



Application for Licence Amendment

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

Licence Number	L6420/1988/14
Licence Holder	Kalgoorlie Consolidated Gold Mines Pty Ltd
ACN	009 377 619
File Number	DER2015/002506-1
Premises	<p>Fimiston Processing Plant</p> <p>Tenements G26/15, G26/44-68, G26/70-71, G26/73–78, G26/82-86, G26/99-107, G26/138-145, G26/149, G26/159, G26/160, G26/165, G26/166, L26/267, M26/39, M26/46, M26/78, M26/86, M26/95, M26/267-268, M26/294, M26/308, M26/326, M26/359, M26/377, M26/383, M26/405, M26/448, M26/451 M26/715, M26/81, M26/83, M26/86, M26/266, M26/267, M26/294, M26/326, M26/373, M26/379, M26/454, M26/518, M26/748, and M26/800</p> <p>KALGOORLIE WA 6430</p> <p>As defined by the Premises map attached to the Revised Licence</p>
Date of Report	23 October 2023
Decision	Revised licence granted

**A/Manager, Resource Industries
REGULATORY SERVICES**

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

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1. Decision summary

Licence L6420/1988/14 is held by Kalgoorlie Consolidated Gold Mines Pty Ltd (KCGM; Licence Holder) for the Fimiston Processing Plant (the Premises), located within mining tenements G26/15, G26/44-68, G26/70-71, G26/73-78, G26/82-86, G26/99-107, G26/138-145, G26/149, G26/159, G26/160, G26/165, G26/166, L26/267, M26/39, M26/46, M26/78, M26/86, M26/95, M26/267-268, M26/294, M26/308, M26/326, M26/359, M26/377, M26/383, M26/405, M26/448, M26/451 M26/715, M26/81, M26/83, M26/86, M26/266, M26/267, M26/294, M26/326, M26/373, M26/379, M26/454, M26/518, M26/748, and M26/800, Kalgoorlie, Western Australia.

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, Revised Licence L6420/1988/14 has been granted.

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 19 May 2023, the Licence Holder submitted an application to the department to amend Licence L6420/1988/14 under section 59 and 59B of the *Environmental Protection Act 1986* (EP Act). The following amendments are being sought:

- Authorisation to construct and operate Fimiston I TSF to stage 4 height (from 49m to 52 m).
- Authorisation to construct and operate Fimiston II TSF to stage 4 height (AB paddock from 51m to 54, C paddock from 53m to 56m, and D paddock from 51m to 54m).
- Realignment of the location of the inert landfill disposal area due to changes in the waste rock dump and pit shell over time. This also includes the adding of additional mining tenements to the premises boundary to encompass the waste rock dump which was originally not included in the licenced premises boundary.

No changes to the aspects of the existing Licence relating to Categories 12, 54, and 64 have been requested by the Licence Holder.

2.3 Proposed work

2.3.1 Construction and operation of Fimiston I and II TSFs

The construction and operation of Fimiston I TSF to stage 7 (60m) was assessed in Amendment Notice 1, issued 15 December 2017. The progressive embankment raises up to 60m at Fimiston II TSF has been authorised via a Licence Amendment issued on 05 April 2006. However, it has been advised that the Licence Holder should submit licence amendment applications, accompanied by compliance documentation for earlier stages, to progress with the remaining embankment stages. In accordance with that advice, the Licence Holder has submitted a Licence Amendment application seeking authorisation to construct and operate Fimiston I and Fimiston II TSFs Stage 4 heights.

KCGM has an established process of applying for incremental embankment wall raises (in 3m increments) of existing TSFs through Licence amendments. These embankment raises equates to 2 construction events of 1.5m lifts. The cells on the TSFs are operated in a sequential manner

so that it allows sufficient drying time for each individual cell. Tailings is discharged into one cell whilst the tailings in the previous cell are allowed to dry and consolidate while the embankment raise of the next cell is completed. As a result of that process, Stage 2 of Fimiston I and II needs to be constructed and demonstrate compliance to apply licence amendment to construct Stage 4 of both TSFs. The compliance documentation received by the Department for the construction of the Fimiston I and Fimiston II TSFs Stage 2 and 3 are as follows:

- Fimiston I TSF Stage 2 construction compliance Report (received 30 January 2023; Partial compliance demonstrated 09 June 2023);
- Fimiston I TSF Stage 2 construction compliance Report – further information (received 06 July 2023; Compliance demonstrated 11 July 2023);
- Fimiston II TSF Stage 2 construction compliance Report (received 22 May 2023; Compliance demonstrated 6 June 2023);
- Fimiston I TSF Stage 3 construction compliance Report (received 9 June 2023 and 6 July 2023; Compliance demonstrated 11 July 2023);

