



<b>Licence number</b>	L9185/2018/1
<b>Licence holder</b>	WMines Limited
<b>ACN</b>	645 468 499
<b>Registered business address</b>	Suite J, 34 Suakin Drive MOSMAN NSW 2088
<b>DWER file number</b>	DER2018/001651
<b>Duration</b>	01/06/2019 to 31/05/2029
<b>Date of transfer</b>	19/07/2023
<b>Premises details</b>	Burbanks Treatment Plant  Mining tenements: M15/1273, M15/1369, M15/1370, G15/10, G15/11, G15/12, G15/13, G15/25 and L15/110  As depicted 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	180 000 tonnes per annual period

This licence is granted to the licence holder, subject to the attached conditions, on 19 July 2023, by:

**A/MANAGER, RESOURCE INDUSTRIES**

an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

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## Introduction

This Introduction is not part of the Licence conditions.

### DWER's industry licensing role

The Department of Water and Environmental Regulation (DWER) is a government department for the state of Western Australia in the portfolio of the Minister for Environment. DWER's purpose is to advise on and implement strategies for a healthy environment for the benefit of all current and future Western Australians.

DWER has responsibilities under Part V of the Environmental Protection Act 1986 (the Act) for the licensing of prescribed premises. Through this process DWER regulates to prevent, control and abate pollution and environmental harm to conserve and protect the environment. DWER also monitor and audit compliance with works approvals and licence conditions, take enforcement action as appropriate and develop and implement licensing and industry regulation policy.

### Licence requirements

This licence is issued under Part V of the Act. Conditions contained within the licence relate to the prevention, reduction or control of emissions and discharges to the environment and to the monitoring and reporting of them.

Where other statutory instruments impose obligations on the Premises/Licence Holder the intention is not to replicate them in the licence conditions. You should therefore ensure that you are aware of all your statutory obligations under the Act and any other statutory instrument. Legislation can be accessed through the State Law Publisher website using the following link: <http://www.slp.wa.gov.au/legislation/statutes.nsf/default.html>

For your Premises relevant statutory instruments include but are not limited to obligations under the:

- Environmental Protection (Unauthorised Discharges) Regulations 2004 – these Regulations make it an offence to discharge certain materials such as contaminated stormwater into the environment other than in the circumstances set out in the Regulations.
- Environmental Protection (Controlled Waste) Regulations 2004 - these Regulations place obligations on you if you produce, accept, transport or dispose of controlled waste.
- Environmental Protection (Noise) Regulations 1997 – these Regulations require noise emissions from the Premises to comply with the assigned noise levels set out in the Regulations.

You must comply with your licence. Non-compliance with your licence is an offence and strict penalties exist for those who do not comply.

Licence holders are also reminded of the requirements of section 53 of the Act which places restrictions on making certain changes to prescribed premises unless the changes are in accordance with a works approval, licence, closure notice or environmental protection notice.

### Licence fees

If you have a licence that is issued for more than one year, you are required to pay an annual licence fee prior to the anniversary date of issue of your licence. Non-payment of annual licence fees will result in your licence ceasing to have effect meaning that it will no longer be valid and you will need to apply for a new licence for your Premises.

### Ministerial conditions

If your Premises has been assessed under Part IV of the Act you may have had conditions imposed by the Minister for the Environment. You are required to comply with any conditions imposed by the Minister.

### Premises description and Licence summary

The Burbanks Treatment Plant is located 8.4 kilometres south of Coolgardie, on mining tenements M15/1273, M15/1369, M15/1370, G15/10, G15/11, G15/12, G15/13, G15/25 and L15/110, Nepean Road, Coolgardie.

The process at the site involves toll treating ore from mining operations in the Coolgardie area, with the resulting tailings being discharged into an onsite aboveground tailings storage facility (TSF2). The processing plant includes two stages of crushing, ball milling and a carbon in pulp circuit of a nominal 180,000 tonnes per year capacity, triggering Category 5 from Schedule 1 of the Environmental Protection Regulations 1987. The main concern at the site is dust emissions produced from the activities and seepage from the TSF into the local groundwater.

