



Amendment Notice 2

Licence Number	L8495/2010/2
Licence Holder	Mount Gibson Mining Limited
ACN	074 575 885
File Number:	2010/009798
Premises	Extension Hill Mine Site Mining Tenements G59/30, G59/33, G59/34, L59/68, L59/69, L59/87, M59/338, M59/339, M59/526, M59/454, M59/455 and M59/609. PAYNES FIND WA 6612
Date of Amendment	03/01/2019

Amendment

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

Alana Kidd

Manger, Resource Industries

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

Definitions and interpretation

Definitions

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

Table 1: Definitions

Term	Definition
ACN	Australian Company Number
Amendment Notice	refers to this document
Category/ Categories/ Cat.	categories of Prescribed Premises as set out in Schedule 1 of the EP Regulations
CEO	means Chief Executive Officer. CEO for the purposes of notification means: Director General Department Administering the <i>Environmental Protection Act 1986</i> Locked Bag 33 Cloisters Square PERTH WA 6850 info@dwer.wa.gov.au
Delegated Officer	an officer under section 20 of the EP Act
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> and designated as responsible for the administration of Part V, Division 3 of the EP Act.
DWER	Department of Water and Environmental Regulation
EP Act	<i>Environmental Protection Act 1986</i> (WA)
EP Regulations	<i>Environmental Protection Regulations 1987</i> (WA)
Existing Licence	The Licence issued under Part V, Division 3 of the EP Act and in force prior to the commencement of and during this Review
km	kilometre
Licence Holder Licensee	Mount Gibson Mining Limited
m	metre
mbgl	metres below ground level
mg/L	milligram per litre

MS	Ministerial Statement
Noise Regulations	<i>Environmental Protection (Noise) Regulations 1997 (WA)</i>
Occupier	has the same meaning given to that term under the EP Act.
Prescribed Premises	has the same meaning given to that term under the EP Act.
Premises	refers to the premises to which this Decision Report applies, as specified at the front of this Decision Report.
Risk Event	as described in <i>Guidance Statement: Risk Assessment</i>
ROM	Run of Mine

Amendment Notice

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

This notice is limited only to an amendment for Category 64, addition of Category 63, and change of premises boundary. No changes to the aspects of the existing Licence relating to Categories 5 and 85 have been requested by the Licence Holder.

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

- *Guidance Statement: Setting Conditions (October 2015)*
- *Guidance Statement: Decision Making (February 2017)*
- *Guidance Statement: Risk Assessment (February 2017)*
- *Guidance Statement: Environmental Siting (November 2016)*

Amendment description

On 10 September 2018, Mount Gibson Mining Limited (Mt Gibson Mining) submitted an application to amend Licence L8495/2010/2. The application is to:

- add Mining Tenement M59/455 to the front cover of the Licence;
- include an additional Category 64 putrescible landfill location; and
- add a Category 63 landfill.

Table 2 below outlines the proposed changes to the Licence categories.

Table 2: Proposed category and capacity changes

Category	Category Description	Current approved throughput capacity	Proposed throughput capacity	Description of proposed amendment
5	Processing or beneficiation of metallic or non-metallic ore	5,000,000 tonnes per annual period	No change	No change
63	Class I inert landfill site	Category not on existing licence	12,000 tonnes per annual period	Addition of category 63 landfill
64	Class II putrescible landfill site	150 tonnes per annual period	No change	An additional 64 landfill
85	Sewage facility	48 cubic metres per day	No change	No change

Background

Production of hematite at the Extension Hill Mine began in 2011 and continued until mining was completed in late 2016. Mining then transitioned to the nearby Iron Hill deposit in early 2017, with the ore crushed and screened at the Extension Hill processing plant. Mining at Iron Hill is expected to conclude in late 2018 and the site will operate under care and maintenance until the magnetite operation phase of the project commences.

The purpose of establishing the proposed additional landfills is to enable disposal of putrescible and other waste during site rehabilitation and closure activities; and to designate the decommissioned section of Great Northern Highway as a Category 63 Class I landfill site to allow for the in-situ burial of the road materials. Landfilling is expected to cease in 12 months and the premises then placed in care and maintenance status.

