



Application for Licence Amendment

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

Licence Number	L7340/1997/9
Licence Holder	Pilbara Iron Company (Services) Pty Ltd
ACN	107 210 248
File Number	DER2013/000903-2
Premises	Yandicoogina Iron Ore Mine Part of Mining Lease AM70/274; LGE L021123 NEWMAN WA 6753 As defined by the Premises map attached to the Revised Licence
Date of Report	23 November 2020
Decision	Revised licence granted

Alana Kidd

MANAGER, RESOURCE INDUSTRIES

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

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1. Decision summary

Licence L7340/1997/9 is held by Pilbara Iron Company (Service) Pty Ltd (Licence Holder) for the Yandicoogina Iron Ore Mine (the Premises), located on Part of Mining Lease AM70/274 and LGE L021123.

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 L7340/1997/9 has been granted.

The Revised Licence issued as a result of this amendment supersedes the existing Licence previously granted in relation to the Premises. The Revised Licence has been granted in a new format with existing conditions being transferred, but not reassessed, to the new format.

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 13 August 2020, the Licence Holder submitted an application (Rio Tinto 2020b) to the department to amend Licence L7340/1997/9 under section 59 and 59B of the *Environmental Protection Act 1986* (EP Act). The following amendments are being sought:

- Update to Figure 3 (landfill coordinates) to reflect boundaries approved under Works Approval W5875/2015/1.
- Provision for the construction and operation of subsequent landfills within the prescribed premises that may be required to support ongoing operations.
- Update the location of the waste fines cell (WFC) 5 pipeline and establish WFC5-DC01 as the current discharge location. WFC5 was approved via a licence amendment to this Licence on 18 January 2020.
- Removal of monitoring bore MB12YWFC004 as it is unserviceable due to an obstruction within the screen.
- Addition of monitoring bore SP3 to replace MB12YWFC004.

This amendment is limited only to changes to Category 5 (for WFC5) and 64 activities and administrative updates to the Existing Licence. No changes to the aspects of the Existing Licence relating to Category 6, 12, 54 and 73 have been requested by the Licence Holder.

During this amendment the following changes have also been made:

- Removal of existing condition 5 as the compliance report for the WFC3A final embankment was received by the department on the 5 April 2018 (Rio Tinto 2018). Existing condition 27 (now revised condition 15) has been updated to remove reference to WFC3A. To note: the stage 2 construction works for WFC3 are on-going so reference to this WFC within existing condition 27 (now revised condition 15) and existing condition 4 will be retained.
- Removal of existing conditions 6, 7, 8 and 9 as the compliance report for the construction of WFC5 was received by the department on the 8 May 2020 and additional requested information on 23 July 2020 (Golder 2020 and Rio Tinto 2020a).

- Inclusion of a requirement for an annual water balance for WFC5.
- Refer also to Section 5.1.

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 *Guidance Statement: Risk Assessments* (DER 2017).

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 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
Dust	Earthmoving	Air	Landfill facilities will: <ul style="list-style-type: none"> • be located within prescribed premises boundary. • not be located within an Environmentally Sensitive Area.
Noise		Air/ground	
Odour associated with putrescible landfill	Operation of putrescible and waste dump landfills located within the prescribed premises boundary	Air	Putrescible landfill will be fenced to an appropriate height, gated and locked and the fencing will be regularly inspected for damage and cleared of waste. Waste in the landfill facilities will be covered: <ul style="list-style-type: none"> • weekly (putrescible landfill) so that no waste is left exposed (including at final landform design). • on an ad-hoc basis (waste dump landfill) when required, to at least 200 mm at final landform design.
Windblown waste		Air	
Leachate from putrescible landfills		Surface water runoff, seepage to soils and groundwater	

Emission	Sources	Potential pathways	Proposed controls
			<ul style="list-style-type: none"> be located so that vertical distance between the waste and the highest seasonal and expected post mining ground water level is no less than 3 m (waste dump landfill) or 10 m (putrescible landfill). special wastes will be disposed of in sealed bags, within a dedicated trench and covered as soon as possible with the location recorded.
Contaminated stormwater		Surface water runoff	<p>Landfill facilities will:</p> <ul style="list-style-type: none"> be located more than 100 m from any permanent or perennial watercourse. include construction of surface water management structures (i.e. bunding) to divert surface water flows away from the landfill.

