



## Application for Licence Amendment

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

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<b>Licence Number</b>	L8457/2010/2
<b>Licence Holder</b>	Silver Lake (Integra) Pty Limited
<b>ACN</b>	093 278 436
<b>File Number</b>	2012/006865-1~4
<b>Premises</b>	Salt Creek Processing Facility Mount Monger Road EMU FLAT WA 6431  Legal description –  Mining Tenements M25/71, M25/125, M25/133, M25/307, M25/347  General Purpose Lease L25/27, L25/31, L25/33, L25/41  Miscellaneous Licence G25/02  As defined by the Premise maps attached to the Revised Licence
<b>Date of Report</b>	1 July 2022
<b>Decision</b>	Revised licence granted

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

***Officer delegated under section 20 of the Environmental Protection Act 1986***

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# 1. Decision summary

Licence L8457/2010/2 is held by Silver Lake (Integra) Pty Limited (Licence Holder) for the Salt Creek Processing Facility (the Premises), located at Emu Flat, Western Australia, within mining tenements: M25/307, M25/125, M25/133, M25/71, G25/02, L25/33, M25/347, L25/27, L25/31, M25/347, G25/02, L25/33, M25/307, L25/31, L25/41, M25/125, M25/133, L25/27 and M25/71.

This Amendment Report documents the assessment of potential risks to the environment and public health from proposed changes to the emissions and discharges during the operation of the Premises. As a result of this assessment, revised licence L8457/2010/2 has been granted.

The Revised Licence issued as a result of this amendment consolidates and supersedes the existing Licence previously granted in relation to the Premises.

## 2. Scope of assessment

### 2.1 Regulatory framework

In completing the assessment documented in this Amendment Report, 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 Application summary

On 3 December 2021, the Licence Holder submitted an application to the department to amend Licence L8457/2010/2 under section 59 and 59B of the *Environmental Protection Act 1986* (EP Act). The amendment sought relates to the management and monitoring of groundwater at tailing storage facility 2 (TSF2) at the premises.

This amendment is limited only to changes to Category 5 activities from the existing licence. No changes to the aspects of the licence relating to Category 6 and 64 have been requested by the Licence Holder.

Under a previous licence amendment, the Licence Holder was approved for the deposition of tailings into TSF2, following construction of an embankment in accordance with works approval W6316/2019/1. The TSF2 footprint surrounds the Salt Creek in-pit TSF (Figure 1). At the time of the application, the deposited tailings had reached ground level and will rise into TSF2 in the following months.

In 2021, standing water level (SWL) at several groundwater monitoring bores exceeded their respective limits conditioned in the Licence as a result of continued tailings deposition. In response, the Licence Holder designed and submitted a Groundwater Management Plan (GMP) to address the issue of elevated SWLs due to groundwater mounding caused by seepage from TSF2.

To achieve the targets outlined in the GMP, the Licence Holder sought the following amendments to Licence L8457/2010/2:

- Changes to SWL limits at monitoring bores MB001, NMB02 and NMB03, to better reflect pre-mining SWLs (refer to Section 2.2.1);
- Construction of a recovery drain to intercept seepage from TSF2 (refer to Section 2.2.2);
- Construction of additional monitoring bore NMB05 (refer to Section 2.2.2);
- Addition of groundwater quality monitoring requirements for monitoring bores NMB01, NMB02, NMB03, NM04 and NMB05 (refer to Section 2.2.3); and
- Replacement of carbon trioxide (CO<sub>3</sub>) in ambient groundwater monitoring suite with

acidity (refer to Section 2.2.3).