Category 64 landfill siting and management

The category 64 landfill will consist of:

- bunded trenches on the top of the Run of Mine (ROM) pad for putrescible waste and surplus waste; and
- an unlined open disposal site on the ground along the base of the ROM pad for heavy, inert materials.

Waste will be stockpiled, and cover material pushed over the top when the ROM pad is battered down for rehabilitation.

Mount Gibson Mining has a Waste Management Work Instruction with the following design and management criteria:

- Trenches approximately 2 m deep, 2 m wide and 30 m length;
- The landfill area surrounded on all sides with either earthen bunds or temporary fencing to windblown litter and fauna access.
- Access into the landfill area via a lockable gate.
- Separation to groundwater at least 10 m from bottom of trenches and landfill areas;
- Surface water drainage designed to divert clean surface water runoff away from the landfill and contain any contaminated water within the landfill facility.
- Waste covered with a dense, inert and incombustible material as required and at least fortnightly. Covering material sufficient for at least two months stockpiled at the landfill area.
- A firebreak of at least 3 m around the perimeter of the facility; and
- No rubbish to be burnt at the facility with the exception of Emergency Response Team (ERT) fire response training, as per MGX-HSEC-EH-WI-1222 ERT Fire Training. Reporting requirements outlined in the *Environmental Protection (Rural Landfill) Regulations 2002* will be adhered to in the event of an un-authorized fire.

Mount Gibson Mining has stated that the proposed new category 64 landfill will depart from the existing Waste Management Work Instruction in that:

- The tipping area at the base of the ROM pad will not have trenches, surrounding bund or fencing unless it is used for material that may potentially become windblown.
- Lockable gates will not be installed. Mount Gibson Mining considers them impractical and also not necessary “as the area does not contain any stock or scavengers that would be likely to get trapped in the landfill”.

Upon granting of the amendment, the waste management work instruction will be updated to reflect these variations and also include the category 63 landfill.

Other approvals

Other approvals relevant to the amendment are outlined in Table 3.

Table 3: Relevant approvals

Legislation	Number	Approval
<i>Environmental Protection Act 1986 Part IV</i>	Ministerial Statement (MS) 753 for the Mt Gibson Iron Ore Mine and Infrastructure Project.	Issued on 24 October 2007. MS 753 Condition 8-1 required the proponent to submit a Significant Flora Species and Communities Management Plan (the Plan (submitted)).
<i>Mining Act 1978</i>	Not yet submitted at the time of this assessment.	Amendment to Mine Closure Plan - submission planned. The License Holder was seeking approval from the Tenement Holder to rehabilitate the decommissioned road area, prior to submission.

Licence history

Table 4 provides the history of the Licence.

Table 4: Licence history

Instrument	Issued	Description
W4435/2008/1	04/09/2008	Works Approval
L8495/2010/1	20/01/2011	Licence issued
L8495/2010/1	13/10/2011	Licence amendment for general condition updates
L8495/2010/1	30/08/2012	Licence amendment for landfill conditions
L8495/2010/1	20/06/2013	Licence amendment for dust suppression conditions
L8495/2010/1	07/11/2013	Licence amendment to update conditions
L8495/2010/1	12/12/2013	Licence amendment for condition changes
L8495/2010/2	16/01/2014	Licence reissue and conversion to REFIRE format
L8495/2010/2	01/05/2014	Amendment for increase in production and administrative update of conditions.
L8495/2010/2	29/04/2019	Notice of Amendment extended expiry date to 20 January 2031
L8495/2010/2	09/06/2017	Amendment Notice 1 to extend premises boundary to include an additional Category 64 landfill for Iron Hill project operations.
L8495/2010/2	3/01/2019	Amendment Notice 2 for additional short term Cat 64 landfilling at the ROM pad and addition of Category 63 for in-situ burial of decommissioned road.

Location and receptors

Table 5 below lists the closest sensitive land uses to the Prescribed Premises.

