



Amendment Notice 2

Licence Number L8151/2005/2

Licence Holder Independence Jaguar Pty Ltd

ACN 060 620 721

File Number: 2012/006866

Premises Jaguar Operation

Mining Tenements M37/44, M37/515, M37/1132,
M37/1153, M37/1228, M37/1230, M37/1257,
M37/1290 and M37/1301
LEONORA WA 6438

Date of Amendment 25/08/2017

Amendment

The Chief Executive Officer (CEO) of the Department of Water and Environmental Regulation (DWER) has amended the above Licence in accordance with section 59 of the *Environmental Protection Act 1986* (EP Act) as set out in this Amendment Notice. This Amendment Notice constitutes written notice of the amendment in accordance with section 59B(9) of the EP Act.

Date signed: 25 August 2017

Tim Gentle

Manager Licensing, Industry Regulation (Resource Industries)

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

Definitions and interpretation

Definitions

In this Amendment Notice, the terms in Table 1 have the meanings defined.

Table 1: Definitions

| Term | Definition |
|----------------------------|--|
| ACN | Australian Company Number |
| Category/ Categories/ Cat. | categories of Prescribed Premises as set out in Schedule 1 of the EP Regulations |
| 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 33 Cloisters Square PERTH WA 6850 info-der@dwer.wa.gov.au |
| Decision Report | refers to this document |
| Delegated Officer | an officer under section 20 of the EP Act |
| 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 |
| DMIRS | Department of Mines, Industry Regulation and Safety |
| DMP | Department of Mines and Petroleum (As of 1 July 2017, the Department of Mines and Petroleum became part of the Department of Mines, Industry Regulation and Safety (DMIRS)) |
| DWER | Department of Water and Environmental Regulation |
| EP Act | <i>Environmental Protection Act 1986</i> (WA) |
| EP Regulations | <i>Environmental Protection Regulations 1987</i> (WA) |
| Existing Licence | The Licence issued under Part V, Division 3 of the EP Act and in force prior to the commencement of and during this Amendment |
| Licence Holder | Independence Jaguar Pty Ltd |
| Prescribed Premises | has the same meaning given to that term under the EP Act |
| Premises | refers to the premises to which this Decision Report applies, as |

| Term | Definition |
|------------|---|
| | specified at the front of this Decision Report |
| Risk Event | as described in <i>Guidance Statement: Risk Assessments</i> |
| TDS | Total Dissolved Solids |

Amendment Notice

This amendment is made pursuant to section 59 of the *Environmental Protection Act 1986* (EP Act) to amend the Licence and Amendment Notice 1 issued under the EP Act for a prescribed premises as set out below. This notice of amendment is given under section 59B(9) of the EP Act.

This Amendment Notice is limited only to an amendment for Category 6. No other changes to the aspects of the original Licence relating to Category 5 have been requested by the Licence Holder.

The following guidance statements have informed the decision made on this amendment:

- *Guidance Statement: Regulatory Principles (July 2015);*
- *Guidance Statement: Setting Conditions (October 2015);*
- *Guidance Statement: Licence duration (August 2016);*
- *Guidance Statement: Decision Making (February 2017);*
- *Guidance Statement: Risk Assessments (February 2017); and*
- *Guidance Statement: Environmental Siting (November 2016).*

Amendment description

On 10 July 2017 Independence Jaguar Pty Ltd (Licence Holder) submitted an application to DWER for an amendment to the Jaguar Operation licence L8151/2005/2. The Licence Holder is proposing to develop a satellite underground mine (Triumph Project) at the Jaguar Operation (Premises), mining the Zinc-Copper-Lead-Silver Gold Triumph deposit.

The application seeks authorisation to discharge mine dewater from the Triumph Project to the Teutonic Bore Pit. In order to facilitate this a new dewatering pipeline between the Triumph underground mine and the Teutonic Bore pit must be constructed (as shown in Figure 1). Dewatering effluent generated from the Premises (Bentley underground mine) is currently discharged to the Teutonic Bore pit.

During the early stages of the Triumph Project the dewatering volume is not expected to generate sufficient water to meet operational requirements. During this period, dewatering volumes will be supplemented by water from the Teutonic Bore open pit using existing pumps that supply water to the Premises. As the Triumph Project progresses, mine dewatering volumes are predicted to increase and any excess water will be discharged at the Teutonic Bore pit via a pipeline to be constructed for the Triumph Project.

No new surface ponds or sumps are required to store dewatering volumes. No additional discharge points and no change in the design capacity for Category 6 associated with the dewatering of the Triumph Project are required.

