



<b>Works approval number</b>	W5214/2012/1
<b>Works approval holder</b>	Lake Austin Mining Pty Ltd
<b>ACN</b>	607 635 192
<b>Registered business address</b>	Unit B9 431 Roberts Road Subiaco WA 6008
<b>DWER file number</b>	2012/003780
<b>Duration</b>	31/08/2012 to 31/08/2025
<b>Date of issue</b>	31/08/2012
<b>Date of amendment</b>	29/08/2024
<b>Premises details</b>	White Well Gold Project  Mining Tenement M20/54  CUE WA 6640  As defined by the coordinates in Schedule 1

<b>Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)</b>	<b>Assessed production / design capacity</b>
Category 5: Processing or beneficiation of metallic or non-metallic ore	2,400,000 tonnes per annual period
Category 89: Putrescible landfill site	45 tonnes per annual period

This works approval is granted to the works approval holder, subject to the attached conditions, on 29 August 2024, by:

**MANAGER, RESOURCE INDUSTRIES  
INDUSTRY REGULATION (STATE-WIDE DELIVERY)**  
*Officer delegated under section 20  
of the Environmental Protection Act 1986*

## Works approval history

Date	Reference number	Summary of changes
31/08/2012	W5214/2012/1	Works Approval granted
27/08/2015	W5214/2012/1	Amendment to extend the expiry date from 29 August 2015 to 30 August 2018.
28/04/2016	W5214/2012/1	Amendment to transfer Holder, increased Category 5 design capacity, relocate TSF and processing plant, add Category 89, remove accommodation camp.
17/08/2018	W5214/2012/1	Amendment Notice 1 to extend the expiry date from 30 August 2018 to 31 August 2021.
10/03/2020	W5214/2012/1	Amendment to increase Category 89 capacity
29/08/2024	W5214/2012/1	Amendment to extend the duration of the Works Approval by 12 months.

## Interpretation

In this works approval:

- (a) the words 'including', 'includes' and 'include' in conditions mean "including but not limited to", and similar, as appropriate;
- (b) where any word or phrase is given a defined meaning, any other part of speech or other grammatical form of that word or phrase has a corresponding meaning;
- (c) where tables are used in a condition, each row in a table constitutes a separate condition;
- (d) any reference to an Australian or other standard, guideline or code of practice in this works approval means the version of the standard, guideline or code of practice in force at the time of granting of this works approval and includes any amendments to the standard, guideline or code of practice which may occur from time to time during the course of the works approval;
- (e) unless specified otherwise, any reference to a section of an Act refers to that section of the EP Act; and
- (f) unless specified otherwise, all definitions are in accordance with the EP Act.

**NOTE:** This works approval requires specific conditions to be met but does not provide any implied authorisation for other emissions, discharges, or activities not specified in this works approval.

# Works approval conditions

The Works Approval Holder must ensure that the following conditions are complied with:

## Construction phase

### Infrastructure and equipment

1. The Works Approval Holder must:
  - (a) construct and/or install the infrastructure and/or equipment;
  - (b) in accordance with the corresponding design and construction / installation requirements; and
  - (c) at the corresponding infrastructure location;
 as set out in Table 1.