3.1.2 Receptors

In accordance with the *Guidance Statement: Risk Assessment* (DER 2017), 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 and Figures 1 and 2 below provide 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 (*Guidance Statement: Environmental Siting* (DER 2016)).

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

Human receptors	Distance from prescribed activity
Mineral Resources Limited - Phil's Creek accommodation camp	Located approximately 100 m from the northern premises boundary.
Environmental receptors	Distance from prescribed activity
Weeli Wolli Springs Community a Priority 1, Priority Ecological Community (PEC).	<p>The buffer zone overlaps the southern part of the premises boundary.</p> <p>The location of the PEC in relation to the premises is shown in Figure 2.</p>
Proclaimed Pilbara Groundwater Area and Pilbara Surface Water Area.	Premises located within these Areas.
Clearing Regulations – Environmentally Sensitive Areas.	Three locations identified within the premises boundary.
<p>Yandicoogina, Marillana and Weeli Wolli Creeks.</p> <p>Although these Creeks are naturally an ephemeral system, the discharge of surplus water will have created sections of permanent flow in the Creeks.</p> <p><i>“Riparian vegetation along Weeli Wolli and Marillana creeks is considered to have locally significant environmental values because of the ecological services it provides.”</i> (EPA 2016).</p>	These Creeks intersect the premises.