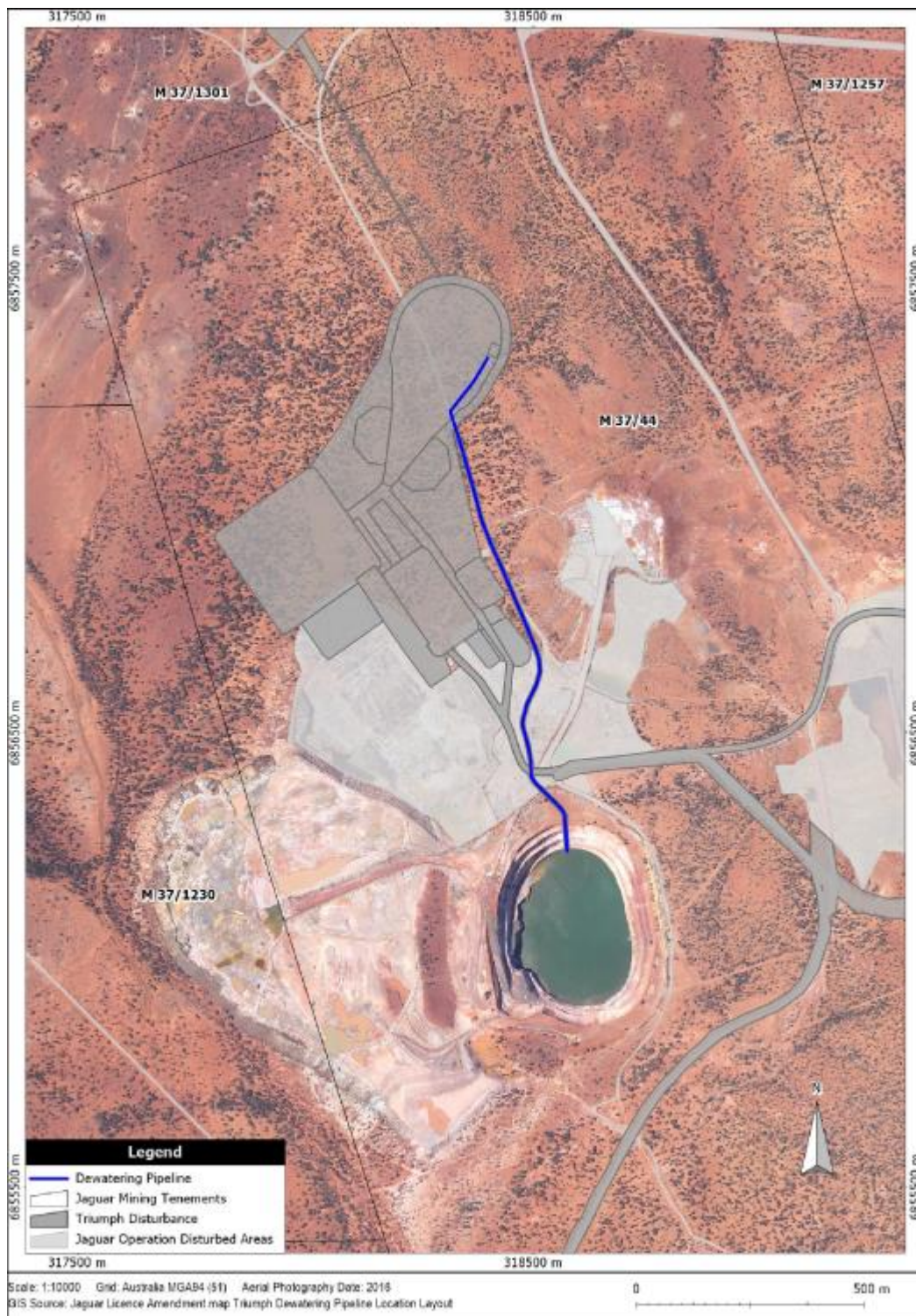


Figure 1: Triumph Project dewatering pipeline location layout

Other approvals

The Licence Holder has provided the following information relating to other approvals as outlined in Table 2.

Table 2: Relevant approvals

| Legislation | Number | Approval |
|------------------------|---------------|---|
| <i>Mining Act 1978</i> | Reg ID: 68090 | Mining Proposal submitted to the former Department of Mines and Petroleum (DMP) now Department of Mines, Industry Regulation and Safety (DMIRS) on 12 June 2017. This application is still being assessed. |

Amendment history

Table 3 provides the amendment history for L8151/2005/2.

