

A6. Assessable Pollutants (if applicable)

Note that the identification of assessable pollutants is used to calculate the **load-based fee**. The following assessable pollutants are identified for the fee-based activity classifications in the licence:

B. Monitoring and Complaints Summary

B1. Number of Pollution Complaints

Pollution Complaint Category	Complaints
Air	0
Water	0
Noise	0
Waste	0
Other	0
Total complaints recorded by the licensee during the reporting period	0

B2. Concentration Monitoring Summary

For each concentration monitoring point identified in your licence, details are displayed below. If concentration monitoring is not required by your licence, **no data** will appear below.

If data was provided from an uploaded file, the file name will be displayed below instead of any data.

Note that this does not exclude the need to conduct appropriate concentration monitoring of assessable pollutants as required by load-based licensing (if applicable).

Monitoring Point 2

Groundwater quality, Borehole labelled 'BH02' as shown in the drawing titled "Site Layout" at Appendix "A" of the "Wentworth Shire Council - Buronga Landfill - Environmental Management Plan" dated November 2012 and kept on EPA file FIL07/5811-18

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
Alkalinity (as calcium carbonate)	milligrams per litre	1	1	120	120	120
Arsenic	milligrams per litre	1	1	0.021	0.021	0.021
Benzene	milligrams per litre	1	1	<0.001	<0.001	<0.001
Calcium	milligrams per litre	1	1	440	440	440
Chloride	milligrams per litre	1	1	25000	25000	25000
Conductivity	microsiemens per centimetre	2	2	60000	63500	67000

Fluoride	milligrams per litre	1	1	1.1	1.1	1.1
Lead	milligrams per litre	1	1	0.055	0.055	0.055
Magnesium	milligrams per gram	1	1	1800	1800	1800
Manganese	milligrams per litre	1	1	1.8	1.8	1.8
Nitrate + nitrite (oxidised nitrogen)	milligrams per litre	1	1	0.54	0.54	0.54
Nitrogen (ammonia)	milligrams per litre	1	1	0.45	0.45	0.45
pH	pH	2	2	7.1	7.2	7.3
Potassium	milligrams per litre	1	1	200	200	200
Sodium	milligrams per litre	1	1	14000	14000	14000
Sulfate	milligrams per litre	1	1	3500	3500	3500
Total organic carbon	milligrams per litre	1	1	18	18	18
Total Phenolics	milligrams per litre	1	1	<0.25	<0.25	<0.25
Standing Water Level	metres	2	2	8.9	9.1	9.3

Monitoring Point 3

Groundwater quality, Borehole labelled 'BH03' as shown in the drawing titled "Site Layout" at Appendix "A" of the "Wentworth Shire Council - Buronga Landfill - Environmental Management Plan" dated November 2012 and kept on EPA file FIL07/5811-18

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
Alkalinity (as calcium carbonate)	milligrams per litre	1	1	<20	<20	<20
Arsenic	milligrams per litre	1	1	0.095	0.095	0.095
Benzene	milligrams per litre	1	1	<0.001	<0.001	<0.001
Calcium	milligrams per litre	1	1	350	350	350
Chloride	milligrams per litre	1	1	22000	22000	22000
Conductivity	microsiemens per centimetre	2	2	52000	56000	60000
Fluoride	milligrams per litre	1	1	0.6	0.6	0.6

Lead	milligrams per litre	1	1	0.057	0.057	0.057
Magnesium	milligrams per gram	1	1	1600	1600	1600
Manganese	milligrams per litre	1	1	2.9	2.9	2.9
Nitrate + nitrite (oxidised nitrogen)	milligrams per litre	1	1	0.19	0.19	0.19
Nitrogen (ammonia)	milligrams per litre	1	1	0.56	0.56	0.56
pH	pH	2	2	5.7	5.75	5.8
Potassium	milligrams per litre	1	1	180	180	180
Sodium	milligrams per litre	1	1	14000	14000	14000
Sulfate	milligrams per litre	1	1	2900	2900	2900
Total organic carbon	milligrams per litre	1	1	22	22	22
Total Phenolics	milligrams per litre	1	1	<0.25	<0.25	<0.25
Standing Water Level	metres	2	2	.6.8	7.05	7.3

