Government of Western Australia
Department of Water and Environmental Regulation

Licence

Licence number	L8934/2015/1
Licensee	Big Bell Gold Operations Pty Ltd
ACN	090 642 809
Registered business address	Level 6, 197 St Georges Tce PERTH WA 6000
DWER file number	DER2015/002680
Duration	7/03/2016 to 6/03/2026
Date of amendment	3/09/2020
Premises details	Cue Gold Operations Mining tenements M20/17, M20/99, M20/192, L20/21, L20/39, L20/40,L20/41, L21/14, M20/252, M20/307, M20/333, M20/418,M20/435, G20/1, G20/2, G20/3, G20/11, M20/103, M20/171, M20/202, M20/21, M20/22, M20/354,M20/78, M20/104, M20/256, M20/297, M20/301 and M20/354 CUE WA 6640

Prescribed premises category description (Schedule 1, *Environmental Protection Regulations 1987*)	Assessed production / design capacity
Category 6: Mine dewatering: premises on which water is extracted and discharged into the environment to allow mining or ore	5,324,556 tonnes per annual period
Category 64: Putrescible landfill site	600 tonnes per annual period
Category 85: Sewage facility	50 cubic metres per day

This amended licence is granted to the Licensee, subject to the attached conditions, on 3 September 2020, by:

Alana Kidd
Digitally signed by Alana Kidd
Date: 2020.09.03 12:56:29 +08'00'

Alana Kidd
Manager, Resource Industries
an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

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. DER also monitors and audits compliance with works approvals and licence conditions, takes enforcement action as appropriate and develops and implements 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.

Licensees 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. Operating without a licence is an offence under the Act.

Ministerial conditions

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

Premises description and Licence summary

Big Bell Gold Operations Pty Ltd (Licensee) which is a wholly owned subsidiary of Westgold Resources Limited, owns and operates the Central Murchison Gold Project – Big Bell (Premises). The Premises consists of the Big Bell and Cuddingwarra project areas.

The Premises has been assessed as prescribed premises categories 6 (mine dewatering), 64 (class II putrescible landfill) and 85 (sewage facility). Mined ore at the Premises is transported to the nearby Bluebird Gold Mine for processing. The Bluebird Gold Mine is also owned by the Licensee and operates under Licence L4496/2015/1.

This Licence amendment is initiated by the Licensee seeking approval to dewater mined pits located at the Cuddingwarra Project area, with the discharge to other mined pits at this location and also to Lake Austin.

The licences and works approvals issued for the Premises are:

Instrument log		
Instrument	**Issued**	**Description**
W5357/2013/1	11/04/2013	New Works Approval
L8934/2015/1	3/03/2016	New Category 6 Licence
L8934/2015/1	19/12/2018	Licence Amendment Notice 1 (AN1) to increase the throughput for category 6 dewatering. Include dewatering of the Black Swan South pit with discharge to Lake Austin.
L8934/2015/1	13/03/2019	Licence Amendment Notice 2 (AN2) to include new categories 64 for a Class II putrescible landfill, and category 85 for a sewage facility.
L8934/2015/1	3/09/2020	Licence amendment for the dewatering of mined pits at the Cuddingwarra Project with discharge to other mined pits and Lake Austin and inclusion of used tyre disposal area. Licence also amended by amalgamating AN1 and AN2 and updating the Premises name to ‘Cue Gold Operations’.

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

The Licensee must ensure that the following conditions are complied with:

1 General

1.1 Interpretation

In this Licence:

(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 licence:
   (i) if dated, refers to that particular version; and
   (ii) if not dated, refers to the latest version and therefore may be subject to change over time;

(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.

'Act' means the *Environmental Protection Act 1986;*

'annual period' means the inclusive period from 1 October until the 30 September 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 5667.4' means the Australian Standard AS/NZS 5667.4 *Water Quality – Sampling – Guidance on sampling from lakes, natural and man-made;*

'AS/NZS 5667.6' means the Australian Standard AS/NZS 5667.6 *Water Quality – Sampling – Guidance on sampling of rivers and streams;*

'AS/NZS 5667.10' means the Australian Standard AS/NZS 5667.10 *Water Quality – Sampling – Guidance on sampling of waste waters;*

'averaging period' means the time over which a limit is measured or a monitoring result is obtained;

'CEO' means Chief Executive Officer of the Department of Water and Environmental Regulation;

'CEO' for the purpose of correspondence means;

Director General
Department Administering the *Environmental Protection Act 1986*
Locked Bag 10
JOONDALUP DC WA
info@dwer.wa.gov.au

'cfu/100mL' means colony forming units per 100 millilitres;

'Commission' means the process of operation and testing that verifies the works and all relevant systems, plant, machinery and equipment associated with the sewage facility and irrigation field have been installed and are performing in accordance with Table 1.3.3.

'freeboard' means the distance between the maximum water surface elevations and the top of retaining banks or structures at their lowest point;

'HDPE' means high density polyethylene;

'Inert Waste Type 1' has the meaning defined in Landfill Definitions;

'Inert Waste Type 2' has the meaning defined in Landfill Definitions;

'Landfill Definitions' means the Landfill Waste Classification and Waste Definitions 1996 (as amended 2018);

'Licence' means this Licence numbered L8934/2015/1 and issued under the Act*;*

'Licensee' means the person or organisation named as Licensee on page 1 of the Licence;

'mg/L' means milligrams per litre;

'm^3' means cubic metres;

'mm' means millimetres;

'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' means the area defined in the Premises Map in Schedule 1 and listed as the Premises address on page 1 of the Licence;

'Putrescible Waste' has the meaning defined in Landfill Definitions;

'quarantined storage area or container' means a hardstand storage area or sealed-bottom container that is separate and isolated from authorised waste disposal areas and is capable of containing all non-conforming waste and its constituents, these areas must be clearly marked and their access restricted to authorised personnel;

'quarterly' means the 4 inclusive periods from 1 October to 31 December and in the following year, 1 January to 31 March, 1 April to 30 June and 1 July to 30 September;

'Schedule 1' means Schedule 1 of this Licence unless otherwise stated;

'Schedule 2' means Schedule 2 of this Licence unless otherwise stated;

'Special Waste Type 2' as defined in the Landfill Definitions;

'spot sample' means a discrete sample representative at the time and place at which the sample is taken; and

'Waste type' identified in the Landfill Definitions, or in Schedule 1 of the Controlled Waste Regulations (as applicable).