2.3.2 Seepage and groundwater management at Fimiston TSFs

KCGM has an existing Fimiston Seepage and Groundwater Management Plan (FSGMP) as required by the current operating licence L6420/1988/14. The FSGMP has specific trigger values and also specified management actions to control and manage any potential groundwater mounding impacts due to seepage issues. By implementing the FSGMP, the Licence Holder manages seepage and groundwater around the TSFs by;

- Recovering seepage by usage of production bores and seepage interception trenches
- Minimising the normal operating supernatant pool area on the Fimiston TSFs
- Monitoring groundwater levels within surrounding groundwater monitoring bores in accordance with the licence conditions

The licence holder is required to monitor the groundwater levels quarterly and is required to report to the department on a quarterly basis. Also, on annual basis, the FSGMP is required to be audited by a suitably qualified personal to ensure that the objectives of the management plan are still being achieved and are appropriate.

Review of the two recent quarterly groundwater reports for the Fimiston TSFs (Q1 and Q2, 2023) show that the Licence Holder is successfully implementing the FSGMP to manage and maintain the groundwater levels below 4 metres below ground level (mbgl). However, MB F72 bore has reported groundwater depths of between 4mbgl and 6mbgl in the Q2, 2023. It is considered that seepage could be potentially the direct cause of shallowing of this bore. Thus, the Licence Holder has increased pumping to full capacity near this bore. Also, a drilling program is planned to install new production bores around the MB F72.

The only beneficial usage of the groundwater around the area is for mining and mineral processing. The natural groundwater in the area is saline which is similar to the seepage from the TSFs.

2.3.3 Realignment of the location of the inert landfill disposal area

KCGM has an existing landfill approval for Category 63 for Type I (inert waste) and Type 2 waste (used tyres) disposal at selected areas in waste rock landforms.

Category 64 disposal of mineralised rock sample waste, produced by a local service provider (Bureau Veritas) after analysis of KCGM's samples, was also added to the licence in 2020.

An adjustment to the location for waste disposal within the existing Fimiston Waste Rock Dump (WRD) is requested. Changes on the WRD over time and changes to the pit shell have resulted in a misalignment between the location of approved waste disposal areas and actual areas available for disposal.

No changes to the approved quantities or cover requirements are proposed.

The premises boundary is also required to be amended to include the waste rock dump area where the new landfill disposal area is located. Figure 1 below shows the new areas to be added to the boundary.