Table 5: Receptors and distance from activity boundary

Residential and sensitive premises	Distance from Prescribed Premises
White Wells Homestead	Approximately 15 km west of the premises
Ninghan Station	Approximately 20 km north of the premises

Table 6 below lists the relevant environmental receptors in the vicinity of the Prescribed Premises which may be receptors relevant to the proposed amendment.

Table 6: Environmental receptors and distance from activity boundary

Environmental receptors	Distance from Prescribed Premises
Declared Rare Flora (DRF) - <i>Darwinia masonii</i> , <i>Lepidosperma gibsonii</i> and <i>Eucalyptus synandra</i>	Flora of the Mt Gibson Ranges. Coincides within the premises and local vicinity.
Vulnerable flora - <i>Darwinia masonii</i> and <i>Eucalyptus synandra</i>	Flora of the Mt Gibson Ranges. Coincides with the premises and local vicinity.
Priority 1 Priority Ecological Community (PEC) - Mount Gibson Range vegetation complexes (banded ironstone formation)	Coincides at Extension Hill and Iron Hill and local vicinity.
Specially Protected Fauna - six fauna species	In the vicinity.
East Murchison Groundwater Area	Premises located on the proclaimed Groundwater Area.
Ephemeral lakes	Approximately 4 km south of the premises.
Groundwater – variable - Total Dissolved Solids (TDS) 2,500 to 15,000 milligram per litre (mg/L).	The Licensee has stated that the groundwater table is estimated to be greater than 40 metres below ground level (mbgl) at the location of the Cat 64 putrescible landfill.
Surface water	No surface water bodies within 1 km
Ephemeral lakes	Approximately 4 km south of the premises.
Minor ephemeral water courses	More than 1 km from the landfills.

Risk assessment

Tables 7 and 8 below describe the Risk Events associated with the amendment consistent with the *Guidance Statement: Risk Assessments*. Both tables identify whether the emissions present a material risk to public health or the environment, requiring regulatory controls.

Table 7: Risk assessment for proposed amendments during construction

Risk Event					Consequence rating	Likelihood rating	Risk	Reasoning
Source/Activities	Potential emissions	Potential receptors	Potential pathway	Potential adverse impacts				
Category 63 and Category 64 landfills Earthmoving	Fugitive dust	Closest sensitive land use is 15 km away.	Air	Health and amenity impacts.	Slight Minimal on-site impacts	Rare The risk event will only occur in exceptional circumstances	Low	Distance to closest sensitive land use.
	Fugitive dust	DRF and Priority 1 Priority Ecological Community (PEC).	Air	Reduction in health and viability of priority receptors.	N/A	N/A	N/A	Outside of scope: regulated under Part IV of the EP Act.
	Noise	Closest sensitive land use is 15 km away.	Air	Amenity impacts	Slight Minimal on-site impacts	Rare The risk event will only occur in exceptional circumstances	Low	Distance to closest sensitive land use. <i>The Environmental Protection (Noise) Regulations 1997 (Noise Regulations) apply.</i>

Table 8: Risk assessment for proposed amendments during operation

Risk Event					Consequence rating	Likelihood rating	Risk	Reasoning
Source/Activities	Potential emissions	Potential receptors	Potential pathway	Potential adverse impacts				
Category 63 and 64 landfills: Burial of waste.	Fugitive dust	Closest sensitive land use is 15 km away.	Air	Health and amenity impacts	Slight Minimal on-site impacts local scale	Rare The risk event will only occur in exceptional circumstances.	Low	Distance to closest sensitive land use.

