



Department initiated Amendment

Part V Division 3 of the *Environmental Protection Act 1986*

Licence Number	L8151/2005/2
Licence Holder	Round Oak Jaguar Pty Ltd
ACN	060 620 751
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 Report	2 February 2021
Decision	Revised licence granted

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

An officer delegated by the CEO under section 20 of the EP Act

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1. Decision summary

The Delegated Officer has determined to make amendments to Licence L8151/2005/2. The amendments are administrative in nature therefore they do not alter the risk profile of the Premises, providing that activities, emissions and receptors as stated in existing approvals remain unchanged.

This Amendment Report documents the amendments made pursuant to section 59 and 59(B) of the *Environmental Protection Act 1986* (EP Act).

The decision report for the Existing licence will remain on the department's website for future reference and will act as a record of the department's decision making.

2. Scope of assessment

2.1 Regulatory framework

In amending the licence, the department has considered and given due regard to its Regulatory Framework and relevant policy documents which are available at <https://dwer.wa.gov.au/regulatory-documents>.

2.2 Amendment summary

Licence L8151/2005/2 is held by Round Oak Jaguar Pty Ltd (Licence Holder) for the Jaguar Operation (the Premises), located approximately 60 km north of Leonora within the Shire of Leonora.

The Premises relates to the categories and the assessed production/design capacity under Schedule 1 of the *Environmental Protection Regulations 1987* (EP Regulations) which are defined in existing Licence L8151/2005/2.

Licence L8151/2005/2 was amended on 24 June 2020. As recorded in the associated Amendment Report for that amendment following changes to Condition 3.8.1 were authorised:

- Change the standing water level monitoring for the TSF1 monitoring bores from monthly to quarterly frequency;
- Change the analysis of water samples for the TSF1 monitoring bores from quarterly to biannual frequency;
 - i. Include measurements of total acidity and total alkalinity as either in field or lab analysis;
 - ii. Include major ions within the analysis suite: sodium (Na⁺), potassium (K⁺), calcium (Ca²⁺), magnesium (Mg²⁺), carbonate (CO₃²⁻) and bi-carbonate (HCO₃⁻);
 - iii. Include metals and metalloids within the analysis suite: cobalt (Co), nickel (Ni), mercury (Hg) and antimony (Sb); and
- Exclude TSF1 bore 06JGMB006 from SWL monitoring and sample/analysis requirements within Table 3.8.1. and include bore 10JGMB012 within Table 3.8.1

On 12 September 2020, the Licence Holder informed the Department of an administrative error in presenting the groundwater monitoring and sampling requirements in Table 3.8.1. This CEO initiated amendment is limited to rectifying following unintentional errors:

- Table 3.8.1 has been reformatted to correctly indicate that monitoring of standing water levels at TSF1 monitoring bores should be undertaken quarterly;

- Table 3.8.1 has been reformatted to correctly indicate that ambient groundwater sampling from monitoring bores associated with TSF1 should be undertaken biannually;
- Table 3.8.1 has been reformatted to correctly indicate that no changes to previously authorised ambient groundwater sampling regimen were authorised for TSF2 as part of the licence amendment granted in June 2020. As such standing water level measurements at groundwater monitoring bores associated with TSF2 are to be undertaken monthly and ambient groundwater quality sampling and analysis at TSF 2 bores is to continue to be undertaken quarterly.

The Amendment Report dated 24 June 2020 documents the department’s decision-making process to justify changes to the ambient groundwater monitoring requirements associated with TSF1. That report is available on the department’s website at <https://www.der.wa.gov.au/our-work/licences-and-works-approvals/current-licences>

3. Consultation

The Licence Holder was provided with the draft Amendment Report on 11 November 2020. On 27 January 2021 the Licence Holder confirmed acceptance of the draft licence conditions.

4. Conclusion

Based on the assessment in this Amendment Report, the Delegated Officer has determined that an amended licence will be granted, subject to conditions commensurate with the determined controls and necessary for administration and reporting requirements.

4.1 Summary of amendments

Table 1 below provides a summary of the proposed amendments and will act as a record of implemented changes. All proposed changes have been incorporated into the Revised licence as part of the amendment process.

Table 1: Summary of licence amendments

Condition no.	Proposed amendments
Table 3.8.1	Monitoring frequency of standing water levels at TSF1 monitoring bores rectified to – <i>quarterly</i> .
	Monitoring frequency for ambient groundwater sampling from monitoring bores associated with TSF1 rectified to – <i>biannually</i> .
	Monitoring frequency for standing water levels and ambient groundwater sampling and analysis from monitoring bores associated with TSF2 has been reinstated to previously authorised monitoring frequency. Standing water levels at TSF2 bores are to be measured monthly. Groundwater sampling and analysis at TSF2 bores is to be undertaken quarterly. These frequencies were erroneously changed when granting the licence amendment on 24 June 2020.

References

1. DER 2017, Guidance Statement: Risk Assessments, Perth, Western Australia.
2. DER 2015, Guidance Statement: Setting Conditions, Perth, Western Australia