1.2 Premises operation

1.2.1 The Licensee shall record and investigate the exceedance of any descriptive or numerical limit in this section.

1.2.2 The Licensee shall ensure that any dewatering effluent shall only be used for dust suppression in a manner that minimises damage to surrounding vegetation.

1.2.3 The Licensee shall ensure that dewatering effluent is discharged into dams with the relevant infrastructure requirements and at the location specified in Table 1.2.3 and identified in Schedule 1.

Table 1.2.3: Containment infrastructure

Containment point reference	Material	Infrastructure requirements
Shocker, 1600N, Jims Find, City of Chester, Coventry South, Golden Gate, Black Swan, Rheingold South, Black Swan South 5, Black Swan South 5 Junior, Black Swan South 1 and Black Swan South 4 pits	Dewatering effluent	Maintain water level at or greater than 5 metres below surface
Transfer dam	Dewatering effluent	• 0.75 mm HDPE liner to achieve a permeability of 2 x 10^{-10} metres per second; and • maintain an operational freeboard of 300 mm

1.2.4 The Licensee shall ensure that all pipelines containing dewatering effluent are either:
(a) equipped with telemetry systems and pressure sensors along pipelines to allow the detection of leaks and failures;
(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.

1.2.5 The Licensee shall:
(a) undertake inspections as detailed in Table 1.3.2;
(b) where any inspection identifies that an appropriate level of environmental protection is not being maintained, take corrective action to mitigate adverse environmental consequences as soon as practicable; and
(c) maintain a record of all inspections undertaken.

Table 1.3.2: Inspection of infrastructure

Scope of inspection	Type of inspection	Frequency of inspection
Mine dewatering pipelines	Visual integrity	Daily
Transfer dam	Visual to confirm required freeboard capacity is available	Daily
Shocker, 1600N, Jims Find, City of Chester, Coventry South, Golden Gate, Black Swan, Rheingold South, Black Swan South 5, Black Swan South 5 Junior, Black Swan South 1 and Black Swan South 4 pits	Visual to confirm a minimum freeboard of 5 metres is available	Daily during dewatering operations
Sewage facility, pipelines and Irrigation field	Visual integrity	Daily

1.2.6 The Licensee must install and undertake the works for the infrastructure and equipment:
(a) specified in Column 1; and
(b) to the requirements specified in Column 2;
of Table 1.3.3 below.

Table 1.3.3: Infrastructure and equipment requirements table	
Column 1	**Column 2**
Infrastructure	**Requirements (design and construction)**
Duplicate dewatering pipeline to Lake Austin	• built with butt welded polyvinylchloride; • is located within the existing dewatering pipeline corridor whereby the piping will be buried, except in areas of caprock, with catch pits and bunding installed along the length of the pipeline; • discharges to the same location as the existing dewatering pipeline discharge point on Lake Austin; and • includes energy diffusion devices to minimise scouring and erosion of the lake bed.

1.2.7 The Licensee shall only accept waste to Landfill 1, Landfill 2 and the used tyre landfill if:
(a) it is of a type listed in Table 1.3.4;
(b) the quantity accepted is below any quantity limit listed in Table 1.3.4; and
(c) it meets any specification listed in Table 1.3.4.

Table 1.3.4: Waste acceptance		
Category 64 landfill waste type	**Quantity limit**	**Specification[1]**
Inert Waste Type 1	600 tonnes per annum	Waste containing visible asbestos or ACM shall not be accepted
		Non-biodegradable organic materials
Putrescible Waste		None Specified
Contaminated Solid Waste		Must meet the acceptance criteria for Class II landfill
Inert Waste Type 2		Used tyres only

Note 1: Additional requirements for the acceptance of controlled waste (including asbestos and tyres) are set out in the *Environmental Protection (Controlled Waste) Regulations 2004*.

1.2.8 The Licensee shall ensure that wastes accepted onto Landfill 1, Landfill 2, used tyre landfill and the sewage facility are only subjected to the processes set out in Table 1.3.5 and in accordance with any process limits described in that Table.

Table 1.3.5: Waste processing		
Landfill and waste	**Process(es)**	**Process limits[1, 2]**
Putrescible Waste; Inert Waste Type 1; and Contaminated Solid Waste	Receipt, handling and disposal of waste by landfilling	• Disposal of waste by landfilling shall only take place within the landfill areas shown on the Landfill 1 and Landfill 2 location map in Schedule 1. • The tipping area shall be no greater than 30 metres in length. • Waste shall be disposed of in a defined trench. • The tipping area shall be no greater than 30 metres in length. • Surface water drainage shall be designed and maintained to divert surface water runoff away from areas where there is waste; and water that has come in contact with waste shall be retained on the landfill. • No waste shall be burnt at the landfill area. • A minimum separation distance of 3 m is maintained between the base of the trench and the highest level of the water table aquifer; and • A firebreak of at least 3 metres shall be maintained around the landfill.
Inert Waste Type 2 – Used tyres		• Tyres stored in a pile of up to 100 units prior to burial
Sewage	Wastewater treatment plant	• Biological and physical treatment

Note 1: Requirements for landfilling tyres are set out in Part 6 of the *Environmental Protection Regulations1987*.
Note 2: Additional requirements for the acceptance and landfilling of controlled waste (including asbestos and tyres) are set out in the *Environmental Protection (Controlled Waste) Regulations 2004*.

