



Licence number	L9259/2020/1
Licence holder	Bellevue Gold Limited
ACN	110 439 686
Registered business address	Ground Floor, 24 Outram St West Perth WA 6005
DWER file number	DER2020/000278
Duration	03/11/2020 to 02/03/2022
Date of amendment	17 November 2021
Premises details	Bellevue Gold Project Mining tenements M36/24 and M36/25 Goldfields Highway, Shire of Leonora

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production capacity
Category 6: Mine dewatering: premises on which water is extracted and discharged into the environment to allow mining of ore	500,000 tonnes per annual period

This amended licence is granted to the licence holder, subject to the attached conditions, on 17 November 2021, by:

**A/MANAGER, RESOURCE INDUSTRIES
REGULATORY SERVICES**

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

Licence history

Date	Reference number	Summary of changes
03/11/2020	L9259/2020/1	New licence to allow category 6 dewatering operations
17/11/2021	L9259/2020/1	DWER initiated amendment to allow short term extension of category 6 dewatering timeframes.

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.

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

Licence conditions

The licence holder must ensure that the following conditions are complied with:

Infrastructure and equipment

1. The licence holder must ensure that the site infrastructure and equipment listed in Table 1 and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirement set out in Table 1.

Table 1: Infrastructure and equipment requirements

Site infrastructure and equipment	Operational requirement	Infrastructure location
Pipelines from Bellevue shaft and south vent and Paris Pit decline to Henderson, Westralia and Vanguard Pits	<ul style="list-style-type: none"> All pipelines must be provided with secondary containment adequate to contain any spill for a period equal to the time between routine inspections. An inspection of all pipelines and secondary containment must be carried out at least once every 12 hours. 	As depicted in Schedule 1, Figure 1
Discharge points: Henderson, Westralia and Vanguard pits	A freeboard of 1.5m from the lowest point of each pit to be maintained at all times. Monitoring bores constructed as per condition 2.	

Construction of groundwater monitoring bores

2. The licence holder must design, construct, and install groundwater monitoring wells in accordance with the requirements specified in Table 2.

Table 2: Infrastructure requirements – groundwater monitoring wells

Infrastructure	Design, construction, and installation requirements	Monitoring well location(s)	Timeframe
Monitoring well network for monitoring of potential groundwater mounding around the Henderson, Westralia and Vanguard pits.	<u>Well design and construction:</u> Designed and constructed in accordance with <i>ASTM D5092/D5092M-16: Standard practice for design and installation of groundwater monitoring bores</i> .	As depicted in Schedule 1, Figure 2	Must be constructed, developed (purged), and determined to be operational prior to 1 January 2021.
	<u>Logging of borehole:</u> Soil samples must be collected and logged during the installation of the monitoring wells. A record of the geology encountered during drilling must be described and classified in accordance with the Australian Standard Geotechnical Site Investigations AS1726. Any observations of staining / odours or other indications of contamination must be included in the bore log.		
	<u>Well construction log:</u> Well construction details must be documented		

Infrastructure	Design, construction, and installation requirements	Monitoring well location(s)	Timeframe
	<p>within a well construction log to demonstrate compliance with <i>ASTM D5092/D5092M-16</i>. The construction logs shall include elevations of the top of casing position to be used as the reference point for water-level measurements, and the elevations of the ground surface protective installations.</p> <p><u>Well development:</u> All installed monitoring wells must be developed after drilling to remove fine sand, silt, clay and any drilling mud residues from around the well screen to ensure the hydraulic functioning of the well. A detailed record should be kept of well development activities and included in the well construction log.</p> <p><u>Installation survey:</u> the vertical (top of casing) and horizontal position of each monitoring well must be surveyed and subsequently mapped by a suitably qualified surveyor.</p> <p><u>Well network map:</u> a well location map (using aerial image overlay) must be prepared and include the location of all monitoring wells in the monitoring network and their respective identification numbers.</p>		

- The licence holder must, within 60 calendar days of the monitoring wells being constructed, submit to the CEO a well construction report evidencing compliance with the requirements of condition 2.

Emissions and discharges

Dewater discharges

- The licence holder must ensure that the emissions specified in Table 3, are discharged only from the corresponding discharge point and only at the corresponding discharge point location for the corresponding time period.

Table 3: Authorised discharge points and timeframe

Emission	Discharge point	Discharge point location	Discharge timeframe
Dewatering	Henderson Pit (Discharge Point 1)	As shown on Schedule 1, Figure 1	Dewatering discharge may only occur until 01/03/2022.
	Westralia Pit (Discharge Point 2)		
	Vanguard Pit		

5. The licence holder must ensure that emissions from the discharge point listed in Table 4 for the corresponding parameter do not exceed the corresponding limit when monitored in accordance with condition 6.

