

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	160	160	160
Arsenic	milligrams per litre	1	1	<0.01	<0.01	<0.01
Benzene	milligrams per litre	1	1	<0.001	<0.001	<0.001
Calcium	milligrams per litre	1	1	320	320	320
Chloride	milligrams per litre	1	1	19000	19000	19000
Conductivity	microsiemens per centimetre	2	2	54000	54000	54000

Fluoride	milligrams per litre	1	1	1.2	1.2	1.2
Lead	milligrams per litre	1	1	<0.01	<0.01	<0.01
Magnesium	milligrams per gram	1	1	1700	1700	1700
Manganese	milligrams per litre	1	1	<0.05	<0.05	<0.05
Nitrate + nitrite (oxidised nitrogen)	milligrams per litre	1	1	1.4	1.4	1.4
Nitrogen (ammonia)	milligrams per litre	1	1	0.35	0.35	0.35
pH	pH	2	2	7.2	7.2	7.2
Potassium	milligrams per litre	1	1	200	200	200
Sodium	milligrams per litre	1	1	15000	15000	15000
Sulfate	milligrams per litre	1	1	3100	3100	3100
Total organic carbon	milligrams per litre	1	1	10	10	10
Total Phenolics	milligrams per litre	1	1	<0.05	<0.05	<0.05
Standing Water Level	metres	2	2	9.4	9.55	9.7

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	0.014	0.014	0.014
Benzene	milligrams per litre	1	1	<0.001	<0.001	<0.001
Calcium	milligrams per litre	1	1	320	320	320
Chloride	milligrams per litre	1	1	15000	15000	15000
Conductivity	microsiemens per centimetre	2	2	47000	48500	50000
Fluoride	milligrams per litre	1	1	<0.5	<0.5	<0.5

Lead	milligrams per litre	1	1	<0.01	<0.01	<0.01
Magnesium	milligrams per gram	1	1	1400	1400	1400
Manganese	milligrams per litre	1	1	0.34	0.34	0.34
Nitrate + nitrite (oxidised nitrogen)	milligrams per litre	1	1	0.32	0.32	0.32
Nitrogen (ammonia)	milligrams per litre	1	1	0.62	0.62	0.62
pH	pH	2	2	5.8	6.00	6.20
Potassium	milligrams per litre	1	1	160	160	160
Sodium	milligrams per litre	1	1	13000	13000	13000
Sulfate	milligrams per litre	1	1	2600	2600	2600
Total organic carbon	milligrams per litre	1	1	8.2	8.2	8.2
Total Phenolics	milligrams per litre	1	1	<0.05	<0.05	<0.05
Standing Water Level	metres	2	2	7.05	7.10	7.20

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	<0.01	<0.01	<0.01
Benzene	milligrams per litre	1	1	<0.001	<0.001	<0.001
Calcium	milligrams per litre	1	1	210	210	210
Chloride	milligrams per litre	1	1	12000	12000	12000
Conductivity	microsiemens per centimetre	2	2	39000	39000	39000
Fluoride	milligrams per litre	1	1	<0.5	<0.5	<0.5
Lead	milligrams per litre	1	1	<0.01	<0.01	<0.01

Magnesium	milligrams per gram	1	1	1000	1000	1000
Manganese	milligrams per litre	1	1	<0.05	<0.05	<0.05
Nitrate + nitrite (oxidised nitrogen)	milligrams per litre	1	1	47	47	47
Nitrogen (ammonia)	milligrams per litre	1	1	0.74	0.74	0.74
pH	pH	2	2	3.7	3.95	4.2
Potassium	milligrams per litre	1	1	140	140	140
Sodium	milligrams per litre	1	1	10000	10000	10000
Sulfate	milligrams per litre	1	1	2800	2800	2800
Total organic carbon	milligrams per litre	1	1	9.4	9.4	9.4
Total Phenolics	milligrams per litre	1	1	<0.05	<0.05	<0.05
Standing Water Level	metres	2	2	17	17.25	17.50

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	2000	2000	2000
Nitrate + nitrite (oxidised nitrogen)	milligrams per litre	1	1	<0.02	<0.02	<0.02
Nitrogen (ammonia)	milligrams per litre	1	1	<0.01	<0.01	<0.01
pH	pH	1	1	9	9	9
Total organic carbon	milligrams per litre	1	1	54	54	54
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	2	2	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	2	2	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.

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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).