1.2.9 The Licensee shall ensure that cover is applied and maintained on all accessible waste in accordance with Table 1.3.6 and that sufficient stockpiles of cover are maintained on site at all times.

Table 1.3.6: Cover requirements [1]			
Waste Type	**Material**	**Depth**	**Timescales**
Inert Waste Type 1	Dense, inert and incombustible material or such other material as is approved in respect of a particular landfill site, and totally covered.	200 mm	Monthly or as soon as practicable after deposit.
Putrescible Waste		500mm	Monthly or as soon as practicable after deposit.
Inert Waste Type 2 – Used tyres			
Contaminated solid wastes		200mm	Fortnightly or as soon as practicable after deposit.

Note 1: Additional requirements for the covering of tyres are set out in Part 6 of the *Environmental Protection Regulations 1987.*

2 Emissions

2.1 General

2.1.1 The Licensee shall record and investigate the exceedance of any descriptive or numerical limit specified in any part of section 2 of this Licence.

2.2 Point source emissions to surface water

2.2.1 The Licensee shall ensure that where waste is emitted to surface water from the emission points in Table 2.2.1 and identified on the map of emission points in Schedule 1, it is done so in accordance with the conditions of this Licence.

Table 2.2.1: Emission points to surface water

Emission point reference	Description	Source including abatement
D1 - Lake Austin discharge point as shown in Schedule 1: Maps	Discharge of dewatering effluent into Lake Austin	Water from dewatering of mine pits and underground operations

2.2.2 The Licensee shall discharge mine dewatering effluents via the discharge point in a manner which minimises erosion and scouring impacts, and reduces the likelihood of surface ponding.

2.2.3 The Licensee shall not cause or allow point source emissions to surface water greater than the limits listed in Table 2.2.2.

Table 2.2.2: Point source emission limits to surface water

Emission point reference	Parameter	Limit (including units)	Averaging period
Lake Austin discharge	Dewatering effluent water	5,324,556 tonnes	Annual period

2.3 Point source emissions to groundwater

2.3.1 The Licensee shall ensure that where waste is emitted to groundwater from the emission points in Table 2.3.1 and identified on the map of emission points in Schedule 1, it is done so in accordance with the conditions of this Licence.

Table 2.3.1: Emission points to groundwater

Emission point reference	Description	Source including abatement
Shocker, 1600N, Jims Find, City of Chester, Coventry South, Golden Gate, Black Swan, Rheingold South, Black Swan South 5, Black Swan South 5 Junior, Black Swan South 1 and Black Swan South 4 pits	Discharge of dewatering effluent into mined pits and transfer dam	Water from dewatering of mine pits and underground operations

2.4 Emissions to land

2.4.1 The Licensee shall ensure that where waste is emitted to land from the emission point in Table 2.4.1 and identified on the map of emission points in Schedule 1 it is done so in accordance with the conditions of this licence.

Table 2.4.1: Emissions to land		
Emission point reference	**Description**	**Source including abatement**
Irrigation field	Discharge of treated wastewater by irrigation to land	Accommodation camp sewage facility

3 Monitoring

3.1 General monitoring

3.1.1 The Licensee shall ensure that:
(a) all water samples are collected and preserved in accordance with AS/NZS 5667.1;
(b) all surface water sampling is conducted in accordance with AS/NZS 5667.4 or AS/NZS 5667.6 as relevant;
(c) all wastewater sampling is conducted in accordance with AS/NZS 5667.10; and
(d) 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.

3.1.2 The Licensee shall ensure that:
(a) quarterly monitoring is undertaken at least 45 days apart;
(b) biannual monitoring is undertaken at least 90 days apart; and
(c) annual monitoring is undertaken at least 9 months apart.

3.1.3 The Licensee shall ensure that all monitoring equipment used on the Premises to comply with the conditions of this Licence is calibrated in accordance with the manufacturer's specifications and the requirements of the Licence.

3.1.4 The Licensee shall, where the requirements for calibration cannot be practicably met, or a discrepancy exists in the interpretation of the requirements, bring these issues to the attention of the CEO accompanied with a report comprising details of any modifications to the methods.

3.2 Monitoring of point source emissions to surface water

3.2.1 The Licensee shall undertake the monitoring in Table 3.2.1 according to the specifications in that table.

Table 3.2.1: Monitoring of point source emissions to surface water

Emission point reference	Parameter	Units	Reportable limit	Averaging Period	Frequency
D1 - Lake Austin dewatering discharge sampling point as shown in Schedule 1: Maps	Volumetric flow rate	m^3/day	-	Monthly	Continuous
	pH[1]	-	-	Spot sample	Quarterly (December, March, June and September)
	Total recoverable hydrocarbons		15mg/L		
	Total dissolved solids		-		
	Total Suspended Solids		100 mg/L		
	Total phosphorus		-		Biannually (March, September)
	Total nitrogen				
	Sulfate				
	Aluminum				
	Arsenic				
	Cadmium				
	Chromium				
	Cobalt				
	Copper				
	Lead				
	Manganese				
	Mercury				
	Nickel				
	Selenium				
	Zinc				

Note 1: In-field non-NATA accredited analysis permitted

3.3 Monitoring of point source emissions to groundwater

3.3.1 The Licensee shall undertake the monitoring in Table 3.3.1 according to the specifications in that table.

Table 3.3.1: Monitoring of point source emissions to groundwater

Monitoring point reference	Parameter	Units	Limit	Averaging period	Frequency
Shocker, 1600N, Jims Find, City of Chester, Coventry South, Golden Gate, Black Swan, Rheingold South, Rheingold Transfer Dam, Black Swan South 5, Black Swan South 5 Junior, Black Swan South 1 and Black Swan South 4 pits dewatering discharge sampling point	Volumetric flow rate	m^3/day	-	Monthly	Continuous
	pH[1]	-	-	Spot sample	Quarterly
	Total Recoverable Hydrocarbons	mg/L	15 mg/L		
	Total Dissolved Solids				
	Total Suspended Solids				
	Arsenic	mg/L	-	Spot sample	Annual
	Cadmium				
	Chromium				
	Cobalt				
	Copper				
	Lead				
	Nickel				
	Selenium				
	Zinc				

Note 1: In-field non-NATA accredited analysis permitted

3.4 Ambient environmental quality monitoring

3.4.1 The Licensee shall undertake monitoring of sediment as shown in Table 3.4.1 according to the specifications in that table.