**Table 1: Design and construction / installation requirements**

	Infrastructure	Design and construction / installation requirements	Infrastructure location
1.	Category 5	Works Approval Application Form, Lake Austin Mining Pty Ltd dated 6 November 2015. (HPE A1043797)	Schedule 1 Maps: Figure 1: Premises Map
2.		Lake Austin Mining Pty Ltd, White Well Gold Project Tenement M20/54 Mining Proposal, January 2016, DOC.NO.WW-J-RP-002_A dated January 2016. (HPE A1051000)	
3.		White Well Project – Application for Amendment to Works Approval, Response to Queries from DER of 16/02/2016, Jon Lilly, Lake Austin Mining Pty Ltd dated 17 February 2016. (HPE A1051775)	
4.		White Well Project – Application for Amendment to Works Approval, Response to Queries from DER of 08/03/2016, Jon Lilly, Lake Austin Mining Pty Ltd dated 9 March 2016. (HPE A1062146)	
5.		Email correspondence titled; W5214 amendment - 21 day comments from proponent, 13/04/2016 9:06AM, Jon Lilly Project Manager White Well Gold Project dated 13 April 2016. (HPE A1080732)	
6.	Category 89	<p>12 trenches will be constructed.</p> <p>Each trench will be constructed:</p> <ul style="list-style-type: none"> <li>• Only in the location identified on the proposed landfill layout map within the Waste Rock Dump:</li> <li>• 30m length by 10m wide and 2m depth;</li> <li>• Have contour banks/bunds to direct uncontaminated stormwater away from the trench.</li> </ul> <p>(HPE DWERDT207296)</p>	Schedule 1: Maps Figure 3: Proposed landfill layout

## Compliance reporting

2. The Works Approval Holder shall submit an Environmental Compliance Report to the CEO, following the construction of the works and prior to commissioning of the same.
3. The compliance document shall:
  - (a) certify that the works were constructed in accordance with the conditions of the Works Approval; and
  - (b) be signed by a person authorised to represent the Works Approval Holder and contain the printed name and position of that person within the company.

## Environmental commissioning phase

### Environmental commissioning requirements

4. The Works Approval Holder shall commission the works for a period not exceeding three months.
5. The Works Approval Holder shall, at least one month prior to commencing commissioning, submit a commissioning plan to the CEO. The commissioning plan shall include details relating to:
  - (a) the commissioning stages and expected timescales for commissioning;
  - (b) expected emissions and discharges during commissioning and the environmental implications of the emissions;
  - (c) how emissions and discharges will be managed during commissioning;
  - (d) the monitoring that will be undertaken during the commissioning period;
  - (e) how accidents or malfunctions will be managed;
  - (f) start up and shut down procedures; and
  - (g) reporting proposals including accidents, malfunctions and reporting against the commissioning plan.
6. The Works Approval Holder shall ensure that commissioning shall be carried out in accordance with the commissioning plan.
7. The Works Approval Holder shall submit an Environmental Commissioning Report for the works, to the CEO within 1 month of the completion of commissioning.

## Monitoring during environmental commissioning

8. The Works Approval Holder shall ensure that:
  - (a) all wastewater sampling is conducted in accordance with AS/NZS 5667.11;
  - (b) groundwater samples for the monitoring of WAD Cyanide are collected and preserved in accordance with APHA; and
  - (c) all laboratory samples are submitted to and tested by a laboratory with current NATA accreditation for the parameters being measured unless indicated otherwise in the relevant table.
9. The Works Approval Holder shall undertake the monitoring specified in Table 2, and identified in Schedule 1, Figure 2 prior to the works commissioning period.

**Table 2: Monitoring of ambient groundwater quality**

Monitoring point reference	Parameter	Units	Averaging period	Frequency
Monitoring bores TSFMB1, TSFMB2, TSFMB3 & TSFMB4	Arsenic	mg/L	Spot sample	Prior to the commissioning period
	Cadmium			
	Chromium			
	Copper			
	Lead			
	Selenium			
	Sulphate			
	Total acidity			
	Zinc			
	Total Dissolved Solids			
	WAD cyanide			
	pH <sup>1</sup>	Not specified		
Standing water level (SWL) <sup>2</sup> .	mbgl			

*Note<sup>1</sup>: In-situ, non-NATA accredited analysis permitted.*

*Note<sup>2</sup>: To be determined prior to collection of water samples.*

## Commencement and duration

10. The Works Approval Holder shall ensure that the parameters listed in Table 3 are notified to the CEO and are in accordance with the notification requirements of the table.

**Table 3: Notification requirements**

Condition or table	Parameter	Notification requirement	Format or form
Condition 4	Commencement of commissioning	7 days prior to start	None specified
	Completion of commissioning	7 days after completion	

11. The Works Approval Holder shall ensure that the parameters listed in Table 4 are notified to the CEO and are in accordance with the notification requirements of the table.