Table 3: Licence amendments

| Instrument | Issued | Amendment |
|--------------|------------|---|
| L8151/2005/2 | 23/08/2013 | Licence amendment to include TSF2 |
| L8151/2005/2 | 19/12/2013 | Licence amendment to increase premises production and emissions to land to emission points L1 and L2 |
| L8151/2005/2 | 1/05/2014 | Licence amendment for an extension of the date of completion for compliance with condition 4.1.1 until 30 June 2014 |
| L8151/2005/2 | 1/05/2014 | Licence amendment to remove emissions to land limits |
| L8151/2005/2 | 2/07/2015 | Licence amendment to change name and increase throughput |
| L8151/2005/2 | 8/03/2017 | Amendment Notice 1 Licence amendment to allow for stage 2 for the TSF2 raise |
| L8151/2005/2 | 25/08/2017 | Amendment Notice 2 Licence amendment for an additional water source, as well as the construction and operation of a new dewatering pipeline between the Triumph underground mine and the Teutonic Bore pit |

Risk assessment

Tables 4 and 5 below describe the Risk Events associated with the amendment consistent with the *Guidance Statement: Risk Assessments*. Both tables identify whether the emissions present a material risk to public health or the environment, requiring regulatory controls.

Table 4: Risk assessment for proposed amendments during construction

| Risk Event | | | | | | Consequence rating | Likelihood rating | Risk | Reasoning |
|---|---|--|--|--|---|--------------------|-------------------|------|------------------------|
| Source/Activities | | Potential emissions | Potential receptors | Potential pathway | Potential adverse impacts | | | | |
| Construction, mobilisation and positioning of infrastructure | Construction of new dewatering pipeline from the Triumph pit to the Teutonic Bore pit | Dust associated with construction activities of the dewatering pipeline | The closest sensitive receptor is the pastoral homestead located about 30 km south of the Premises | Air / wind dispersion Particulate matter (fugitive dust) | Dust can cause health and amenity impacts to humans | N/A | N/A | N/A | No sensitive receptors |
| | | Noise associated with construction activities of the dewatering pipeline | | Air / wind dispersion Noise generated by the operation of equipment during construction | Amenity impacts | N/A | N/A | N/A | No sensitive receptors |

Table 5: Risk assessment for proposed amendments during operation

| Risk Event | | | | | | Consequence rating | Likelihood rating | Risk | Reasoning |
|--|---|---|--|----------------------------------|---|--------------------|-------------------|------|--|
| Source/Activities | | Potential emissions | Potential receptors | Potential pathway | Potential adverse impacts | | | | |
| Mine dewatering discharge | Discharge to Teutonic Bore pit from Triumph Project | Mine dewater | Third party users of local groundwater | Direct discharges to groundwater | Degradation of the receiving aquifers groundwater quality impacting on beneficial uses of the aquifer | N/A | N/A | N/A | The risk of impacting third party user is considered negligible due to the good water quality of the dewater. The proposed dewater discharge is less saline than the receiving groundwater quality in Teutonic Pit. The pH of the discharge is slightly above the receiving waters but still within the circum-neutral range. There are no elevated concentrations of metals/metalloids in the dewater discharge. Refer to the detailed risk assessment below – discharge of excess mine dewater |
| Transfer of excess mine dewater via pipelines | Dewatering pipelines | Excess mine dewater discharged through pipeline leaks or ruptures | Vegetation adjacent to pipelines | Direct discharges to land | Waterlogged soils, impacts to vegetation health depending on the quality of water and volume discharged | Slight | Unlikely | Low | Given the following: <ul style="list-style-type: none"> No specified ecosystems identified as per <i>Guidance Statement: Environmental Siting</i> within the Premises; No Threatened Ecological Communities or Declared Rare Flora within the Premises; |

| Risk Event | | | | | | Consequence rating | Likelihood rating | Risk | Reasoning |
|-------------------|--|---------------------|---------------------|-------------------|---------------------------|--------------------|-------------------|------|--|
| Source/Activities | | Potential emissions | Potential receptors | Potential pathway | Potential adverse impacts | | | | |
| | | | | | | | | | <p>and</p> <ul style="list-style-type: none"> The quality of groundwater (Table 6) proposed to be discharged is low salinity, with a TDS concentration of 390 – 510 mg/L and pH values mildly alkaline, ranging from 7.2 to 8 (IGO, 2017b). <p>It is expected that there would be slight if any, consequence of a release to land.</p> <p>Existing Licence conditions (requirement to inspect the dewatering pipeline twice daily and regular maintenance) are adequate controls to manage the risk of a pipeline rupture.</p> <p>Given that the pipeline is located mostly through disturbed ground, with a small section of the line adjacent to vegetation, the likelihood of an impact to vegetation as a result of a pipeline rupture/leak will probably not occur in most circumstances. Therefore, the likelihood of the consequence occurring is</p> |

| Risk Event | | | | | | Consequence rating | Likelihood rating | Risk | Reasoning |
|-------------------|--|---------------------|---------------------|-------------------|---------------------------|--------------------|-------------------|------|---|
| Source/Activities | | Potential emissions | Potential receptors | Potential pathway | Potential adverse impacts | | | | |
| | | | | | | | | | unlikely. The overall rating for the rupture/leaks of pipelines from the Triumph Project dewatering is low . |