Table 3.4.1: Ambient environmental quality monitoring

Sampling point reference	Parameter	Units	Averaging Period	Frequency
D1 - Lake Austin dewatering discharge sampling point as shown in Schedule 1: Maps	pH	-	Spot sample	Prior to the commencement of dewatering discharge to Lake Austin, then biannually (March, September)
	Total phosphorus	mg/kg		
	Total nitrogen			
	Sulfate			
	Aluminium			
	Arsenic			
	Cadmium			
	Chromium			
	Cobalt			
	Copper			
	Lead			
	Manganese			
	Nickel			
	Mercury			
	Selenium			
	Zinc			

3.4.2 The Licensee shall undertake an aquatic assessment at the locations shown in Table 3.4.2 according to the specifications in that table.

Table 3.4.2		
Sampling point reference	**Parameter**	**Frequency**
Lake Austin monitoring locations LA1, LA2, LA3, LA4, LA5, LA6, LA7 and LA8 as shown in Schedule 1	Assessment of the lake ecology. The assessment shall include a review of the water quality, sediment quality, phytoplankton, periphyton diatoms), macrophytes, aquatic invertebrates, fish, and the riparian vegetation	Within 6 months from the commencement of dewatering of the Black Swan South pit

3.5 Monitoring of emissions to land

3.5.1 The Licensee shall undertake the monitoring in Table 3.5.1 according to the specifications in that table.

Table 3.5.1: Monitoring of point source emissions to land			
Monitoring point reference	**Parameter**	**Units**	**Frequency**
Discharge to irrigation field	pH[1]	-	Quarterly
	E. coli	cfu/100mL	
	Biochemical Oxygen Demand	mg/L	
	Residual chlorine[2]		
	Total Phosphorus		
	Total Nitrogen		
	Total Suspended Solids		
	Volumes of wastewater discharged to the environment	m^3	Continuous

Note 1: In-field non-NATA accredited analysis permitted for pH measurement.
Note 2: In-field non-NATA accredited analysis permitted for residual chlorine measurement.

4 Information

4.1 Records

4.1.1 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 4.1.1(d) be retained for at least 6 years from the date the records were made or until the expiry of the Licence or any subsequent licence; and
- (d) for those following records, be retained until the expiry of the Licence and any subsequent licence:
  - (i) off-site environmental effects; or
  - (ii) matters which affect the condition of the land or waters.

4.1.2 The Licensee shall complete an Annual Audit Compliance Report indicating the extent to which the Licensee has complied with the conditions of the Licence, and any previous licence issued under Part V of the Act for the Premises for the previous annual period.

4.1.3 The Licensee 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.

4.2 Reporting

4.2.1 The Licensee shall submit to the CEO an Annual Environmental Report within 90 calendar days after the end of the annual period. The report shall contain the information listed in Table 4.2.1 in the format or form specified in that table.

Table 4.2.1: Annual Environmental Report

Condition or table (if relevant)	Parameter	Format or form[1]
-	Summary of any failure or malfunction of any pollution control equipment and any environmental incidents that have occurred during the annual period and any action taken	None specified
Table 3.2.1	Point source emissions to surface water monitoring results	None specified
Table 3.3.1	Point source emissions to groundwater monitoring results	None specified
Table 3.4.1	Monitoring of sediment results	None specified
Table 3.4.2	Aquatic assessment monitoring results	None specified
Table 3.5.1	Point source emissions to land monitoring results	None specified
4.1.2	Compliance	Annual Audit Compliance Report (AACR)
4.1.3	Complaints summary	None specified

Note 1: Forms are in Schedule 2

4.2.2 The Licensee shall ensure that the Annual Environmental Report also contains:
(a) any relevant process, production or operational data; and
(b) an assessment of the information contained within the report against previous monitoring results and Licence limits.

4.2.3 The Licensee shall submit the information in Table 4.2.2 to the CEO according to the specifications in that table.

Table 4.2.2: Non-annual reporting requirements

Condition or table (if relevant)	Parameter	Reporting period	Reporting date (after end of the reporting period)	Format or form[1]
-	Copies of original monitoring reports submitted to the Licensee by third parties	Not Applicable	Within 14 days of the CEOs request	As received by the Licensee from third parties

Note 1: Forms are in Schedule 2

4.3 Notification

4.3.1 The Licensee shall ensure that the parameters listed in Table 4.3.1 are notified to the CEO in accordance with the notification requirements of the table.