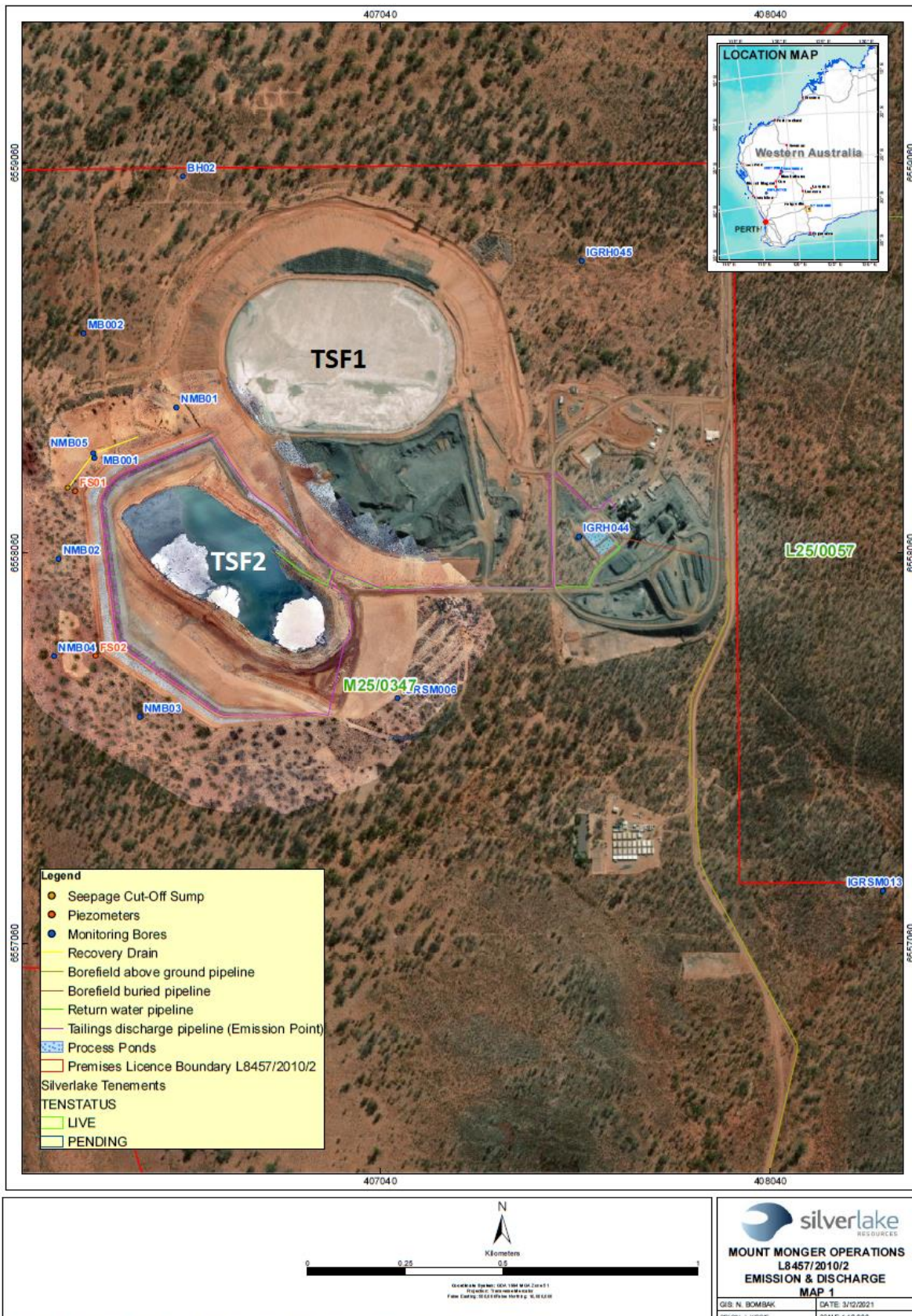


Figure 1: TSF1 and TSF2 site layout and surrounding groundwater monitoring bores.

The amendment does not include changes to Category 5 throughput capacity or operational infrastructure (except for monitoring bores and recovery drain).

### 2.2.1 Amendment to standing water level limit

The SWL limit of 4.0 metres below ground level (mbgl) is typically conditioned at premises where groundwater mounding, due to seepage, is likely to occur. The current limit is based on the depth of deep-rooted vegetation that may be adversely impacted by mounding, which can result in a saturated root zone and root uptake of contaminants associated with seepage. In 2021, the SWL limit of 4 mbgl was exceeded at several monitoring bores surrounding TSF2. These exceedances are summarised in Table 1.