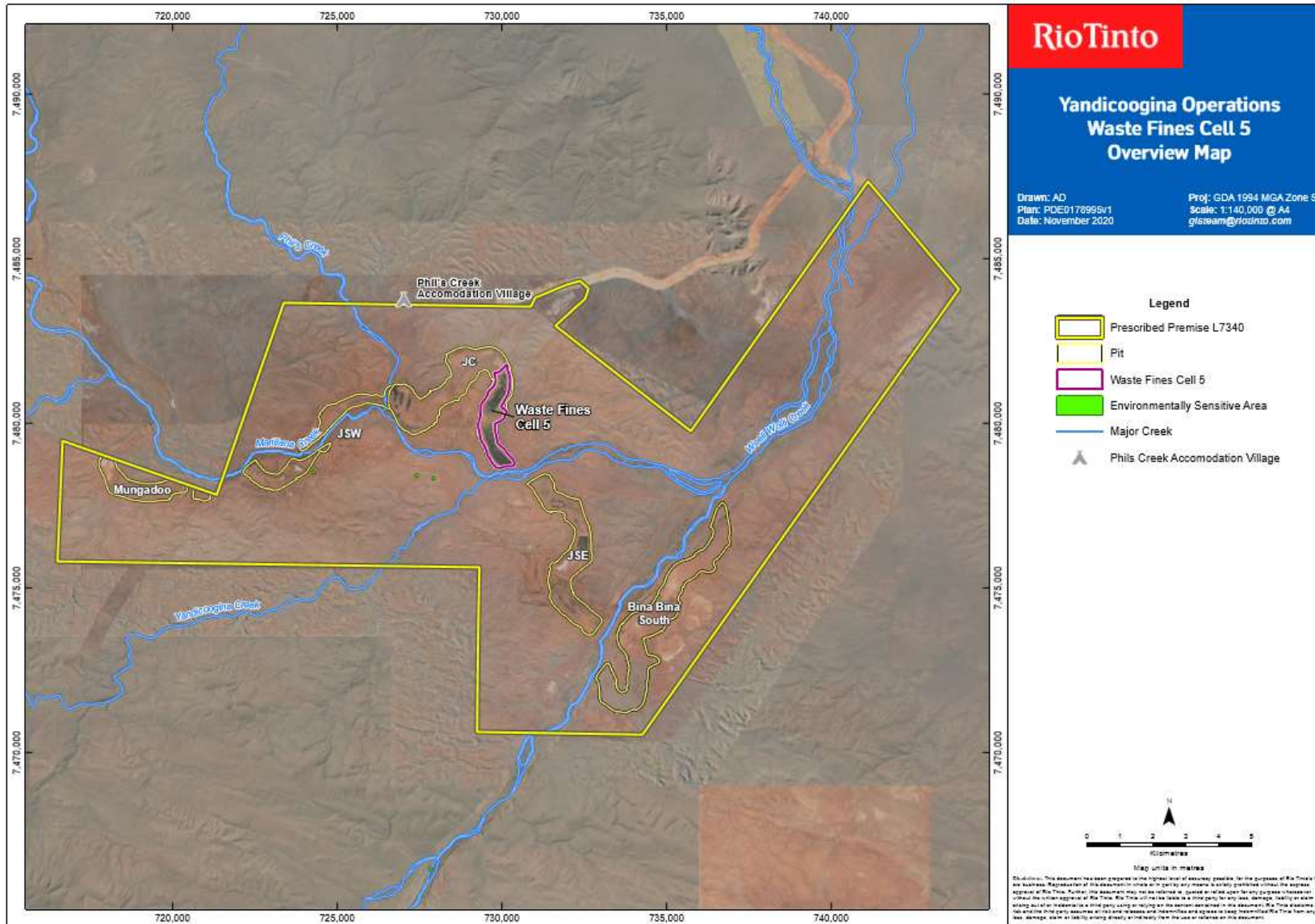


Figure 1: Distance to sensitive receptors

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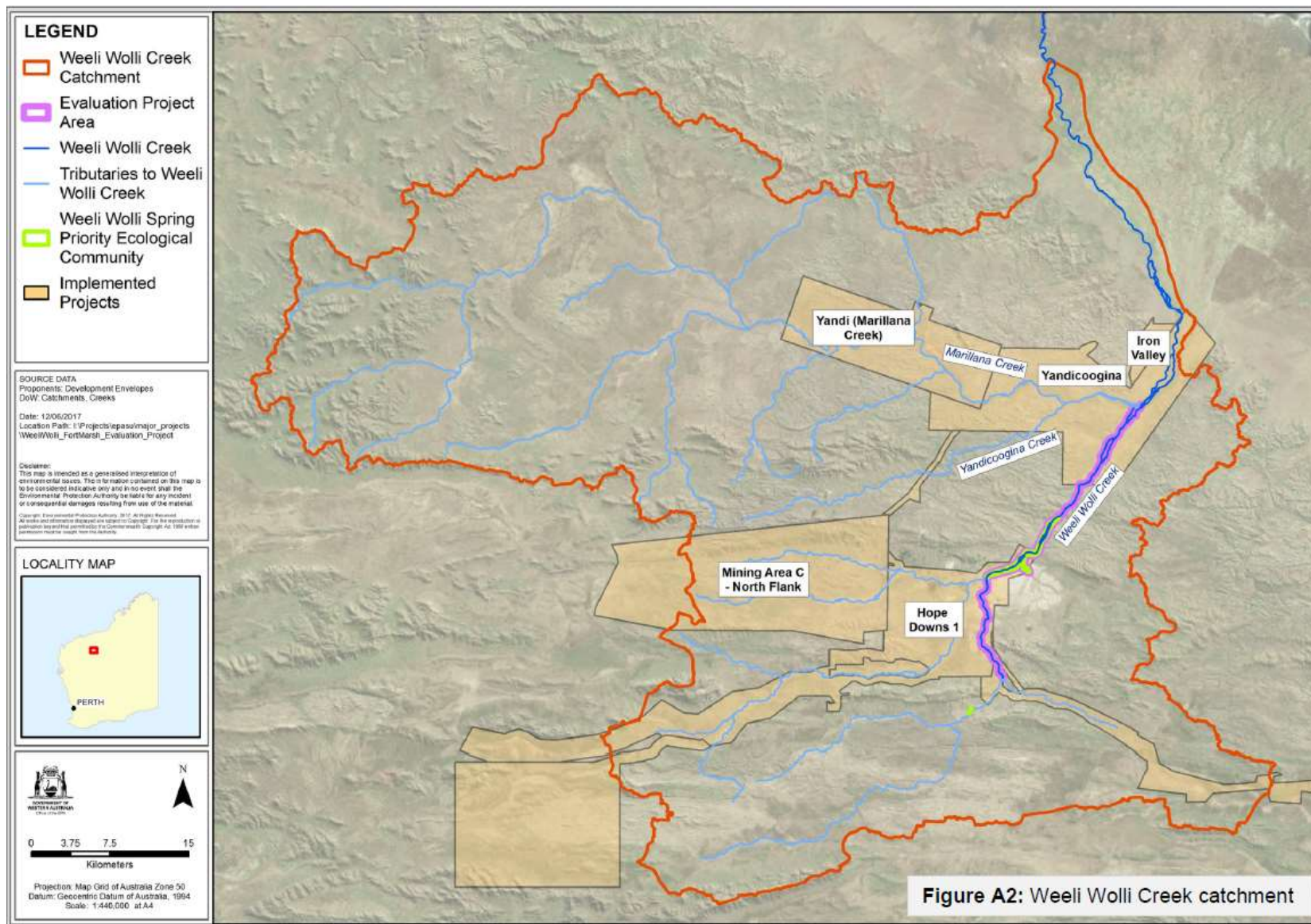