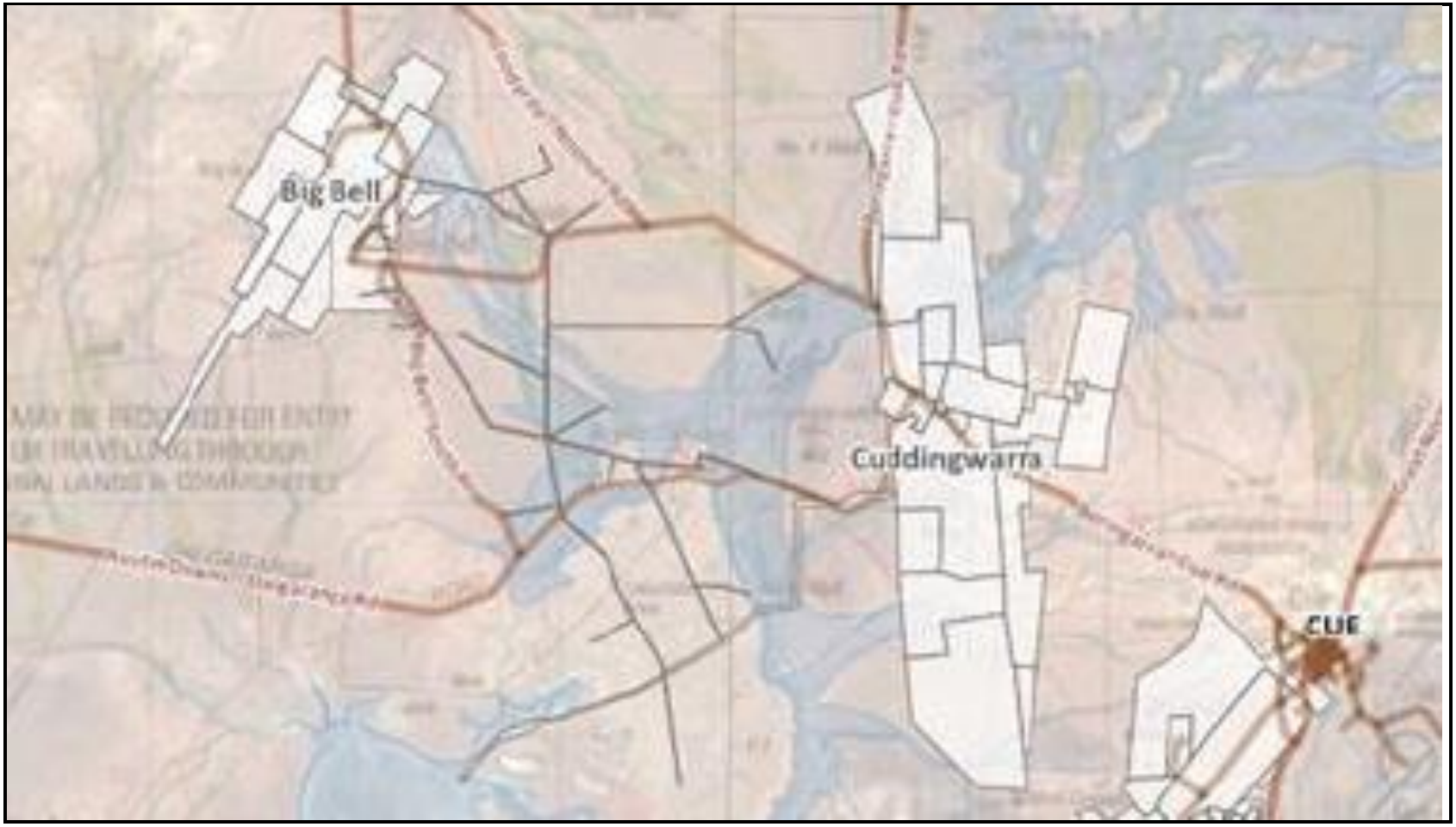
Table 4.3.1: Notification requirements

Condition or table (if relevant)	Parameter	Notification requirement[1]	Format or form[1]
2.2.2, 3.2.1 and 3.3.1	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
-	Commencement of underground operations at the Black Swan South pit	Three months prior to the commencement of underground operations.	-
3.4.2	Undertake a gap analysis and review with comparison of the results from the Outback Ecology aquatic assessment of Lake Austin conducted in 2011, and the results collected from the monitoring requirements of condition 3.5.1	Within 6 months from the commencement of dewatering of the Black Swan South pit	-

