



Application for Licence Amendment

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

Licence Number	L5029/1992/11
Licence Holder	Northern Star (Kanowna) Pty Limited
ACN	010 511 789
File Number	FA261388
Premises	<p>Kanowna Belle Gold Mine</p> <p>Mining Tenements M27/18, M27/22, M27/23, M27/37, M27/49, M27/57, M27/92, M27/103, M27/122, M27/123, M27/127, M27/159, M27/164, M27/232, M27/245, M27/287, M27/420, L27/62, L27/83 and L27/87</p> <p>As defined by the coordinates in Schedule 1</p>
Date of Report	3 January 2023
Proposed Decision	Revised licence granted

MANAGER, PROCESS INDUSTRIES

REGULATORY SERVICES

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

Table of Contents

1. Decision summary	3
2. Scope of assessment	3
2.1 Application summary	3
2.2 Consolidation of Licence	3
3. Risk assessment	4
3.1 Seepage risk	4
3.1.1 Groundwater monitoring data	4
4. Consultation	7
5. Summary of amendments	7
5.1 Operational requirements	7
5.2 Seepage management criteria	7
5.3 Reporting	8
5.4 Administrative amendments	8
5.5 Amendment summary	8
References	10
Appendix 1: Summary of Licence Holder’s comments on risk assessment and draft conditions	11
Appendix 2: Application validation summary	15
Table 1: Summary of licence amendments	8

1. Decision summary

Licence L5029/1992/11 is held by Northern Star (Kanowna) Pty Ltd (Licence Holder) for the Kanowna Belle Gold Mine (the Premises), located approximately 18 km north-east of the City of Kalgoorlie-Boulder at Mining Tenements listed on the cover page to this Amendment Report.

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 construction and operation of the Premises. As a result of this assessment, the Revised Licence L5029/1992/11 has been granted.

The Revised Licence consolidates and supersedes conditions of the existing Licence previously granted in relation to the Premises as well as Works Approval W6433/2020/1. The Revised Licence has been granted in a new format with existing conditions being transferred, but not reassessed, to the new format. In transferring the conditions to the new format, some administrative amendments have been made to conditions.

2. Scope of assessment

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>.

2.1 Application summary

On 20 December 2021, the Licence Holder submitted an application to the department to amend Licence L5029/1992/11 under section 59 and 59B of the *Environmental Protection Act 1986* (EP Act). The following amendments were sought:

- The transition from Works Approval W6433/2020/1 to operations for TSF2 Cell 2 Stage 1 raise;
- Authority to undertake construction works for embankment raises of TSF2 for the remainder of Stage 1 as well as Stage 2 and 3, under Licence L5029/1992/11; and
- The operation of TSF2 upon completion of each embankment raise.

TSF2 Cell 1 Stage 1 raise is yet to commence. The Delegated Officer has determined that transition of TSF2 Cell 1 Stage 1 embankment raise conditions already authorised through Works Approval W6433/2020/1 can be transferred to the licence through this amendment application.

This amendment is limited only to changes to Category 5 activity from the existing Licence. No changes to the aspects of the existing Licence relating to Category 6 and 44 have been requested by the Licence Holder.

The Licence Holder has not requested any changes to the production/design capacity for Category 5 of 2,500,000 tonnes per annual period.

From the application supporting documentation, it is expected that the scope of works for all future raises at TSF2 will follow the same construction sequence, as the original geotechnical engineering design of TSF2 has not changed.

2.2 Consolidation of Licence

During the amendment process the Licence has been converted into the current licence format. Authorisation of uncompleted works in Works Approval W6433/2020/1 has been transferred across to the Revised Licence. In addition, conditions of Amendment Notices have been transferred to the Revised Licence. 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 conditions of the previous Works Approval and Amendment Notices.

In consolidating the Licence, the CEO has:

- updated the format and appearance of the Licence;
- deleted the redundant AACR form set out in schedule 1 of the previous Licence and advise the Licence Holder to obtain the form from the department's website;
- revised quarterly and monthly reporting requirements to consolidate report submissions;
- revised Licence condition's numbers, and removed any redundant conditions and realigned condition numbers for numerical consistency;
- revised Licence condition wording and naming conventions; and
- corrected clerical mistakes and unintentional errors.

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 2020).

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.