**Table 4: Notification requirements**

Condition or table	Parameter	Notification requirement	Format or form
Condition 9	A summary of the monitoring results recorded under condition 9	Within 30 days from the receipt of the monitoring results.	None specified

## Records and reporting (general)

12. The Works Approval Holder must maintain accurate and auditable books including the following records, information, reports, and data required by this works approval:
- the works conducted in accordance with condition 1;
  - any maintenance of infrastructure that is performed in the course of complying with condition 1; and
  - monitoring programmes undertaken in accordance with condition 9.
13. The books specified under condition 12 must:
- be legible;
  - if amended, be amended in such a way that the original version(s) and any subsequent amendments remain legible and are capable of retrieval;
  - be retained by the Works Approval Holder for the duration of the Works Approval; and
  - be available to be produced to an inspector or the CEO as required.
14. The works approval holder must record the following information in relation to complaints received by the works approval holder (whether received directly from a complainant or forwarded to them by the Department or another party) about any alleged emissions from the premises:
- the name and contact details of the complainant, (if provided);
  - the time and date of the complaint;

- (c) the complete details of the complaint and any other concerns or other issues raised; and.
- (d) the complete details and dates of any action taken by the works approval holder to investigate or respond to any complaint.

## Definitions

In this Works Approval, the terms in Table 5 have the meanings defined.

**Table 5: Definitions**

Term	Definition
annual period	a 12 month period commencing from 31 August until 30 August of the immediately following year.
APHA	means the American Public Health Association: <i>Standard Methods for the Examination of Water and Wastewater</i> .
AS/NZS 5667.11	means the Australian Standard AS/NZS 5667.11 <i>Water Quality – Sampling Guidance on sampling of groundwaters</i> ;
books	has the same meaning given to that term under the EP Act.
CEO	means Chief Executive Officer. CEO for the purposes of notification means: Director General Department administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 Joondalup DC WA 6919 <a href="mailto:info@dwer.wa.gov.au">info@dwer.wa.gov.au</a>
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> and designated as responsible for the administration of Part V Division 3 of the EP Act.
discharge	has the same meaning given to that term under the EP Act.
emission	has the same meaning given to that term under the EP Act.
environmental commissioning	means the sequence of activities to be undertaken to test equipment integrity and operation, or to determine the environmental performance, of equipment and infrastructure to establish or test a steady state operation and confirm design specifications.
Environmental Commissioning Report	means a report on any commissioning activities that have taken place and a demonstration that they have concluded, with focus on emissions and discharges, waste containment, and other environmental factors.

<b>Term</b>	<b>Definition</b>
Environmental Compliance Report	means a report to satisfy the CEO that the conditioned infrastructure and equipment has been constructed and installed in accordance with the works approval.
EP Act	<i>Environmental Protection Act 1986 (WA).</i>
EP Regulations	<i>Environmental Protection Regulations 1987 (WA).</i>
mbgl	means metres below ground level.
mg/L	means milligrams per litre.
NATA	means the National Association of Testing Authorities, Australia.
NATA accredited	means in relation to the analysis of a sample that the laboratory is NATA accredited for the specified analysis at the time of the analysis.
premises	the premises to which this licence applies, as specified at the front of this licence and as shown on the premises map (Figure 1) in Schedule 1 to this works approval.
prescribed premises	has the same meaning given to that term under the EP Act.
Schedule 1	means Schedule 1 of this Works Approval unless otherwise stated.
TSF	Tailings Storage Facility
waste	has the same meaning given to that term under the EP Act.
spot sample	means a discrete sample representative at the time and place at which the sample is taken.
WAD Cyanide	means cyanide species liberated at moderate pH of 4.5
Works Approval	refers to W5214/2012/1, which evidences the grant of the works approval by the CEO under section 54 of the EP Act, subject to the conditions.
Works Approval Holder	Lake Austin Mining Pty Ltd

## END OF CONDITIONS



# Schedule 1: Maps

Figure 1: Premises map

The Premises is shown in the map below. The pink line depicts the Premises boundary.

