



## Application for Licence Amendment

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

<b>Licence Number</b>	L8199/2007/2
<b>Licence Holder</b>	Chichester Metals Pty Ltd
<b>ACN</b>	109 264 262
<b>File Number</b>	APP-0030741
<b>Premises</b>	<p>Cloudbreak Iron Ore Mine</p> <p>Mining Tenements M45/1126, M46/401, M46/404, M46/405, M46/356, M46/402, M46/410, M46/411, M46/357, M46/453, M45/1128, M46/449, M46/452, M46/451, M46/454, M46/450, M45/1084, M45/1140, M45/1139, M45/1102, M45/1105, M45/1124, M45/1103, M45/1106, M45/1125, M45/1104, M45/1107, M45/1082, M45/1083, M45/1127, M45/1138, M45/1263, M45/1303, M46/403, M46/406, M46/407, M46/408, M46/409, M46/412, M46/413, M46/414, L46/46, L46/47, L46/48, L46/49, L46/51, L46/52, L46/57, L46/62, L46/64, L46/96, L46/99, L46/130, L45/152 and Exploration Leases E45/2498, E46/590, E46/612, E45/2499, E45/2652, E45/2497, E45/6960</p> <p>MULGA DOWNS WA 6751</p> <p>As defined by the Premises maps attached to the Revised Licence</p>
<b>Date of Report</b>	<b>12/12/2025 (FINAL)</b>
<b>Decision</b>	Revised licence granted

## Table of Contents

<b>1. Decision summary .....</b>	<b>1</b>
<b>2. Scope of assessment .....</b>	<b>1</b>
2.1 Regulatory framework .....	1
2.2 Amendment summary .....	1
2.2.1 Groundwater reinjection network expansion .....	1
2.2.2 Other amendments .....	4
2.3 Other approvals .....	6
2.3.1 Environmental Protection and Biodiversity Conservation Act 1999 (Cth) ..	6
2.3.2 Department of Energy and Economic Diversification .....	6
2.3.3 Part IV of the EP Act .....	6
2.3.4 <i>Rights in Water and Irrigation Act 1914</i> (RiWI Act) .....	8
<b>3. Risk assessment.....</b>	<b>8</b>
3.1 Source-pathways and receptors .....	8
3.1.1 Emissions and controls .....	8
3.1.2 Receptors.....	10
3.2 Risk ratings.....	12
<b>4. Consultation.....</b>	<b>15</b>
<b>5. Conclusion .....</b>	<b>15</b>
5.1 Summary of amendments.....	15
<b>References .....</b>	<b>16</b>
<b>Appendix 1: Summary of Licence Holder's comments on risk assessment and draft conditions .....</b>	<b>17</b>
Table 1: Compliance documentation .....	4
Table 2: Summary of the Ministerial Statement conditions for the Premises relevant to this assessment.....	7
Table 3: Licence Holder controls .....	9
Table 4: Environmental receptors and distance from prescribed activity .....	10
Table 5. Risk assessment of potential emissions and discharges from the Premises during operation.....	13
Table 6: Consultation .....	15
Table 7: Summary of licence amendments .....	15
Figure 1: Proposed saline injection expansion envelopes .....	3
Figure 2: Distance to sensitive receptors.....	11

## 1. Decision summary

Licence L8199/2007/2 is held by Chichester Metals Pty Ltd (Licence Holder) for the Cloudbreak Iron Ore Mine (the Premises), located approximately 120 km north of Newman in the Pilbara region of 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 operation of the Premises. As a result of this assessment, Revised Licence L8199/2007/2 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 Amendment summary

On 25 August 2025, the Licence Holder submitted an application (Fortescue 2025a) to the department to amend Licence L8199/2007/2 under section 59 and 59B of the *Environmental Protection Act 1986* (EP Act). The following amendments are being sought:

- Expansion of the saline reinjection network to include approximately 20 km of new reinjection pipeline; and
- 81 new saline injection bores (SRP397 to SRP477).

There are no changes to the existing approved design capacities for category 5, 6, 52, 54, 57, 64, 73 and 77 activities as a result of this application.

To note, while the expansion of the saline reinjection network is associated with category 6 (mine dewatering), there is no increase to the existing approved volume of 175 giganlitres (GL) per annum (GL/a).

This application does not reassess the 175 GL/a reinjection limit, which was approved under *Licence L8199/2007/2 Amendment Report - granted 26 August 2024* and Part IV of the EP Act Ministerial Statements (MS) 899 and 1010 (refer to section 2.3.3).

#### 2.2.1 Groundwater reinjection network expansion

Groundwater has been abstracted at the Premises to enable open pit mining below the water table and provide water for mining operations since 2008. Abstracted groundwater is used as a water supply in mining operations including ore processing, dust suppression, construction activities and the accommodation village. Surplus water is returned to aquifers via injection.