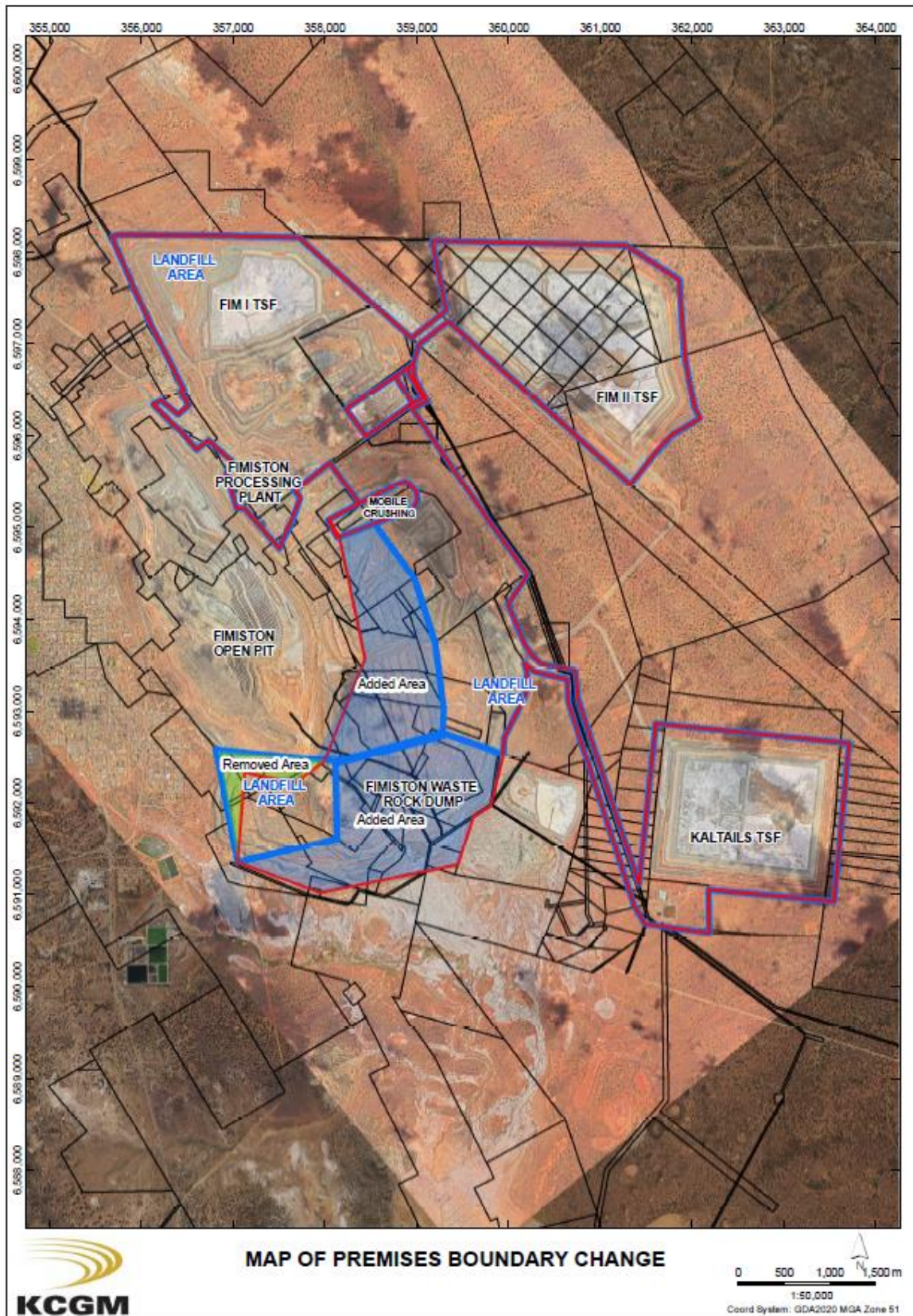


Figure 1: changes to premises boundary

2.4 Part IV of the EP Act

In 1991, the Environmental Protection Authority (EPA) assessed a proposal by KCGM to rationalise open-cut mining activities into a single operation, now known as the Superpit (EPA, 1991), with Ministerial Statement 0782 providing approval for implementation of the proposal. The revised proposal was assessed by the EPA in 2007.

The landfill area is located under the “mining area” in accordance with the Ministerial Statement 0782 and consist of conditions that restrict the Licence Holder to dump waste within 500 metres from residences. It also required to prepare and implement a management plan for waste dumping to ensure that there is no unacceptable detrimental effect on the residents.

The Tailings Storage Facilities are located outside the mining area and TSFs have their own activity area.

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.

3.1 Source-pathways and receptors

3.1.1 Emissions and controls

The key emissions and associated actual or likely pathway during premises construction and operation which have been considered in this Amendment Report are detailed in Table 1 below. Table 1 also details the proposed control measures the Licence Holder has proposed to assist in controlling these emissions, where necessary.

Table 1: Licence Holder controls

Emission	Sources	Potential pathways	Proposed controls
Construction			
Dust	Construction works of Fimiston TSF I and II stage 4 embankment lifts	Air/windborne pathway	<ul style="list-style-type: none"> • Use of water trucks and water cannons in the construction areas that produce dust. • Monitoring current and forecast weather conditions using daily forecasts and real time wind speed and direction monitoring data to plan work activities. • Use of additional dust control measures where practical (e.g. a dust binding agent). • Ensuring dust monitoring is undertaken, that the data is assessed in real time, and the results of the monitoring are reviewed and reported on.
Noise			<ul style="list-style-type: none"> • None proposed • The Licence Holder should comply with the requirements of the <i>Environmental</i>