The TSF was originally constructed in the 1980s and has an estimated permeability of approximately  $1 \times 10^{-8}$ . Burbanks does not have a decant water pond on site, with its return water pumped directly to the process water tanks. The current TSF height in which this licence permits tailings deposition to is RL 431.5m.

A Mining Proposal (MP) and Mine Closure Plan (MCP) was approved by the Department of Mines, Industry Regulation and Safety in 2015 to raise the existing TSFs by 15m and combine TSF1 and TSF2 as a two paddock deposition area for Burbanks. In July 2015, DWER issued a works approval (W5843/2015/1) for the construction of a TSF lift of up to five metres across the two TSFs over a five year period.

Licence amendment dated 11 February 2016 was the result of a technical non-compliance identified during an inspection conducted by DWER's Inspection and Compliance Branch on 21 January 2015. Minor amendments to misinterpreted conditions have been made to bring the Licence Holder into compliance with this Licence.

In conducting the amendment DWER also reviewed ambient groundwater monitoring conditions which were seen to be insufficient in determining the real impacts of seepage from the TSF. No further assessment of Licence conditions took place during this amendment.

### April 2020 Amendment

Transfer of licence to Coil Group, and

- updated the format and appearance of the Licence;
- Update the N1 form in Schedule 2 to the current version; and
- corrected clerical mistakes and unintentional errors.

The licences and works approvals issued for the Burbanks Treatment Plant since 14 September 2009 include:

<b>Instrument log</b>		
<b>Instrument</b>	<b>Issued</b>	<b>Description</b>
L8382/2009/1	14/09/2009	New licence application
W5158/2012/1	14/05/2012	Works approval application to raise TSF in 2 stages
L8382/2009/1	07/03/2013	Amended licence to assess operations following compliance with W5158 and first stage of TSF lift to RL431.5m
L8382/2009/2	12/09/2013	Licence re-issue
W5843/2015/1	16/07/2015	Works approval to raise TSF embankments to maximum crest height of RL449. Lift to be in 2 stages
L8382/2009/2	11/02/2016	Amendment to remove condition 1.2.1
L8382/2009/2	29/04/2016	Notice of amendment to extend expiry date of licence
L8382/2009/2	05/10/2018	Licence amendment to transfer Licence Holder from Ramelius Milling Services Pty Ltd to Eastern Milling Services Pty Ltd
L8382/2009/2	13/09/2018	Licence ceased to have effect due to non-payment of annual fees
W5843/2015/1	22/05/2019	Works Approval amended to change the works approval holder to Eastern Goldfields Milling Services Pty Ltd, and the expiry date to 1 January 2021.
W5843/2015/1	23/05/2019	Amendment Notice 1: duplicating the amendments authorised above
L9185/2018/1	31/05/2019	New licence issued
L9185/2018/1; W5843/2015/1	21/04/2020	Transferred to Coil Group Pty Ltd; and administrative amendments
L9185/2018/1	11/08/2020	Administrative amendment to fix clerical mistakes and an error with the AACR report date.
L9185/2018/1	19/07/2023	Transferred to WMines Limited

## Severance

It is the intent of these licence conditions that they shall operate so that, if a condition or a part of a condition is beyond the power of this licence to impose, or is otherwise ultra vires or invalid, that condition or part of a condition shall be severed and the remainder of these conditions shall nevertheless be valid to the extent that they are within the power of this licence to impose and are not otherwise ultra vires or invalid.

### END OF INTRODUCTION

## Licence conditions

### 1 General

#### 1.1 Interpretation

1.1.1 In the licence, definitions from the *Environmental Protection Act 1986* apply unless the contrary intention appears.