Receptors and emissions for construction and operation of TSF2 Stage 1 lift has been previously assessed through the application for Works Approval W6433/2020/1 (DWER 2020). Construction sequence for Stage 2 and Stage 3 lifts does not significantly differ from Stage 1 however, authorisation to operate TSF2 will be dependent on the ongoing management of rising groundwater levels and seepage. The risk of contaminated water seeping to ground was identified as 'High' in Section 3.2 of the previous risk assessment (Decision Report) based on a consequence determination of 'Moderate' and a likelihood of 'Likely' (DWER 2020).

3.1 Seepage risk

The intent upon issue of W6433/2020/1 was for the department to re-assess the environmental risk and regulatory requirements as required during the amendment to licence L5029/1992/11, following review of the monitoring data obtained during time limited operations. Time limited operations for Stage 1 (Cell 2) is currently underway and construction of Cell 1 was to commence in June 2022.

As these lifts have already been approved the Delegated Officer has determined it appropriate to be incorporated into L5029/1992/11 as per this application, with consideration to risks to groundwater as a result of seepage from TSF2 for future lifts.

3.1.1 Groundwater monitoring data

There remains the potential for increased seepage to groundwater as a consequence of Stage 2 and 3 TSF embankment lifts. Groundwater at the premises is hypersaline and therefore presents a risk to surrounding native vegetation should it rise to within the root zone.

Analysis of the monitoring data (including standing water level (SWL) and quality) within the TSF2 groundwater monitoring wells is undertaken quarterly. Groundwater monitoring data, primarily high SWLs along the west, north and east embankments of TSF2 indicates that

seepage has occurred following tailings deposition.

Tailings deposition is also likely to be having an impact on groundwater quality. Groundwater monitoring at TSF2 indicated a rise in total dissolved solids (TDS) soon after tailings deposition commenced at TSF2. TDS levels within groundwater monitoring wells surrounding TSF2 are higher in comparison to TDS levels within those upstream to TSF2 in groundwater directional flow. Elevated concentrations of cadmium, chromium, copper, iron, lead, mercury and nickel have also been observed in monitoring data at levels above background.

The trend in SWL since the assessment for Works Approval W6433/2020/1 can be seen below (Figure 1, 2 and 3). No significant changes can be seen overall in SWL since W6433/2020/1 was issued. The data shows SWL remains high in most bores and was:

- Increasing over the 2020 reporting period, with most monitoring bore results showing a decrease in April (Figure 1).
- Remaining generally constant over the 2021 reporting period (Figure 2).
- Remaining generally constant in the 2022 reporting period (Figure 3).

