

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	68	68	68
Arsenic	milligrams per litre	1	1	0.008	0.008	0.008
Benzene	milligrams per litre	1	1	<0.001	<0.001	<0.001
Calcium	milligrams per litre	1	1	380	380	380
Chloride	milligrams per litre	1	1	31000	31000	31000
Conductivity	microsiemens per centimetre	2	2	49000	56500	64000

Fluoride	milligrams per litre	1	1	<0.5	<0.5	<0.5
Lead	milligrams per litre	1	1	0.023	0.023	0.023
Magnesium	milligrams per gram	1	1	1600	1600	1600
Manganese	milligrams per litre	1	1	0.91	0.91	0.91
Nitrate + nitrite (oxidised nitrogen)	milligrams per litre	1	1	0.62	0.62	0.62
Nitrogen (ammonia)	milligrams per litre	1	1	0.82	0.82	0.82
pH	pH	2	2	6.6	6.6	6.6
Potassium	milligrams per litre	1	1	220	220	220
Sodium	milligrams per litre	1	12	12000	12000	12000
Standing Water Level	metres	2	2	8.3	8.85	9.4
Sulfate	milligrams per litre	1	1	3900	3900	3900
Total organic carbon	milligrams per litre	1	1	<5	<5	<5
Total Phenolics	milligrams per litre	1	1	<0.05	<0.05	<0.05

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	0.039	0.039	0.039
Benzene	milligrams per litre	1	1	<0.001	<0.001	<0.001
Calcium	milligrams per litre	1	1	300	300	300
Chloride	milligrams per litre	1	1	22000	22000	22000
Conductivity	microsiemens per centimetre	2	2	45000	51000	57000
Fluoride	milligrams per litre	1	1	0.5	0.5	0.5

Lead	milligrams per litre	1	1	0.016	0.016	0.016
Magnesium	milligrams per gram	1	1	1300	1300	1300
Manganese	milligrams per litre	1	1	2.9	2.9	2.9
Nitrate + nitrite (oxidised nitrogen)	milligrams per litre	1	1	0.06	0.06	0.06
Nitrogen (ammonia)	milligrams per litre	1	1	0.20	0.20	0.20
pH	pH	2	2	5.4	5.45	5.5
Potassium	milligrams per litre	1	1	200	200	200
Sodium	milligrams per litre	1	1	12000	12000	12000
Standing Water Level	metres	2	2	6.5	6.8	7.1
Sulfate	milligrams per litre	1	1	3500	3500	3500
Total organic carbon	milligrams per litre	1	1	15	15	15
Total Phenolics	milligrams per litre	1	1	<0.05	<0.05	<0.05

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	0.029	0.029	0.029
Benzene	milligrams per litre	1	1	<0.001	<0.001	<0.001
Calcium	milligrams per litre	1	1	180	180	180
Chloride	milligrams per litre	1	1	15000	15000	15000
Conductivity	microsiemens per centimetre	2	2	35000	40000	45000
Fluoride	milligrams per litre	1	1	<0.05	<0.05	<0.05
Lead	milligrams per litre	1	1	0.075	0.075	0.075

Magnesium	milligrams per gram	1	1	880	880	880
Manganese	milligrams per litre	1	1	2.0	2.0	2.0
Nitrate + nitrite (oxidised nitrogen)	milligrams per litre	1	1	53	53	53
Nitrogen (ammonia)	milligrams per litre	1	1	2.9	2.9	2.9
pH	pH	2	2	4.4	4.7	5.0
Potassium	milligrams per litre	1	1	150	150	150
Sodium	milligrams per litre	1	1	9100	9100	9100
Standing Water Level	metres	2	2	17.4	17.8	18.2
Sulfate	milligrams per litre	1	1	3700	3700	3700
Total organic carbon	milligrams per litre	1	1	<5	<5	<5
Total Phenolics	milligrams per litre	1	1	<0.05	<0.05	<0.05

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	650	650	650
Nitrate + nitrite (oxidised nitrogen)	milligrams per litre	1	1	0.58	0.58	0.58
Nitrogen (ammonia)	milligrams per litre	1	1	0.17	0.17	0.17
pH	pH	1	1	8.1	8.1	8.1
Total organic carbon	milligrams per litre	1	1	6.8	6.8	6.8
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	0.024	0.024	0.024
Benzene	milligrams per litre	1	1	0.006	0.006	0.006
Calcium	milligrams per litre	1	1	160	160	160
Chloride	milligrams per litre	1	1	440	440	440
Conductivity	microsiemens per centimetre	1	1	3000	3000	3000
Fluoride	milligrams per litre	1	1	1.6	1.6	1.6
Lead	milligrams per litre	1	1	<0.001	<0.001	<0.001
Magnesium	milligrams per gram	1	1	82	82	82
Manganese	milligrams per litre	1	1	0.52	0.52	0.52
Nitrate + nitrite (oxidised nitrogen)	milligrams per litre	1	1	<0.05	<0.05	<0.05
Nitrogen (ammonia)	milligrams per litre	1	1	18	18	18
pH	pH	1	1	7.3	7.3	7.3
Potassium	milligrams per litre	1	1	56	56	56
Sodium	milligrams per litre	1	1	370	370	370
Sulfate	milligrams per litre	1	1	<5	<5	<5
Total organic carbon	milligrams per litre	1	1	19	19	19
Total Phenolics	milligrams per litre	1	1	<0.05	<0.05	<0.05

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.

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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).