Figure 2: Weeli Wolli Spring PEC (EPA 2018)

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3.2 Risk ratings

Risk ratings have been assessed in accordance with the *Guidance Statement: Risk Assessments* (DER 2017) 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 L7340/1997/9 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 3. Risk assessment for proposed amendments

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								
Construction of putrescible and waste dump landfills located within the prescribed premises boundary	Dust	Air pathway: Particulate matter (fugitive dust) causing impacts to health and amenity.	Phil's Creek accommodation village approximately 100 m from premises boundary.	Refer to Section 3.1	C = Slight L = Unlikely Low Risk	N	Condition 8	Licence Holder's controls have been conditioned, which has lowered the risk rating. Additional regulatory controls have been included to ensure the landfills are: <ul style="list-style-type: none"> located no less than 25 m (waste dump landfill) and 35 m (putrescible landfill) from the premises boundary. Located at least 150 m from the Phil's Creek accommodation village to prevent impacts to receptors (EPA 2005).
	Noise	Air/ground pathway: Noise and/or vibration causing impact to amenity.			C = Slight L = Unlikely Low Risk	N	Condition 8	
Operation								
Operation of putrescible and waste dump landfills located within the prescribed premises boundary	Dust	Air pathway: Particulate matter (fugitive dust) causing impacts to health and amenity.	Phil's Creek accommodation village approximately 100 m from premises boundary.	Refer to Section 3.1	C = Slight L = Unlikely Low Risk	N	Condition 8	Licence Holder's controls have been conditioned, which has lowered the risk rating. Additional regulatory controls have been included to ensure the landfills are: <ul style="list-style-type: none"> located no less than 25 m (waste dump landfill) and 35 m (putrescible landfill) from the premises boundary. Located at least 150 m from the Phil's Creek accommodation village to prevent impacts to receptors (EPA 2005).
	Noise	Air/ground pathway: Noise and/or vibration causing impact to amenity.			C = Slight L = Unlikely Low Risk	N	Condition 8	