Risk assessment – Discharge of excess mine dewater

The application (IGO, 2017b) states that the Teutonic Bore pit currently receives excess dewatering water from the Bentley underground mine and incident rainfall. Water in the Teutonic Bore pit is slightly brackish with a Total Dissolved Solids (TDS) of 4,900 mg/L – 5,700 mg/L and pH values ranging from 7.2 to 7.4. Groundwater quality for the Triumph Aquifer and the receiving Teutonic Bore pit are shown in Table 6. Comparison of the data in Table 6 shows the Triumph Aquifer contains lower concentrations of metals, metalloids and TDS than water presently in the Teutonic Bore pit.

Table 6: Groundwater quality of the Triumph Aquifer and receiving aquifer (Teutonic Bore pit)

| Parameter | Triumph Aquifer 11 June 2017 | Teutonic Bore pit 3 March 2017 |
|--|---------------------------------|-----------------------------------|
| Alkalinity (Total) as CaCO ₃ (mg/L) | 170 mg/L | - |
| Antimony-Total (mg/L) | <0.001 mg/L | - |
| Arsenic-Dissolved | - | <0.001 mg/L |
| Beryllium-Total | <0.0005 mg/L | - |
| Boron-Total | 1.1 mg/L | - |
| Cadmium-Dissolved | - | 0.35 mg/L |
| Cadmium-Total | <0.0001 mg/L | - |
| Calcium | 27 mg/L | - |
| Chloride in water | 130 mg/L | 2,100 mg/L |
| Copper-Dissolved | - | 0.1 mg/L |
| Copper-Total | <0.001 mg/L | - |
| Hydroxide OH ⁻ as CaCO ₃ | <5 mg/L | - |
| Iron-Total | <0.01 mg/L | - |
| Lead-Dissolved | - | <0.001 mg/L |
| Lead-Total | <0.001 mg/L | - |
| Magnesium | 22 mg/L | - |
| Manganese-Total | <0.005 mg/L | - |
| Molybdenum-Total | <0.001 mg/L | - |
| Nickel-Total | <0.001 mg/L | - |
| pH | 7.9 pH units | 7.4 pH units |
| Potassium | 5.5 mg/L | - |

| Parameter | Triumph Aquifer 11 June 2017 | Teutonic Bore pit 3 March 2017 |
|------------------------|---------------------------------|-----------------------------------|
| Selenium-Dissolved | - | 0.012 mg/L |
| Selenium-Total | 0.001 mg/L | - |
| Silver-Dissolved | - | <0.001 mg/L |
| Silver-Total | <0.001 mg/L | - |
| Sodium | 100 mg/L | - |
| Sulphate in water | 47 mg/L | 1,200 mg/L |
| Total Dissolved Solids | 500 mg/L | 5,700 mg/L |
| Zinc-Dissolved | - | 12 mg/L |

Given the following:

- The closest sensitive receptor is the pastoral homestead located about 30 km south of the Premises;
- There are no specified ecosystems identified as per *Guidance Statement: Environment Siting* within the Premises;
- There are no Threatened Ecological Communities or Declared Rare Flora species within the Premises;
- The water quality of the mine dewater;
- The Triumph mine dewater will be preferentially used for mining purposes; and
- That no “*potable groundwater resources or groundwater dependent ecosystems have been identified in the vicinity of Teutonic Bore pit*” (IGO, 2017b).

It has been determined that the discharge of excess mine dewater from the Triumph Project to the Teutonic Bore pit will have minimal on-site impacts. Therefore, the consequence is considered to be **slight**.

The likelihood of an environmental impact from the discharge of excess mine dewater from the Triumph Project to the Teutonic Bore pit will probably not occur in most circumstance. Therefore, the Delegated Officer considers the likelihood of the consequence occurring to be **unlikely**.

The overall rating for the discharge of excess mine dewater for the Triumph Project through the existing Teutonic Bore pit is **low**.

Decision

Construction

The key emissions associated with the construction of the dewatering pipeline from the Triumph Project to the Teutonic Bore pit are fugitive dust and noise emissions. The Delegated Officer considers there is no credible risk associated with these emissions due to the distance away from the nearest sensitive receptor.