			<i>Protection (Noise) Regulations 1997.</i>
Operation			
Tailings with cyanide and elevated metals and metalloids	Deposition of tailings	Seepage through base of the TSF	<ul style="list-style-type: none"> Implementation of Fimiston Seepage and Groundwater management plan (FSGMP) with comprehensive seepage recovery system using production bores and seepage interception trenches. Monitoring groundwater levels in accordance with the current operating licence L6420/1988/14. Review the potential cause of the change in the groundwater and increase pumping capacity when the groundwater level reach >4 mbgl and <6 mbgl.
		Direct discharge due to overtopping or embankment failures	<ul style="list-style-type: none"> Maintaining normal operating supernatant pool area below a maximum of 20% of the total surface area. In the event that the size of the supernatant pool becomes greater than the target size due to rainfall, decant water from the TSFs will be used as a priority for mineral processing in preference. <p>Current licence conditions require;</p> <ul style="list-style-type: none"> A minimum top of embankment freeboard of 300mm to be maintained. Daily visual inspections to ensure the supernatant pool size is maintained.
Decant water or tailings	Transferring decant, underdrainage and tailings through pipelines	Direct discharge of decant water/tailings from pipeline rupture or leak	<p>Current licence conditions require;</p> <ul style="list-style-type: none"> Pipelines to be equipped with automatic cut-outs in the event of a pipe failure or pipelines to be provided with secondary containment sufficient to contain any spill for a period equal to the time between routine inspection. Daily visual inspection to ensure integrity.
Putrescible material	Disposing putrescible waste	Seepage through landfill cells	<p>Current licence conditions require:</p> <ul style="list-style-type: none"> Waste to be disposed of only within the landfill area shown on the Premises Map in Schedule 1. Waste to be placed in a defined trench or within an area defined by earthen bunds. Active tipping are to be restricted maximum linear length of 30 metres. Construction, operation and decommission of landfill cells can occur within the defined landfill area providing there is no waste within 100m of any surface water body and 3m of the highest

			of the water table aquifer.
Windblown waste	Disposing of waste	Air dispersal	<p>Current licence conditions require:</p> <ul style="list-style-type: none"> • All waste to be covered by inert material within three months of disposal • Windblown waste is to be collected at least monthly and returned to active tipping area.

3.1.2 Receptors

In accordance with the *Guideline: Risk assessments* (DWER 2020), the Delegated Officer has excluded employees, visitors and contractors of the Licence Holder's from its assessment. Protection of these parties often involves different exposure risks and prevention strategies and is provided for under other state legislation.

Table 2 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 2020)).

Table 2: Sensitive human and environmental receptors and distance from prescribed activity

Human receptors	Distance from prescribed activity
Residential receptors	Located at western edge of Fimiston Open Pit; approximately 1.8 km to the West of the TSF I and approximately 4.5 km to the West of the TSF II
Environmental receptors	Distance from prescribed activity
Underlying groundwater (non-potable purposes) <i>R/VI Act 1914</i> Proclaimed Groundwater area	Located within the Goldfields Groundwater Area. Groundwater is hypersaline. Depth ranging from 5-20mbgl have been recorded in the TSF compliance monitoring bores.
Native vegetation (no conservation significant vegetation species; potentially affected vegetation communities widespread regionally)	Adjacent to the Fimiston I TSF mostly to the west and around the Fimiston II TSF.