1.1.2 In the licence, unless the contrary intention appears:

**‘the Act’** means the *Environmental Protection Act 1986*;

**‘annual period’** means the period from **1 July until 30 June** in the following year;

**‘AS/NZS 5667.1’** means the Australian Standard AS/NZS 5667.1 *Water Quality – Sampling – Guidance of the Design of sampling programs, sampling techniques and the preservation and handling of samples*;

**‘AS/NZS 5667.11’** means the Australian Standard AS/NZS 5667.11 *Water Quality – Sampling – Guidance on sampling of groundwaters*;

**‘CEO’** means Chief Executive Officer of the Department of Water and Environmental Regulation;

**‘CEO’** for the purpose of correspondence means;

Chief Executive Officer  
Department Administering the *Environmental Protection Act 1986*  
Locked Bag 10  
Joondalup DC  
JOONDALUP WA 6919  
Email: [info@dwer.wa.gov.au](mailto:info@dwer.wa.gov.au);

**‘Compliance Report’** means a report in a format approved by the CEO as presented by the Licence Holder or as specified by the CEO (guidelines and templates may be available on the Department’s website);

**‘controlled waste’** has the definition in regulation 2 of the *Environmental Protection (Controlled Waste) Regulations 2004*;

**‘Licence’** means this licence numbered L9185/2018/1 and issued under the *Environmental Protection Act 1986*;

**‘Licence Holder’** refers to the Occupier of the premises being the person to whom this Licence has been granted, as specified at the front of this Licence;

**‘NATA’** means the National Association of Testing Authorities, Australia;

**‘Premises’** refers to the premises to which this Licence applies, as specified at the front of this Licence and as shown on the map in Schedule 1 to this Licence;

**‘spot sample’** means a discrete sample representative at the time and place at which the sample is taken;

**‘TSF’** means an engineered containment pond or dam used to store tailings; and

**‘waste’** has the meaning defined in the *Environmental Protection Act 1986*;

1.1.3 Any reference to an Australian or other standard in the Licence means the relevant parts of the standard in force from time to time during the term of this Licence.

1.1.4 Any reference to a guideline or code of practice in the Licence means the version of that guideline or code of practice in force from time to time, and shall include any

amendments or replacements to that guideline or code of practice made during the term of this Licence.

## 1.2 Premises operation

1.2.1 The Licence Holder shall ensure that all pipelines containing saline water, tailings or return water are either:

- (a) equipped with telemetry systems and pressure sensors along pipelines to allow for the detection of leaks and failures; or
- (b) equipped with automatic cut-outs in the event of a pipe failure; or
- (c) provided with secondary containment sufficient to contain any spill for a period equal to the time between routine inspections.

1.2.2 The Licence Holder shall manage the TSFs such that:

- (a) a minimum top of embankment freeboard of 500 mm is maintained;
- (b) a seepage collection and recovery system is provided and used to capture seepage from the TSFs;
- (c) seepage is returned to the TSFs or the process;
- (d) methods of operation minimise the likelihood of erosion of the embankments by wave action; and
- (e) the supernatant pond on the TSFs is minimised as far as possible.

1.2.3 The Licence Holder shall:

- (a) undertake inspections as detailed in Table 1.2.3;
- (b) where any inspection identifies that an appropriate level of environmental protection is not being maintained, take corrective action to mitigate adverse environmental consequences immediately; and
- (c) maintain a record of all inspections undertaken.

<b>Table 1.2.3: Inspection of infrastructure</b>		
<b>Scope of inspection</b>	<b>Type of inspection</b>	<b>Frequency of inspection</b>
Tailings pipelines	Visual integrity	Daily
Return water lines	Visual integrity	Daily
TSF embankment freeboard	Visual to confirm required freeboard capacity is available	Daily

1.2.4 The Licence Holder shall undertake an annual water balance for the TSF. The water balance shall as a minimum consider the following:

- (a) site rainfall;
- (b) evaporation;
- (c) decant water recovery volumes;
- (d) seepage recovery volumes; and
- (e) volumes of tailings deposited.

## 2 Monitoring

### 2.1 General monitoring

2.1.1 The Licence Holder shall ensure that:

- (a) all water samples are collected and preserved in accordance with AS/NZS 5667.1;
- (b) all groundwater sampling is conducted in accordance with AS/NZS 5667.11; and

- (c) all laboratory samples are submitted to and tested by a laboratory with current NATA accreditation for the parameters being measured.

2.1.2 The Licence Holder shall ensure that :

- (a) monthly monitoring is undertaken at least 15 days apart; and  
(b) quarterly monitoring is undertaken at least 45 days apart.

## 2.2 Ambient environmental quality monitoring

2.2.1 The Licence Holder shall undertake the monitoring in Table 2.2.1 according to the specifications in that table and record and investigate results that do not meet any limit specified.

