

Surf Beach Waste Depot - Yearly Result Summary - 2020

Licensee: Eurobodalla Shire Council
 EPL No.: 5882
 Premises: Surf Beach Waste Depot
 Address: Off George Bass Drive, Surf Beach, NSW 2536
 Licence Period: 30-Oct-19 to 29-Oct-20
 EPL Link: <http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=71505&SYSUID=1&LICID=5882>
 POEO Public Register: <http://www.epa.nsw.gov.au/prpoeo/index.htm>



Anniversary Date: 30-Oct-19
 Published Date: 5-Aug-20

Required Year: **2020**

Point 3 - SB805 Leachate Quality (Final Leachate Dam)

Sample Frequency	Yearly - Annual
Sampling Method	Grab Sample

Pollutant	Unit of Measure	Sample Date	Yearly Result	Obtained Date
Ammonia	mg/L	12-Feb-20	4.8	25-Feb-20
Conductivity	µS/cm	12-Feb-20	1698	25-Feb-20
Nitrogen (Total)	mg/L	12-Feb-20	15.4	25-Feb-20
Total Suspended Solids	mg/L	12-Feb-20	100	25-Feb-20
pH	pH	12-Feb-20	7.70	25-Feb-20

Point 4 - SB806 Groundwater Quality (UG1)

Sample Frequency	Yearly - Annual
Sampling Method	Grab Sample

Pollutant	Unit of Measure	Sample Date	Yearly Result	Obtained Date
Alkalinity as CaCO3	mg/L	1-Jul-20	148	15-Jul-20
Aluminium (Dissolved)	µg/L	1-Jul-20	12	15-Jul-20
Nitrogen (Ammonia)	mg/L	1-Jul-20	<0.1	15-Jul-20
BOD	mg/L	1-Jul-20	<2	15-Jul-20
Boron	µg/L	1-Jul-20	34.00	15-Jul-20
Calcium	mg/L	1-Jul-20	80.6	15-Jul-20
Chloride	mg/L	1-Jul-20	1200	15-Jul-20
Chlorinated Phenoxy Acid Herbicides	µg/L	1-Jul-20	<0.3	15-Jul-20
Conductivity	µS/cm	1-Jul-20	3612	15-Jul-20
Copper (Dissolved)	µg/L	1-Jul-20	1.3	15-Jul-20
Fluoride	mg/L	1-Jul-20	0.85	15-Jul-20
Iron (Dissolved)	mg/L	1-Jul-20	17.000	15-Jul-20
Lead (Dissolved)	µg/L	1-Jul-20	<0.1	15-Jul-20
Magnesium	mg/L	1-Jul-20	95.4	15-Jul-20
Manganese (Dissolved)	µg/L	1-Jul-20	8230	15-Jul-20
Nitrate	mg/L	1-Jul-20	<0.01	15-Jul-20
Organochlorine Pesticides	µg/L	1-Jul-20	<0.01	15-Jul-20
Organophosphate Pesticides	µg/L	1-Jul-20	0.090	15-Jul-20
Phosphorus (Total)	mg/L	1-Jul-20	0.109	15-Jul-20
pH	pH	1-Jul-20	6.20	15-Jul-20
Potassium	mg/L	1-Jul-20	6.00	15-Jul-20
Sodium	mg/L	1-Jul-20	484	15-Jul-20
Standing Water Level	m	1-Jul-20	12.55	15-Jul-20
Sulfate	mg/L	1-Jul-20	120	15-Jul-20
Total Phenolics	µg/L	1-Jul-20	<50	15-Jul-20
Total Organic Carbon (TOC)	mg/L	1-Jul-20	3.2	15-Jul-20
Zinc (Dissolved)	µg/L	1-Jul-20	473.000	15-Jul-20

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Anniversary Date: 30-Oct-19
 Published Date: 5-Aug-20

Point 5 - SB807 Groundwater Quality (DG1)