**Table 1: Exceedance of standing water level limits in 2021**

Date of exceedance	Monitoring bore	Ground elevation (mAHD)	Limit (mbgl)	Standing water level (mbgl)	Groundwater elevation (mAHD)
20 June 2021	MB001	298.0	4.00	2.92	295.08
	MB002	298.8		3.41	295.39
	NMB002	295.4		3.33	292.07
22 September 2021	MB001	298.0		2.41	295.59
	MB002	298.8		3.04	295.76
	NMB02	295.4		2.70	292.7
21 November 2021	MB001	298.0		2.08	295.92
	MB002	298.8		2.80	296.0
	NMB01	300.0		2.11	297.89
	NMB02	295.4		2.40	293.0

To address this issue, the Licence Holder reviewed pre-mining SWLs to evaluate the practicality of applying a SWL limit of 4 mbgl uniformly to every monitoring bore.

Based on numerous exploration holes across the Salt Creek Pit envelope in 2008, pre-mining SWL in the area was generally lower than 294 m Australian Height Datum (mAHD). By accounting for seasonal groundwater peak, the use of 294.5 mAHD was suggested as the standard for an interpreted pre-mining upper seasonal limit. In terms of ground elevation, monitoring bores NMB02 and NMB03 are located at 295.4 mAHD and 296.0 mAHD, respectively.

Previous flood level assessments undertaken for the TSF have determined that the lowest elevation in the Salt Creek bed was approximately 296 mAHD, with water levels during a 1:100 year rainfall event resulting in flooding up to 297.5 mAHD. An interpolated 1:20 year rainfall event would still result in similarly high surface water elevation (i.e. 297.2 mAHD). Site observations support the flood modelling undertaken, in that Salt Creek flows in response to major rainfall events occurring once or more times in most years, which recharges surrounding groundwater on either side of the creek. Based on these findings, it is plausible that overtopping of the creek and inundation of the nearby area is a common and natural occurrence for

surrounding native vegetation.

Under the assumption that pre-mining groundwater level was 294.5 mAHD, the pre-mining water table is 0.9 mbgl at NMB02 and 1.5 mbgl for NMB03. The Licence Holder proposed the use of these values as limits for SWL at monitoring bores NMB2 and NMB03, respectively. The proposed revised SWL limits for each groundwater monitoring bore is provided in Table 2.

**Table 2: Current and proposed standing water level limits for groundwater monitoring bores**

Monitoring bore	Standing water level limit (mbgl)		Standing water level in June 2021 (mbgl) <sup>1</sup>	Depth of bore (mbgl)
	Current	Proposed		
IGRSM006	6	6	20.9	42.0
IGRSM013	6	6	-	48.0
IGRH044	6	6	19.5	30.0
IGRH045	6	6	15.0	30.0
MB001	4	-	<b>1.0</b>	61.0
MB002	4	4	<b>3.4</b>	58.0
BH02	4	4	5.27	30.0
NMB01	4	4	10.5	34.0
NMB02	4	0.9	<b>3.4</b>	24.0
NMB03	4	1.5	<b>2</b>	28.0
NMB04	4	-	-	18.0
NMB05	4	4	-	-

Note 1: Red, bolded standing water level values indicate those monitoring bores were exceeding the current limits.

## 2.2.2 Construction of seepage recovery drain and additional groundwater monitoring bore

To address elevated SWL observed in monitoring bore MB001 and MB002, the Licence Holder has proposed the construction of a seepage recovery drain. The recovery drain will be constructed along the north western toe of TSF2, on an alignment which allows for adequate space to preserve MB001.

The seepage recovery drain will be fitted with a sump on its southern termination point, where intercepted seepage will be collected and pumped back to the TSF2 supernatant pond.

The Licence Holder has proposed to use the seepage recovery drain as an additional monitoring location for ambient groundwater, where sampling parameters, frequency and limits will be the same as for the groundwater monitoring bores. They have also committed to extending the drain if groundwater monitoring indicates rising SWLs in the southern monitoring bores.

To allow for the construction of TSF2 Stage 2 and 3 embankment raises in the future, the

seepage recovery drain will be located hydraulically downgradient of MB001. Therefore, the SWL at MB001 will likely be high. To address this, the Licence Holder has proposed the construction of another groundwater monitoring bore (NMB05) hydraulically downgradient of MB001 and the seepage recovery drain, in order to obtain more accurate measurements of SWL after implementing the recovery drain as a control.