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				
	Odour associated with putrescible waste	Air/windborne pathway causing impacts to amenity. Increase in scavengers/vermin.	Phil's Creek accommodation village approximately 100 m from premises boundary. Scavengers and indirect receptors – vegetation and fauna.	Refer to Section 3.1	C = Slight L = Unlikely Low Risk	N	Condition 8	Licence Holder's controls have been conditioned, which has lowered the risk rating. Additional regulatory controls have been included to ensure that there is signage at the entrance to the landfills which clearly defines the waste types accepted. This should reduce the risk of unauthorised waste being disposed of at the facilities.
	Windblown waste							
	Fire	Air/windborne pathway causing impacts to health, amenity and environmental receptors.	Phil's Creek accommodation village approximately 100 m from premises boundary. Vegetation and fauna.	N/A	C = Moderate L = Unlikely Medium Risk	N	Condition 8	A regulatory control has been imposed to ensure a firebreak of at least 3 m in width is around the perimeter of the putrescible landfill.
Leachate from the putrescible landfills	Seepage to soils and groundwater with potential impact to groundwater and alteration to sensitive surface water ecosystems.	Premises located within the Pilbara Groundwater and Surface Water Area. Groundwater. Sensitive surface water ecosystems (Yandicoogina Creek, Marillana Creek and Weeli Wolli Creek) intersect the premises.	Refer to Section 3.1	C = Moderate L = Unlikely Medium Risk	N	Condition 8	Licence Holder's controls have been conditioned, which has lowered the risk rating. Additional regulatory control have been included to ensure: <ul style="list-style-type: none"> the putrescible landfill is located at a minimum of 400 m from Yandicoogina Creek, Marillana Creek and Weeli Wolli Creek. the tipping area of the putrescible landfill is not greater than 30 m in length and 2 m above the ground level. 	

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				
	Contaminated stormwater	Surface water runoff with potential contamination of soils and alteration to sensitive surface water ecosystems.	Sensitive surface water ecosystems (Yandicoogina Creek, Marillana Creek and Weeli Wolli Creek) intersect the premises.	Refer to Section 3.1	C = Minor L = Possible Medium Risk	N	<u>Condition 8</u>	<p>The Licence Holder's proposed controls for stormwater management were quite general.</p> <p>Regulatory controls have been imposed that specifically state requirements for the landfill facilities:</p> <ul style="list-style-type: none"> • earthen bunding installed around the facility to divert stormwater away from the landfill. • a sump and/or bunding to collect any surface water that has come into contact with waste.

Note 1: Consequence ratings, likelihood ratings and risk descriptions are detailed in the *Guidance Statement: Risk Assessments* (DER 2017).

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
Licence Holder was provided with the draft amendment on 15 October 2020	<p>The Licence Holder responded on the 18 November 2020 with the following comments:</p> <p>Condition 8, Table 5 for Putrescible Landfills.</p> <p>Requests the wording to be amended from 'no less than 500 m' to 'at a minimum of 400 m'.</p> <p>The reasoning being that the current active landfills northern boundary is situated approximately 450 m from Marillana Creek. This facility was approved under W5875/2015/1.</p> <p>The Licence Holder has stated that "<i>All future landfills will comply with the 500m boundary</i>" (Rio Tinto 2020c).</p> <p>Condition 10, Table 7; Monitoring of Ambient Concentrations.</p> <p>Request that parameters selected to undergo comparison against the 99% protection level in ANZECC 2000 are instead compared to a 90% protection values, which aligns with a slightly to moderately disturbed system.</p>	<p>The department has changed the wording as requested, though noted the Licence Holder's commitment that all future putrescible landfills will be at least 500 m from Yandicoogina Creek, Marillana Creek and Weeli Wolli Creek.</p> <p>The department has not made this requested change. This request is outside the scope of this amendment application.</p> <p>A separate amendment application should be submitted by the Licence Holder if they cannot meet this condition. The application should include baseline data to inform on site specific levels with informed reasoning to allow the department to undertake a risk assessment.</p>

