

Brou Landfill Facility - Yearly Result Summary - 2020



Anniversary Date: 30-Oct-19
Published Date: 12-Jun-20

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 Year: 2020

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	26-May-20	0.00700	11-Jun-20
Arsenic	mg/L	26-May-20	0.00040	11-Jun-20
Barium	mg/L	26-May-20	0.50000	11-Jun-20
Benzene	mg/L	26-May-20	<0.0003	11-Jun-20
Cadmium	mg/L	26-May-20	<0.0001	11-Jun-20
Chromium (Hexavalent)	mg/L	26-May-20	0.00020	11-Jun-20
Chromium (Total)	mg/L	26-May-20	<0.0004	11-Jun-20
Cobalt	mg/L	26-May-20	0.00110	11-Jun-20
Copper (Dissolved)	mg/L	26-May-20	0.00110	11-Jun-20
Ethyl Benzene	mg/L	26-May-20	<0.0003	11-Jun-20
Fluoride	mg/L	26-May-20	0.32000	11-Jun-20
Lead (Dissolved)	mg/L	26-May-20	<0.0001	11-Jun-20
Manganese	mg/L	26-May-20	0.06200	11-Jun-20
Mercury	mg/L	26-May-20	<0.0003	11-Jun-20
Nitrate	mg/L	26-May-20	<0.01	11-Jun-20
Nitrite	mg/L	26-May-20	0.00100	11-Jun-20
Organochlorine Pesticides	mg/L	26-May-20	<0.00001	11-Jun-20
Organophosphate Pesticides	mg/L	26-May-20	<0.001	11-Jun-20
Polycyclic Aromatic Hydrocarbons	mg/L	26-May-20	<0.0001	11-Jun-20
Toluene	mg/L	26-May-20	<0.0003	11-Jun-20
Total Phenolics	mg/L	26-May-20	<0.05	11-Jun-20
Total Petroleum Hydrocarbons	mg/L	26-May-20	<0.2	11-Jun-20
Xylene	mg/L	26-May-20	<0.0004	11-Jun-20
Zinc	mg/L	26-May-20	0.01800	11-Jun-20

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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	26-May-20	<0.005	11-Jun-20
Arsenic	mg/L	26-May-20	<0.0002	11-Jun-20
Barium	mg/L	26-May-20	0.03120	11-Jun-20
Benzene	mg/L	26-May-20	<0.0003	11-Jun-20
Cadmium	mg/L	26-May-20	0.00010	11-Jun-20
Chromium (Hexavalent)	mg/L	26-May-20	0.00030	11-Jun-20
Chromium (Total)	mg/L	26-May-20	<0.0004	11-Jun-20
Cobalt	mg/L	26-May-20	0.00620	11-Jun-20
Copper (Dissolved)	mg/L	26-May-20	0.00130	11-Jun-20
Ethyl Benzene	mg/L	26-May-20	<0.0003	11-Jun-20
Fluoride	mg/L	26-May-20	0.31000	11-Jun-20
Lead (Dissolved)	mg/L	26-May-20	<0.0001	11-Jun-20
Manganese	mg/L	26-May-20	0.21000	11-Jun-20
Mercury	mg/L	26-May-20	<0.0003	11-Jun-20
Nitrate	mg/L	26-May-20	<0.01	11-Jun-20
Nitrite	mg/L	26-May-20	0.00300	11-Jun-20
Organochlorine Pesticides	mg/L	26-May-20	<0.00001	11-Jun-20
Organophosphate Pesticides	mg/L	26-May-20	<0.001	11-Jun-20
Polycyclic Aromatic Hydrocarbons	mg/L	26-May-20	<0.0001	11-Jun-20
Toluene	mg/L	26-May-20	<0.0003	11-Jun-20
Total Phenolics	mg/L	26-May-20	<0.05	11-Jun-20
Total Petroleum Hydrocarbons	mg/L	26-May-20	<0.2	11-Jun-20
Xylene	mg/L	26-May-20	<0.0004	11-Jun-20
Zinc	mg/L	26-May-20	0.02300	11-Jun-20

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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	26-May-20	0.00600	11-Jun-20
Arsenic	mg/L	26-May-20	<0.0002	11-Jun-20
Barium	mg/L	26-May-20	0.06530	11-Jun-20
Benzene	mg/L	26-May-20	<0.0003	11-Jun-20
Cadmium	mg/L	26-May-20	0.00020	11-Jun-20
Chromium (Hexavalent)	mg/L	26-May-20	0.00020	11-Jun-20
Chromium (Total)	mg/L	26-May-20	<0.0004	11-Jun-20
Cobalt	mg/L	26-May-20	0.00870	11-Jun-20
Copper (Dissolved)	mg/L	26-May-20	0.00200	11-Jun-20
Ethyl Benzene	mg/L	26-May-20	<0.0003	11-Jun-20
Fluoride	mg/L	26-May-20	0.31000	11-Jun-20
Lead (Dissolved)	mg/L	26-May-20	0.00010	11-Jun-20
Manganese	mg/L	26-May-20	0.35800	11-Jun-20
Mercury	mg/L	26-May-20	<0.0003	11-Jun-20
Nitrate	mg/L	26-May-20	<0.01	11-Jun-20
Nitrite	mg/L	26-May-20	0.00200	11-Jun-20
Organochlorine Pesticides	mg/L	26-May-20	<0.00001	11-Jun-20
Organophosphate Pesticides	mg/L	26-May-20	<0.001	11-Jun-20
Polycyclic Aromatic Hydrocarbons	mg/L	26-May-20	<0.0001	11-Jun-20
Toluene	mg/L	26-May-20	<0.0003	11-Jun-20
Total Phenolics	mg/L	26-May-20	<0.05	11-Jun-20
Total Petroleum Hydrocarbons	mg/L	26-May-20	<0.2	11-Jun-20
Xylene	mg/L	26-May-20	<0.0004	11-Jun-20
Zinc	mg/L	26-May-20	0.03300	11-Jun-20

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	18-Mar-20	54.40	28-Mar-20
Conductivity	mg/L	18-Mar-20	2695.00	28-Mar-20
Nitrate	mg/L	18-Mar-20	0.05	28-Mar-20
Nitrite	mg/L	18-Mar-20	0.11	28-Mar-20
Nitrogen (Total Kjeldahl)	mg/L	18-Mar-20	87.30	28-Mar-20
pH	mg/L	18-Mar-20	8.20	28-Mar-20
Potassium	mg/L	18-Mar-20	139.00	28-Mar-20