Table 2.2.1: Monitoring of ambient groundwater quality					
Monitoring point reference	Parameter	Limit	Units	Averaging period	Frequency
Bores WB1, WB2, WB3, WB4 and WB5	Standing water level <sup>1</sup>	4	m(AHD)	Spot sample	Monthly
	pH <sup>2</sup>	-	-	Spot sample	Quarterly
	Weak Acid Dissociable Cyanide	0.8	mg/L		
	Total Dissolved Solids	-			
	Arsenic				
	Aluminium				
	Cadmium				
	Iron				
	Mercury				
	Total Sulfur				

Note 1: SWL shall be determined prior to collection of other water samples.

Note 2: In-field non-NATA accredited analysis permitted.

## 3 Information

### 3.1 Records

3.1.1 All information and records required by the licence shall:

- (a) be legible;  
(b) if amended, be amended in such a way that the original and subsequent amendments remain legible or are capable of retrieval;  
(c) except for records listed in 3.1.1(d) be retained for at least six years from the date the records were made or until the expiry of the licence or any subsequent licence; and  
(d) for the following records, be retained until the expiry of the licence and any subsequent licence:  
(i) off-site environmental effects; or  
(ii) matters which affect condition of the land or groundwater.

3.1.2 The Licence Holder shall ensure that:

- (a) any person left in charge of the premises is aware of the conditions of this licence and has access at all times to this licence or copies thereof; and  
(b) any person who performs tasks on the premises is informed of all of the conditions of this licence that relate to the tasks which that person is performing.

3.1.3 The Licence Holder must submit to the CEO, no later than 30 September, an Annual Audit Compliance Report indicating the extent to which the Licence Holder has complied with the Conditions in this Licence for the preceding Annual Period.



- 3.1.4 The Licence Holder shall implement a complaints management system that as a minimum records the number and details of complaints received concerning the environmental impact of the activities undertaken at the premises and any action taken in response to the complaint.

## 3.2 Reporting

- 3.2.1 The Licence Holder must submit to the CEO by no later than 30 September, an Annual Environmental Report for that annual period for the conditions listed in Table 3.2.1, and which provides information in accordance with the corresponding requirements set out in Table 3.2.1

Table 3.2.1: Annual Environmental Report		
Condition or table (if relevant)	Parameter	Format or form
-	Summary of any failure or malfunction of any pollution control equipment or any incidents that have occurred during the year and any action taken	None specified
3.1.3	Compliance	Annual Audit Compliance Report Form (AACR) <sup>1</sup>
3.1.4	Complaints summary	None specified
2.2.1	Monitoring results from the required monitoring regime listed in Table 2.2.1	None specified

Note 1: Form can be found on the Department's website <https://www.der.wa.gov.au/our-work/licences-and-works-approvals/publications>

## 3.3 Notification

- 3.3.1 The Licence Holder shall ensure that the parameters listed in Table 3.3.1 are notified to the CEO at the contact address and in accordance with the notification requirements of the table.

Table 3.3.1: Notification requirements			
Condition or table (if relevant)	Parameter	Notification requirement <sup>1</sup>	Format or form <sup>2</sup>
Table 2.2.1	Breach of any limit specified in the licence	Part A: As soon as practicable but no later than 5PM of the next usual working day.  Part B: As soon as practicable	N1

Note 1: Notification requirements in the Licence shall not negate the requirement to comply with s72 of the Act

Note 2: N1 Form is provided in Schedule



## Schedule 1: Maps

### Premises map

The Premises is shown in the map below. The yellow line depicts the Premises boundary (Figure 1).



Figure 1: Map of the boundary of the prescribed premises



## Map of monitoring locations

The locations of the monitoring points defined in Table 3.2.1 are shown below.