The Licence Holder is proposing to expand the groundwater saline reinjection infrastructure (81 new bores and 20 km of new pipeline) to support ongoing operations and development of new pits at the Premises including dewatering and reinjection of surplus water (within the approved 175 GL/a limit) into the Oakover aquifer.

All the proposed expansion infrastructure (bores and pipelines) will be contained within the proposed six saline injection expansion envelopes as shown in Figure 1.

The addition of the injection bores along the reinjection zone should assist in efficiently and evenly distributing the saline water over the length of the reinjection system. The water quality of the saline injection water abstracted from the Bigge and Garden mining pits is similar to the quality of saline water currently being reinjected into the Oakover aquifer.

The injection bores will be constructed and equipped within the envelopes adjacent to the existing and proposed saline reinjection pipeline. Drilling and equipping of the new bores will be carried out in stages to match the progressive increases in reinjection volumes as the mining plan continues.

The final saline injection bore locations within the saline reinjection expansion envelopes are yet to be determined, but locations will be chosen to ensure no mounding / drawdown triggers are affected.

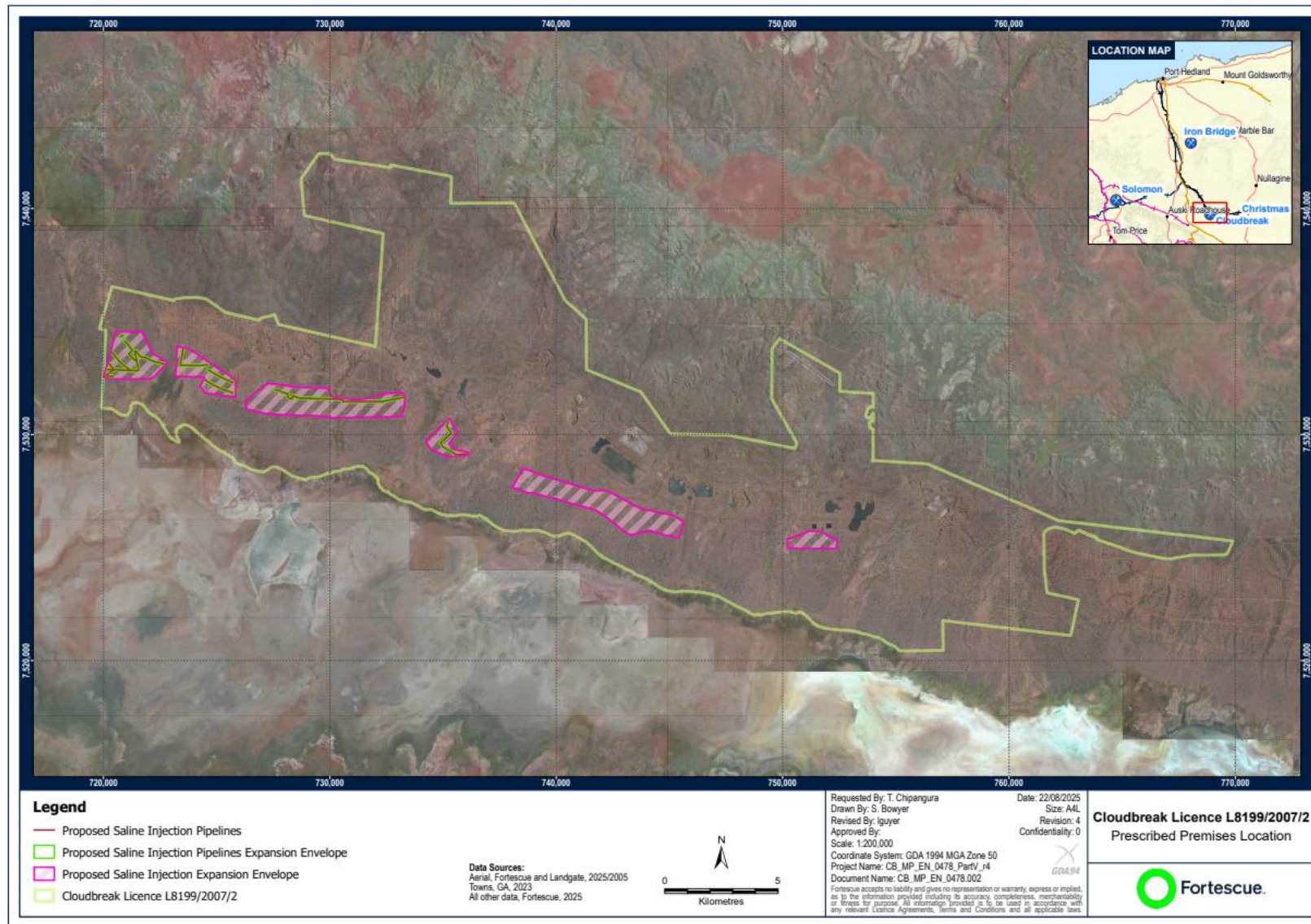


Figure 1: Proposed saline injection expansion envelopes

## 2.2.2 Other amendments

The department has received the following compliance documentation (Table 1) associated with some of the infrastructure listed in Condition 8 Table 5 of the existing Licence L8199/2007/2.