Consequently, NMB05 will be the new groundwater monitoring location in the north-western toe of TSF2, with limits removed from MB001. The implementation of a seepage recovery drain is thought to reduce groundwater mounding in the area, including MB002, which is further downgradient hydraulically.

Furthermore, an existing unrehabilitated turkey's nest dam was initially constructed to hold water during early mine development in 2010. The dam is located on the northeast corner of TSF2, adjacent to monitoring bore NMB01. The excavated depth of the dam is 4.5 mbgl (i.e. approximately 304 mAHD). The Licence Holder has proposed to use the turkey's nest as a means of visually monitoring groundwater mounding in the area and, if groundwater intrusion was to occur through the base, to equip the turkey's nest with a sump to control groundwater levels.

### 2.2.3 Changes to ambient groundwater monitoring parameters

The Licence Holder has sought several amendments to the groundwater monitoring program outlined in Table 5 of licence L8457/2010/2. Firstly, it was noted that monitoring bores NMB01, NMB02 and NMB03 were only required to be measured for SWL, but not other groundwater quality parameters (e.g. heavy metals, cyanide, pH, electrical conductivity). This appears to have been an administrative error, as these monitoring bores were recently constructed to monitor groundwater mounding from TSF2 and should be tested for groundwater quality.

Secondly, it was proposed that the testing of carbon trioxide ( $\text{CO}_3$ ) in groundwater be replaced with acidity (as  $\text{CaCO}_3$ ). In 2020, the Licence Holder received advice from a NATA-accredited laboratory and the department that acidity (as  $\text{CaCO}_3$ ) was an acceptable replacement. This was reflected in the Annual Report for the 2020 annual period, where acidity was added to their groundwater monitoring program, though it had not been amended in the licence at that time (Silver Lake Resources Limited 2021).

## 2.3 CEO-initiated amendment

Concurrent to this application, the department has initiated an amendment to licence L8457/2010/2. The Delegated Officer notes that the licence is due to expire on 5 September 2023. In accordance with the department's Guidance Statement on Licence duration (DER 2016), the Delegated Officer has decided to extend the licence duration to better correspond with the duration of existing mining leases.

Mining tenements M25/347 and M25/307 are due to expire on 31 August 2030. Hence, the Delegated Officer has considered it appropriate to extend the licence duration to 5 September 2030.

## 2.4 Consolidation of Licence

As part of this amendment package, the department has consolidated the licence by incorporating changes made under Amendment Notice 3 (granted 3 September 2019). Amendment Notices 1 and 2 have already been consolidated into the licence during the previous licence amendment (granted 7 July 2021).

The obligations of the Licence Holder have not changed in consolidating the licence. The department has not undertaken any additional risk assessment of the Premises related to previous Amendment Notices.

In consolidating the licence, the CEO has:

- revised the licence condition numbers and realigned condition numbers for numerical consistency;
- updated the format and appearance of the tables within the licence; and
- corrected clerical mistakes and unintentional errors.

The full consolidation of licence conditions as they relate to this revised licence are detailed in Section 5.1. Previously issued Amendment Notices will remain on the department’s website for future reference and will act as a record of the department’s decision making.

### 3. Risk assessment

The department assesses the risks of emissions from prescribed premises and identifies the potential source, pathway and impact to receptors in accordance with the *Guideline: Risk assessments* (DWER 2020b).

To establish a Risk Event there must be an emission, a receptor which may be exposed to that emission through an identified actual or likely pathway, and a potential adverse effect to the receptor from exposure to that emission.

#### 3.1 Source-pathways and receptors

##### 3.1.1 Emissions and controls

The key emissions and associated actual or likely pathway during premise operation which have been considered in this Amendment Report are detailed in Table 3 below. Table 3 also details the proposed control measures the Licence Holder has proposed to assist in controlling these emissions, where necessary.

