

Surf Beach Waste Depot - Yearly Result Summary - 2022

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-21 to 29-Oct-22
 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-21
 Published Date: 6-Oct-22

Required Year: **2022**

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	8-Mar-22	9.9	23-Mar-22
Conductivity	µS/cm	8-Mar-22	851	23-Mar-22
Nitrogen (Total)	mg/L	8-Mar-22	16.9	23-Mar-22
Total Suspended Solids	mg/L	8-Mar-22	180	23-Mar-22
pH	pH	8-Mar-22	7.40	23-Mar-22

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	28-Jul-22	<5	10-Aug-22
Aluminium (Dissolved)	µg/L	28-Jul-22	<10	10-Aug-22
Nitrogen (Ammonia)	mg/L	28-Jul-22	0.06	10-Aug-22
BOD	mg/L	28-Jul-22	<2	10-Aug-22
Boron	µg/L	28-Jul-22	40.00	10-Aug-22
Calcium	mg/L	28-Jul-22	76.7	10-Aug-22
Chloride	mg/L	28-Jul-22	950	10-Aug-22
Chlorinated Phenoxy Acid Herbicides	µg/L	28-Jul-22	<0.3	10-Aug-22
Conductivity	µS/cm	28-Jul-22	3504	10-Aug-22
Copper (Dissolved)	µg/L	28-Jul-22	5.0	10-Aug-22
Fluoride	mg/L	28-Jul-22	0.96	10-Aug-22
Iron (Dissolved)	mg/L	28-Jul-22	12.800	10-Aug-22
Lead (Dissolved)	µg/L	28-Jul-22	<10	10-Aug-22
Magnesium	mg/L	28-Jul-22	90.9	10-Aug-22
Manganese (Dissolved)	µg/L	28-Jul-22	8430	10-Aug-22
Nitrate	mg/L	28-Jul-22	<0.01	10-Aug-22
Organochlorine Pesticides	µg/L	28-Jul-22	<0.01	10-Aug-22
Organophosphate Pesticides	µg/L	28-Jul-22	<1.0	10-Aug-22
Phosphorus (Total)	mg/L	28-Jul-22	0.455	10-Aug-22
pH	pH	28-Jul-22	6.30	10-Aug-22
Potassium	mg/L	28-Jul-22	5.80	10-Aug-22
Sodium	mg/L	28-Jul-22	556	10-Aug-22
Standing Water Level	m	28-Jul-22	10.95	10-Aug-22
Sulfate	mg/L	28-Jul-22	110	10-Aug-22
Total Phenolics	µg/L	28-Jul-22	<50	10-Aug-22
Total Organic Carbon (TOC)	mg/L	28-Jul-22	<0.2	10-Aug-22
Zinc (Dissolved)	µg/L	28-Jul-22	480.000	10-Aug-22

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Anniversary Date: 30-Oct-21
 Published Date: 6-Oct-22

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	28-Jul-22	<5	10-Aug-22
Aluminium (Dissolved)	µg/L	28-Jul-22	90	10-Aug-22
Nitrogen (Ammonia)	mg/L	28-Jul-22	0.03	10-Aug-22
BOD	mg/L	28-Jul-22	<2	10-Aug-22
Boron	µg/L	28-Jul-22	40.00	10-Aug-22
Calcium	mg/L	28-Jul-22	77.6	10-Aug-22
Chloride	mg/L	28-Jul-22	1200	10-Aug-22
Chlorinated Phenoxy Acid Herbicides	µg/L	28-Jul-22	<0.3	10-Aug-22
Conductivity	µS/cm	28-Jul-22	4779	10-Aug-22
Copper (Dissolved)	µg/L	28-Jul-22	<5	10-Aug-22
Fluoride	mg/L	28-Jul-22	1.20	10-Aug-22
Iron (Dissolved)	mg/L	28-Jul-22	1.5	10-Aug-22
Lead (Dissolved)	µg/L	28-Jul-22	<10	10-Aug-22
Magnesium	mg/L	28-Jul-22	125.0	10-Aug-22
Manganese (Dissolved)	µg/L	28-Jul-22	5700	10-Aug-22
Nitrate	mg/L	28-Jul-22	0.060	10-Aug-22
Organochlorine Pesticides	µg/L	28-Jul-22	<0.01	10-Aug-22
Organophosphate Pesticides	µg/L	28-Jul-22	<1.0	10-Aug-22
Phosphorus (Total)	mg/L	28-Jul-22	0.078	10-Aug-22
pH	pH	28-Jul-22	6.40	10-Aug-22
Potassium	mg/L	28-Jul-22	6.400	10-Aug-22
Sodium	mg/L	28-Jul-22	836	10-Aug-22
Standing Water Level	m	28-Jul-22	0.50	10-Aug-22
Sulfate	mg/L	28-Jul-22	230	10-Aug-22
Total Phenolics	µg/L	28-Jul-22	<50	10-Aug-22
Total Organic Carbon (TOC)	mg/L	28-Jul-22	<0.2	10-Aug-22
Zinc (Dissolved)	µg/L	28-Jul-22	150.000	10-Aug-22

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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	28-Jul-22	<5	10-Aug-22
Aluminium (Dissolved)	µg/L	28-Jul-22	<10	10-Aug-22
Nitrogen (Ammonia)	mg/L	28-Jul-22	0.03	10-Aug-22
BOD	mg/L	28-Jul-22	<2	10-Aug-22
Boron	µg/L	28-Jul-22	40.00	10-Aug-22
Calcium	mg/L	28-Jul-22	31.4	10-Aug-22
Chloride	mg/L	28-Jul-22	510	10-Aug-22
Chlorinated Phenoxy Acid Herbicides	µg/L	28-Jul-22	0.600	10-Aug-22
Conductivity	µS/cm	28-Jul-22	2063	10-Aug-22
Copper (Dissolved)	µg/L	28-Jul-22	5.0	10-Aug-22
Fluoride	mg/L	28-Jul-22	0.39	10-Aug-22
Iron (Dissolved)	mg/L	28-Jul-22	0.6	10-Aug-22
Lead (Dissolved)	µg/L	28-Jul-22	<10	10-Aug-22
Magnesium	mg/L	28-Jul-22	55.7	10-Aug-22
Manganese (Dissolved)	µg/L	28-Jul-22	1570	10-Aug-22
Nitrate	mg/L	28-Jul-22	0.060	10-Aug-22
Organochlorine Pesticides	µg/L	28-Jul-22	<0.01	10-Aug-22
Organophosphate Pesticides	µg/L	28-Jul-22	2.300	10-Aug-22
Phosphorus (Total)	mg/L	28-Jul-22	0.122	10-Aug-22
pH	pH	28-Jul-22	6.50	10-Aug-22
Potassium	mg/L	28-Jul-22	4.400	10-Aug-22
Sodium	mg/L	28-Jul-22	319	10-Aug-22
Standing Water Level	m	28-Jul-22	0.30	10-Aug-22
Sulfate	mg/L	28-Jul-22	120	10-Aug-22
Total Phenolics	µg/L	28-Jul-22	<50	10-Aug-22
Total Organic Carbon (TOC)	mg/L	28-Jul-22	<0.2	10-Aug-22
Zinc (Dissolved)	µg/L	28-Jul-22	60.000	10-Aug-22