During this amendment, Condition 8 Table 5 of existing Licence L8199/2007/2 has been updated to remove (if applicable) the infrastructure constructed.

**Table 1: Compliance documentation**

Infrastructure	Application No. / Dates / Outcome
Brampton In-Pit TSF Decant Return Water Pipeline	<b>APP-0032005</b> Compliance documentation received on 23 October 2025. Department responded on 06 November 2025.  <b>This infrastructure has been removed from Condition 8 Table 5 of L8199/2007/2 under this amendment.</b>
<b>Bigge and Garden saline injection bores:</b>	
SRP257, SRP262, SRP263 and SRP317	<b>APP-0031166</b> Compliance documentation received on 15 September 2025. Department responded on 08 October 2025.
SRP371, SRP372, SRP380, SRP381, SRP382 and SRP390	<b>APP-0031019</b> Compliance documentation received on 04 September 2025. Department responded on 24 September 2025.
SRP329, SRP330, SRP331, SRP332 and SRP343	<b>APP-0030661</b> Compliance documentation received on 20 August 2025. Department responded on 24 September 2025.
SRP345, SRP346, SRP351, SRP352, SRP353, SRP356, SRP364, SRP365, SRP367, SRP368, SRP370, SRP373 and SRP374	<b>APP-0029558</b> Compliance documentation received on 19 June 2025. Department responded on 24 September 2025.
SRP378, SRP383, SRP384, SRP387R and SRP392	<b>APP-0029277</b> Compliance documentation received on 29 May 2025. Department responded on 24 September 2025.
SRP333, SRP334, SRP335 and SRP336	<b>APP-0028610</b> Compliance documentation received on 16 April 2025. Department responded on 24 September 2025.



Infrastructure	Application No. / Dates / Outcome
	<b>All listed bores have been removed from Condition 8 Table 5 of L8199/2007/2 under this amendment.</b>
<b>Bigge and Garden saline injection bores:</b>  SRP385, SRP386, SRP388, SRP389, SRP391, SRP393, SRP394, and SRP395  SRP375, SRP376, SRP377 and SRP379  SRP291, SRP293, SRP296 and SRP299  SRP319, SRP321, SRP322R, SRP323, SRP324, SRP325, SRP326, and SRP327  SRP340, SPR342, SRP344, SRP348, SRP349, SRP350, SRP359	<b>APP-0027412</b> Compliance documentation received on 10 February 2025. Department responded on 08 April 2025.  <b>APP-0027208</b> Compliance documentation received on 21 January 2025. Department responded on 03 April 2025.  <b>APP-0026637</b> Compliance documentation received on 11 October 2024. Department responded on 03 April 2025.  Compliance documentation received on 29 July 2024 (DWERDT983335). Department responded on 15 August 2024 (A2302851).  Compliance documentation received on 22 December 2023 (DWERDT885555). Department responded on 26 February 2024 (A2258180).  <b>All listed bores have been removed from Condition 8 Table 5 of L8199/2007/2 under this amendment.</b>
<b>Garden Mining Pits Pipelines:</b>  Section CB24WM015A  Section CB24WM019A	<b>APP-0030382</b> Compliance documentation received on 01 August 2025. Department responded on 24 September 2025.  <b>APP-0026557</b> Compliance documentation received on 14 August 2025. Department responded on 03 April 2025.  <b>No change to Condition 8 Table 5 of L8199/2007/2 for this infrastructure.</b>

Infrastructure	Application No. / Dates / Outcome
<b>Eastern and Central Cloudbreak Pipeline Extension:</b>  Section CB24MW005A	<b>APP-0032005</b> Compliance documentation received on 23 October 2025. Department responded on 06 November 2025.  <b>No change to Condition 8 Table 5 of L8199/2007/2 for this infrastructure.</b>

## 2.3 Other approvals

### 2.3.1 Environmental Protection and Biodiversity Conservation Act 1999 (Cth)

Under the *Environmental Protection and Biodiversity Conservation Act 1999* (EPBC Act), the Licence Holder was given approval (Decision Notice 2010/5696) for the expansion of the Cloudbreak Iron Ore Mine.