**Table 3: Licence Holder controls**

Emission	Sources	Potential pathways	Proposed controls
Dust	Construction of seepage recovery drain	Air/windborne pathway	None.
Tailings leachate	Tailings deposition to TSF2	Seepage through base and embankment wall	<p>Construction of seepage recovery drain to intercept and return seepage to TSF2.</p> <p>Construction of additional monitoring to assess efficacy of seepage recovery drain.</p> <p>The following controls are already conditioned in the licence:</p> <ul style="list-style-type: none"> <li>• Limit to embankment crest height;</li> <li>• Use of a downstream toe drain on western boundary with collection sump installed;</li> <li>• Quarterly photographic monitoring of vegetation within zone of influence of TSF2; and</li> <li>• Quarterly ambient groundwater monitoring around TSF2.</li> </ul>

##### 3.1.2 Receptors

In accordance with the *Guideline: Risk assessments* (DWER 2020b), the Delegated Officer has excluded employees, visitors and contractors of the Licence Holder from its assessment.



Protection of these parties often involves different exposure risks and prevention strategies and is provided for under other state legislation.

Table 4 below provides a summary of potential human and environmental receptors that may be impacted as a result of activities upon or emission and discharges from the prescribed premises (*Guideline: Environmental siting* (DWER 2020a)).

**Table 4: Sensitive human and environmental receptors and distance from prescribed activity**

Human receptors	Distance from prescribed activity
None	N/A
Environmental receptors	Distance from prescribed activity
Native vegetation	Open woodland comprising marri ( <i>Eucalyptus calophylla</i> ), wandoo ( <i>E. wandoo</i> ) and river gum ( <i>E. camaldulensis</i> ) is present throughout and around the boundary of the premises.
Priority flora	There is one record of <i>Eucalyptus websteriana</i> subsp. <i>norsemanica</i> (Priority 1) is near the premises boundary, about 1 km southeast of TSF2 area.  Additionally, there is one sighting of <i>Fankenia georgei</i> (Priority 1) is 4 km south of the premises.
Surface water body	Salt Creek is located 200 m west of the premises. The creek flows from north to south, into ephemeral water bodies near Lake Lefroy.  Lake Lefroy and surrounds are an ephemeral claypan located 4.8 km south of the premises. Salt Creek flows into this surface water body.
Groundwater	Groundwater depth ranges from 5 to 25 mbgl across the premises.  Local groundwater levels and quality is well characterised by historical groundwater monitoring around the TSF area.  Groundwater mounding was observed in TSF1 (north of TSF2), particularly at the northern portion. Mounding has also been observed since tailings deposition commenced at TSF2.  No groundwater-dependent ecosystems or third-party groundwater users have been identified within 6 km of TSF2 premises.

## 3.2 Risk ratings

Risk ratings have been assessed in accordance with the *Guideline: Risk Assessments* (DWER 2020b) for those emission sources which are proposed to change and takes into account potential source-pathway and receptor linkages as identified in Section 3.1. Where linkages are incomplete they have not been considered further in the risk assessment.

Where the Licence Holder has proposed mitigation measures/controls (as detailed in Section 3.1), these have been considered when determining the final risk rating. Where the Delegated Officer considers the Licence Holder's proposed controls to be critical to maintaining an acceptable level of risk, these will be incorporated into the licence as regulatory controls.

Additional regulatory controls may be imposed where the Licence Holder's controls are not deemed sufficient. Where this is the case the need for additional controls will be documented and justified in Table 5.

The Revised Licence L8457/2010/2 that accompanies this Amendment Report authorises emissions associated with the operation of the Premises i.e. tailings deposition to TSF2.

The conditions in the Revised Licence have been determined in accordance with *Guidance Statement: Setting Conditions* (DER 2015).