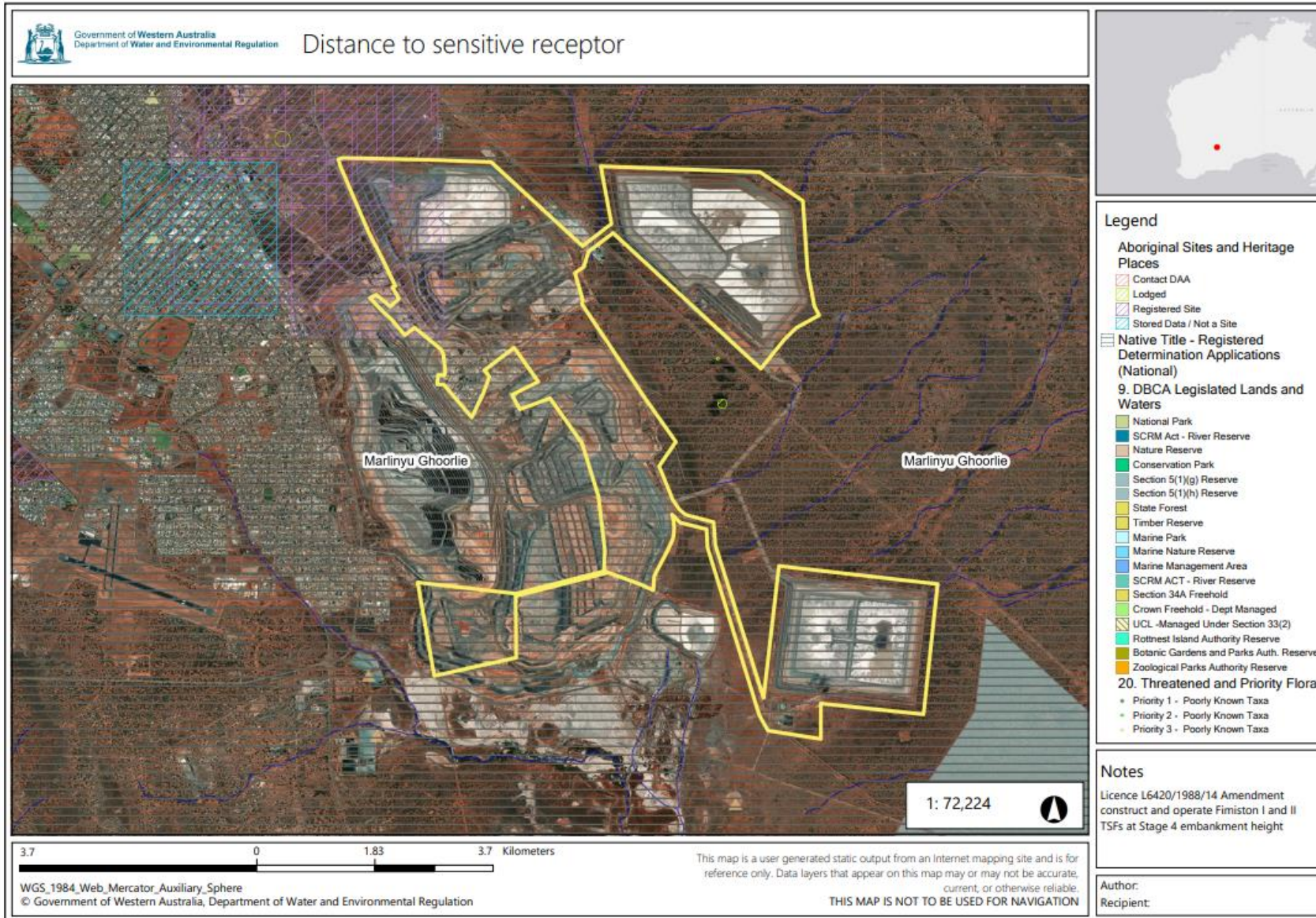


Figure 2: Distance to sensitive receptors

Licence: L6420/1988/14

3.2 Risk ratings

Risk ratings have been assessed in accordance with the *Guideline: Risk Assessments* (DWER 2020) 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 in-complete 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 3.

The Revised Licence L6420/1988/14 that accompanies this Amendment Report authorises emissions associated with the operation of the Premises i.e. category 5 activities.

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

Table 3. Risk assessment of potential emissions and discharges from the Premises during construction and operation

Risk Event					Risk rating ¹ C = consequence L = likelihood	Licence Holder's controls sufficient?	Conditions ² of licence	Justification for additional regulatory controls
Source/Activities	Potential emission	Potential pathways and impact	Receptors	Licence Holder's controls				
Construction								
Category 5: Construction works of Fimiston TSF I and II stage 4 embankment lifts	Dust	Air/windborne pathway causing impacts to health and amenity	Residences approximately 1.8 km to the West of the TSF I and approximately 4.5 km to the West of the TSF II	Refer to Section 3.1.1	C = Slight L = Unlikely Low Risk	Y	Existing Condition 2: Construction requirements - Fimiston II TSF embankment raises Existing Condition 4: Construction of Fimiston I TSF embankment raises	Tha TSFs are located away from the Kalgoorlie-Boulder town area. It is considered that minimal dust emission are expected to be generated due to the scale and the time duration of the proposed construction works and the controls implemented by the licence holder. No additional regulatory controls are not required.
	Noise			Refer to Section 3.1.1	C = Slight L = Unlikely Low Risk	Y	N/A	No additional regulatory controls are not required
Operation								