	Fugitive dust	DRF and Priority 1 Priority Ecological Community (PEC).	Air – direct deposit	Reduction in health and viability of priority receptors. Impacts on photosynthesis.	N/A	N/A	N/A	Outside of scope: regulated under Part IV of the EP Act.
	Noise	Closest sensitive land use is 15 km away.	Air	Amenity impacts	Slight Minimal on-site impacts	Rare The risk event will only occur in exceptional circumstances.	Low	Distance to closest sensitive land use. The Noise Regulations apply.
	Odour from uncovered and/or windblown waste.	Closest sensitive land use is 15 km away.	Air	Amenity impacts	Slight Minimal on-site impacts	Rare The risk event will only occur in exceptional circumstances.	Low	Distance to closest sensitive land use.
	Odour from uncovered and/or windblown waste.	Scavengers attracted to odorous waste as a food source.	Air	Impacts to terrestrial ecosystems due to increase in scavenger species	Moderate Mid-level on site impacts	Unlikely The risk event will probably not occur in most circumstances	Medium	<u>Applicant controls</u> A relatively small amount of waste will consist of odorous waste (Putrescibles estimated at 70 tonnes per year). Decommissioning of landfills is expected after 12 months of operation. Category 64 waste for burial on top of the ROM pad will be surrounded by earthen bunds or be fenced to restrict windblown waste. Putrescible waste will be covered by a minimum of 500mm inert material. Waste disposed on the ground along the base of the ROM pad landfill area, will consist of Inert

							<p>materials only.</p> <p>Waste buried at the Category 63 landfill area will consist of broken road (not odorous).</p> <p>The management plan submitted in compliance with MS 753 condition 8-1 includes feral animal management.</p> <p><u>Decision and reason</u> To manage the impact of windblown waste and scavengers:</p> <p>Condition 1.3.3 will be amended to:</p> <ul style="list-style-type: none"> • Restrict waste deposited at the base of the ROM pad to Inert Waste Type 1 and tyres. • Remove the requirement for a lockable gate as feral animals are managed by MS 753. <p>Condition 1.3.5 for landfill cover depth requirements will be amended to the Applicant's controls, and frequency consistent with the Rural Landfill Regulations.</p> <p>Condition 1.3.7 requires windblown waste to be contained within the landfill boundary and returned to the tipping area monthly.</p> <p>The premises map will be amended to define locations of category 63</p>
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								and 64 landfills.
	Landfill leachate	Groundwater Variable TDS recorded (2,500 -15,000 mg/L)	Infiltration through ground	Contamination of groundwater	Moderate Mid-level on site impacts	Unlikely The risk event will probably not occur in most circumstances	Medium	<p><u>Applicant controls</u> Landfills are unlined. Groundwater is considered to be more than 40 mbgl.</p> <p>Putrescibles are estimated at 70 tonnes per year and will be disposed of on top of the ROM pad.</p> <p>The landfills are expected to be closed after one year operation.</p> <p><u>Decision and reason</u> Siting and Applicant's controls are considered.</p> <p>Condition 1.3.3 Table 1.3.2.requires separation of groundwater to base of landfills be at least 3 m. No amendment is required to manage risk of leachate.</p>
	Stormwater	Surface water bodies.	Ground along path of flow	Contamination of surface water bodies with waste and potentially impacting riparian vegetation and ecosystems	Slight Low level on site impacts	Minor The risk event will probably not occur in most circumstances	Medium	<p><u>Applicant controls</u> The landfills are located several km from the nearest surface water body.</p> <p>Category 63 is to bury broken de-commissioned road.</p> <p>Putrescible waste and light waste will be deposited on the ROM pad and surrounded by bunds in trenches or be fenced.</p> <p>Cover of Inert wastes will be 200mm, and Putrescibles 500 mm.</p>

								<p><u>Decision and reason</u></p> <p>Condition 1.3.3 requires that surface water runoff is diverted away from areas where there is waste; and water that has come in contact with waste it is retained on the landfill. This condition remains appropriate for the waste type to be deposited on the top of the ROM pad.</p> <p>Condition 1.3.5 for landfill cover requirements will be amended to the Applicant's controls for cover depth frequency consistent with the Rural Landfill Regulations.</p> <p>The premises map will be amended to include location of the landfill types.</p>
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	Stormwater	Surface water bodies.	Ground along path of flow	Contamination of surface water bodies with waste and potentially impacting riparian vegetation and ecosystems	Slight Low level on site impacts	Minor The risk event will probably not occur in most circumstances	Medium	<p><u>Applicant controls</u> The landfills are located several km from the nearest surface water body.</p> <p>Category 63 is to bury broken de-commissioned road.</p> <p>Putrescible waste and light waste will be deposited on the ROM pad and surrounded by bunds in trenches or be fenced.</p> <p>Cover of Inert wastes will be 200mm, and Putrescibles 500 mm.</p> <p><u>Decision and reason</u> Condition 1.3.3 requires that surface water runoff is diverted away from areas where there is waste; and water that has come in contact with waste it is retained on the landfill. This condition remains appropriate for the waste type to be deposited on the top of the ROM pad.</p> <p>Condition 1.3.5 for landfill cover requirements will be amended to the Applicant's controls for cover depth frequency consistent with the Rural Landfill Regulations.</p> <p>The premises map will be amended to include location of the landfill types.</p>
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Decision and key considerations