Conditions relate to the management actions to minimise threats to EPBC Act listed species including the Northern Quoll (*Dasyurus hallucatus*), Greater Bilby (*Macrotis lagotis*), Greater Egret (*Ardea alba*) and Night Parrot (*Pezoporus occidentalis*).

### 2.3.2 Department of Energy and Economic Diversification

The Premises is subject to the *Iron Ore (FMG Chichester Pty Ltd) Agreement Act 2006*, regulated by the Department of Energy and Economic Diversification (DEED).

The application was referred to DEED who provided the following comments:

- *DEED is currently reviewing a draft Clause 10 Additional Proposal (draft proposal) under the Iron Ore (FMG Chichester Pty Ltd) Agreement Act 2006 (State Agreement), which among other matters, seeks approval to construct the saline reinjection network described in the requested licence amendment.*
- *Following completion of its review, DEED will seek comments from government agencies, including DWER, on the draft proposal.*
- *After conclusion of the consultation process, Fortescue will submit its proposal to the Minister for State Development for approval.*
  - *The works proposed in the licence amendment cannot be implemented until the Minister for State Development has approved the proposal.*
  - *Similarly, approval of the proposal would not allow Fortescue to implement the works the subject of the licence amendment, until it (the licence amendment) has been approved.*

The Licence Holder has advised (Fortescue 2025b) that they will ensure both DEED and Part V approvals are obtained prior to the implementation of the proposed works.

### 2.3.3 Part IV of the EP Act

The Cloudbreak Life of Mine Project has been assessed by the Environmental Protection Authority (EPA) and approved under MS 899, MS 962 and MS 1010.

Conditions for the protection of the Fortescue Marsh and vegetation from dewatering and aquifer



re injection (i.e. groundwater level changes) are included within MS 899, 962 and 1010 as summarised below in Table 2.

**Table 2: Summary of the Ministerial Statement conditions for the Premises relevant to this assessment**

Ministerial Statement	Condition	Detail
MS 899	6	<p><b>Conservation Significant Vegetation – Indirect Impacts</b></p> <p>Condition 6 was recommended by the EPA to minimise the indirect impacts from mounding, drawdown, ponding and shadowing of vegetation to ensure the indirect impacts are not greater than those predicted (as specified in condition 6-1).</p> <p>Condition 6-1 specifies: <i>“The proponent shall manage the proposal in a manner that ensure there is no adverse impact to conservation significant vegetation as a result of implementing this proposal, greater than:</i></p> <ol style="list-style-type: none"> <li><i>1. 315 hectares of Mulga vegetation;</i></li> <li><i>2. 763 hectares to Samphire vegetation; and</i></li> <li><i>3. 3 hectares to Coolibah/river Red Gum creekline vegetation, outside the Mine Envelope.”</i></li> </ol> <p>Conditions 6-2 to 6-7 required the development and implementation of a vegetation health monitoring and management plan to ensure that the requirements of 6-1 are met.</p>
	7	<p><b>Groundwater Levels – Fortescue Marsh</b></p> <p>Condition 7 was recommended by the EPA to restrict groundwater mounding and drawdown at the fringe of the Fortescue Marsh to 1 metre to prevent impacts to groundwater dependent vegetation.</p>
MS 962	7-1	<p>MS 962 amended Condition 7-1 of MS 899, specifying that:</p> <p><i>“The proponent shall manage the injection of surplus water to ensure that groundwater levels do not rise or drop by more than one metre at the fringe and within the Fortescue Marsh, from the baseline groundwater level, using a suitable network of bores at the fringe of the Fortescue Marsh as shown in Figure 2 and delineated by co-ordinates in Schedule 2, having regard for climatic trends and seasonal variation, unless prior written authorisation of the CEO has been received.”</i></p>
	7-2	<p>MS 962 amended Condition 7-2 of MS 899, specifying that:</p> <p><i>“To verify that the requirements of Condition 7-1 are being met the proponent shall, to the requirements of the CEO:</i></p> <ol style="list-style-type: none"> <li><i>1. undertake baseline monitoring at groundwater monitoring bores located on the fringe of the Fortescue Marsh and a control bore outside impacts areas within one month of the date of issue of this Statement for currently installed bores and as soon as is practicable for the new fringe bores and the control bore...</i></li> <li><i>2. establish trigger groundwater levels at locations identified in Condition 7-2(1) having regard for climatic trends and seasonal variation; and</i></li> <li><i>3. monitor groundwater levels monthly at a minimum at locations identified in Condition 7- 2(1).”</i></li> </ol>

Ministerial Statement	Condition	Detail
MS 1010	N/A	Originally granted on 04 August 2015, it increased the abstraction (100 GL/a) and reinjection (95 GL/a) from MS 899 (Attachment 3) up to 150 GL/a for both abstraction and reinjection.  Amended on 09 February 2024 to increase in the volume of groundwater abstraction and reinjection from 150 GL/a to 175 GL/a consistent with Attachment 7 of MS 899.

