

## A. Statement of Compliance - Licence Details

**ALL Licence holders must check that the Licence details in Section A are correct.**

If there are changes to any of these details, **you must advise Environment Protection Authority (EPA) and apply as soon as possible for a variation to your Licence or for a Licence transfer.**

Licence variation and transfer application forms are available on the EPA website at:  
<http://www.epa.nsw.gov.au/licensing-and-regulation/licensing> or from regional offices of the EPA, or by contacting by telephone 02 9995 5700.

If you are applying to vary or transfer your Licence, you must still complete and submit this Annual Return.

### A1. Licence holder

**Licence number** : 5875  
**Licence holder** : GRIFFITH CITY COUNCIL  
**Trading name (if applicable)** :  
**ABN** : 81 274 100 792  
**ACN** :  
**Reporting period** : From: 11-9-2018 To: 10-9-2019

### A2. Premises to which Licence Applies (if applicable)

**Common name (if any)** : THARBOGANG RECYCLING AND WASTE DISPOSAL FACILITY  
**Premises** : HILLSIDE DRIVE THARBOGANG 2680 NSW

### A3. Activities to which Licence Applies

Extractive activities  
Waste disposal (application to land)

### A4. Other Activities (if applicable)

### A5. Fee-Based Activity Classifications

**Note** that the fee based activity classification is used to calculate the administrative fee.

Fee-based activity	Activity scale	Unit of measure
Land-based extractive activity	> 30,000.00 - 50,000.00	T annual capacity to extract, process or store
Waste disposal by application to land	> 0.00	capacity

## 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
<b>Total complaints recorded by the licensee during the reporting period</b>	<b>0</b>

### 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 1

Groundwater Quality Monitoring, Borehole 1 as shown on map titled 'Tharbogang Landfill boreholes and leachate barrier', dated 27 Sep 2006 on DEC file 235451A1/07.

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					
Ammonia	milligrams per litre					
Calcium	milligrams per litre					
Chloride	milligrams per litre					
Chlorinated volatile compounds	milligrams per litre					
Conductivity	microsiemens per centimetre					

Fluoride	milligrams per litre					
Iron	milligrams per litre					
Magnesium	milligrams per litre					
Manganese	milligrams per litre					
Nitrate	milligrams per litre					
pH	pH					
Potassium	milligrams per litre					
Sodium	milligrams per litre					
Sulfate	milligrams per litre					
Total organic carbon	milligrams per litre					
Total Phenolics	milligrams per litre					

## Monitoring Point 3

Groundwater Quality Monitoring, Borehole 3 as shown on map titled 'Tharbogang Landfill boreholes and leachate barrier', dated 27 Sep 2006 on DEC file 235451A1/07.

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					
Ammonia	milligrams per litre					
Calcium	milligrams per litre					
Chloride	milligrams per litre					
Chlorinated volatile compounds	milligrams per litre					
Conductivity	microsiemens per centimetre					
Fluoride	milligrams per litre					
Iron	milligrams per litre					
Magnesium	milligrams per litre					

Manganese	milligrams per litre					
Nitrate	milligrams per litre					
pH	pH					
Potassium	milligrams per litre					
Sodium	milligrams per litre					
Sulfate	milligrams per litre					
Total organic carbon	milligrams per litre					
Total Phenolics	milligrams per litre					

## Monitoring Point 4

Groundwater Quality Monitoring, Borehole 4 as shown on map titled 'Tharbogang Landfill boreholes and leachate barrier' dated 27 Sep 2006 on DEC file 235451A1/07.

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					
Ammonia	milligrams per litre					
Calcium	milligrams per litre					
Chloride	milligrams per litre					
Chlorinated volatile compounds	milligrams per litre					
Conductivity	microsiemens per centimetre					
Fluoride	milligrams per litre					
Iron	milligrams per litre					
Magnesium	milligrams per litre					
Manganese	milligrams per litre					
Nitrate	milligrams per litre					
pH	pH					

Potassium	milligrams per litre					
Sodium	milligrams per litre					
Sulfate	milligrams per litre					
Total organic carbon	milligrams per litre					
Total Phenolics	milligrams per litre					

## Monitoring Point 5

Groundwater Quality Monitoring, Borehole 5 as shown on map titled 'Tharbogang Landfill boreholes and leachate barrier', dated 27 Sep 2006 on DEC file 235451A1/07.