Table 4: Emission and discharge limits

Discharge points	Parameter	Limit
Henderson Pit	Volume of dewater	500,000kL per annum (total across all discharge points)
Westralia Pit		
Vanguard Pit		

Monitoring

Dewater discharge monitoring

6. The licence holder must monitor emissions:
- from each discharge point;
 - at the corresponding monitoring location;
 - for the corresponding parameter;
 - at the corresponding frequency;
 - for the corresponding averaging period; and
 - in the corresponding unit.

as set out in Table 5.

Table 5: Emissions and discharge monitoring

Discharge point	Monitoring location	Parameter	Frequency	Averaging period	Unit
Henderson Pit	Flow meter on Henderson Pit discharge pipe	Volume of water discharged	Continuous	Monthly	kL
Westralia Pit	Flow meter on Westralia Pit discharge pipe				
Vanguard Pit	Flow meter on Vanguard Pit discharge pipe				

7. The licence holder must record the results of all monitoring activity required by condition 6.

Groundwater monitoring

8. The licence holder must conduct a groundwater monitoring programme in accordance with the requirements specified in Condition 11 and record the results of all monitoring activity conducted under that programme.
9. The licence holder must adhere to the field quality assurance and quality control procedures specified in Condition 11 for the monitoring required by condition 8.

10. All sample analysis must be undertaken by laboratories with current accreditation from the National Association of Testing Authorities (NATA) for the relevant parameters, unless otherwise specified in Condition 11.
11. The licence holder must monitor groundwater for concentrations of the identified parameter(s) in accordance with Table 6.

Table 6: Groundwater monitoring of ambient concentrations

Monitoring well location	Parameter	Unit	Limit	Frequency	Averaging period	Method
As depicted in Schedule 1, Figure 2	SWL	mbgl	5 mbgl	Each monthly period	Spot sample	Spot sample, in accordance with AS/NZS 5667.11
	TDS	mg/L				

Records and reporting

12. The licence holder must record the following information in relation to complaints received by the licence holder (whether received directly from a complainant or forwarded to them by the Department or another party) about any alleged emissions from the premises:
 - (a) the name and contact details of the complainant, (if provided);
 - (b) 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 licence holder to investigate or respond to any complaint.
13. The licence holder must:
 - (a) undertake an audit of their compliance with the conditions of this licence during the preceding annual period; and
 - (b) prepare and submit to the CEO by no later than 1 February 2022 an Annual Audit Compliance Report in the approved form.
14. The licence holder must maintain accurate and auditable books including the following records, information, reports, and data required by this licence:
 - (a) the calculation of fees payable in respect of this licence;
 - (b) the works conducted in accordance with condition 2 of this licence;
 - (c) any maintenance of infrastructure that is performed in the course of complying with condition 1 of this licence;
 - (d) monitoring programmes undertaken in accordance with conditions 6 and 8 of this licence; and
 - (e) complaints received under condition 12 of this licence.
15. The books specified under condition 14 must:
 - (a) be legible;
 - (b) if amended, be amended in such a way that the original version(s) and any subsequent amendments remain legible and are capable of retrieval;

- (c) be retained by the licence holder for the duration of the licence; and
 - (d) be available to be produced to an inspector or the CEO as required.
- 16.** The licence holder must submit to the CEO by no later than 1 February 2022, an Annual Environmental Report for that annual period for the conditions listed in Table 7, and which provides information in accordance with the corresponding requirement set out in Table 7.

Table 7: Annual Environmental Report

Condition	Requirement
6, Table 5	Dewater discharge monitoring
11, Table 6	Groundwater monitoring

Definitions

In this licence, the terms in Table 8 have the meanings defined.

Table 8: Definitions

Term	Definition
ACN	Australian Company Number
Annual Audit Compliance Report (AACR)	means a report submitted in a format approved by the CEO (relevant guidelines and templates may be available on the Department's website).
annual period	a 12 month period commencing from 3 November until 2 November of the immediately following year.
books	has the same meaning given to that term under the EP Act.
CEO	means Chief Executive Officer of the Department. "submit to / notify the CEO" (or similar), means either: Director General Department administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 Joondalup DC WA 6919 or: info@dwer.wa.gov.au
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> (WA) and designated as responsible for the administration of the EP Act, which includes Part V Division 3.
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.
EP Act	<i>Environmental Protection Act 1986</i> (WA)
EP Regulations	<i>Environmental Protection Regulations 1987</i> (WA)
licence	refers to this document, which evidences the grant of a licence by the CEO under section 57 of the EP Act, subject to the specified conditions contained within.
licence holder	refers to the occupier of the premises, being the person specified on the front of the licence as the person to whom this licence has been granted.
monthly period	means a one-month period commencing from the second day of a month until the first day of the immediately following month.
premises	refers to 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

Term	Definition
	Schedule 1 to this licence.
prescribed premises	has the same meaning given to that term under the EP Act.
waste	has the same meaning given to that term under the EP Act.