Sample Frequency	Yearly - Annual
Sampling Method	Grab Sample

Pollutant	Unit of Measure	Sample Date	Yearly Result	Obtained Date
Alkalinity as CaCO3	mg/L	1-Jul-20	198	15-Jul-20
Aluminium (Dissolved)	µg/L	1-Jul-20	73	15-Jul-20
Nitrogen (Ammonia)	mg/L	1-Jul-20	<0.1	15-Jul-20
BOD	mg/L	1-Jul-20	<2	15-Jul-20
Boron	µg/L	1-Jul-20	34.00	15-Jul-20
Calcium	mg/L	1-Jul-20	107.0	15-Jul-20
Chloride	mg/L	1-Jul-20	1800	15-Jul-20
Chlorinated Phenoxy Acid Herbicides	µg/L	1-Jul-20	<0.3	15-Jul-20
Conductivity	µS/cm	1-Jul-20	5540	15-Jul-20
Copper (Dissolved)	µg/L	1-Jul-20	1.4	15-Jul-20
Fluoride	mg/L	1-Jul-20	0.97	15-Jul-20
Iron (Dissolved)	mg/L	1-Jul-20	2.6	15-Jul-20
Lead (Dissolved)	µg/L	1-Jul-20	<0.1	15-Jul-20
Magnesium	mg/L	1-Jul-20	175.0	15-Jul-20
Manganese (Dissolved)	µg/L	1-Jul-20	7080	15-Jul-20
Nitrate	mg/L	1-Jul-20	<0.01	15-Jul-20
Organochlorine Pesticides	µg/L	1-Jul-20	<0.01	15-Jul-20
Organophosphate Pesticides	µg/L	1-Jul-20	<1.0	15-Jul-20
Phosphorus (Total)	mg/L	1-Jul-20	0.022	15-Jul-20
pH	pH	1-Jul-20	6.30	15-Jul-20
Potassium	mg/L	1-Jul-20	6.900	15-Jul-20
Sodium	mg/L	1-Jul-20	805	15-Jul-20
Standing Water Level	m	1-Jul-20	2.45	15-Jul-20
Sulfate	mg/L	1-Jul-20	330	15-Jul-20
Total Phenolics	µg/L	1-Jul-20	<50	15-Jul-20
Total Organic Carbon (TOC)	mg/L	1-Jul-20	2.3	15-Jul-20
Zinc (Dissolved)	µg/L	1-Jul-20	208.000	15-Jul-20

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Point 6 - SB808 Groundwater Quality (DG2)

Sample Frequency	Yearly - Annual
Sampling Method	Grab Sample

Pollutant	Unit of Measure	Sample Date	Yearly Result	Obtained Date
Alkalinity as CaCO3	mg/L	1-Jul-20	113	15-Jul-20
Aluminium (Dissolved)	µg/L	1-Jul-20	<5	15-Jul-20
Nitrogen (Ammonia)	mg/L	1-Jul-20	<0.1	15-Jul-20
BOD	mg/L	1-Jul-20	<2	15-Jul-20
Boron	µg/L	1-Jul-20	38.00	15-Jul-20
Calcium	mg/L	1-Jul-20	30.0	15-Jul-20
Chloride	mg/L	1-Jul-20	560	15-Jul-20
Chlorinated Phenoxy Acid Herbicides	µg/L	1-Jul-20	4.500	15-Jul-20
Conductivity	µS/cm	1-Jul-20	1973	15-Jul-20
Copper (Dissolved)	µg/L	1-Jul-20	5.7	15-Jul-20
Fluoride	mg/L	1-Jul-20	0.46	15-Jul-20
Iron (Dissolved)	mg/L	1-Jul-20	0.7	15-Jul-20
Lead (Dissolved)	µg/L	1-Jul-20	<0.1	15-Jul-20
Magnesium	mg/L	1-Jul-20	54.6	15-Jul-20
Manganese (Dissolved)	µg/L	1-Jul-20	1240	15-Jul-20
Nitrate	mg/L	1-Jul-20	0.060	15-Jul-20
Organochlorine Pesticides	µg/L	1-Jul-20	<0.01	15-Jul-20
Organophosphate Pesticides	µg/L	1-Jul-20	1.900	15-Jul-20
Phosphorus (Total)	mg/L	1-Jul-20	0.319	15-Jul-20
pH	pH	1-Jul-20	6.40	15-Jul-20
Potassium	mg/L	1-Jul-20	4.600	15-Jul-20
Sodium	mg/L	1-Jul-20	289	15-Jul-20
Standing Water Level	m	1-Jul-20	2.05	15-Jul-20
Sulfate	mg/L	1-Jul-20	130	15-Jul-20
Total Phenolics	µg/L	1-Jul-20	<50	15-Jul-20
Total Organic Carbon (TOC)	mg/L	1-Jul-20	2.5	15-Jul-20
Zinc (Dissolved)	µg/L	1-Jul-20	55.000	15-Jul-20