The Delegated Officer has determined to grant the amendment for addition of Category 63 and a new Category 64 landfill. Conditions have been updated, changed or added, as follows. Key considerations have been outlined in Table 8 above.

Front cover page

The Front cover page Categories table is amended to include Category 63 and the Premises location is corrected to include Mining Tenement M59/455.

Definitions

Definitions are updated and new definitions included where applicable to the amended conditions.

Landfill management

Condition 1.3.1 is amended to include Category 63 waste type.

Condition 1.3.3 is amended to:

- Include the location of the Category 63 landfill.
- Restrict waste deposited at the base of the ROM pad to only Inert Waste Type 1 and tyres, and conditioned according to risk.
- Remove the requirement for a lockable gate at landfills.
- remove the restriction to crushing and screening of Inert Waste type 1 as not relevant to risk or landfill management.

Condition 1.3.5 for landfill cover depth requirements is amended to the Applicant's controls.

Schedule 1: Premises map

The premises map is updated to locate the new Category 63 and 64 landfills. The premises map of the existing licence includes M59/455 and no change to the premises boundary is required.

Licence Holder's comments

The Licence Holder was provided with the draft Amendment Notice on 29 November 2018. Comments received from the Licence Holder have been considered by the Delegated Officer as shown in Appendix 2.

Amendment

- The premises location description on Page 1 of the Licence is amended by the addition of the text shown in bold underline below.

Premises	Extension Hill Mine Site
	Mining Tenements G59/30, G59/33, G59/34, L59/68, L59/69, L59/87, M59/338, M59/339, M59/526, M59/454, <u>M59/455</u> and M59/609.
	PAYNES FIND WA 6612
	As depicted in Schedule 1

- The approved premises production or design capacity on page 1 of the licence is amended by the deletion of the text shown in strikethrough below and the insertion of the text highlighted in bold underline as shown below.

Category number	Category description	Category production or design capacity	Approved Premises production or design capacity
5	Processing or beneficiation of metallic or non-metallic ore: premises on which – (a) metallic or non-metallic ore is crushed, ground, milled or otherwise processed; (b) tailings from metallic or non-metallic ore are reprocessed; or (c) tailings or residue from metallic or non-metallic ore are discharged into a containment cell or dam.	50 000 tonnes or more per year	5 000 000 tonnes per annual period
<u>63</u>	<u>Class I Inert Landfill site</u>	<u>500 tonnes or more per year</u>	<u>12 000 tonnes per annual period</u>
64	Class II putrescible landfill site	20 tonnes or more per year	150 tonnes per annual period
85	Sewage facility	More than 20 but less than 100 cubic metres per day	48 cubic metres per day

- Definitions of the Licence is amended by the insertion of the text shown in bold underline below:
'Category' as defined in the Environmental Protection Regulations 1987, Schedule 1;
'Inert Waste Type 1' as defined in the Landfill Definitions;
'Inert Waste Type 2' as defined in the Landfill Definitions;
'Landfill definitions' means the Landfill Waste Classification and Waste Definitions 1996 (as amended 2018);
'Putrescible Waste' as defined in the Landfill Definitions;
'Special Waste Type 2' as defined in the Landfill Definitions;
'ROM' means Run of Mine;
'Waste type' identified in the Landfill Definitions, or in Schedule 1 of the Controlled Waste Regulations (as applicable).
- Condition 1.3.1 of the Licence is amended by the deletion of the text shown in strikethrough below and the insertion of the text shown in bold underline below:

- 1.3.1 The Licensee shall only accept waste to the a landfill, ~~tyre disposal facility and wastewater treatment plant~~ if:
- (a) it is of a type listed in Table 1.3.1;
 - (b) the quantity accepted is below any quantity limit listed in Table 1.3.1; and
 - (c) it meets any specification listed in Table 1.3.1.