The Licence Holder’s controls for the construction of the dewatering pipeline have been conditioned on the Licence through condition 1.3.9 and were derived from the Licence Holder’s obligations within the application (IGO 2017).

Previous condition 1.2.10 from Amendment Notice 1 has been deleted via this Amendment Notice and is now covered under condition 1.3.9 and 5.3.1.

Previous conditions 1.2.11 and 1.2.12 from Amendment Notice 1 have been deleted via this Amendment Notice and this compliance requirement is now covered under condition 5.3.1.

Previous condition 1.2.13 from Amendment Notice 1 (now 1.3.10) has been updated via this Amendment Notice to include the Triumph Project dewatering pipeline.

Operation

The key emissions associated with the operation of the dewatering pipeline from the Triumph Project to the Teutonic Bore pit are potential discharges to land from spills and discharge to groundwater. The Delegated Officer considers the risk associated with these emissions to be low due to the limited area of vegetation exposed to the risk of a spill from a pipeline failure and the good water quality of the dewater.

Existing Licence condition 2.4.1 has been updated via this Amendment Notice to include reference to the Triumph underground mine.

Other amendments

During this amendment the following changes have also been made to the Licence:

- All references to DER changed to DWER.
- Premises boundary has been expanded to include M37/1301 for the Triumph Project. The Premises map has been amended via this Amendment Notice.
- The licence duration has been extended from 2 April 2018 to 2 April 2025 in line with *Guidance Statement: Licence duration* and the Notice of Amendment of Licence Expiry Dates, dated 29 April 2016.
- Addition of definitions for 'Anniversary Date', 'Annual Audit Compliance Report', and 'Department' and updates to the definitions of 'Annual Period', 'CEO' and 'CEO for the purposes of notification'.
- Updates to the Annual Audit Compliance Report submission and reporting requirements specified under conditions 5.1.3 and 5.2.1.
- The Licence Holder has requested that the Annual Period be changed from '1 April to 31 March' to '1 July to 30 June' to align with the financial year, with the Annual Environmental Report due 31 October. The definition for Annual Period and condition 5.2.1 has been updated to reflect this.
- Removal of the Annual Audit Compliance Report Template from Schedule 2.
- Update of the N1 Form in Schedule 2.

Licence Holder's comments

The Licence Holder was provided with the draft Amendment Notice on 23 August 2017 for review and comment. The Licence Holder responded on the 23 August 2017 waiving the remaining comment period and requesting that the Licence Holder's name be updated to Independence Jaguar Pty Ltd within Table 1, which DWER has done. No other changes have been made.

Amendment

1. The Prescribed Premises of the Licence is amended by the insertion of the bold text shown in underline below:

Mining Tenements M37/44, M37/515, M37/1132, M37/1153, M37/1228, M37/1230, M37/1257, M37/1290 and **M37/1301**

2. The Licence duration has been extended from 2 April 2018 to 2 April 2025.
3. Definitions of the Licence are amended by the deletion of the text shown in strikethrough below and the insertion of the bold text shown in underline below:

'Anniversary Date' means 30 June each year;

'Annual Audit Compliance Report' means a report in a format approved by the CEO as presented by the Licensee or as specified by the CEO from time to time and published on the Department's website;

'Annual Pperiod' means a 12 month ~~the inclusive period~~ **commencing** from ~~1 April~~ **1 July** until **30 June** ~~31 March~~ in the following year;

'CEO' means Chief Executive Officer of the Department of Environment Regulation;

'CEO' for the purposes of notification correspondence means;

~~Manager Licensing Resources (South)~~ **Director General**

~~Department of Environment Regulation~~ **Administering the Environmental Protection Act 1986**

~~Locked Bag 33 Cloisters Square~~

~~PERTH WA 6850~~

~~Telephone: (08) 6467 5000~~

~~Facsimile: (08) 6467 5562~~

~~Email:~~ industry.regulation@der.wa.gov.au **info-der@dwer.wa.gov.au;**

'Department' means the department established under s. 35 of the Public Sector Management Act 1994 and designated as responsible for the administration of Division 3 Part V of the Environmental Protection Act 1986;

4. Condition 1.3.9 (previously Condition 1.2.9 from Amendment Notice 1) of the Licence is amended by the deletion of the text shown in strikethrough below and the insertion of the bold text shown in underline below:

~~Condition 1.2.9~~ **1.3.9**

The Licensee shall construct ~~In relation to the construction of the Stages 2 and 3 TSF raises,~~ **in accordance with the requirements specified in the infrastructure requirements detailed in Table 1.3.9.** ~~The Licensee must construct the infrastructure in Column 1 of Table 1.2.6 at the location specified in Column 2 in accordance with the requirements set out in Column 3.~~ **not depart from the requirements specified in Table 1.3.9 except:**

- (a) **where such departures are minor in nature and do not materially change or affect the infrastructure; or**
- (b) **where such departure improves the functionality of the infrastructure and does not increase the risks to public health, public amenity or the environment;**

- (c) and all other conditions in this Licence are still satisfied.