Monitoring Point 4

Groundwater quality, Borehole labelled 'BH04' as shown in the drawing titled "Site Layout" at Appendix "A" of the "Wentworth Shire Council - Buronga Landfill - Environmental Management Plan" dated November 2012 and kept on EPA file FIL07/5811-18

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
Alkalinity (as calcium carbonate)	milligrams per litre	1	1	<20	<20	<20
Arsenic	milligrams per litre	1	1	0.036	0.036	0.036
Benzene	milligrams per litre	1	1	<0.001	<0.001	<0.001
Calcium	milligrams per litre	1	1	290	290	290
Chloride	milligrams per litre	1	1	18000	18000	18000
Conductivity	microsiemens per centimetre	2	2	43000	45500	48000
Fluoride	milligrams per litre	1	1	0.9	0.9	0.9
Lead	milligrams per litre	1	1	0.097	0.097	0.097

Magnesium	milligrams per gram	1	1	1300	1300	1300
Manganese	milligrams per litre	1	1	1.9	1.9	1.9
Nitrate + nitrite (oxidised nitrogen)	milligrams per litre	1	1	45	45	45
Nitrogen (ammonia)	milligrams per litre	1	1	1.5	1.5	1.5
pH	pH	2	2	3.9	4.2	4.5
Potassium	milligrams per litre	1	1	150	150	150
Sodium	milligrams per litre	1	1	11000	11000	11000
Sulfate	milligrams per litre	1	1	3300	3300	3300
Total organic carbon	milligrams per litre	1	1	15	15	15
Total Phenolics	milligrams per litre	1	1	.0.11	0.11	0.11
Standing Water Level	metres	2	2	17.9	18	18.1

Discharge & Monitoring Point 5

Water quality, Discharge point from the sediment basin as shown in the drawing titled "Site Layout" at Appendix "A" of the "Wentworth Shire Council - Buronga Landfill - Environmental Management Plan" dated November 2012 and kept on EPA file FIL07/5811-18

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
Conductivity	millisiemens per centimetre	1	1	dry	dry	dry
Nitrate + nitrite (oxidised nitrogen)	milligrams per litre	1	1	dry	dry	dry
Nitrogen (ammonia)	milligrams per litre	1	1	dry	dry	dry
pH	pH	1	1	dry	dry	dry
Total organic carbon	milligrams per litre	1	1	dry	dry	dry
Total suspended solids	milligrams per litre	0	0	0	0	0

Monitoring Point 6

Proposed Leachate Storage Pond, Leachate pond as shown in the drawing titled "Site Layout" at Appendix "A" of the "Wentworth Shire Council - Buronga Landfill - Environmental Management Plan" dated November 2012 and kept on EPA file FIL07/5811-18

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
Arsenic	milligrams per litre	1	1	dry	dry	dry
Benzene	milligrams per litre	1	1	dry	dry	dry
Calcium	milligrams per litre	1	1	dry	dry	dry
Chloride	milligrams per litre	1	1	dry	dry	dry
Conductivity	microsiemens per centimetre	1	1	dry	dry	dry
Fluoride	milligrams per litre	1	1	dry	dry	dry
Lead	milligrams per litre	1	1	dry	dry	dry
Magnesium	milligrams per gram	1	1	dry	dry	dry
Manganese	milligrams per litre	1	1	dry	dry	dry
Nitrate + nitrite (oxidised nitrogen)	milligrams per litre	1	1	dry	dry	dry
Nitrogen (ammonia)	milligrams per litre	1	1	dry	dry	dry
pH	pH	1	1	dry	dry	dry
Potassium	milligrams per litre	1	1	dry	dry	dry
Sodium	milligrams per litre	1	1	dry	dry	dry
Sulfate	milligrams per litre	1	1	dry	dry	dry
Total organic carbon	milligrams per litre	1	1	dry	dry	dry
Total Phenolics	milligrams per litre	1	1	dry	dry	dry

B3. Volume or Mass Monitoring Summary

For each volume or mass monitoring point identified in your licence, details are displayed below. If volume or mass monitoring is not required by your licence, **no data** will appear below.

If data was provided from an uploaded file, the file name will be displayed below instead of any data.

Note that this does not exclude the need to conduct appropriate volume or mass monitoring of assessable pollutants are required by load-based licensing (if applicable).