**Table 5: Risk assessment of potential emissions and discharges from the Premises during operation**

Risk Event					Risk rating <sup>1</sup> C = consequence L = likelihood	Licence Holder's controls sufficient?	Conditions <sup>2</sup> of licence	Justification for additional regulatory controls
Source/Activities	Potential emission	Potential pathways and impact	Receptors	Licence Holder's controls				
<b>Construction</b>								
Construction of seepage recovery drain	Dust	Air/windborne pathway, causing impacts to ecological health	Native vegetation	None.	C = Slight L = Unlikely <b>Low Risk</b>	Yes	None.	The Delegated Officer considers the emissions from construction works to not present a significant risk to environmental receptors.  Additional regulatory controls are not required. Minimal dust emissions are expected, as the construction is considered short-term.
<b>Operation</b>								
Tailings deposition to TSF2	Tailings leachate	Seepage through base and embankment walls into groundwater aquifer, resulting in groundwater mounding and deterioration of groundwater quality	Groundwater aquifer  Native vegetation, including priority flora  Salt Creek and other nearby surface water bodies	Refer to Section 3.1	C = Moderate L = Possible <b>Medium Risk</b>	Yes	Condition 3 Condition 6 Condition 7 <b>Condition 8</b> Inclusion of seepage recovery drain in TSF2 water balance. <b>Condition 17</b> Inclusion of seepage cut-off sump as monitoring point. <b>Condition 18</b> Reporting requirements for NMB05 installation. Condition 26	The Delegated Officer considers the applicant's controls to be sufficient to control tailings seepage from environmental receptors.  Existing regulatory controls are updated to incorporate the controls proposed under this amendment.  In order to evaluate the efficacy of the applicant's proposed controls and to inform future risk assessments, the Delegated Officer has imposed additional monitoring requirements, including standing water level monitoring at MB001 and water quality monitoring at the seepage cut-off sump (SRD1) in condition 17 and specifications for the

Risk Event					Risk rating <sup>1</sup> C = consequence L = likelihood	Licence Holder's controls sufficient?	Conditions <sup>2</sup> of licence	Justification for additional regulatory controls
Source/Activities	Potential emission	Potential pathways and impact	Receptors	Licence Holder's controls				
								installation of monitoring bore infrastructure, as detailed in Condition 18.

Note 1: Consequence ratings, likelihood ratings and risk descriptions are detailed in the *Guideline: Risk assessments* (DWER 2020b).

Note 2: Proposed Licence Holder's controls are depicted by standard text. **Bold and underline text** depicts additional regulatory controls imposed by department.

## 4. Consultation

Table 6 provides a summary of the consultation undertaken by the department.

**Table 6: Consultation**

Consultation method	Comments received	Department response
Shire of Kalgoorlie-Boulder advised of proposal on 22 February 2022.	No response received.	N/A
Department of Mines, Industry Regulation and Safety (DMIRS) advised of proposal on 22 February 2022.	DMIRS received a Mining Proposal (Reg ID 101426) which appears to be consistent with the licence amendment application.  The Mining Proposal was approved on 10 January 2022.	No additional action taken.
Licence Holder was provided with draft amendment on 2 May 2022	Refer to Appendix 1.	Refer to Appendix 1.

## 5. Conclusion

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

### 5.1 Summary of amendments

Table 7 provides a summary of the proposed amendments and will act as record of implemented changes. All proposed changes have been incorporated into the Revised Licence as part of the amendment process.

**Table 7: Summary of licence amendments**

Condition no.	Proposed amendments
-	Updated cover page to extend Duration of licence and remove duplicated tenements in Premises details.  Updated Licence History to include Amendment Notice 3 and current amendment.
1	Consolidated from Amendment Notice 3 (including Table 1).
3 (Table 2)	Inclusion of infrastructure requirements for seepage recovery drain at TSF2.  Consolidated from Amendment Notice 3.
6 (Table 3)	Inclusion of TSF2 seepage recovery drain and TSF2 turkey's nest for daily inspection.
7	Inclusion of intercepted seepage from recovery drain to be discharged into decant water pond.
8	Inclusion of intercepted seepage from recovery drain in monthly TSF2 water balance.