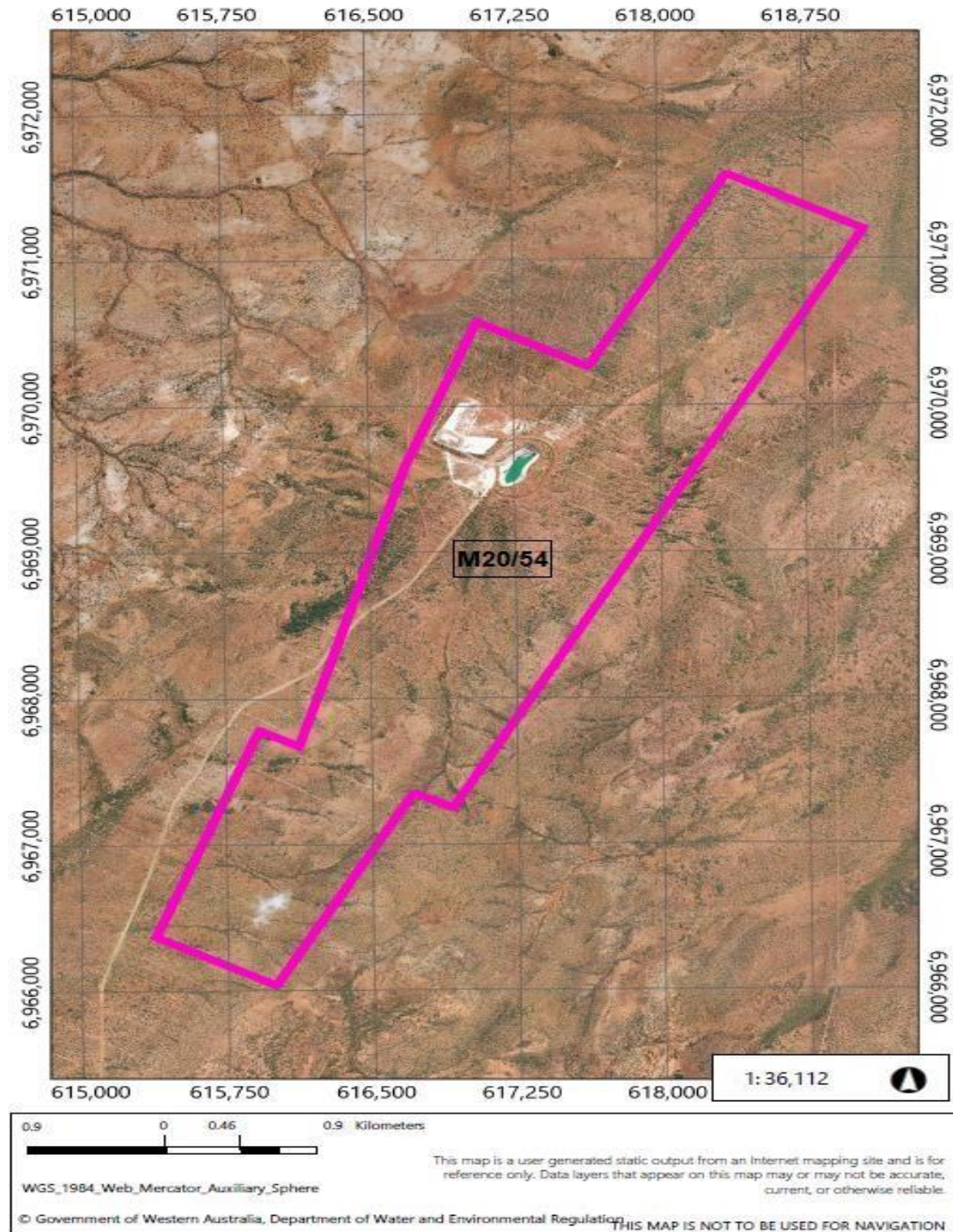


Figure 2: Ambient groundwater monitoring bore location