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					
Ammonia	milligrams per litre					
Calcium	milligrams per litre					
Chloride	milligrams per litre					
Chlorinated volatile compounds	milligrams per litre					
Conductivity	microsiemens per centimetre					
Fluoride	milligrams per litre					
Iron	milligrams per litre					
Magnesium	milligrams per litre					
Manganese	milligrams per litre					
Nitrate	milligrams per litre					
pH	pH					
Potassium	milligrams per litre					
Sodium	milligrams per litre					
Sulfate	milligrams per litre					

Total organic carbon	milligrams per litre					
Total Phenolics	milligrams per litre					

## Monitoring Point 6

Groundwater Quality Monitoring, Borehole 6 as shown on map titled 'Tharbogang Landfill boreholes and leachate barrier', dated 27 Sep 2006 on DEC file 235451A1/07.

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					
Ammonia	milligrams per litre					
Calcium	milligrams per litre					
Chloride	milligrams per litre					
Chlorinated volatile compounds	milligrams per litre					
Conductivity	microsiemens per centimetre					
Fluoride	milligrams per litre					
Iron	milligrams per litre					
Magnesium	milligrams per litre					
Manganese	milligrams per litre					
Nitrate	milligrams per litre					
pH	pH					
Potassium	milligrams per litre					
Sodium	milligrams per litre					
Sulfate	milligrams per litre					
Total organic carbon	milligrams per litre					
Total Phenolics	milligrams per litre					

## Monitoring Point 7

Groundwater Quality Monitoring, Borehole 7 as shown on map titled 'Tharbogang Landfill boreholes and leachate barrier', dated 27 Sep 2006 on DEC file 235451A1/07.

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					
Ammonia	milligrams per litre					
Calcium	milligrams per litre					
Chloride	milligrams per litre					
Chlorinated volatile compounds	milligrams per litre					
Conductivity	microsiemens per centimetre					
Fluoride	milligrams per litre					
Iron	milligrams per litre					
Magnesium	milligrams per litre					
Manganese	milligrams per litre					
Nitrate	milligrams per litre					
pH	pH					
Potassium	milligrams per litre					
Sodium	milligrams per litre					
Sulfate	milligrams per litre					
Total organic carbon	milligrams per litre					
Total Phenolics	milligrams per litre					

## Monitoring Point 8

Surface Water Quality Monitoring, Sedimentation basin as outlined in Appendix 21 of the LEMP.

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					
Ammonia	milligrams per litre					
Calcium	milligrams per litre					
Chloride	milligrams per litre					
Chlorinated volatile compounds	milligrams per litre					
Conductivity	microsiemens per centimetre					
Fluoride	milligrams per litre					
Iron	milligrams per litre					
Magnesium	milligrams per litre					
Manganese	milligrams per litre					
Nitrate	milligrams per litre					
pH	pH					
Potassium	milligrams per litre					
Sodium	milligrams per litre					
Sulfate	milligrams per litre					
Total organic carbon	milligrams per litre					
Total Phenolics	milligrams per litre					
Total suspended solids	milligrams per litre					

## Monitoring Point 9

Leachate runoff, Leachate holding pond as outlined in Appendix 21 of the LEMP.



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					
Ammonia	milligrams per litre					
Calcium	milligrams per litre					
Chloride	milligrams per litre					
Chlorinated volatile compounds	milligrams per litre					
Fluoride	milligrams per litre					
Iron	milligrams per litre					
Magnesium	milligrams per litre					
Manganese	milligrams per litre					
Nitrate	milligrams per litre					
pH	pH					
Potassium	milligrams per litre					
Sodium	milligrams per litre					
Sulfate	milligrams per litre					
Total organic carbon	milligrams per litre					
Total Phenolics	milligrams per litre					
Total suspended solids	milligrams per litre					

## Name of the uploaded file containing point data ▼

Ground Water Analysis for TWMC 2018-2019 Reporting Period.pdf

## 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).

## C. Statement of Compliance - Licence Conditions

### C1. Compliance with Licence Conditions

Were all conditions of the licence complied with (including monitoring and reporting requirements)?	No
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### C2. Details of Non-Compliance with Licence

<b>Licence condition number not complied with ▼</b>
06.14
<b>Summary of particulars of the non-compliance ▼</b>
Due to the lack of cover material, operationally it is difficult to meet this licence condition. I am currently working with the EPA Audit team on this matter.
<b>Further details on particulars of non-compliance, if required ▼</b>
<b>Number of times occurred ▼</b>
200
<b>Date(s) when the non-compliance occurred, if applicable ▼</b>
<b>Cause of non-compliance ▼</b>
Due to the lack of cover material, operationally it is difficult to meet this licence condition. I am currently working with the EPA Audit team on this matter.
<b>Action taken or that will be taken to mitigate any adverse effects of the non-compliance ▼</b>
The rubbish is compacted which alleviates wind blow rubbish
<b>Action taken or that will be taken to prevent a recurrence of the non-compliance ▼</b>
Looking into a mechanical solution (landfill lids/ tarps)
<b>Uploaded Document Name ▼</b>
<b>Uploaded Document Description ▼</b>

## D. Statement of Compliance - Load Based Fee Calculation

If you are not required to monitor assessable pollutants by your licence, **no data** will appear below.

