
Cadmium	mg/L	30-May-18	0.00010	8-Jun-18
Chromium (Hexavalent)	mg/L	30-May-18	0.00060	8-Jun-18
Chromium (Total)	mg/L	30-May-18	<0.002	8-Jun-18
Cobalt	mg/L	30-May-18	0.00670	8-Jun-18
Copper (Dissolved)	mg/L	30-May-18	0.00190	8-Jun-18
Ethyl Benzene	mg/L	30-May-18	<0.0003	8-Jun-18
Fluoride	mg/L	30-May-18	0.35000	8-Jun-18
Lead (Dissolved)	mg/L	30-May-18	<0.0001	8-Jun-18
Manganese	mg/L	30-May-18	0.36600	8-Jun-18
Mercury	mg/L	30-May-18	<0.0003	8-Jun-18
Nitrate	mg/L	30-May-18	<0.01	8-Jun-18
Nitrite	mg/L	30-May-18	0.00100	8-Jun-18
Organochlorine Pesticides	mg/L	30-May-18	<0.00001	8-Jun-18
Organophosphate Pesticides	mg/L	30-May-18	<0.001	8-Jun-18
Polycyclic Aromatic Hydrocarbons	mg/L	30-May-18	<0.0001	8-Jun-18
Toluene	mg/L	30-May-18	<0.0003	8-Jun-18
Total Phenolics	mg/L	30-May-18	<0.05	8-Jun-18
Total Petroleum Hydrocarbons	mg/L	30-May-18	<0.2	8-Jun-18
Xylene	mg/L	30-May-18	<0.0004	8-Jun-18
Zinc	mg/L	30-May-18	0.02700	8-Jun-18

Licence Point 7 - BR802 Leachate Yearly Parameters

Sample Frequency	Yearly - Annual
Sampling Method	Grab Sample

Pollutant	Unit of Measure	Sample Date	Yearly Result	Obtained Date
Nitrogen (Ammonia)	mg/L	30-May-18	2.70	7-Jun-18
Conductivity	mg/L	30-May-18	317.80	7-Jun-18
Nitrate	mg/L	30-May-18	47.40	7-Jun-18
Nitrite	mg/L	30-May-18	0.27	7-Jun-18
Nitrogen (Total Kjeldahl)	mg/L	30-May-18	17.90	7-Jun-18
pH	mg/L	30-May-18	7.80	7-Jun-18
Potassium	mg/L	30-May-18	147.00	7-Jun-18