~~Table 1.2.6: Infrastructure requirements~~

| Table 1.2.6 1.3.9: Infrastructure requirements | |
|---|---|
| <i>Column 1</i> | <i>Column 2</i> |
| Infrastructure | Requirements (design and construction) |
| Tailings storage facility 2 raise (stage 2) | The embankment crest level of stage 2 will be RL 472.5 m |
| | The raise will utilise compacted dried tailings borrowed from within the facility |
| | The downstream batter of the tailings embankment will be capped with a minimum of 0.5 m thick clayey mine waste in order to reduce ingress of oxygen and water into the embankment |
| <u>Triumph Project dewatering pipeline</u> | <ul style="list-style-type: none"> • <u>Pipeline corridor approximately 1,120 m length between the Triumph Boxcut and Teutonic Bore pit containing up to 2 pipelines</u> • <u>Pipeline built in a bunded corridor along existing disturbed areas parallel to the main access track with any spillage reporting directly to the Teutonic Bore pit</u> • <u>Pipeline constructed of high density polyethylene up to a maximum of 300 mm diameter</u> • <u>Design capacity of pipelines will be 100 litres per second (L/s) to accommodate a maximum surge of 100 L/s with an expected nominal dewatering rate of 29 L/s</u> |

5. The Licence is amended by the deletion of the following Condition 1.2.10 from Amendment Notice 1:

~~Condition 1.2.10~~——

~~The Licensee must not depart from the requirements specified in Table 1.2.6 except:~~

- (a) ~~Where such departures are minor in nature and do not materially change or affect the infrastructure; and~~
- (b) ~~Where such departure improves the functionality of the infrastructure and does not increase the risks to public health, public amenity or the environment.~~

~~If condition 1.2.10(b) applies, then the Licensee must provide the GEO with a list of departures which are certified as complying with condition 1.2.9.~~

6. The Licence is amended by the deletion of the following Condition 1.2.11 from Amendment Notice 1:

~~Condition 1.2.11~~

~~The Licensee shall submit a construction compliance document to the GEO, following construction of both stages of TSF2 lift and prior to operation.~~

7. The Licence is amended by the deletion of the following Condition 1.2.12 from Amendment Notice 1:

Condition 1.2.12

The Licensee must ensure the construction compliance document:

- (a) ~~Is certified by a suitably qualified professional engineer stating that each item of infrastructure specified in Table 1.2.6 has been constructed in accordance with the conditions of the Licence with no material defects; and~~*
(b) ~~Be signed by a person authorized to represent the Licensee and contain the printed name and position of that person within the company.~~

8. Condition 1.3.10 (previously Condition 1.2.13 from Amendment Notice 1) of the Licence is amended by the deletion of the text shown in strikethrough below and the insertion of the bold text shown in underline below:

*Condition ~~1.2.13~~ **1.3.10***

*The Licensee shall operate TSF2 and the Triumph Project dewatering pipeline in accordance with the conditions of this Licence, following submission of the construction compliance document required under condition ~~1.2.14~~ **5.3.1**.*

9. Condition 2.4.1 of the Licence is amended by the insertion of the bold text shown in underline below:

Condition 2.4.1

The Licensee shall ensure that where dewatering effluent is emitted to groundwater 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 2.4.1: Emission points to groundwater

| Emission point reference | Emission point reference on map of emission points | Description | Source including abatement |
|---------------------------------|---|---|--|
| GR1 | Teutonic bore pit | Infiltration of mine dewater into aquifer | Water from dewatering of Jaguar, and Bentley <u>and Triumph</u> underground mines |

10. Condition 5.1.3 of the Licence is amended by the deletion of the text shown in strikethrough below and the insertion of the bold text shown in underline below:

Condition 5.1.3

The Licensee must submit ~~shall complete its~~ to the CEO within 120 days after the Anniversary Date, an Annual Audit Compliance Report indicating the extent to which the Licensee has complied with the conditions in ~~of the~~ this ~~L~~licence, ~~and any previous licence issued under Part V of the Act for the premises for the previous~~ Annual Pperiod.