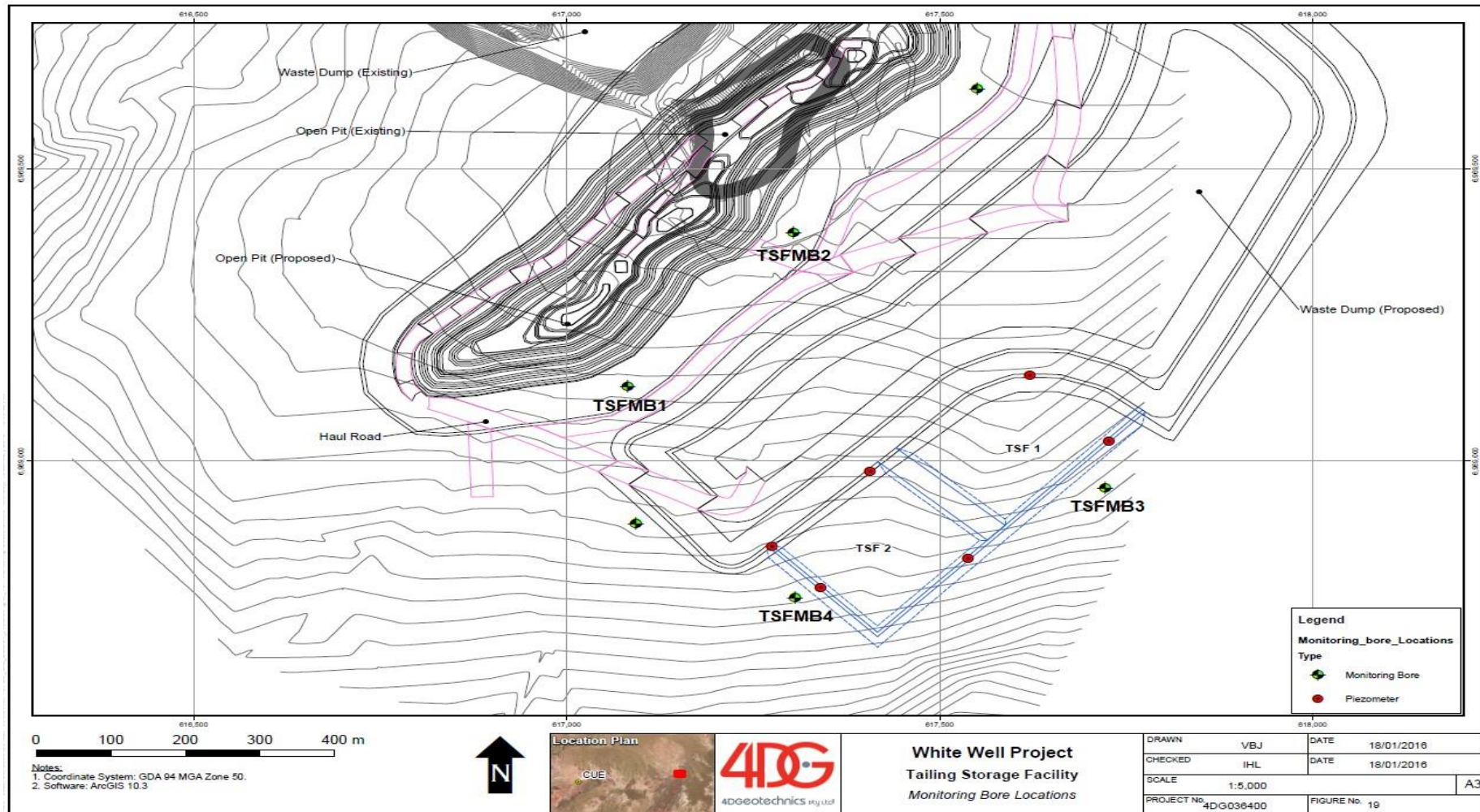


Figure 3: Proposed landfill layout