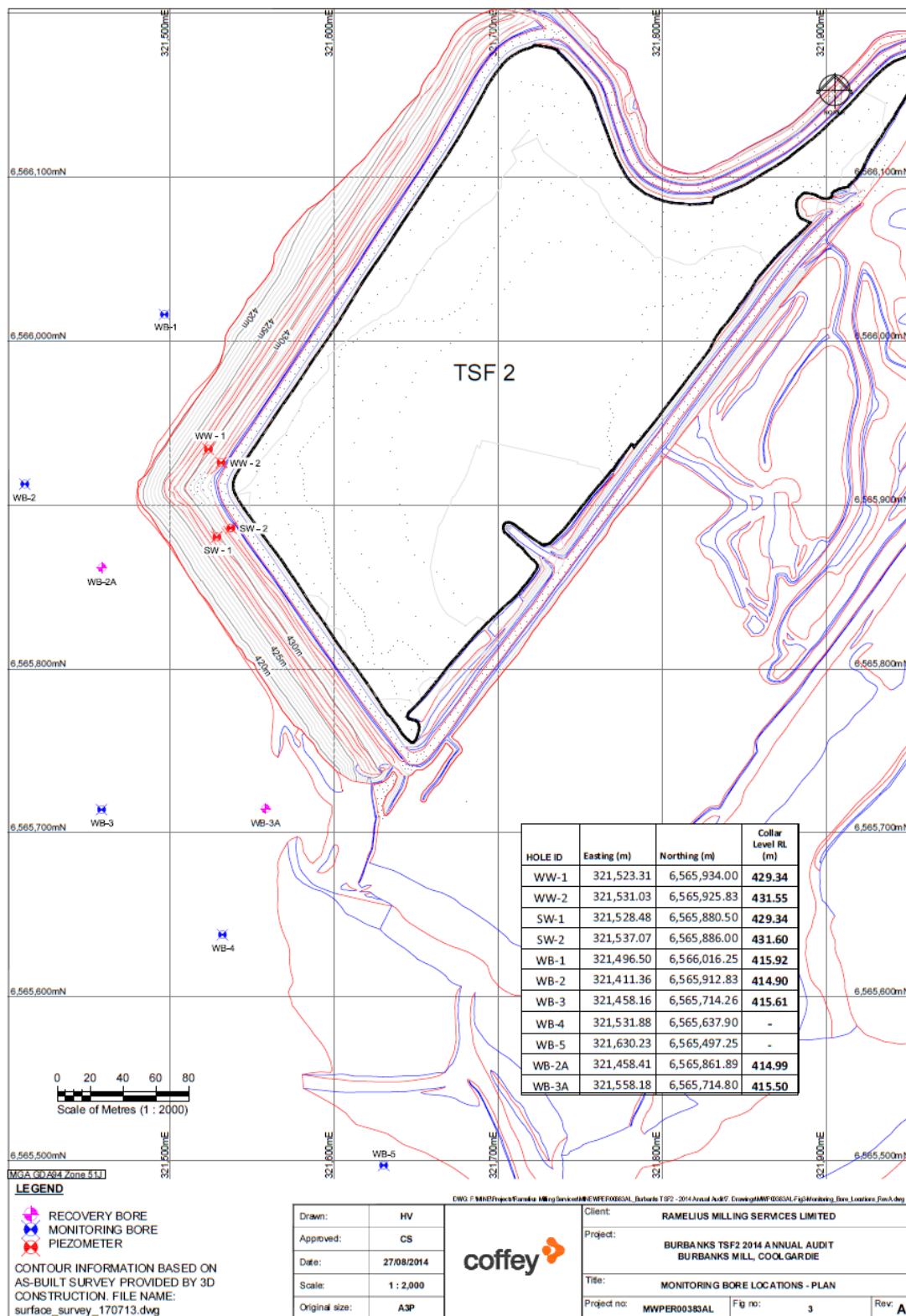


Figure 2: The locations of the monitoring points defined in Table 3.2.1

## Schedule 2: Notification form

Licence:

Licence holder:

Form: N1

Date of breach:

### Notification of detection of the breach of a limit.

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

### Part A

Licence number	
Name of operator	
Location of premises	
Time and date of the detection	

Notification requirements for the breach of a limit	
Emission point reference/source	
Parameter(s)	
Limit	
Measured value	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

## Part B

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident.	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission.	
The dates of any previous N1 notifications for the Premises in the preceding 24 months.	

Name	
Post	
Signature on behalf of licence holder	
Date	