Requirements of MS 899, 962 and 1010 are not re-assessed in this Amendment Report and are not duplicated as conditions in the existing Licence.

### 2.3.4 *Rights in Water and Irrigation Act 1914 (RiWI Act)*

The Premises is located within the Pilbara Groundwater Area and Pilbara Surface Water Area which are Proclaimed under the RiWI Act.

The Licence Holder holds section 5C groundwater licences (GWL) 177836(5), GWL166200(14) and GWL166354(13).

The Licence Holder has also developed the *Cloudbreak Groundwater Operating Strategy* (CB-PH-HY-009) (GWOS) to support the Part IV of the EP Act and RiWI Act approvals.

The application was referred to the department's North West region, who advised that the Premises has a GWL to dewater active mining areas, and this GWL is linked to a detailed GWOS, which was revised in 2024.

The existing injection bore network and sampling program are considered suitable for managing dewatering and reinjection.

## 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 operation which have been considered in this Amendment Report are detailed in Table 3 below. Table 3 also details the proposed control measures the Licence Holder has proposed to assist in controlling these emissions, where necessary.

Table 3: Licence Holder controls

Emission	Sources	Potential pathways	Proposed controls
Construction			
Dust	Construction and installation of the new saline injection infrastructure	Air/windborne pathway	Managed through the implementation of the Dust Management Plan (IO-PL-EN-0001).  Management measures include: <ul style="list-style-type: none"><li>informing all personnel and contractors working in the project area of their responsibilities concerning dust management;</li><li>minimising vegetation clearing and vegetation disturbance, and;</li><li>developing and implementing dust suppression measures where necessary (e.g., water carts, vehicle speed restrictions) to minimise the potential for dust deposition on vegetation or a reduction in amenity.</li></ul>
Noise		Air/windborne pathway	Managed in accordance with the <i>Environmental Protection (Noise) Regulations 1997</i> .  <b>Emission screened out due to distance to sensitive receptors.</b>
Operation			
Abstracted saline water from Bigge and Garden mining pits	Pipeline leaks / spills	Direct discharges to land	Conditions on existing Licence L8199/2007/2 requiring: <ul style="list-style-type: none"><li>all high risk saline pipelines to be equipped with telemetry; or equipped with automatic cut-outs; or provided with secondary containment; and</li><li>daily visual integrity inspections of the saline injection infrastructure (transfer ponds and pipelines).</li></ul>
	Reinjection to Oakover aquifer	Direct discharges to groundwater via reinjection	Condition on existing Licence L8199/2007/2 relating to point source emissions monitoring to groundwater.  The eight pipeline sample points (for Brampton, Kangaroo, Norfolk, Bigge and Garden) should be sufficient to provide a representative sample of the abstracted groundwater being sent for reinjection.

### 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 4 and Figure 2 below provides a summary of potential 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 4: Environmental receptors and distance from prescribed activity**

Environmental receptors	Distance from prescribed activity
<u>Priority Ecological Community (PEC) – Fortescue Marsh</u> Priority 1 PEC Listed in <i>A Directory of Important Wetlands in Australia</i> <b>Groundwater level of Fortescue Marsh regulated by MS 899 and MS 962 conditions.</b> <b>The quality of surface water and/or groundwater particularly in the Fortescue Marsh regulated under condition 12 of MS 899 (Metalliferous Drainage).</b>	<i>Fortescue 2025a</i> states Environmentally Sensitive Areas (ESA) outside the prescribed premises boundary (approximately 3.3 km from proposed activities).
<u>Groundwater</u> Proclaimed Pilbara Groundwater Area	Prescribed premises located within the Proclaimed Groundwater Area.
<u>Surface water</u> Fortescue River Proclaimed Pilbara Surface Water Area	<i>Fortescue 2025a</i> states approximately 1.9 km from proposed activities. Prescribed premises located within Proclaimed Surface Water Area.
<u>Threatened or Priority Fauna</u> Night Parrot <i>Pezoporus occidentalis</i> <b>Regulated by Fauna Management Plan – Condition 10 of MS 899; and EPBC 2010/5696.</b>	Within the prescribed premises boundary.
<u>Threatened or Priority Flora</u> <i>Fortescue 2025a</i> lists Goodenia sp. East Pilbara (Priority 3).	Within the prescribed premises boundary.
<u>Aboriginal heritage site</u> PAL 18 008 – Artefacts / Scatter	Pipeline footprint approximately 250 m to the north-west. Proposed saline injection expansion envelope approximately 60 m west.