Table 1.3.1: Waste acceptance		
<u>Category 63 landfill waste type</u>	Quantity limit tonnes/year	Specification
<u>Inert Waste Type 1</u>	<u>12,000 tonnes per annual period</u>	<u>Broken up decommissioned road.</u>
<u>Category 64 landfill waste type</u>	Quantity limit tonnes/year	Specification¹
Inert Waste Type 1	150 tonnes per annual period	Waste containing visible asbestos or ACM shall not be accepted
Inert Waste Type 2		Non-biodegradable organic materials
Putrescible Waste		None Specified
Special Waste Type 2		Biomedical/ clinical
Contaminated Solid Waste		Must meet the acceptance criteria for Class II landfill

Note 1: Additional requirements for the acceptance of controlled waste (including asbestos and tyres) are set out in the *Environmental Protection (Controlled Waste) Regulations 2004*.

5. Condition 1.3.3 of the Licence is amended by the deletion of the text shown in strikethrough below and the insertion of the text shown in bold underline below:

- 1.3.3 The Licensee shall ensure that wastes accepted onto the a landfill, ~~tyre disposal facility~~ and wastewater treatment plant are only subjected to the processes set out in Table 1.3.2 and in accordance with any process limits described in that Table.

Table 1.3.2: Waste processing		
<u>Landfill and waste</u>	<u>Process(es)</u>	<u>Process limits^{1, 2}</u>
<u>Category 63 landfill</u>	Receipt, handling and disposal of waste by landfilling	<u>Disposal of waste by landfilling shall only take place within the landfill area shown on the Site Plan map in Schedule 1.</u>
<u>Category 64 landfill - base of the ROM pad</u>		<u>Disposal of Inert Waste Type 1 and Inert Waste Type 2 (tyres) only.</u> <u>The tipping area shall be no greater than 30 metres in length.</u>
<u>Category 64 landfill - top of the ROM pad and open landfills</u>		<u>Landfill area</u> Disposal of waste by landfilling shall only take place within the landfill areas shown on the Site Plan map in Schedule 1. The landfill shall be within an area enclosed by earthen bunds or fencing at least 2 metres in height, to provide an effective barrier to horses or stock <u>and to contain windblown litter.</u> Waste shall be disposed of in a defined trench. The tipping area shall be no greater than 30 metres in length.

		<p>Surface water drainage shall be designed and maintained to divert surface water runoff away from areas where there is waste; and water that has come in contact with waste shall be retained on the landfill.</p> <p>Any access into the bunded or fenced landfill area shall be securely locked when it is unattended.</p> <p>No waste shall be burnt at the landfill area.</p> <p>A firebreak of at least 3 metres shall be maintained around the landfill.</p> <p>The separation distance between the base of the landfill and the highest groundwater level shall not be less than 3 m.</p>
Putrescible Waste		None specified
Inert Waste Type 1		None specified
Inert Waste Type 2		Tyres to be stored in piles of up to 100 units with a 6m separation distance between piles.
Contaminated Solid Waste		None specified
Special Waste Type 2		<p>Only to be disposed of into a designated biomedical waste disposal area within the landfill;</p> <p>Not to be deposited within 2m of the final tipping surface of the landfill; and</p> <p>No works shall be carried out on the landfill that could lead to biomedical wastes being excavated or uncovered.</p>
Sewage	Wastewater treatment plant	Biological and physical treatment

Note 1: Requirements for landfilling tyres are set out in Part 6 of the *Environmental Protection Regulations 1987*.