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 and consolidation of licence conditions in this amendment

Existing condition	Condition summary	Revised licence condition	Conversion notes
N/A	Prescribed Premises Category table	N/A	Existing Schedule 2: Primary Activities Table 11 deleted and now placed on the front page of the Licence in line with the current licensing format. Category 6 Dewatering volume reinstated given a volume needs to be specified and should not be a secondary approval.
N/A	Licence history	N/A	Included as per current licensing format.
N/A	Explanatory Notes	N/A	Deleted as per current licensing format.
N/A	Interpretation	N/A	Updated to current licensing format.
1	Emissions	N/A	Deleted as per current licensing format.
N/A	Infrastructure and equipment	1	Inclusion of this condition to ensure the infrastructure and equipment from existing Schedule 2: Primary Activity Table 12 (now revised Schedule 3: Infrastructure and equipment, Table 11) is retained and the licence holder is required to ensure it is operated and maintained in good working order.
2 and 3	Maintenance of operation requirements	2 and 3	Re-numbered and updated to current licensing format.
4	Waste Fines Cell construction requirements	4	Retained.
5, 6, 7, 8 and 9		N/A	Deleted, as compliance documents associated with these conditions have been received and accepted by the department.
N/A	Authorised discharge points for emissions	5	Inclusion of this condition with information taken from the existing condition 1 (now deleted) and updated to the current licensing format. Information on the WWTPs including the design capacity and sprayfield size was taken from the existing Schedule 2, Primary Activity and Infrastructure and Equipment Table 12 (now revised Schedule 3: Infrastructure and equipment Table 11). Information on the WFCs including total capacity of waste fines was taken from the existing Schedule 2, Primary Activity and Infrastructure and Equipment Table 12 (now revised Schedule 3: Infrastructure and equipment Table 11). Deletion of WFC1 and WFC2 as the Licence Holder has stated that WFC1 is inactive and WFC2 has been buried by WFC4, which is also inactive (Rio Tinto 2020c).

Existing condition	Condition summary	Revised licence condition	Conversion notes
			Information on the dewatering outlets was taken from existing condition 21 which has now been deleted.
N/A	Emissions limits	6 and 7	Inclusion of these condition with information taken from the existing conditions 13 (now under monitoring conditions) and 22 (deleted).
10	Waste processing	8	Updated as per the risk assessment and controls assessed within the Amendment Report associated with this Licence amendment.
11 and 12	Treated wastewater irrigation	5 and 6	Deleted, this information is now covered under revised conditions 5 and 6.
13 and 22		6, 7 and 9	Updated to the current licensing format. Emissions limits are now covered under revised conditions 6 and 7 and the discharge point monitoring under condition 9.
14		17	Updated to the current licensing format and now required within the Annual Environmental Report.
15	Waste Fines Discharge	5	Deleted, this information is now covered under revised condition 5.
16		10	Re-numbered and updated to the current licensing format. Removal of monitoring bore MB12YWFC004 and inclusion of SP3 as per this Licence amendment. Removal of WB10YMA002 as the Licence Holder has stated this bore has been decommissioned (Rio Tinto 2020c). Noting that existing bore MB10YMA005 is located in close proximity to the decommissioned bore.
17		17	Updated to the current licensing format and now required within the Annual Environmental Report.
18		10	Re-numbered and now within the ambient monitoring table under revised condition 10.
19		17	Updated to the current licensing format and now required within the Annual Environmental Report.
20		11	Re-numbered and administrative changes made.