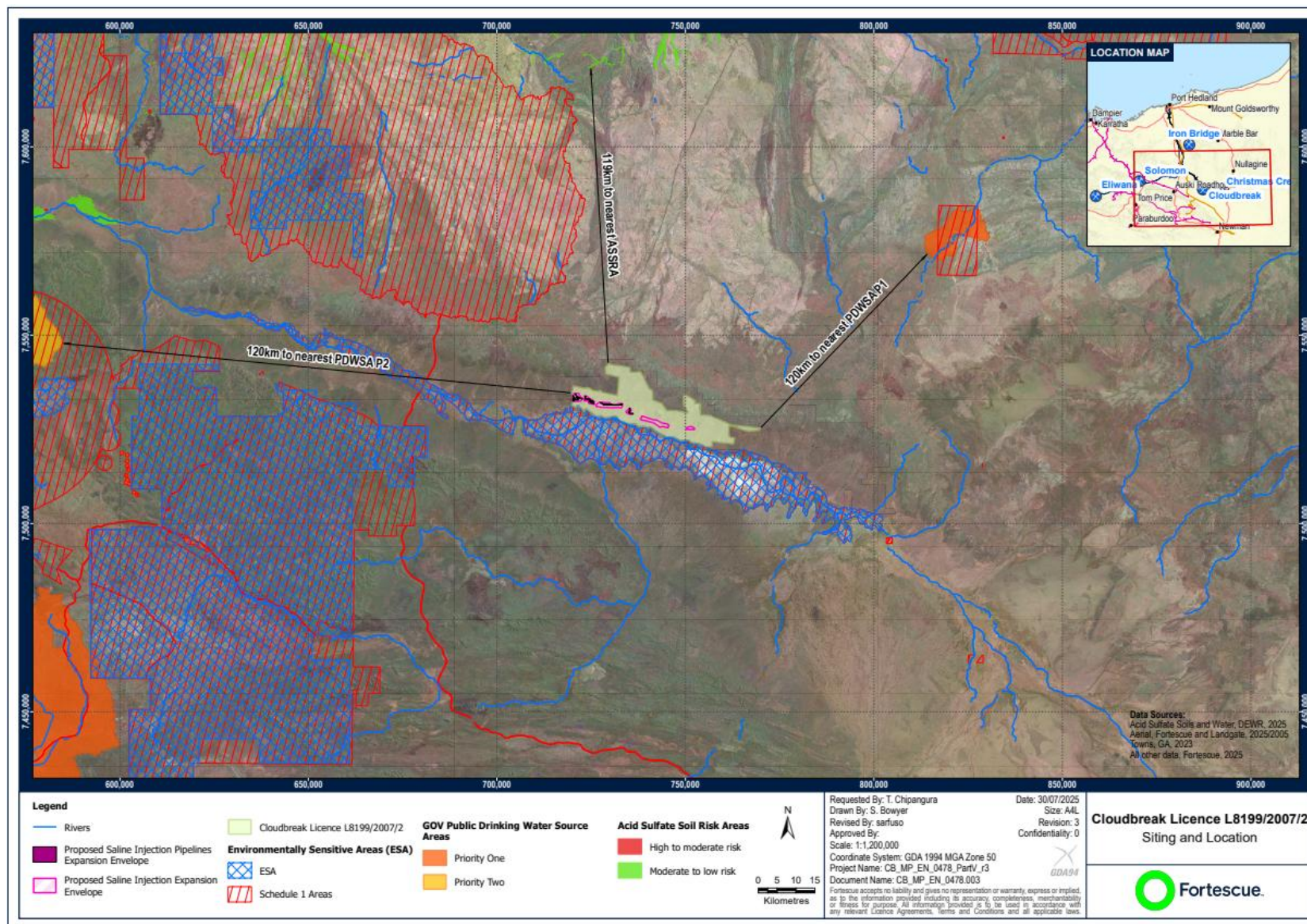


Figure 2: Distance to sensitive receptors

Licence: L8199/2007/2

## 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 incomplete they have not been considered further in the risk assessment.

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

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

The Revised Licence L8199/2007/2 that accompanies this Amendment Report authorises emissions associated with the operation of the Premises.