11. Condition 5.2.1 of the Licence is amended by the deletion of the text shown in strikethrough below and the insertion of the bold text shown in underline below:

Condition 5.2.1

The Licensee shall submit to the CEO ~~at the contact address its~~ an Annual Environmental Report within ~~90~~ 120 calendar days after the end of the Annual Pperiod. The report shall contain the information listed in Table 5.2.1 in the format or form specified in that table.

| Table 5.2.1: Annual Environmental Report | | |
|---|---|--|
| Condition or table (if relevant) | Parameter | Format or form² |
| - | 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 |
| 5.1.3 | Compliance | Annual Audit Compliance Report (AACR) <u>None specified</u> |
| 5.1.4 | Complaints summary | None specified |
| Table 3.5.1 | Standing water levels and volumetric flow rate of mine dewater in Teutonic Bore pit | Tabular |
| Table 3.7.1 | Mass of tailings deposited into TSF1 and TSF2, recovered water and recovered seepage water | Tabular |
| Table 3.8.1 | Monitoring of ambient groundwater levels and quality | Tabular and graphical with all available historic data |

Note 1: No notification requirement in the Licence shall negate the requirement to comply with s72 of the Act.

Note 2: Forms are in Schedule 2

12. Condition 5.3.1 of the Licence is amended by the deletion of the text shown in strikethrough below and the insertion of the bold text shown in underline below:

Condition 5.3.1

The Licensee shall ensure that the parameters listed in Table 5.3.1 are notified to the CEO ~~at the contact address and~~ in accordance with the notification requirements of the table.

| Table 5.3.1: Notification requirements | | | |
|---|---|---|-----------------------------------|
| Condition or table | Parameter | Notification requirement¹ | Format or form² |
| 2.1.1, 3.4.1 and 3.8.1 | 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. | N1 |
| | Any failure or malfunction of any pollution control equipment or any incident which has caused, is causing or may cause pollution | Part B: As soon as practicable | |
| <u>1.3.10</u> | <u>The Licensee shall submit a construction compliance document to the CEO, following construction of both stages of the TSF2 lifts and the Triumph Project dewatering pipeline. The compliance document shall:</u> <u>(a) Clearly detail how both stages of the TSF2 lifts and the Triumph Project dewatering pipeline has been constructed to meet the infrastructure requirements of Condition 1.3.9 and identify any departures;</u> <u>(b) Be certified by a qualified professional engineer stating that each item of infrastructure specified in Table 1.3.9 has been constructed in accordance with the conditions of the Licence with no material</u> | <u>Within 7 days after the completion of construction</u> | <u>None specified</u> |

| | | | |
|--|--|--|--|
| | <p><u>defects; and</u></p> <p>(c) <u>Be signed by a person</u> <u>authorised to represent the</u> <u>Licensee and contain the</u> <u>printed name and position of</u> <u>that person within the</u> <u>company.</u></p> | | |
|--|--|--|--|