Existing condition	Condition summary	Revised licence condition	Conversion notes
21	Mine Dewatering Discharges	5	Deleted, this information is now covered under revised condition 5.
22		7 and 9	Deleted, emissions limits are now covered under revised condition 7 and the discharge point monitoring under condition 9.
23	Information	18 and 19	Updated to the current licensing format.
24		13	Updated to the current licensing format.
25		14	Deleted and now covered by revised condition 14.
26		N/A	Deleted in line with the current licensing format.
27		15	Updated to remove reference to WFC3A.
N/A	Water balance	12 and 17	Inclusion of this condition to ensure that an annual water balance for WFC5 is undertaken with the information provided in the Annual Environmental Report.
N/A	Records and reporting	16	Inclusion of this condition to ensure audits and reports are submitted to the department following the construction of either a waste dump landfill or putrescible landfill within the premises.
N/A		17	Inclusion of this conditions which specifies what information is required to be submitted within the Annual Environmental Report. Existing conditions 14, 17 and 19 are now covered under this revised condition. Inclusion of a requirement for the Licence Holder to include a map and GIS coordinates for any landfill facility within the premises.
N/A	Definitions	N/A	Updated to current licensing format. Administrative changes to include and remove definitions as applicable to the Revised Licence.
N/A	Schedule 1: Maps	Figure 3	The existing Figure 3 has now been replaced with a new Figure 3 which shows the existing landfill locations.
N/A		Figure 7	The existing Figure 7 has now been replaced with a new Figure 7 which removes WB10YMA002 and MB12YWFC004 and replaces with SP3.
N/A		Figure 7	Deleted, the location of the WFC5 delivery pipeline is shown in the revised Figure 7.

Existing condition	Condition summary	Revised licence condition	Conversion notes
N/A	Schedule 2: Primary Activities	N/A	Deleted in line with the current licensing format. Primary Activities Table 11 is now covered within the Prescribed Premises Category table on the front page of the Licence.
N/A		Schedule 3	Retained as Schedule 3: Infrastructure and equipment Table 11 and linked to revised conditions 1 and 5.
N/A	Site layout	N/A	Deleted in line with the current licensing format.

References

1. Department of Environment Regulation (DER) 2016, *Guidance Statement: Environmental Siting*, Perth, Western Australia.
2. DER 2017, *Guidance Statement: Risk Assessments*, Perth, Western Australia.
3. DER 2015, *Guidance Statement: Setting Conditions*, Perth, Western Australia.
4. Environmental Protection Authority (EPA) 2005, *Guidance Statement No. 3, Separation Distances between Industrial and Sensitive Land Uses*, Perth, WA.
5. EPA 2016, *Report and recommendations of the Environmental Protection Authority, Yandicoogina Iron Ore Project – Pocket and Billiard South deposits*, Report 1573, Perth, WA.
6. EPA 2018, *Evaluating the environmental condition of Weeli Wolli Creek*, Supporting technical report, Evaluation program report series, Perth, WA.
7. Golder Associates Pty Ltd (Golder) 2020, *Waste Fines Cell 5 – Environmental Compliance Report*, Yandicoogina Mine, RTIO-HSE-0342749.
8. Rio Tinto 2018, *Compliance Statement – L7340/1997/9 Yandicoogina Waste Fines Cell 3A Final Embankment*, RTIO-HSE-0320182.
9. Rio Tinto 2020a, *RE: Licence L7340/1997/9 Yandicoogina Iron Ore Mine Waste Fines Cell 5 (WFC5) Amendment Conditions 6, 7, 8, 9 and 16, Environmental Compliance Report*, RTIO-HSE-0345562.
10. Rio Tinto 2020b, *Yandicoogina L7340/1997/9 – Licence Amendment Application*, RTIO-HSE-0345630.
11. Rio Tinto 2020c, *Yandicoogina L7340/1997/9 – Administrative Licence Amendment Application – Licensee Responses to Draft License Conditions*, RTIO-HSE-0348065, 18 November 2020.