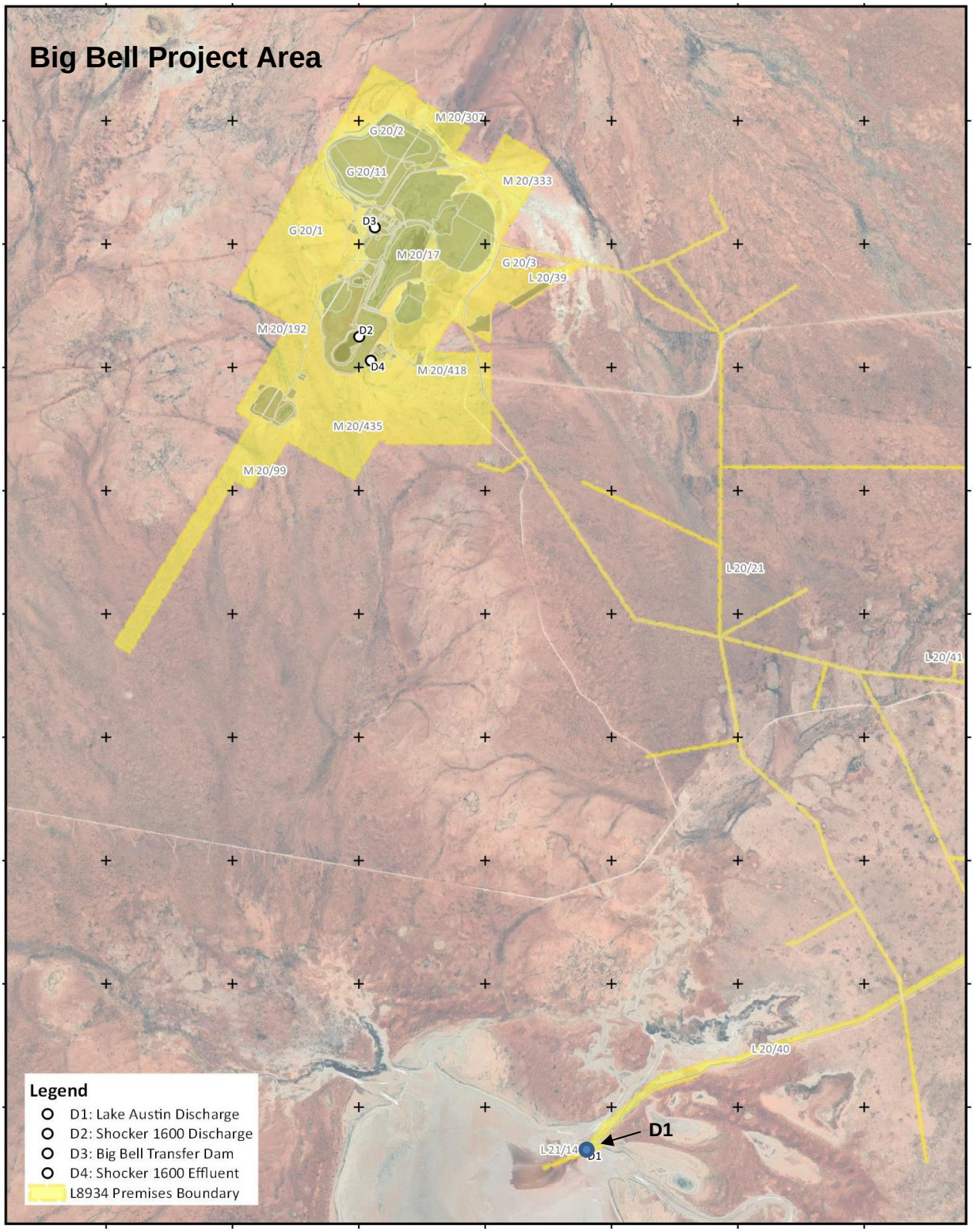
Note 1: Forms are in Schedule 2

Schedule 1: Maps

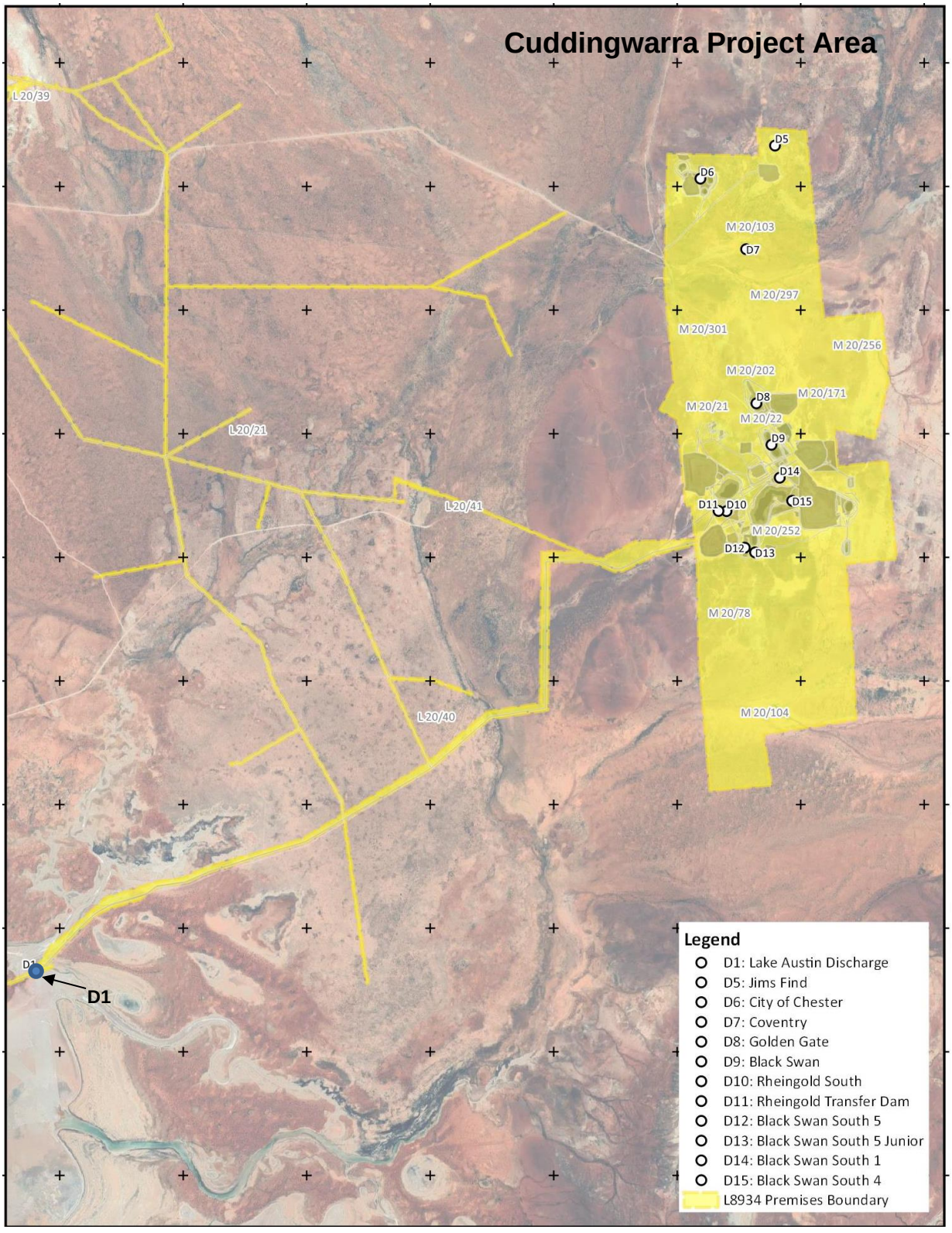
Premises location map



Big Bell Project Area and emission and monitoring point D1
The Premises is shown in the maps below as identified in yellow.