<p>Category 5: Operation at Fimiston TSF I and II stage 4 design heights.</p> <p>Activity: deposition of tailings</p>	<p>Tailings with cyanide and elevated metals and metalloids</p>	<p>Tailings seepage through base and embankments of the Stage 4 of Fimiston TSF I and II into soil and groundwater</p> <p>Impacts: Mounding of groundwater inundating vegetation rootzones</p> <p>Contamination of groundwater</p>	<p>Native vegetation in the vicinity</p> <p>Groundwater</p>	<p>Refer to Section 3.1.1</p>	<p>C = Moderate L = Unlikely Medium Risk</p>	<p>Y</p>	<p>Existing Condition 7: Infrastructure and equipment requirements</p> <p>Existing Condition 10: Inspection of Infrastructure requirements</p> <p>Existing Condition 24: Monitoring of ambient groundwater quality with SWL limits</p> <p>Existing Condition 25: Implementation of FSGMP</p> <p>Existing Condition 26: Auditing and reviewing of FSGMP</p> <p>Existing Condition 27: Seepage and Groundwater Management actions</p>	<p>As outlined in section 2.3.2 of this report the licence requires KCGM to implement a seepage and groundwater management plan (FSGMP) for the Fimiston TSFs. The FSGMP has trigger values for standing water levels around the TSFs which are needed to be managed and maintained. In the event of reaching these trigger values, management actions are required to be taken to reduce groundwater levels to prevent impacts to surrounding native vegetation. A root investigation conducted by the Botanica Consulting in 2009, found that the majority of roots of the surrounding native vegetation occur within the top 1 m of the soil profile, so that maintaining this groundwater depth has been effective in protecting vegetation in the vicinity of the TSFs.</p> <p>Considering the above facts, it can be considered that authorising construction and operation Fimiston I and II TSFs at Stage 4 operating heights do not initiate any additional risks to the environment other than increasing the likelihood of reaching the management trigger levels of the FSGMP.</p> <p>Review of the two recent quarterly groundwater reports for the Fimiston TSFs (Q1 and Q2, 2023) show that the Licence Holder is successfully implementing the FSGMP to manage and maintain the groundwater levels below 4 metres below ground level (mbgl). However, MB F27 bore has reported groundwater depths of between 4 and 6mbgl in the Q2, 2023. It is considered that seepage could be potentially the direct cause of shallowing of this bore. Thus, the Licence Holder has increased pumping to full capacity near this bore. Also, a drilling program is planned to install new production bores around the MB F72.</p> <p>The existing regulatory controls and management actions have been determined to be adequate to manage any ongoing impacts from the seepage from the TSFs operating at an increased height.</p> <p>No additional regulatory controls are required.</p>
		<p>Direct discharge to land via tailings overtopping from Stage 4 of Fimiston TSF I and II</p> <p>Impacts: Causing impacts to vegetation health</p> <p>Soil contamination</p>	<p>Native vegetation in the vicinity</p>	<p>Refer to Section 3.1.1</p>	<p>C = Major L = Rare Medium Risk</p>	<p>Y</p>	<p>Existing Condition 9: TSFs operating freeboard requirements</p> <p>Existing Condition 10: Inspection of Infrastructure requirements</p>	<p>Operating Licence L6420/1988/14 has a condition in relation to maintaining minimum embankment freeboard of 300mm in all TSFs at the premises. Also, Licence Holder is required to conduct daily visual inspections to confirm that the required minimum freeboard capacity is available at the TSFs. Thus, these controls are deemed adequate to manage any potential overtopping risks at the TSFs.</p> <p>Furthermore, as per the FSGMP, the Licence Holder is committed to maintain normal operating supernatant pool area below a maximum of 20% of the total surface area, which then allow holding additional water loading in the event of heavy rainfall. Therefore, these management controls will prevent any risk of overtopping the Fimiston TSFs.</p>
<p>Category 5: Transferring decant and underdrainage tailings through pipelines between TSFs and processing plant</p>	<p>Decant water or underdrainage tailings elevated metals and metalloids</p>	<p>Direct discharge of decant water/tailings from pipeline rupture or leak</p> <p>Impacts: Degradation of soil structure and soil</p>	<p>Native vegetation in the vicinity</p>	<p>Refer to Section 3.1.1</p>	<p>C = Moderate L = Unlikely Medium Risk</p>	<p>Y</p>	<p>Existing Condition 8: Pipeline infrastructure and containment requirements</p> <p>Existing Condition 10: Inspection of Infrastructure requirements</p>	<p>Additional regulatory controls are not required to manage any potential impacts to the environment due to the release of tailings as a result of decant water or underdrainage tailings pipeline rupture or leak. Current licence L6420/1988/14 consists of conditions for the pipelines to be equipped with automatic cut-outs in the event of a pipe failure or pipelines to be provided with secondary containment sufficient to contain any spill for a period equal to the time between routine inspection.</p>

		contamination Impacts to vegetation growth and health						
Category 64: Class II landfill – disposal to additional area	Putrescible material	Seepage through landfill cells	Groundwater	Refer to Section 3.1.1	C = Minor L = Rare Low Risk	Y	Existing Condition 14: Management of waste Existing Condition 15: Cover requirements	The landfill disposal is to be located on the same waste rock dump, but the location will be slightly adjusted to realign with the approved disposal area. The Licence Holder has not proposed any changes to the aspects of Category 63 and 64 of the current licence. The waste management measures, and cover requirements will be remained same. No additional regulatory controls are required.
	Windblown waste	Air dispersal	Vegetation	Refer to Section 3.1.1	C = Slight L = Unlikely Low Risk	T	Existing Condition 15: Cover requirements Existing Conditions 16 and 17: Windblown waste management measures	

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

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 4 provides a summary of the consultation undertaken by the department.