Note 2: Additional requirements for the acceptance and landfilling of controlled waste (including asbestos and tyres) are set out in the *Environmental Protection (Controlled Waste) Regulations 2004*.

6. Condition 1.3.5 of the Licence is amended by the deletion of the text shown in strikethrough below and the insertion of the text shown in bold underline below:

1.3.5 The Licensee shall ensure that cover is applied and maintained on all accessible waste in accordance with Table 1.3.3 and that sufficient stockpiles of cover are maintained on site at all times.

Table 1.3.3: Cover requirements ¹			
Waste Type	Material	Depth	Timescales
Inert Waste Type 1	No cover required	-	-
Inert Waste Type 1	Dense, inert and incombustible material or such other material as is approved in respect of a particular landfill site, and totally covered.	<u>200 mm</u>	<u>Monthly or as soon as practicable after deposit.</u>
Putrescible Waste		200mm <u>500mm</u>	Fortnightly Monthly or as soon as practicable after deposit.
Inert Waste Type 2		500 <u>200mm</u>	
Special Waste Type 2		100mm	As soon as practicable after deposit prior to compaction.
Contaminated solid wastes		200mm	Fortnightly or as soon as practicable after deposit.

Note 1: Additional requirements for the covering of tyres are set out in Part 6 of the *Environmental Protection Regulations 1987*.

7. The Licence is amended by the deletion of the following Condition 1.3.6 as shown in strikethrough below:

~~1.3.6 The Licensee shall implement the following security measures at the site:~~

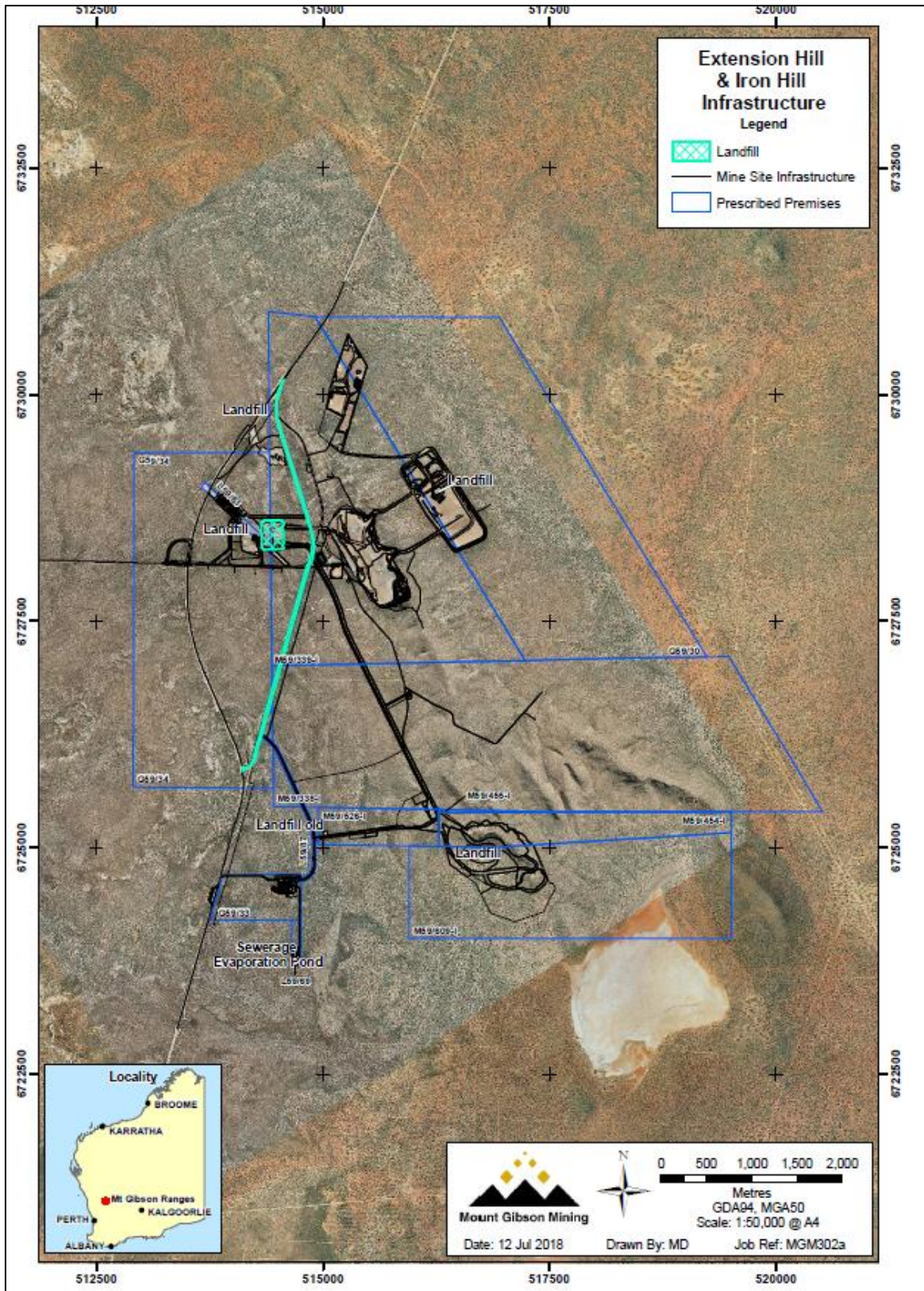
- ~~(a) erect and maintain suitable fencing to prevent un-authorised access to the site;~~
- ~~(b) ensure that any entrance gates to the premises are securely locked when the premises are unattended; and~~
- ~~(c) undertake regular inspections of all security measures and repair damage as soon as practicable.~~