10	Consolidated from Amendment Notice 3 (including Table 4).
Table 5	Formatting updates.
Table 6	Formatting updates.
17 (Table 7)	Updated for the following: <ul style="list-style-type: none"> <li>•Deletion of SWL trigger;</li> <li>•Deletion of SWL limit for MB001;</li> <li>•Addition of NMB01, NMB02, NMB03, NMB04, NMB05 and seepage recovery drain (SRD1) for groundwater quality parameters;</li> <li>•Change of SWL limit for NMB02 and NMB03 to 0.9 mbgl and 1.5 mbgl, respectively;</li> <li>•Addition of NMB05;</li> <li>•Inclusion of Note 1, which specifies groundwater monitoring requirements when sample cannot be obtained from seepage recovery drain;</li> <li>•Replacing carbon trioxide with acidity (as CaCO<sub>3</sub>) as groundwater quality parameters; and</li> <li>•Formatting updates.</li> </ul>
-	Deletion of condition 18 (in existing licence) as trigger in Table 5 has been exceeded and a Groundwater Management Plan has been prepared and submitted, as per the condition.
-	Deletion of condition 19 (in existing licence) specifying requirements of the Groundwater Management Plan, as it had already been completed and submitted to the department.
18 (Table 8)	Updated to require the construction of monitoring bore NMB05, with changes to timeframe, well construction log and well development requirements.
20	Formatting updates.
21	Formatting updates.
22	Formatting updates.
23 (Table 9)	Updated to include summary of waste types and volumes disposed at Maxwells Waste Rock Dump. Removed the need to report trigger exceedances. Formatting updates.
24	Formatting updates.
25 (Table 10)	Formatting updates
28	Inclusion of condition for construction of seepage recovery drain.
29	Inclusion of condition for reporting of seepage recovery drain construction.
30	Inclusion of condition for reporting of seepage recovery drain construction.
Definitions	Updated to include ACM.
Figure 3	Updated to include location of monitoring bore NMB05 and seepage recovery drain and seepage cut-off sump.
Figure 5	Consolidated from Amendment Notice 3.

Figure 6	New figure added, as part of this licence amendment.
Figure 7	New figure added, as part of this licence amendment.
Figure 8	New figure added, as part of this licence amendment.

## References

1. Department of Environment Regulation (DER) 2015, *Guidance Statement: Setting Conditions*, Perth, Western Australia.
2. Department of Water and Environmental Regulation (DWER) 2020a, *Guideline: Environmental Siting*, Perth, Western Australia.
3. DWER 2020b, *Guideline: Risk Assessments*, Perth, Western Australia.
4. Silver Lake Resources Limited 2021, *Mount Monger Operations – Department of Water & Environmental Regulation Annual Environmental Report L8457/2010/2*, South Perth, Western Australia.



## Appendix 1: Summary of Licence Holder's comments on risk assessment and draft conditions

Condition	Summary of Licence Holder's comment	Department's response
Cover page	The Licence Holder confirmed premises details, as per the department's request.	The department has noted this.
Condition 3 (Table 2)	The Licence Holder specified the timeframe for the construction of the seepage recovery drain and confirmed destination of intercepted seepage from the drain, as per the department's request.	The department accepted the timeframe as reasonable and has conditioned it appropriately.
Condition 17 (Table 7)	The Licence Holder confirmed 'SRD1' as an appropriate identifier for monitoring of the seepage recovery drain through the seepage cut-off sump, as per the department's request.  The Licence Holder also specified a typographical error with the name of monitoring bore NMB04.	The department has noted this and amended the typological error.
Condition 18 (Table 8)	The Licence Holder clarified that certain requirements (e.g., installation location, logging of encountered lithologies, well development) in Table 8 could not be met, as monitoring bore NMB05 was designed to be installed within the seepage recovery drain.  The Licence Holder specified the timeframe for the installation of monitoring bore NMB05, as per the department's request.	The department acknowledged this discrepancy and recognised that there was misunderstanding of the proposed NMB05 design during the assessment of this licence amendment.  Through correspondence with the Licence Holder, the department indicated that the proposed design for NMB05 (clarified in the Licence Holder's comments) were not adequate for monitoring the efficacy of the seepage recovery drain. Consequently, condition 18 was not altered from its draft condition in response to the Licence Holder's comments.  The department accepted the timeframe as reasonable and has conditioned it appropriately.