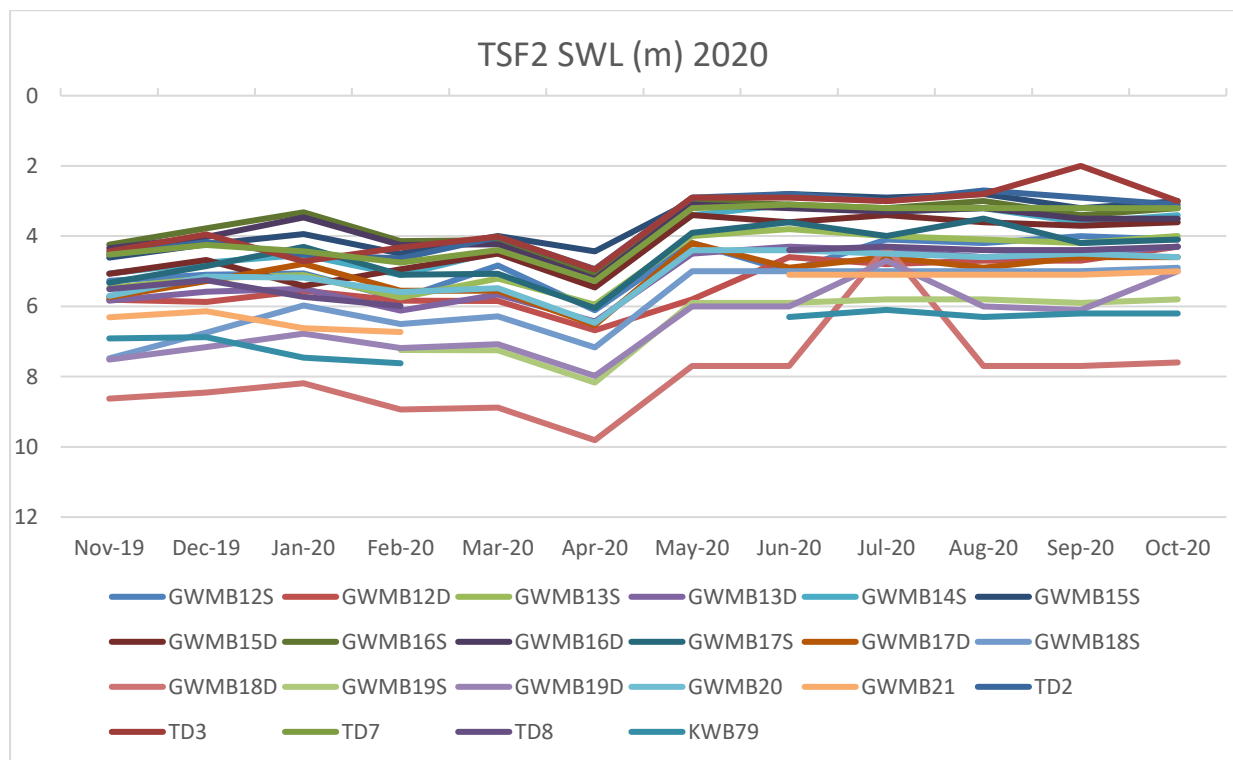


Figure 1: Standing water level monitoring data 2020

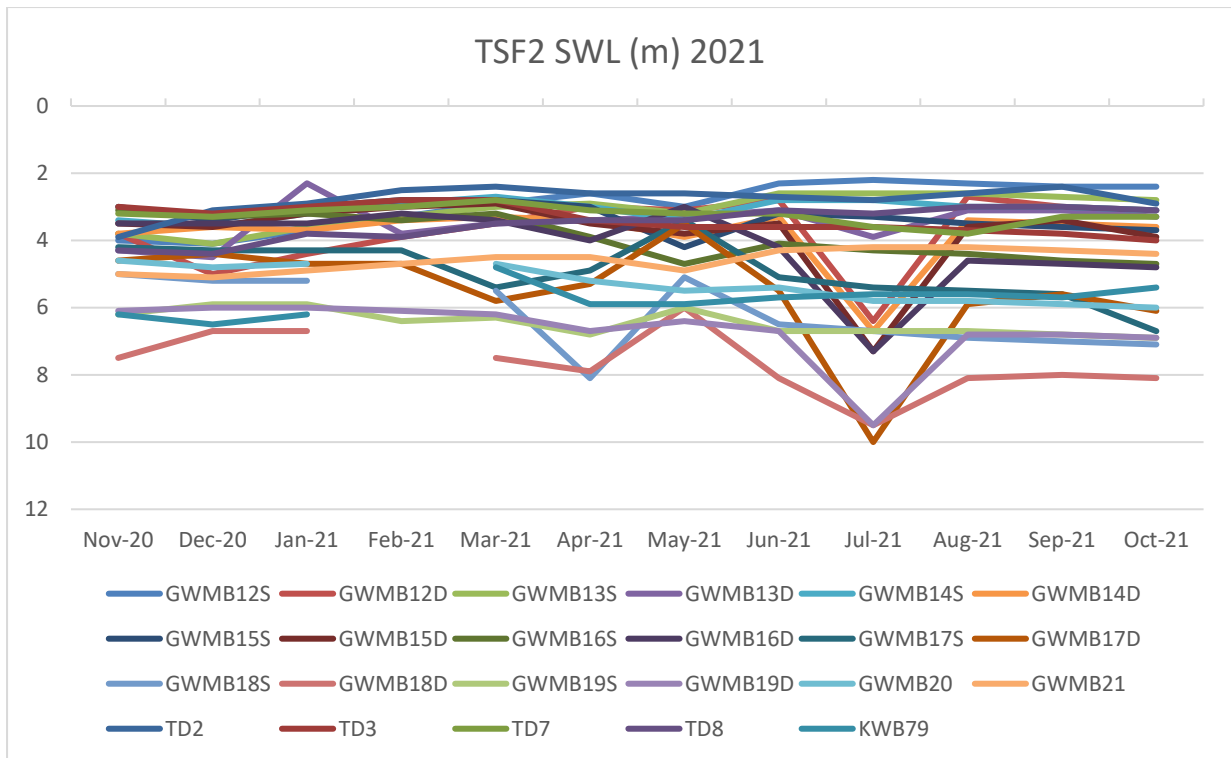


Figure 2: Standing water level monitoring data 2021

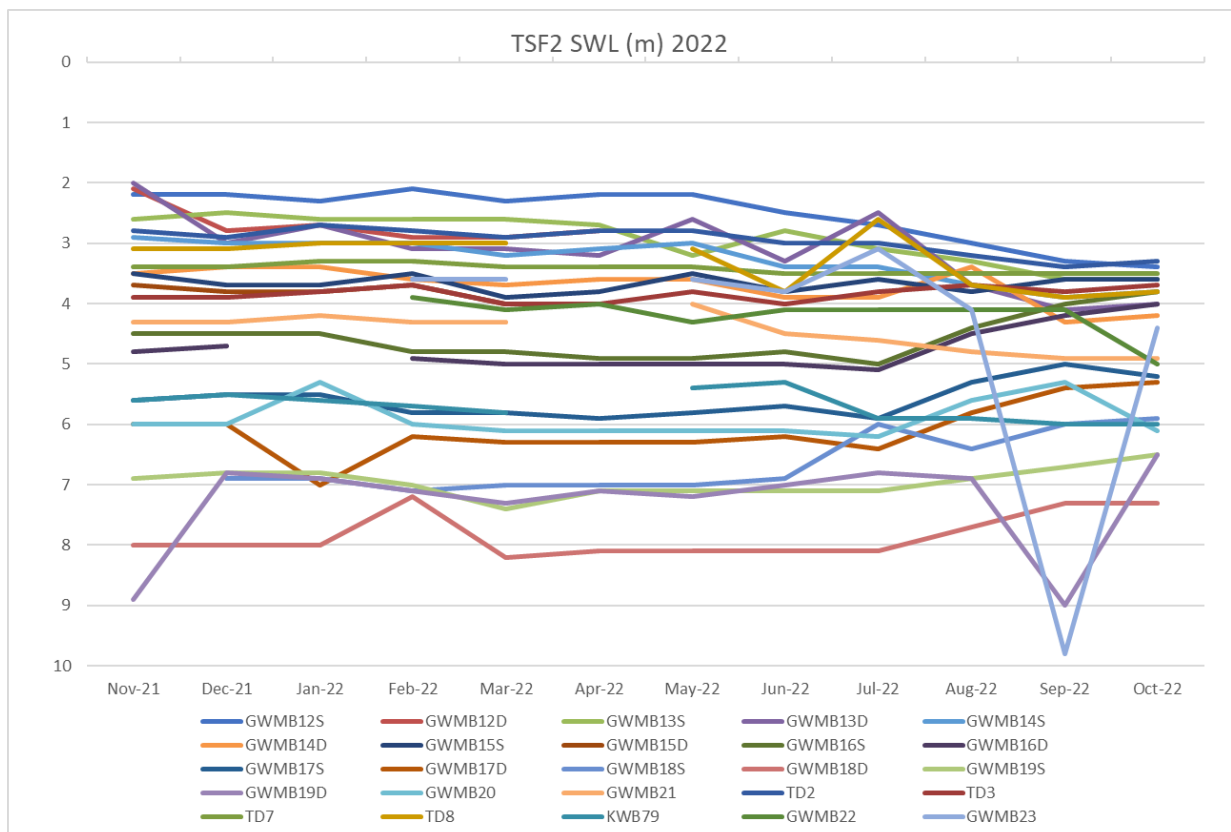


Figure 3: Standing water level monitoring data 2022

Although there is no demonstrable increasing trend in SWL near to TSF2 since 2019, future embankment lifts are expected to result in greater downward pressure of entrained tailings water into groundwater. Seepage recovery bores have only recently commenced operation (May 2022) and so impacts may not yet be evident in groundwater monitoring levels. Due to the

existing high SWLs, the risk of future embankment rises to native vegetation remains 'High' and unchanged as per the W6433/2020/1 Decision Report. Therefore, controls are required for further embankment raises and ongoing operation of TSF2 and to ensure future improvement through proactive management of seepage.

W6433/2020/1 required that monitoring of the water balance be undertaken each monthly period as well as the inclusion of a summary of the monitoring results within the report for the time limited operations. Time limited operations have been transferred to L5029/1992/11 as ongoing operating conditions and these requirements are to remain to enable oversight of SWL and groundwater quality that may change future assessment of seepage risks.

4. Consultation

The Licence Holder was provided with the draft Licence and Amendment Report on 17 August 2022 and a second draft on 20 October 2022. The Licence holder provided comments on 29 September 2022 and 20 December 2022. These are detailed in Appendix 1.