Table 4: Consultation

Consultation method	Comments received	Department response
Local Government Authority- City of Kalgoorlie Boulder – advised of proposal on 19 July 2023	No response received.	N/A
Department of Mines, Industry Regulation and Safety (DMIRS) advised of proposal on 19 July 2023	DMIRS replied on 31 July 2023 confirming that “Fimiston I TSF Height Increase mining proposal Reg ID 67695 was approved on 7 August 2017 for the increase the embankment height of the Fimiston I TSF from the previously approved height of 40 m to a maximum embankment height of 60 m”. Also, DMIRS confirmed that “Fimiston II TSF Height Increase Mining Proposal Reg ID 56261 was approved on 2 February 2016. The proposal was approved for the increase of the height of the Fimiston II TSF to a maximum height of 60 m.” The advice also contained “both proposals were referred to DMIRS Mine Safety Directorate for geotechnical review. Based on the information submitted with the above-mentioned mining proposals, KCGM has generally considered all of the geotechnical aspects relating to the design and construction of the embankment wall raise. Relevant tenement conditions were imposed upon approval of the proposals.”	Noted.
Licence Holder was provided with draft amendment on 28/09/2023	Comments provided 19/10/2023: <ul style="list-style-type: none"> ▪ confirmation on new tenements to be added to the premise boundary. ▪ Correction of minor typos 	Noted.

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 5 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 5: Summary of licence amendments

Condition no.	Proposed amendments
1	Stage 3 replaces with “Stage 4”

Table 1	Operating heights for the Stage 4 of the Fimiston II TSF updated to align with the construction height
3	Stage 3 replaces with "Stage 4"
Table 3	Operating heights for the Stage 4 of the Fimiston I TSF updated to align with the construction height
7 (deleted)	The construction compliance report for the gold room fume extraction system upgrade have been received by the department on 9 January 2023 and was deemed compliant by the department on 4 July 2023. Therefore, these construction conditions are redundant and have been removed from the licence.
8-39	Conditions numbers have updated from 8-39 in the existing licence into 7-38 in the revised licence to match with the new conditions numbering
Table 8-19	Table 8-19 of the existing licence has been updated to Table 7-18 to match with the new table numbering system
37	Upon receiving the construction compliance report for Table 7 infrastructure, "Table 7" removed from the compliance report condition
38	Upon receiving the construction compliance report for Table 7 infrastructure, "Table 7" removed from the compliance report condition
Schedule 1 – Premises Map	Premises Map has updated with a new map to depict the realigned landfill disposal area and expanded premises boundary.

References

1. Email titled "L6420/1988/14 - Kalgoorlie Consolidated Gold Mines Pty Ltd - Fimiston Plant and Tailings Disposal - Application to Amend Licence - Covering email" dated 19/05/2023 authored by Janine Cameron, available at DWER records (DWERDT781978).
2. Email titled "Response to APPLICATION FOR AN AMENDMENT TO LICENCE (L6420/1988/14) – REQUEST FOR FURTHER INFORMATION" dated 30/06/2023 authored by Janine Cameron, available at DWER records (DWERDT800488).
3. DER 2015, Guidance Statement: Setting Conditions, Perth, Western Australia.
4. Department of Water and Environmental Regulation (DWER) 2019, Guideline: Decision Making, Joondalup, Western Australia.
5. DWER 2020(a), Guideline: Risk assessments, Joondalup, Western Australia.
6. DWER 2020(b), Guideline: Environmental siting, Joondalup, Western Australia.

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 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:	L6420/1988/14	
		Relevant works approval number:	N/A	<input checked="" type="checkbox"/>
Registration	<input type="checkbox"/>	Current works approval number:	None	<input type="checkbox"/>
Date application received	19/05/2023			
Applicant and Premises details				
Applicant name/s (full legal name/s)	Kalgoorlie Consolidated Gold Mines Pty Ltd			
Premises name	Kalgoorlie Consolidated Gold Mines			