## Appendix 2: Application validation summary

SECTION 1: APPLICATION SUMMARY (as updated from validation checklist)				
Application type				
Works approval	<input type="checkbox"/>			
Licence	<input type="checkbox"/>	Relevant works approval number:		None <input type="checkbox"/>
		Has the works approval been complied with?	Yes <input type="checkbox"/> No <input type="checkbox"/>	
		Has time limited operations under the works approval demonstrated acceptable operations?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
		Environmental Compliance Report / Critical Containment Infrastructure Report submitted?	Yes <input type="checkbox"/> No <input type="checkbox"/>	
		Date Report received:		
Renewal	<input type="checkbox"/>	Current licence number:		
Amendment to works approval	<input type="checkbox"/>	Current works approval number:		
Amendment to licence	<input checked="" type="checkbox"/>	Current licence number:	L8457/2010/2	
		Relevant works approval number:	N/A	<input type="checkbox"/>
Registration	<input type="checkbox"/>	Current works approval number:	None	<input type="checkbox"/>
Date application received				
Applicant and Premises details				
Applicant name/s (full legal name/s)		Silver Lake (Integra) Pty Limited		
Premises name		Salt Creek Processing Facility		
Premises location		<p><b>Mining Tenement:</b> M25/307, M25/125, M25/133, M25/71, G25/02, L25/33, M25/347, L25/27, L25/31, M25/347, G25/02, L25/33, M25/307, L25/31, L25/41, M25/125, M25/133, L25/27 and M25/71</p> <p>Amendment applies specifically to mining tenement M25/347.</p>		
Local Government Authority		Shire of Kalgoorlie-Boulder		
Application documents				
HPCM file reference number:		2012/006865-1~4		
Key application documents (additional to application form):		<ul style="list-style-type: none"> <li>Attachment 1A Tenement Holder</li> <li>Attachment 2 Premise Map</li> <li>Attachment 8 Groundwater Management Plan</li> </ul>		
Scope of application/assessment				

<p>Summary of proposed activities or changes to existing operations.</p>	<p><b>Licence amendment</b></p> <p>Changes to Category 5 activity, specifically conditions relating to ambient groundwater monitoring at TSF 2, including:</p> <ul style="list-style-type: none"> <li>• Changes to standing water level limits for monitoring bores NMB02 and NMB03;</li> <li>• Changes to groundwater parameters required to be monitored at NMB01, NMB02 and NMB03;</li> <li>• Replacing carbon trioxide with acidity as a groundwater monitoring parameter;</li> <li>• Construction and operation of a recovery drain to intercept rising groundwater levels.</li> <li>• Construction of additional monitoring bore NMB05, downgradient of the seepage recovery drain.</li> </ul> <p>No change to Category 5 throughput was proposed.</p>
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Category number/s (activities that cause the premises to become prescribed premises)

**Table 1: Prescribed premises categories**

Prescribed premises category and description	Assessed production or design capacity	Proposed changes to the production or design capacity (amendments only)
Category 5: Processing of beneficiation of metallic or non-metallic ore	1,700,000 tonnes per annual period (tpa)	No change to production capacity. Amendment only to change monitoring conditions relating to TSF and groundwater management.
Category 6: Mine dewatering	700,000 tpa	No change.
Category 64: Class II or Class III putrescible landfill site	1,000 tpa	No change.

**Legislative context and other approvals**

Has the applicant referred, or do they intend to refer, their proposal to the EPA under Part IV of the EP Act as a significant proposal?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Not a significant proposal.
Does the applicant hold any existing Part IV Ministerial Statements relevant to the application?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A
Has the proposal been referred and/or assessed under the EPBC Act?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A
Has the applicant demonstrated occupancy (proof of occupier status)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Mining lease / tenement: M25/347 Expiry: 31 August 2030
Has the applicant obtained all relevant planning approvals?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Prescribed premises is located on mining tenement, not freehold land.
Has the applicant applied for, or have an existing EP Act clearing permit in relation to this proposal?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CPS No: 8519 No clearing is proposed as part of

		this amendment.
Has the applicant applied for, or have an existing CAWS Act clearing licence in relation to this proposal?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	No clearing is proposed.
Has the applicant applied for, or have an existing RIWI Act licence or permit in relation to this proposal?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Licence/permit No: GWL171076
Does the proposal involve a discharge of waste into a designated area (as defined in section 57 of the EP Act)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Name: Goldfields Groundwater Area Type: Proclaimed Groundwater Area
Is the Premises situated in a Public Drinking Water Source Area (PDWSA)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A
Is the Premises subject to any other Acts or subsidiary regulations (e.g. <i>Dangerous Goods Safety Act 2004, Environmental Protection (Controlled Waste) Regulations 2004, State Agreement Act xxx</i> )	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Mining Act 1978
Is the Premises within an Environmental Protection Policy (EPP) Area?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A
Is the Premises subject to any EPP requirements?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A
Is the Premises a known or suspected contaminated site under the <i>Contaminated Sites Act 2003</i> ?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A