The Department of Mines, Industry Regulation and Safety (DMIRS) was consulted with regard to Works Approval W6433/2020/1 and responded with no objections or further comments as a mining proposal had been approved, that incorporated the activities subject to the application which included the TSF lifts (DWERDT360048).

5. Summary of amendments

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 Operational requirements

L5029/1992/11 outlines operational requirements for containment infrastructure largely through specified operation manuals. In this amendment TSF1 and other infrastructure has not been reassessed however, requirements for the operation of TSF2 have been clarified in the 'Infrastructure and equipment requirements' table of the Revised Licence. These conditions have been largely sourced from the *Operating Manual – Tailings Storage Facility No. 2 Kanowna Belle Gold Mine* which the Licence Holder was already required to comply with.

5.2 Seepage management criteria

As construction of infrastructure has been approved, and some reporting requirements of W6433/2020/1 have not been completed or submitted, the following conditions have been transferred to L5029/1992/11 for the ongoing management of groundwater mounding:

- An updated Seepage Management Plan for TSF1 and TSF2
- Ongoing vegetation health assessment for area surrounding TSF2
- Ongoing monitoring and reporting requirements outlined in W6433/2020/1

Conditions pertaining to Stage 2 and 3 embankment raises which replicate Stage 1 conditions, have been devised to allow for construction, contingent on demonstrated groundwater mounding management.

SWL limits and action levels have been applied for bores surrounding TSF1 and TSF2. The timing of when limits and specified actions apply have been staggered to allow time for seepage recovery bores to have an impact and ensure the Licence Holder takes a proactive approach to managing the risks of rising groundwater.

5.3 Reporting

Seepage recovery reporting is required annually in the Revised Licence. These requirements have been imposed to ensure the seepage recovery bores demonstrate sufficient recovery yields and that a more rapid approach is actioned to manage seepage due to the notably shallower standing water level (SWL) in groundwater monitoring wells surrounding TSF2.

Monthly and quarterly reporting has been amalgamated in Schedule 3 of the Revised Licence.

5.4 Administrative amendments

Administrative changes which are associated with the transfer of Works Approval conditions to this Licence have been incorporated into the Licence as well as changes due to the transition of existing licence conditions into the Revised Licence template as discussed in section 2.2. No reassessment of risk has been undertaken.

Included in these administrative changes is a minor amendment to pipeline containment requirements to improve the determination of compliance and match the intent of the condition. No reassessment of risks from tailings pipelines has been made.

5.5 Amendment summary

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

Table 1: Summary of licence amendments

Amended Condition no.	Amendment summary
1	Stage 1 Cell 1 construction condition previously required by W6433/2020/1 and the addition of Stage 2 and Stage 3 construction.
2	Stage 1 Cell 1 construction/installation requirements condition previously required by W6433/2020/1 and the addition of Stage 2 and Stage 3 construction/installation requirements.
3	Construction commencement requirements for Stage 1, Stage 2 and Stage 3.
Table 2	Stage 1 Cell 1 construction/installation requirements table previously required by W6433/2020/1 and the addition of Stage 2 and Stage 3 construction/installation requirements.
4	Construction of Tailings Storage Facility Lift Stage J, moved into authorized works section of the amended licence.
Table 3	Construction requirements for Tailings Storage Facility Lift Stage J, moved into authorized works section of the amended licence.
5 & 6	Stage 1 Cell 1 compliance reporting conditions previously required by W6433/2020/1 and the addition of Stage 2 and Stage 3 compliance reporting. Compliance reporting for Tailings Storage Facility Lift Stage J has also been consolidated into these conditions however no changes have been made to the requirements of this compliance reporting from the previous licence.
9	Infrastructure operational requirements.
Table 4	TSF2 operational requirements. Updated figures.
-	Removal of monitoring of point source emissions to air condition, replaced with condition