END OF CONDITIONS

Schedule 1: Maps

Premises map

Figure 1: The boundary of the prescribed premises is shown in the map below.

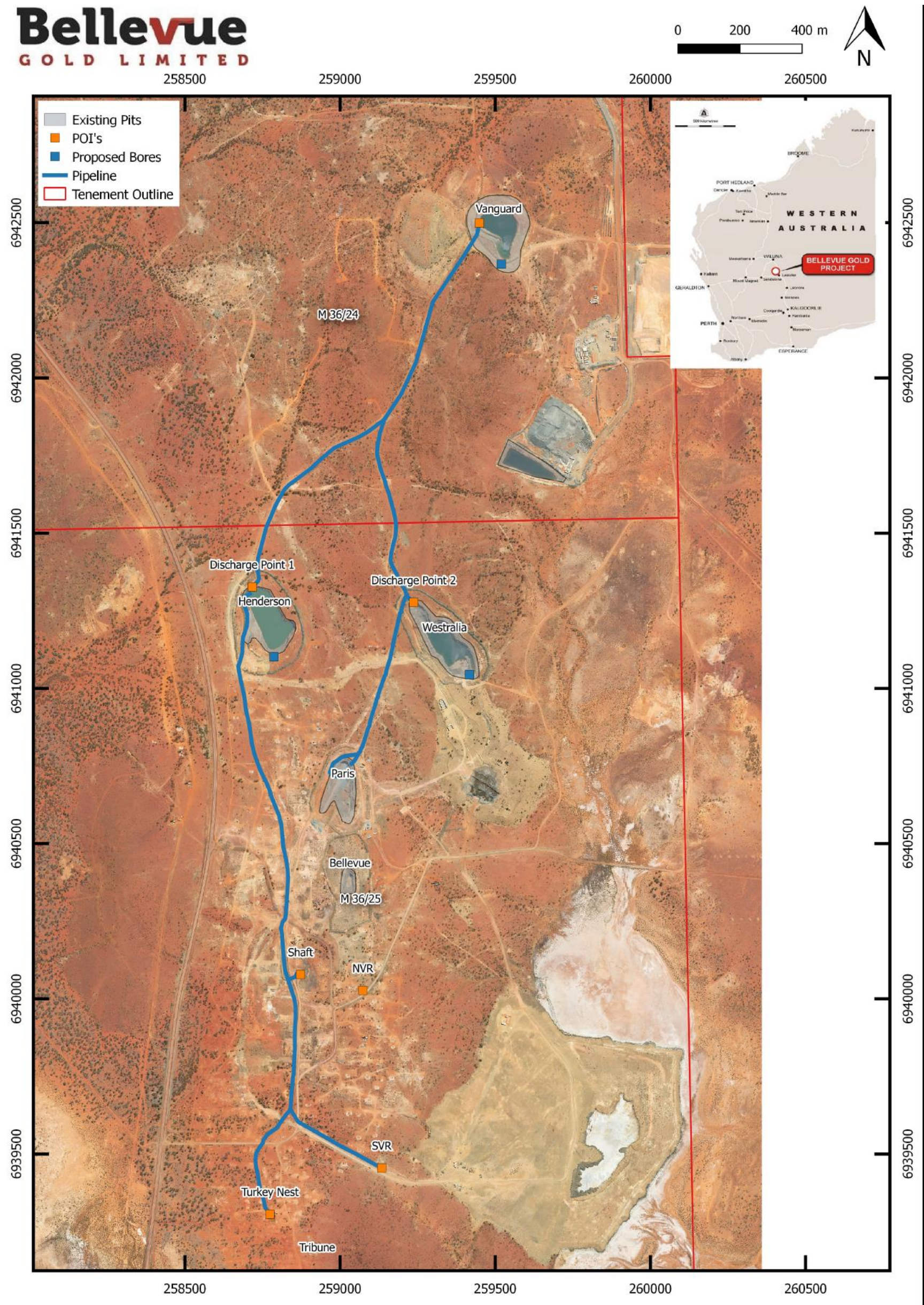


Figure 2: Groundwater monitoring bores.