8. The Licence is amended by the deletion of the Premises Map and text in Schedule 1, and the insertion of the Premises Map and text highlighted in bold underline as shown below.

Premises map

~~The Premises boundary and infrastructure is shown in the map below. The blue line depicts the premises boundary.~~

The Premises boundary and infrastructure is shown in the map below. The outer blue line depicts the premises boundary. The green line depicts the location of Category 63 landfilling. The green hatched area depicts the location of the new Category 64 landfill.



Appendix 1: Key documents

	Document title	In text ref	Availability
1	Licence L8495/2010/2 - Extension Hill Mine Site	L8495/2010/2	accessed at www.dwer.wa.gov.au
2	Email: <i>Application to amend licence with attachments including Application form.</i> Sent by Jessica Sackmann, Mount Gibson Iron Limited, 10/09/2018	Application	DWER records (A1718869)
	Email: <i>HPE CM: RE: L8495 Extension Hill amendment queries (landfills).</i> Sent by Jessica Sackmann, Mount Gibson Iron Limited, 17/10/2018	Application	DWER records (A1729546)
	Department of Water and Environmental Regulation, <i>Landfill Waste Classifications and Waste Definitions 1996 (as amended 2018)</i>	Landfill Definitions	accessed at www.dwer.wa.gov.au
	<i>Environmental Protection (Rural Landfill) Regulations 2002</i>	Landfill Regulations	accessed at www.dwer.wa.gov.au
	Ministerial Statement 753	MS 753	accessed at www.epa.wa.gov.au/
	Mount Gibson Mining Ltd, 5/12/2017. <i>MGX-HSEC-EH-WI-1263 Waste Management</i>	Waste Management Work Instructions	DWER records (A1728852)
	Mt Gibson Mining Ltd, 10/07/2008. <i>EMP Mt Gibson Iron Ore Mine and Infrastructure Project 60021424</i>	-	DWER records (A1729544)

Appendix 2: Summary of Licence Holder comments

The Licence Holder was provided with the draft Amendment Notice on 29 November 2018 for review and comment. The following comments were received on the draft Amendment Notice.

Condition	Summary of Licence Holder comment	DWER response
Table 1.3.2	Request to retain 'Inert Waste Type 1 (currently crossed out) and change the process limits to 'None specified'	Agreed, for clarity
Premises boundary	Request to update the Premises map description to read 'the outer blue line depicts the premises boundary' (addition of word 'outer').	Agreed, for clarity