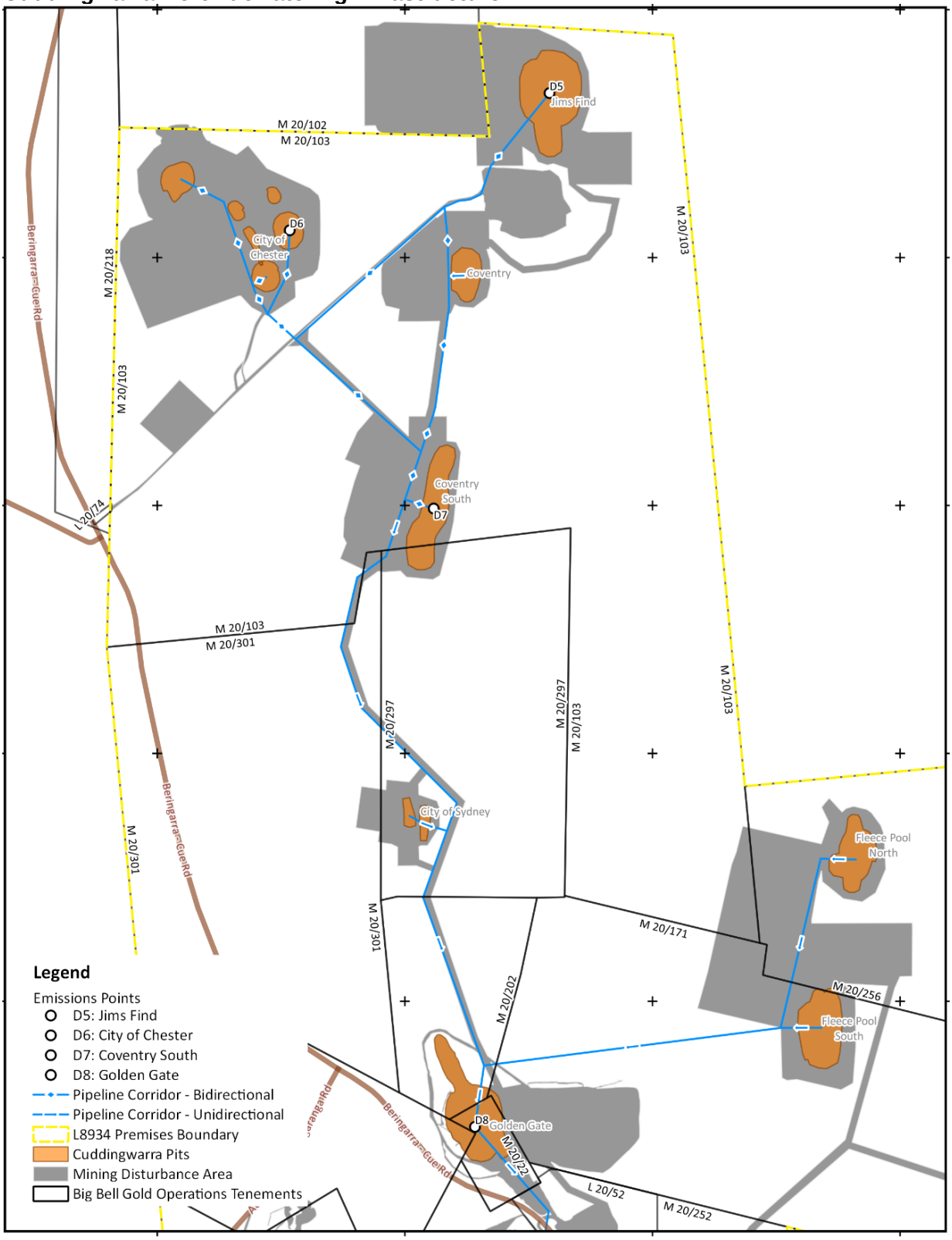
Cuddingwarra Project Area and emission and monitoring point D1
The Premises is shown in the maps below as identified in yellow.



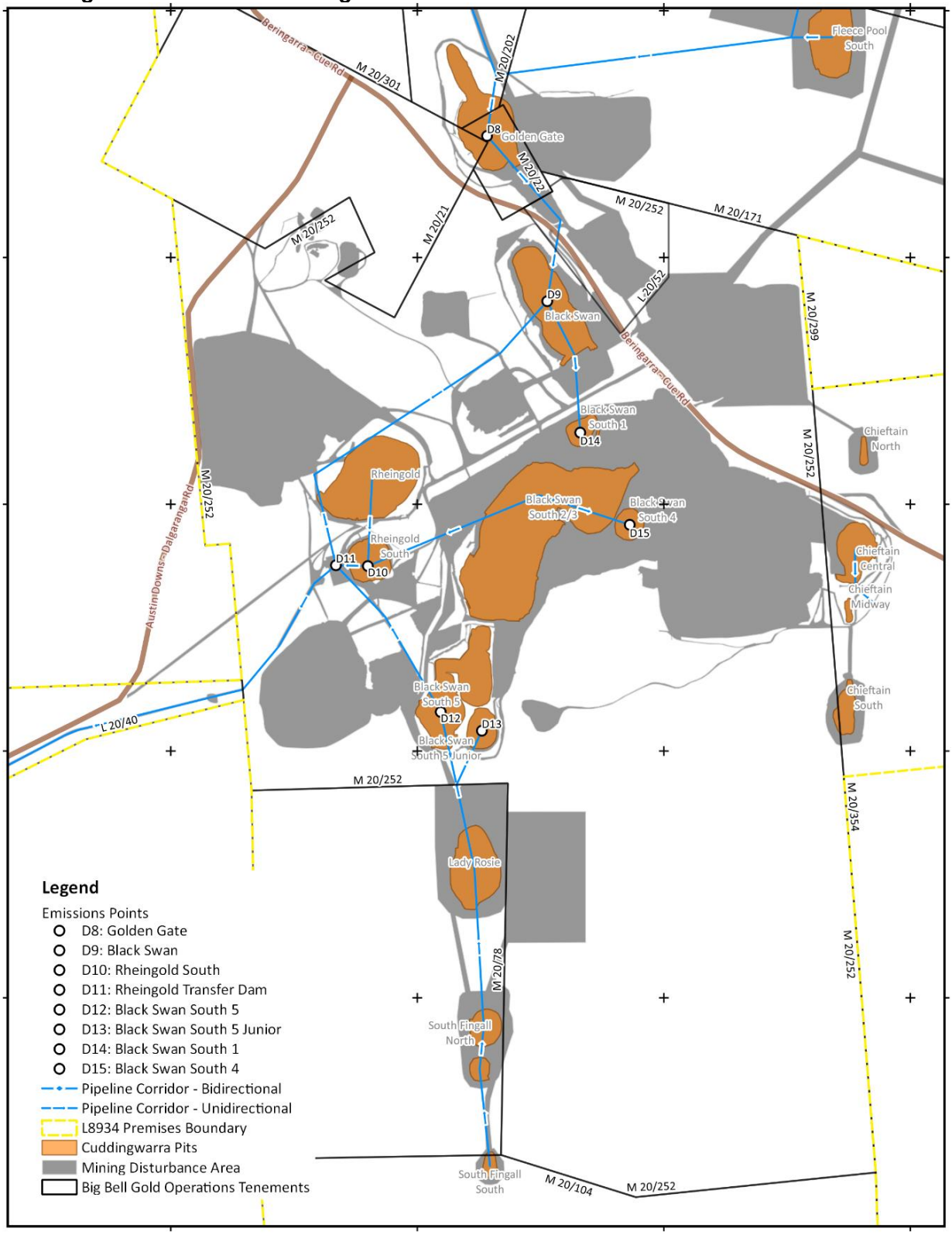
Map of containment infrastructure, emission and monitoring points