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



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

Risk Event					Risk rating <sup>1</sup> C = consequence L = likelihood	Licence Holder's controls sufficient?	Conditions <sup>2</sup> of licence	Justification for additional regulatory controls/ DWER comments
Source/Activities	Potential emission	Potential pathways and impact	Receptors	Licence Holder's controls				
Construction								
Construction and installation of the new saline injection infrastructure	Dust	Air/windborne pathway causing impacts to health and amenity	Vegetation along pipeline route	Refer to Section 3.1	C = Minor L = Unlikely <b>Medium Risk</b>	Y	N/A	General provisions of the EP Act apply.
Operation								
Pipeline leaks / spills	Abstracted saline water from Bigge and Garden mining pits	Direct discharges to land potentially contaminating soil and impacting vegetation	Soils Vegetation	Refer to Section 3.1	C = Moderate L = Possible <b>Medium Risk</b>	Y	Existing conditions on licence L8199/2007/2 - <ul style="list-style-type: none"><li>Condition 1 – all high risk saline pipelines must be either equipped with telemetry; or equipped with automatic cut-outs; or provided with secondary containment.</li><li>Condition 3 – inspection of saline injection infrastructure including pipelines.</li><li>Condition 8 – construction requirements.</li></ul>	During this amendment, Condition 8 has been updated to include construction requirements for the Bigge Mining Pit Pipelines.  A compliance document will be required to be submitted following completion of construction in accordance with Condition 28.
Reinjection to Oakover aquifer		Direct discharges to groundwater via reinjection with the potential to contaminate groundwater and	Groundwater quality Vegetation	Refer to Section 3.1	C = Moderate L = Possible <b>Medium Risk</b>	Y	Existing conditions on licence L8199/2007/2 - <ul style="list-style-type: none"><li>Condition 2 – infrastructure requirements for the</li></ul>	During this amendment, Condition 8 has been updated to include construction requirements for the new saline injection

Risk Event					Risk rating <sup>1</sup> C = consequence L = likelihood	Licence Holder's controls sufficient?	Conditions <sup>2</sup> of licence	Justification for additional regulatory controls/ DWER comments
Source/Activities	Potential emission	Potential pathways and impact	Receptors	Licence Holder's controls				
		inundate vegetation roots					transfer ponds. <ul style="list-style-type: none"> <li>Condition 3 – inspection of saline injection infrastructure including transfer ponds.</li> <li>Condition 8 – construction requirements.</li> <li>Condition 12 – point source emissions to groundwater.</li> <li>Condition 18 – monitoring of point source emissions to groundwater.</li> <li>Condition 21 – monitoring of ambient groundwater quality for mine dewater reinjection.</li> </ul> MS 899 and MS 962 also apply for Conservation Significant Vegetation and Groundwater Levels for the Fortescue Marsh (refer to section 2.3.3).	bores.  Compliance documentation will be required to be submitted following completion of construction in accordance with Condition 28.  During this amendment, Condition 12 has been updated to include the new saline injection bores to allow operation following submission of the compliance documentation.

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

**Table 6: Consultation**

Consultation method	Comments received	Department response
DEED advised of proposal on 10 October 2025	DEED responded on 17 October 2025. Refer to section 2.3.2.	Noted.
Karlka Nyiyaparli Aboriginal Corporation RNTBC advised of proposal on 10 October 2025	No comments received.	N/A.
Palyku-Jartayi Aboriginal Corporation RNTBC advised of proposal on 10 October 2025	No comments received.	N/A.
Licence Holder was provided with draft amendment on 27 November 2025	The Licence Holder responded (Fortescue 2025b) on 10 December 2025. Refer to Appendix 1.	Refer to Appendix 1.

## 5. Conclusion

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

### 5.1 Summary of amendments

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

**Table 7: Summary of licence amendments**

Condition no.	Proposed amendments
Registered business address	Updated as per the Application Form.
DWER file number	Updated to reference the latest file number and that associated with Environment Online.
Licence history	Updated to remove reference to works approvals and version 1 of Licence L8199/2007.
All conditions	The word “shall” has been changed to “must” throughout the Licence.

Condition no.	Proposed amendments
	Where applicable, reference has been made to the specific Figure in Schedule 1 for ease of reference.
	Administrative updates as required.
Condition 8	Removal of constructed infrastructure (refer to section 2.2.2) and inclusion of the 81 new saline injection bores and Bigge Mining Pit Pipelines.
Condition 12	Inclusion of the 81 new saline injection bores.
Condition 25	Updated as per the current Licence condition wording. Removal of reference to the Annual Audit Compliance Report as this has its own condition (Condition 27).
Condition 27	Updated as per the current Licence condition wording.
Condition 28	N1 form is stipulated. The N1 form has been added as Schedule 2 to complete this condition.
Definitions	Updated as applicable.
Figures	Updated as applicable.
Schedule 2	Inclusion of the N1 form.