	19.
Table 6	Changes to operational requirements for the management of arsenic trioxide waste.
19	Update of point source emissions to air monitoring condition.
Table 9	Amalgamation of point source emissions to air limits and point source emissions to air monitoring tables including sampling standards.
Table 10	Amalgamation of ambient groundwater quality monitoring and limits tables.
Table 11	Addition of monitoring actions for TSF1 and TSF2 standing water level.
Table 15	Amalgamation of meteorological monitoring table to include EPP related monitoring point as well as standards for siting of ambient air and meteorological monitoring equipment.
-	Removal of condition outlining method of sampling equipment, incorporated into Table 15.
31	Condition relating to maximum sulfur dioxide concentration moved from notification requirements table to standalone condition.
32	Addition of native vegetation assessment criteria from W6433/2020/1 to vegetation assessment requirements.
33, 35, 36 & 37	Seepage management requirements previously required by W6433/2020/1, and additional conditions to accommodate requirements for groundwater investigation specified actions.
40, 41, 42, 43, 44, 45 & 46	Update to records and reporting conditions.
-	Removal of ambient air and meteorological monitoring equipment requirement, incorporated into Table 15.
Table 16	New conditions included in annual environmental report table.
-	Removal of non-annual reporting requirements table, notification requirements table and associated conditions, incorporated into Schedule 3.
-	Removal of works conditions for Tailings Storage Facility Lift Stage J.
Table 17	Administrative changes to definitions table as required.
Schedule 3	Monthly reporting requirements incorporated into Schedule 3.

References

1. Department of Environment Regulation (DER) 2015, *Guidance Statement: Setting Conditions*, Perth, Western Australia.
2. Department of Water and Environmental (DWER) 2020, *Amended Works Approval W6433/2020/1 and Decision Report for Kanowna Belle Gold Mine*
3. Department of Water and Environmental Regulation (DWER) 2020, *Guideline: Environmental Siting*, Perth, Western Australia.
4. DWER 2020, *Guideline: Risk Assessments*, 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
Conditions relating to authorised works	<p>29/09/2022</p> <p>The Licence holder requested to remove conditions pertaining to Stage 1 Cell 1 embankment lift due to the authorisation currently held under Works Approval W6433/2020/1.</p> <p>Licence holder also requested for TSF1 Tailing storage Facility Lift Stage J to remain under Authorised Works.</p>	<p>The Delegated Officer notes that this is currently authorised, however, no changes have been made to Works Approval conditions and they have now been consolidated under one regulatory instrument. All conditions pertaining to Stage 1 embankment raise have been transferred to this licence.</p> <p>TSF1 Tailing storage Facility Lift Stage J has been included in the licence.</p>
<p>Conditions relating to monitoring and limits</p> <p>Table: Monitoring of ambient groundwater quality and groundwater quality limits</p>	<p>29/09/2022</p> <p>The Licence Holder has requested that SWL limit of 3 mBGL commencing January 2024 be removed and SWL of 2 mBGL only apply to specific bores that are located furthest from the TSFs and for the limit to not be imposed until June 2023 to allow for the seepage recovery bores to have been operational for 12 months.</p> <p>The Licence Holder also requests that the Waldon In-Pit TSF SWL spot sampling frequency be amended from monthly to quarterly in line with the Red Hill In-Pit TSF as deposition of tailings has ceased and groundwater levels have stabilised.</p>	<p>The Delegated Officer considers that SWL is adequately managed through monitoring action level conditions and agrees to amend the condition so that a limit of 2 mBGL applies to distal bores as specified and that the limit commences in June 2023 to allow for seepage recovery bores to demonstrate effective SWL reduction.</p> <p>The Delegated Officer accepts the change from monthly spot sampling to quarterly for the Waldon In-Pit TSF SWL.</p>
<p>Conditions relating to monitoring actions</p> <p>Table: Monitoring actions</p>	<p>29/09/2022</p> <p>The Licence Holder requests that the monitoring action triggered by TSF1 bores reaching a SWL of 2 mBGL be changed from ceasing deposition to a hydrogeological investigation be commenced, with the aim of installing additional seepage recovery bores, and for it to only apply to specific bores.</p> <p>The Licence Holder requests that the monitoring action triggered by TSF2 bores reaching a SWL of 6 mBGL be removed and implemented instead for a SWL of 4 mBGL. The Licence Holder also requests that seepage recovery management action from January 2023 be removed as the seepage recovery bores are already operational.</p> <p>The Licence Holder requests that the monitoring action triggered by TSF2 bores</p>	<p>The Delegated Officer notes that some bores are already exceeding 6 mBGL and agrees to amend this monitoring action level to 4 mBGL, for monitoring to increase from monthly to fortnightly.</p> <p>The Delegated Officer considers that the action levels be amended to differentiate between distal and proximal bores. Deposition of tailings is to cease at 2 mBGL for bores that are furthest from TSF1 and TSF2, along with the specification that the action is required after 3 consecutive fortnightly exceedances. A groundwater investigation is to be undertaken for all other bores that reach a trigger level of 2 mBGL.</p> <p>For bores that reach a trigger level of 3 mBGL management</p>