The location of the containment infrastructure defined in Table 1.2.3 and the emission points and monitoring locations defined in Tables 2.3.1 and 3.3.1 are shown in the maps below.

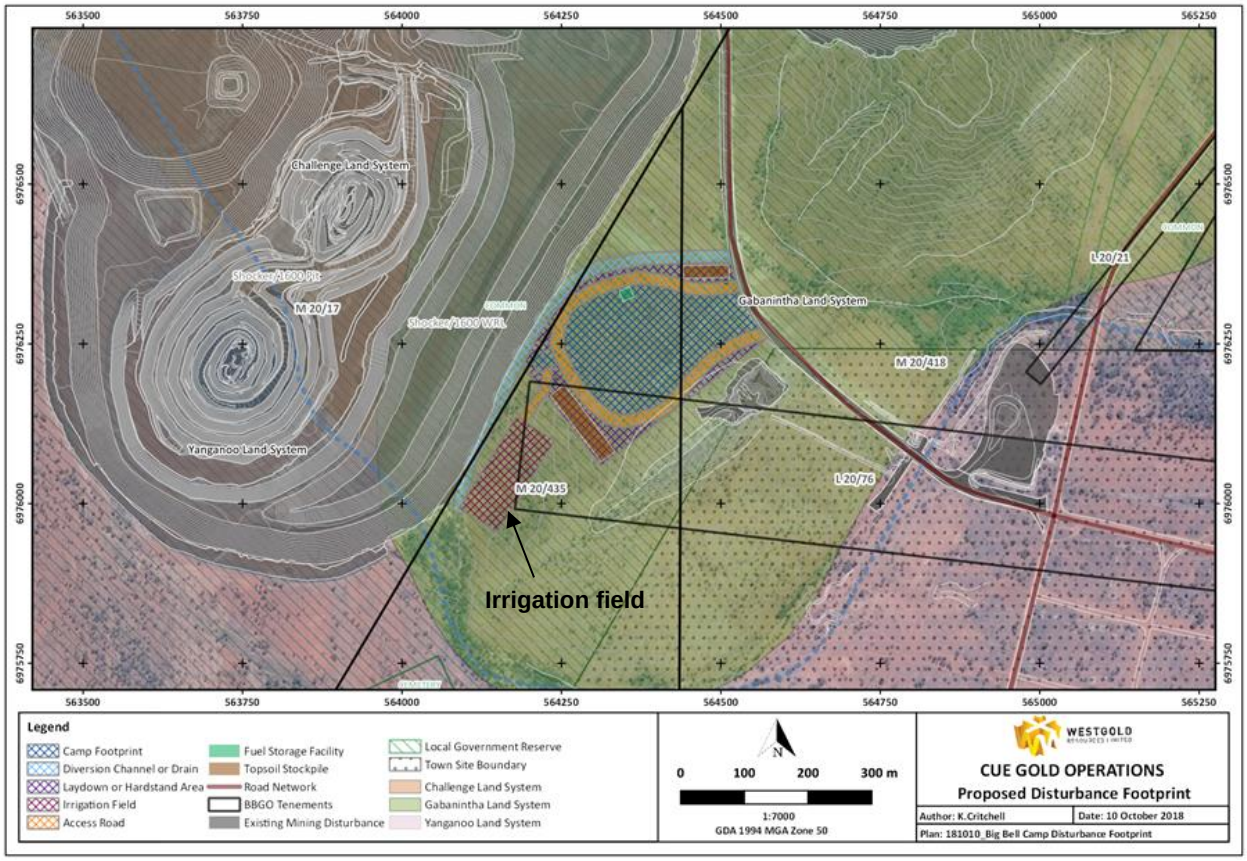
Cuddingwarra North dewatering infrastructure



Cuddingwarra South dewatering infrastructure



The location of the Irrigation field as defined in conditions 2.4.1 and 3.6.1 is shown below.



The locations of the Landfill 1 and Landfill 2, and the used tyre disposal area as defined in condition 1.2.7 is shown below.

Map of Lake Austin aquatic assessment monitoring points

The locations of the aquatic assessment monitoring points (LA1 to LA8) as defined in condition 3.5.1 is shown below.