## References

1. Department of Environment Regulation (DER) 2015, *Guidance Statement: Setting Conditions*, Perth, Western Australia.
2. Department of Water and Environmental Regulation (DWER) 2020, *Guideline: Environmental Siting*, Perth, Western Australia.
3. DWER 2020, *Guideline: Risk Assessments*, Perth, Western Australia.
4. EPBC 2010/5696 available at <https://epbcpublicportal.environment.gov.au/all-notices/>.
5. Fortescue Ltd (Fortescue) 2025a, Licence Amendment, Attachment 3B Supporting Document – Saline reinjection expansion, Cloudbreak Iron Ore Mine (CB-AE-EN-0012, Rev: 0), dated 22 August 2025.
6. Fortescue 2025b, Response to draft licence and decision report for Cloudbreak Iron Ore Mine Licence L8199/2007/2, dated 10 December 2025.
7. Licence L8199/2007/2 Amendment Report – granted 26 August 2024 available at <https://www.der.wa.gov.au/our-work/licences-and-works-approvals/current-licences>.
8. Ministerial Statement 899 available at <https://www.epa.wa.gov.au/all-ministerial-statements>.
9. Ministerial Statement 962 available at <https://www.epa.wa.gov.au/all-ministerial-statements>.
10. Ministerial Statement 1010 available at <https://www.epa.wa.gov.au/all-ministerial-statements>.

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

Condition	Summary of Licence Holder's comment	Department's response
<b>Licence</b>		
Condition 8, Table 5	<p>The Licence Holder has requested that the wording for the saline injection bores be updated as follows to rectify grammatical errors –</p> <p>Must be installed for the purpose of <b>targeted</b> <del>targeting</del> reinjection of saline groundwater <b>into the</b> Oakover aquifer</p>	The department has made the requested change.
Condition 12, Table 8	<p>The Licence Holder has requested that the wording for the saline injection bores be updated as follows to rectify grammatical errors –</p> <p>Direct injection below ground <del>Injection</del> into the Oakover aquifer</p>	<p>The department has updated the description for the brackish and saline injection bores to read –</p> <p><u>Brackish Injection Bores</u> – Direct injection below ground into the Marra Mamba formation</p> <p><u>Saline Injection Bores</u> – Direction injection below ground into the Oakover aquifer</p>
Condition 19, Table 12	<p>The Licence Holder has advised that the sample is taken from the final treatment tank, prior to being disposed to the irrigation area.</p> <p>The Licence Holder has requested that reference to monitoring locations L1 / L2 be retained to ensure consistency with all other emission points on their operational licences.</p>	<p>The department has updated Table 12 for the monitoring locations to –</p> <p>L1 Cloudbreak Camp WWTP final effluent tank; and</p> <p>L2 Cloudbreak West Village WWTP final effluent tank.</p> <p>The reference to L1 and L2 was also retained in condition 13, Table 9 and condition 25, Table 15.</p>
Condition 21, Table 14	The Licence Holder advised that the monitoring bores MW5, MW6, MW7 and MW8 have not yet been constructed and those	The department has added monitoring bores MW5, MW6, MW7 and MW8 under “to be constructed” and

Condition	Summary of Licence Holder's comment	Department's response
	<p>areas of the landfill are not in use.</p> <p>The Licence Holder therefore requested that a new section be added for the future monitoring bores and these bores will be monitored (once constructed).</p>	<p>included a footnote (3) that requires these bores to be monitored, once constructed.</p>
Condition 28, Table 16 for Condition 8	<p>The Licence Holder requests that the notification requirement "within 30 days of the completion of construction" be removed and changed to –</p> <p>"Submitted to the CEO on a quarterly basis by the last day of the following month in each year:</p> <ul style="list-style-type: none"> <li>• April (for January to March)</li> <li>• July (for April to June)</li> <li>• October (for July to September); and</li> <li>• January (for October to December) in any year." <p>This request is to reduce administrative burden associated with reporting. The Licence Holder requests some flexibility and intends to submit these documents quarterly.</p> </li></ul>	<p>The department has changed the notification requirement to read "Submitted quarterly, by the last day of the following month".</p> <p>Noting that the definition for 'quarterly' is already defined in the existing Licence.</p> <p>The changes made to the notification requirement, requires condition 9 to be updated to allow operation of the infrastructure prior to the submission of the compliance document. The department has updated condition 9 to read –</p> <p>The Licence Holder <b>must</b> <del>shall</del> operate the infrastructure <b>listed</b> <del>specified</del> in <del>Table 5 of</del> condition 8 in accordance with the conditions of this Licence, <b>once the design and construction requirements specified in condition 8 have been met<sup>1</sup></b> <del>following submission of the compliance documents required under condition 28.</del></p> <p><b>Note 1: corresponding compliance reporting requirements are specified in condition 28.</b></p>
<b>Amendment Report</b>		
Section 2.3.2 and Section 3.1.2	<p>The Licence Holder provided responses to the department's request for further information within the draft package.</p>	<p>The Amendment Report was updated accordingly.</p>