If assessable pollutants have been identified on your licence, the following worksheets for each assessable pollutant will determine your load based fee for the licence fee period to which this Annual Return relates.

**Loads of assessable pollutants must be calculated using any of the methods provided in EPA's Load Calculation Protocol for the relevant activity.** A Load Calculation Protocol would have been already sent to you with your licence. If you require additional copies, you can download the Protocol from the EPA's website or you can contact us on telephone 02 9995 5700.

You are required to keep all records used to calculate licence fees for four years after the licence fee was paid or became payable, whichever is the later date.

## E. Statement of Compliance - Requirement to Prepare PIRMP

<b>Have you prepared a Pollution Incident Response Management Plan (PIRMP) as required under section 153A of the Protection of the Environment Operations (POEO) Act 1997?</b>		<b>Yes</b>
Is the PIRMP available at the premises?		<b>Yes</b>
Is the PIRMP available in a prominent position on a publicly accessible website?		<b>Yes</b>
Address of the web page where the PIRMP can be accessed ▼		
<a href="https://www.griffith.nsw.gov.au/cp_themes/default/page.asp?p=DOC-KCB-52-46-17">https://www.griffith.nsw.gov.au/cp_themes/default/page.asp?p=DOC-KCB-52-46-17</a>		
Has the PIRMP been tested?		<b>Yes</b>
The PIRMP was last tested on	<b>10-9-2019</b>	
Has the PIRMP been updated?		<b>Yes</b>
The PIRMP was last updated on	<b>10-9-2019</b>	
Number of times the PIRMP was activated in this reporting period?		<b>1</b>
The PIRMP was activated on	<b>15/3/19</b>	

## F. Statement of Compliance - Requirement to Publish Pollution Monitoring Data

<b>Are there any conditions attached to your licence that require pollution monitoring to be undertaken as required under section 66(6) of the Protection of the Environment Operations (POEO) Act 1997?</b>		<b>Yes</b>
Do you operate a website?		<b>Yes</b>
Is the pollution monitoring data published on your website in accordance with the EPA's written requirements for publishing pollution monitoring data?		<b>Yes</b>
Address of the web page where the pollution monitoring data can be accessed ▼		
<a href="https://www.griffith.nsw.gov.au/cp_themes/default/page.asp?p=DOC-KCB-52-46-17">https://www.griffith.nsw.gov.au/cp_themes/default/page.asp?p=DOC-KCB-52-46-17</a>		

## G. Statement of Compliance - Environment Management System and Practices

Do you have an ISO 14001 certified Environmental Management System (EMS) OR any other system that EPA considers is equivalent to the accountability, procedures, documentation and record keeping requirements of an ISO 14001 certified EMS?	No
Have you conducted an assessment of your activities and operations to identify the aspects that have a potential to cause environmental impacts and implemented operational controls to address these aspects?	No
Have you established and implemented an operational maintenance program, including preventative maintenance?	Yes
Do you keep records of regular inspections and maintenance of plant and equipment?	Yes
Do you conduct regular (at least yearly) environmental audits at the premises that are conducted by a competent and independent person?	No
Have you undertaken an independent environmental audit covering documented environmental practices, procedures and systems in place during the annual return period?	Yes
Have you established and implemented an environmental improvement or management plan?	No
Do you train staff in environmental issues that may arise from your activities and operations at the premises and keep records of this?	No

## H. Signature and Certification

**This Annual Return may only be signed by person(s) with legal authority to sign it as set out in following categories: an Individual, a Company, a Public authority or a Local council.**

**It is an offence under section 66 of the Protection of the Environment Operations Act 1997 to supply any information in this form that is false or misleading in a material respect, or to certify a statement that is false or misleading in a material respect. There is a maximum penalty of \$250,000 for a corporation and \$120,000 for an individual.**

I/We

- declare that the information in the Monitoring and Complaints Summary in Section B of this Annual Return application is correct and not false or misleading in a material respect, and
- certify that the information in the Statement and Compliance in sections A, C, D, E, F, G and H and any other pages attached to Section C is correct and not false or misleading in a material respect.

Signature	
Name	

Position	
Date	/  /
<b>Declaration</b>  I declare that the information in the Monitoring and Complaints Summary in section B of this Annual Return is correct and not false or misleading in a material respect, and  I certify that the information in the Statement of Compliance in section A,C,D,E,F and G and any pages attached to Section C is correct and not false or misleading in a material respect.	