

## Surf Beach Waste Depot - Yearly Result Summary - 2023

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-22 to 29-Oct-23  
 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>  
 Required Year: 2023



Anniversary Date: 30-Oct-22  
 Published Date: 31-Aug-23

### 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	17-Aug-23	14.1	31-Aug-23
Conductivity	µS/cm	17-Aug-23	1920	31-Aug-23
Nitrogen (Total)	mg/L	17-Aug-23	19.2	31-Aug-23
Total Suspended Solids	mg/L	17-Aug-23	17	31-Aug-23
pH	pH	17-Aug-23	7.90	31-Aug-23

### 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	17-Aug-23	112	31-Aug-23
Aluminium (Dissolved)	µg/L	17-Aug-23	21	31-Aug-23
Nitrogen (Ammonia)	mg/L	17-Aug-23	<0.1	31-Aug-23
BOD	mg/L	17-Aug-23	<2	31-Aug-23
Boron	µg/L	17-Aug-23	37.00	31-Aug-23
Calcium	mg/L	17-Aug-23	73.5	31-Aug-23
Chloride	mg/L	17-Aug-23	960	31-Aug-23
Chlorinated Phenoxy Acid Herbicides	µg/L	17-Aug-23	<0.3	31-Aug-23
Conductivity	µS/cm	17-Aug-23	3487	31-Aug-23
Copper (Dissolved)	µg/L	17-Aug-23	1.5	31-Aug-23
Fluoride	mg/L	17-Aug-23	0.90	31-Aug-23
Iron (Dissolved)	mg/L	17-Aug-23	11.800	31-Aug-23
Lead (Dissolved)	µg/L	17-Aug-23	0.300	31-Aug-23
Magnesium	mg/L	17-Aug-23	83.8	31-Aug-23
Manganese (Dissolved)	µg/L	17-Aug-23	6820	31-Aug-23
Nitrate	mg/L	17-Aug-23	<0.01	31-Aug-23
Organochlorine Pesticides	µg/L	17-Aug-23	<0.01	31-Aug-23
Organophosphate Pesticides	µg/L	17-Aug-23	<1.0	31-Aug-23
Phosphorus (Total)	mg/L	17-Aug-23	0.295	31-Aug-23
pH	pH	17-Aug-23	6.60	31-Aug-23
Potassium	mg/L	17-Aug-23	5.90	31-Aug-23
Sodium	mg/L	17-Aug-23	480	31-Aug-23
Standing Water Level	m	17-Aug-23	11.20	31-Aug-23
Sulfate	mg/L	17-Aug-23	110	31-Aug-23
Total Phenolics	µg/L	17-Aug-23	<50	31-Aug-23
Total Organic Carbon (TOC)	mg/L	17-Aug-23	3.1	31-Aug-23
Zinc (Dissolved)	µg/L	17-Aug-23	343.00	31-Aug-23

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Anniversary Date: 30-Oct-22  
 Published Date: 31-Aug-23

### 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	17-Aug-23	179	31-Aug-23
Aluminium (Dissolved)	µg/L	17-Aug-23	8	31-Aug-23
Nitrogen (Ammonia)	mg/L	17-Aug-23	<0.1	31-Aug-23
BOD	mg/L	17-Aug-23	<2	31-Aug-23
Boron	µg/L	17-Aug-23	43.00	31-Aug-23
Calcium	mg/L	17-Aug-23	85.5	31-Aug-23
Chloride	mg/L	17-Aug-23	1400	31-Aug-23
Chlorinated Phenoxy Acid Herbicides	µg/L	17-Aug-23	<0.3	31-Aug-23
Conductivity	µS/cm	17-Aug-23	5036	31-Aug-23
Copper (Dissolved)	µg/L	17-Aug-23	1.4	31-Aug-23
Fluoride	mg/L	17-Aug-23	1.00	31-Aug-23
Iron (Dissolved)	mg/L	17-Aug-23	0.8	31-Aug-23
Lead (Dissolved)	µg/L	17-Aug-23	<0.1	31-Aug-23
Magnesium	mg/L	17-Aug-23	129.0	31-Aug-23
Manganese (Dissolved)	µg/L	17-Aug-23	6720	31-Aug-23
Nitrate	mg/L	17-Aug-23	0.020	31-Aug-23
Organochlorine Pesticides	µg/L	17-Aug-23	<0.01	31-Aug-23
Organophosphate Pesticides	µg/L	17-Aug-23	<1.0	31-Aug-23
Phosphorus (Total)	mg/L	17-Aug-23	0.028	31-Aug-23
pH	pH	17-Aug-23	7.00	31-Aug-23
Potassium	mg/L	17-Aug-23	6.900	31-Aug-23
Sodium	mg/L	17-Aug-23	790	31-Aug-23
Standing Water Level	m	17-Aug-23	1.65	31-Aug-23
Sulfate	mg/L	17-Aug-23	250	31-Aug-23
Total Phenolics	µg/L	17-Aug-23	<50	31-Aug-23
Total Organic Carbon (TOC)	mg/L	17-Aug-23	1.0	31-Aug-23
Zinc (Dissolved)	µg/L	17-Aug-23	135.00	31-Aug-23

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Anniversary Date: 30-Oct-22  
 Published Date: 31-Aug-23

### 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	17-Aug-23	94	31-Aug-23
Aluminium (Dissolved)	µg/L	17-Aug-23	9	31-Aug-23
Nitrogen (Ammonia)	mg/L	17-Aug-23	<0.1	31-Aug-23
BOD	mg/L	17-Aug-23	<2	31-Aug-23
Boron	µg/L	17-Aug-23	40.00	31-Aug-23
Calcium	mg/L	17-Aug-23	30.2	31-Aug-23
Chloride	mg/L	17-Aug-23	530	31-Aug-23
Chlorinated Phenoxy Acid Herbicides	µg/L	17-Aug-23	0.300	31-Aug-23
Conductivity	µS/cm	17-Aug-23	2060	31-Aug-23
Copper (Dissolved)	µg/L	17-Aug-23	3.5	31-Aug-23
Fluoride	mg/L	17-Aug-23	0.33	31-Aug-23
Iron (Dissolved)	mg/L	17-Aug-23	0.1	31-Aug-23
Lead (Dissolved)	µg/L	17-Aug-23	<0.1	31-Aug-23
Magnesium	mg/L	17-Aug-23	52.4	31-Aug-23
Manganese (Dissolved)	µg/L	17-Aug-23	1420	31-Aug-23
Nitrate	mg/L	17-Aug-23	0.100	31-Aug-23
Organochlorine Pesticides	µg/L	17-Aug-23	<0.01	31-Aug-23
Organophosphate Pesticides	µg/L	17-Aug-23	1.200	31-Aug-23
Phosphorus (Total)	mg/L	17-Aug-23	0.197	31-Aug-23
pH	pH	17-Aug-23	7.80	31-Aug-23
Potassium	mg/L	17-Aug-23	4.400	31-Aug-23
Sodium	mg/L	17-Aug-23	296	31-Aug-23
Standing Water Level	m	17-Aug-23	0.30	31-Aug-23
Sulfate	mg/L	17-Aug-23	110	31-Aug-23
Total Phenolics	µg/L	17-Aug-23	<50	31-Aug-23
Total Organic Carbon (TOC)	mg/L	17-Aug-23	2.0	31-Aug-23
Zinc (Dissolved)	µg/L	17-Aug-23	43.00	31-Aug-23