Condition	Summary of Licence Holder's comment	Department's response
	<p>reaching a SWL of 2 mBGL either be removed or changed from ceasing deposition to a hydrogeological investigation be commenced, with the aim of installing additional seepage recovery bores, and for it to only apply to specific bores. The reason for this is to avoid shutdown of the processing plant and excess volumes of water ponding due to no decant water being returned from TSF2.</p>	<p>actions will align with the updated Kanowna Belle Seepage Management Plan – TSF1 & TSF2.</p>
	<p>17/10/2022 meeting between Licence Holder and DWER</p> <p>The Licence Holder expressed concerns about the ceasing of tailings into the TSFs at 2mBGL as the bores closest to the TSF may not remain within limits in the short term while the Seepage Recovery Bores are coming into effect. It was requested that the condition be separated out for distal and proximal bores as bores furthest from the TSF are more of an indicator of SWL at the receptor</p>	<p>The Delegated Officer acknowledges that the furthest bores are a more directly relevant indicator of SWL at the receptor, and considers that conditions relating to management action levels can be specified separately for distal and proximal bores. The management action level will also only be triggered after 3 consecutive fortnightly exceedances to allow for sampling error or data inaccuracy.</p> <p>The Delegated Officer considers that proximal bores action level trigger exceedances can be managed with a hydrogeological/groundwater investigation as suggested by the Licence Holder in comments on the original draft.</p>
	<p>20/12/2022 comments on second draft</p> <p>The Licence Holder requests that the monitoring action triggered by TSF1 and TSF 2 distal bores reaching a SWL of 2 mBGL be changed from ceasing deposition to a hydrogeological/groundwater investigation be commenced after 4 consecutive fortnightly exceedances due to operational impacts of shutting down the processing plant to cease tailings. The Licence holder considers that conditions relating to seepage management in the licence are sufficient without imposing the requirement to cease discharge.</p> <p>The Licence Holder requests that the monitoring action triggered by TSF1 and TSF 2 proximal bores reaching a SWL of 2 mBGL be removed and believes that the hydrogeological/groundwater investigation requirement should be imposed on distal bores only and no monitoring action be required for the proximal bores.</p>	<p>The Delegated Officer acknowledges the Licence Holders comments regarding the cessation of tailings deposition and the potential impact to the ongoing recovery of seepage water. The Delegated Officer notes however, that should seepage surrounding the TSF continue, options that include the cessation of tailings deposition should be considered, along with other seepage management options. In considering and modifying the requirements of the action levels, the Delegated Officer has updated and expanded the requirements of condition 36 to require the Licence Holder consider numerous strategies for the ongoing management of seepage, should it be triggered.</p> <p>The Delegated Officer also acknowledges the comments made by the Licence Holder regarding the SWL trigger levels, however, considers that the risks of groundwater mounding are likely to increase with further embankment raises. Maintaining ongoing monitoring and management controls for rising groundwater risks is therefore considered important. The Delegated Officer considers that these controls are required for both proximal and distal monitoring bores to the TSF's, as this will allow management controls to be implemented in a staged manner as required. The Delegated Officer notes that</p>

Condition	Summary of Licence Holder's comment	Department's response
		initial limits were modified to incorporate relevant monitoring action level conditions and therefore it is important that these conditions remain, as discussed with the Licence Holder on 17/10/2022. It is noted that the risks associated with seepage from the TSF's will continue to be monitored (via the review, update and submission of native vegetation monitoring data, as well groundwater monitoring and seepage data), and these will continue to be considered in the management of seepage risks at the premises.
Conditions relating to seepage monitoring and management	<p>29/09/2022</p> <p>The Licence Holder has requested that the due date for the Seepage Management Plan be changed from 30 days of the licence issue to 1 June 2023. This is to align with the seepage recovery bores to have been operational for 12 months, noting that controls have also been outlined in the licence as conditions. Monthly groundwater monitoring results are already submitted to DWER on a quarterly basis.</p>	The Delegated Officer accepts the change of the due date for the Seepage Management Plan.
	<p>20/12/2022 comments on second draft</p> <p>The Licence Holder has requested that the requirement for a hydrogeological/groundwater investigation report to be submitted within 60 days of a specified action trigger exceedance, be changed to 90 days.</p>	The Delegated Officer accepts the change of the timeframe of hydrogeological/groundwater investigation report submission.
Conditions relating to records and reporting	<p>29/09/2022</p> <p>The licence Holder requests that the condition relating to actions levels be removed from the requirement to report any non-compliance within 7 days as it will create an excessive administrative burden and proposes that the 7-day reporting on such be applicable only to limits.</p> <p>The Licence Holder also requests that the AACR be due at the same time as the AER, as per the current licence. This would be 30 March, rather than 30 days from the end of the annual period (30 Jan).</p>	<p>The Delegated Officer accepts the removal of the requirement to report this non-compliance within 7 days and instead has changed the requirement for it to be included in the AER.</p> <p>The Delegated Officer accepts the change of the submission due date for the AACR, so that it aligns with the submission due date of the AER.</p>
Schedule 1: Maps	<p>29/09/2022</p> <p>The Licence Holder requests that the figures be replaced with updated figures now provided.</p>	Noted, these changes have been accepted.
Schedule 3:	<p>29/09/2022</p>	Noted, these changes have been accepted.