Premises location	G 2600015, G 2600031, G 2600044, G 2600045, G 2600046, G 2600047, G 2600048, G 2600049, G 2600050, G 2600051, G 2600052, G 2600053, G 2600054, G 2600055, G 2600056, G 2600057, G 2600058, G 2600059, G 2600060, G 2600061, G 2600062, G 2600063, G 2600064, G 2600065, G 2600066, G 2600067, G 2600068, G 2600070, G 2600071, G 2600073, G 2600074, G 2600075, G 2600076, G 2600077, G 2600078, G 2600082, G 2600083, G 2600084, G 2600085, G 2600086, G 2600099, G 2600100, G 2600101, G 2600102, G 2600103, G 2600104, G 2600105, G 2600106, G 2600107, G 2600108, G 2600109, G 2600110, G 2600131, G 2600132, G 2600133, G 2600135, G 2600136, G 2600138, G 2600139, G 2600140, G 2600141, G 2600142, G 2600143, G 2600144, G 2600159, G 2600160, G 2600165, G 2600166, L 2600180, M 2600039, M 2600046, M 2600078, M 2600083, M 2600086, M 2600095, M 2600120, M 2600131, M 2600155, M 2600233, M 2600266, M 2600267, M 2600268, M 2600294, M 2600308, M 2600326, M 2600359, M 2600373, M 2600375, M 2600376, M 2600377, M 2600383, M 2600405, M 2600448, M 2600451, M 2600454, M 2600462, M 2600518, M 2600715, M 2600748, M 2600760, M 2600800, M 2600803, G 2600145, G 2600149
Local Government Authority	City of Kalgoorlie Boulder
Application documents	
HPCM file reference number:	DER2015/002506-1~7
Key application documents (additional to application form):	<ul style="list-style-type: none"> • <i>L6420 Licence Amendment appl cover letter May23</i> • <i>Attachment 1C 220623 NSR-Letter of Authority DWER</i> • <i>Attachment 2 FimistonLic_PremisesBoundary_180523 Prem Bound</i> • <i>Attachment 2a FimistonLic_PremisesBoundary_180523 CHANGE to Prem Bound</i> • <i>Attachment 8 Summary</i> • <i>Attachment 8 Summary(2)</i> • <i>Attachment 8B Fimiston II TSF AB Paddock Compliance Letter</i> • <i>Attachment 8B Fimiston II TSF C Paddock Compliance Letter</i> • <i>Attachment 8B Fimiston II TSF C Paddock Compliance Letter(2)</i> • <i>Attachment 8A Fimiston I TSF Stage II Compliance Report</i> • <i>Attachment 8B Fimiston II TSF D Paddock Compliance Letter(3)</i> • <i>170509 SER_ENV_MPA1989_KCGM Fim I TSF Height Increase [AS110824]_with cover letter [ID67695]</i> • <i>170807 SER_ENV_LTR2032_DMIRS Approval for Fimiston I Height Increase (40-60m)_REG ID 67695</i> • <i>150907 ESR_ENV_MPA1387 Mining Proposal_Fimiston II TSF Height Increase (45-60m) [REGID56261]</i> • <i>160202 SER_ENV_LTR1517_DMP Approval for Fimiston II Height Increase (45-60m)_REG ID 56261</i> • <i>Works A Licence fee calc</i>

Scope of application/assessment		
Summary of proposed activities or changes to existing operations.	<p><i>Licence amendment</i></p> <ul style="list-style-type: none"> To allow construction and operation of Fimiston I TSF to stage 4 height (from 49m to 52 m) To allow construction and operation of Fimiston II TSF to stage 4 height (AB paddock from 51m to 54, C paddock from 53m to 56m, and D paddock from 51m to 54m) Realignment of the location of the inert landfill disposal area due to changes in the waste rock dump and pit shell over time 	
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 or beneficiation of metallic or nonmetallic ore	14 500 000 tonnes per year	No change proposed to the assessed throughputs
Category 12: Screening etc. of material	2 000 000 tonnes per year	
Category 54: Sewage facility	110m ³ per day	
Category 63: Class I inert landfill site	15 000 tonnes per year	
Category 64: Class II putrescible landfill site	10 000 tonnes per year	
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 type="checkbox"/>	A valid Ministerial Statement applies – MS782
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: 782
Has the proposal been referred and/or assessed under the EPBC Act?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Reference No: N/A
Has the applicant demonstrated occupancy (proof of occupier status)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Mining lease / tenement <input checked="" type="checkbox"/> Expiry:
Has the applicant obtained all relevant planning approvals?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Approval: Mining proposals – Reg ID 56261 and 67695
Has the applicant applied for, or have an existing EP Act clearing permit 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 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 type="checkbox"/> No <input checked="" type="checkbox"/>	Licence / permit not required.
Does the proposal involve a discharge of waste into a designated area (as defined in section 57 of the EP Act)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Name: Goldfields Groundwater Area Type: Proclaimed Groundwater Area Has Regulatory Services (Water) been consulted? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Regional office: Goldfields
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: 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 checked="" 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 checked="" type="checkbox"/> No <input type="checkbox"/>	Mining Act 1978 Mines Safety and Inspection Act 1994 Mines Safety and Inspection Regulations 1995
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 type="checkbox"/>	Classification: Possibly contaminated – investigation required (PC-IR) Date of classification: 13 September 2010