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

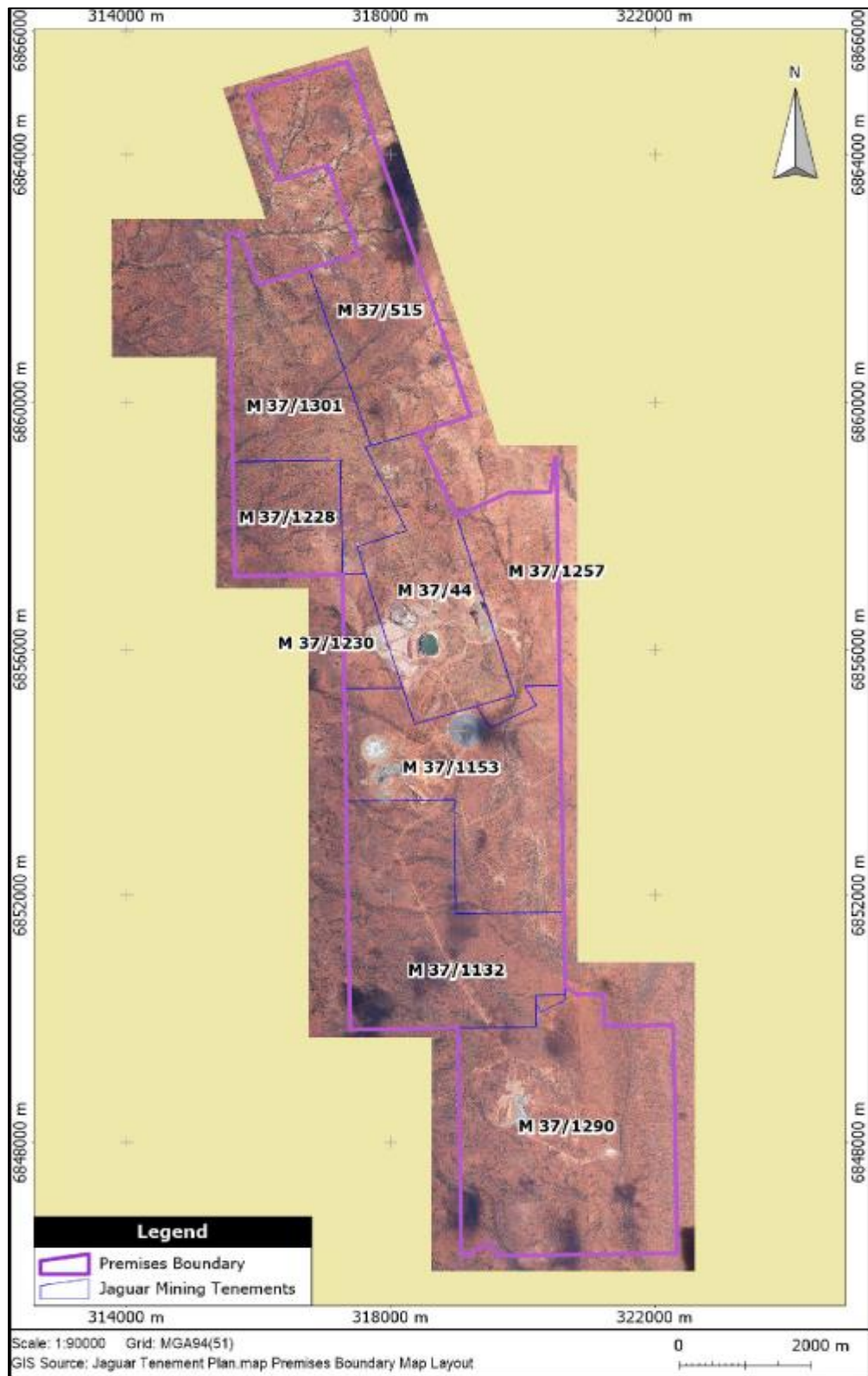
Note 2: Forms are in Schedule 2

13. The Premises map in Schedule 1 is deleted and replaced with the Map in Attachment 1 of this Amendment Notice.
14. The Licence is amended by the deletion of the Annual Audit Compliance Report Proforma in Schedule 2.
15. The N1 Form in Schedule 2 is deleted and replaced with the form in Attachment 2 of this Amendment Notice.

Attachment 1

Premises map

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



Attachment 2

Licence: L8151/2005/2
Form: N1

Licensee: Independence Jaguar Pty Ltd
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 Independence Jaguar Pty Ltd | |
| Date | |

Appendix 1: Key documents

| | Document title | In text ref | Availability |
|----|---|--|--|
| 1 | Amendment to L8151/2005/2 – Jaguar Operations, received from Freea Itastein-Davey (MBS Environmental), dated 10 July 2017 | IGO, 2017a | DWER records (A1473024) |
| 2 | <i>Guidance Statement: Decision Making</i> . Department of Environment Regulation, February 2017 | <i>Guidance Statement: Decision Making</i> | accessed at www.dwer.wa.gov.au |
| 3 | <i>Guidance Statement: Environmental Siting</i> . Department of Environment Regulation, November 2016 | <i>Guidance Statement: Environmental Siting</i> | |
| 4 | <i>Guidance Statement: Licence duration</i> . Department of Environment Regulation, August 2016 | <i>Guidance Statement: Licence duration</i> | |
| 5 | <i>Guidance Statement: Regulatory principles</i> . Department of Environment Regulation, July 2015 | <i>Guidance Statement: Regulatory principles</i> | |
| 6 | <i>Guidance Statement: Risk Assessments</i> . Department of Environment Regulation, February 2017 | <i>Guidance Statement: Risk Assessments</i> | |
| 7 | <i>Guidance Statement: Setting Conditions</i> . Department of Environment Regulation, October 2015 | <i>Guidance Statement: Setting conditions</i> | |
| 8 | Licence L8151/2005/2 – Jaguar Operations (amended 2 July 2015) | L8151/2005/2 | accessed at www.dwer.wa.gov.au |
| 9 | Licence L8151/2005/2 – Jaguar Operations – Amendment Notice 1 (amended 8 March 2017) | L8151/2005/2 Amendment Notice 1 | |
| 10 | RE: APPLICANT NOTIFICATION – L8151/2005/2 – APPLICATION FOR AN AMENDMENT TO LICENCE – INVOICE ISSUED, Received from Freea Itzstein Davey (MBS Environmental), dated 1 August 2017 | IGO, 2017b | DWER records (A1497436) |