Condition	Summary of Licence Holder's comment	Department's response
Monthly reporting	<p>The Licence Holder requests that the requirement for meteorological monitoring to be recorded in parts per million (ppm) be removed as there are no meteorological parameters measured in the unit ppm.</p> <p>The Licence Holder also requests reference to 'roasters' be changed to 'roaster' as there is only a single roaster at the Premises.</p>	
Administrative changes	<p>29/09/2022</p> <p>The Licence Holders has requested administrative changes that have not altered conditions.</p>	Noted, these changes have been accepted.

Appendix 2: Application validation summary

SECTION 1: APPLICATION SUMMARY				
Application type				
Amendment to licence	<input checked="" type="checkbox"/>	Current licence number:	L5029/1992/11	
		Relevant works approval number:	W6433/2020/1	N/A <input type="checkbox"/>
Date application received		20 December 2021		
Applicant and Premises details				
Applicant name/s (full legal name/s)		Northern Star (Kanowna) Pty Limited		
Premises name		Kanowna Belle Gold Mine		
Premises location		Tenements: M27/18,22,23,37,49,57,92,103,122,123,127,159,164,232,245,287,420 and L27/87,83,62		
Local Government Authority		City of Kalgoorlie-Boulder		
Application documents				
HPCM file reference number:		DER2015/002027		
Key application documents (additional to application form):		Construction Compliance Report		
Scope of application/assessment				
Summary of proposed activities or changes to existing operations.		For the transition of Works Approval W6433/2020/1 for operations of KB TSF2 Cell 2 Stage 1 raise, as well as Stage 2 and 3 embankment raises, to Licence L5029/1992/11		
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		
Category 05: Processing or beneficiation of metallic or non-metallic ore	2,500,000 tonnes per annum	N/A		
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"/>	Referral decision No:		
		Managed under Part V <input type="checkbox"/>		
		Assessed under Part IV <input type="checkbox"/>		
Does the applicant hold any existing Part IV Ministerial Statements relevant to the application?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Ministerial statement No: 331		
		EPA Report No:		
Has the proposal been referred and/or assessed under the EPBC Act?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Reference No:		

Has the applicant demonstrated occupancy (proof of occupier status)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	As per Geocortex – all mining tenements leased to Northern Star (Kanowna) Pty Limited: M27/92 2030, M27/37 2029, M27/123 2031, M27/127 2031, M27/18 2027, M27/57 2029, M27/287 2024, M27/22 2027, M27/23 2027, M27/245 2041, M27/122 2032, M27/164 2035, M27/103 2031, M27/159 2034, M27/49 2025, M27/420 2025, M27/232 2030, L27/62 2023, L27/83 2035, L27/87 2034
Has the applicant obtained all relevant planning approvals?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Approval: Expiry date: If N/A explain why?
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: 7808/1 Clearing not applied for under this application
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"/>	Application reference No: N/A Licence/permit No: N/A
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"/>	Application reference No: N/A Licence/permit No: GWL 62498
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: N/A Type: Has Regulatory Services (Water) been consulted? Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
Is the Premises situated in a Public Drinking Water Source Area (PDWSA)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Name: N/A Priority: P1 / P2 / P3 / N/A Are the proposed activities/ landuse compatible with the PDWSA (refer to WQPN 25)? Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
Is the Premises subject to any other Acts or subsidiary regulations (e.g. <i>Dangerous Goods Safety Act 2004</i> , <i>Environmental Protection (Controlled Waste) Regulations 2004</i> , <i>State Agreement Act xxxx</i>)	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A
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"/>	Classification: N/A Date of classification: N/A	