Appendix 1: Application validation summary

SECTION 1: APPLICATION SUMMARY				
Application type				
Works approval	<input type="checkbox"/>			
Licence	<input type="checkbox"/>	Relevant works approval number:		None <input type="checkbox"/>
		Has the works approval been complied with?	Yes <input type="checkbox"/> No <input type="checkbox"/>	
		Has time limited operations under the works approval demonstrated acceptable operations?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
		Environmental Compliance Report / Critical Containment Infrastructure Report submitted?	Yes <input type="checkbox"/> No <input type="checkbox"/>	
		Date Report received:		
Renewal	<input type="checkbox"/>	Current licence number:		
Amendment to works approval	<input type="checkbox"/>	Current works approval number:		
Amendment to licence	<input checked="" type="checkbox"/>	Current licence number:	L7340/1997/9	
		Relevant works approval number:	N/A	<input type="checkbox"/>
Registration	<input type="checkbox"/>	Current works approval number:	None	<input type="checkbox"/>
Date application received	13 August 2020			
Applicant and Premises details				
Applicant name/s (full legal name/s)	Pilbara Iron Company (Services) Pty Ltd			
Premises name	Yandicoogina Iron Ore Mine			
Premises location	Part of Mining Lease AM70/274 and LGE L021123, Newman WA 6753			
Local Government Authority	Shire of East Pilbara			
Application documents				
HPCM file reference number:	DER2013/000903-2			
Key application documents (additional to application form):	Yandicoogina L7340/1197/9 – Licence Amendment Application (A1922322)			
Scope of application/assessment				
Summary of proposed activities or changes to existing operations.	Licence amendment to: <ul style="list-style-type: none"> Update Figure 3 of L7340/1997/9 to reflect landfill boundaries approved under W5875/2015/1 (administrative) Provision for the construction and operation of subsequent landfills within the prescribed premises (risk assessment) Update location of the waste fines cell 5 (WFC5) pipeline and WFC5-DCO1 as the discharge location (licence amendment) 			

dated 8 January 2020 and compliance information received 8 May 2020 (A1892162) and 23 July 2020 (DWERDT311432)) (administrative)

- Removal of monitoring bore MB12YWFC004 and addition of monitoring bore SP3 (administrative).

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 (<i>amendments only</i>)
Category 5: Processing or beneficiation of metallic or non-metallic ore	60,000,000 tonnes per annual period	No change to the category assessed design capacities required under this licence amendment
Category 6: Mine dewatering	Disposal of up to 78 gigalitres per annum	
Category 12: Screening, etc. of material	10,000,000 tonnes per annual period	
Category 54: Sewage facility	1,192 cubic metres per day	
Category 64: Class II putrescible landfill site	7,500 tonnes per annual period	
Category 73: Bulk storage of chemicals, etc.	1,770 cubic metres in aggregate	

Legislative context and other approvals

Has the applicant referred, or do they intend to refer, their proposal to the EPA under Part IV of the EP Act as a significant proposal?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Referral decision No: Managed under Part V <input type="checkbox"/> Assessed under Part IV <input type="checkbox"/>
Does the applicant hold any existing Part IV Ministerial Statements relevant to the application?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Ministerial statement No: 1038 EPA Report No: 1573
Has the proposal been referred and/or assessed under the EPBC Act?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Reference No: EPBC 2012/5815
Has the applicant demonstrated occupancy (proof of occupier status)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Certificate of title <input type="checkbox"/> General lease <input type="checkbox"/> Expiry: Mining lease / tenement <input checked="" type="checkbox"/> Expiry: Other evidence <input type="checkbox"/> Expiry:
Has the applicant obtained all relevant planning approvals?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Approval: Expiry date: If N/A explain why? Mining tenure and <i>Iron Ore</i>

		<i>(Yandicoogina) Agreement Act 1982</i>
Has the applicant applied for, or have an existing EP Act clearing permit in relation to this proposal?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CPS No: N/A Authorised under MS 1038
Has the applicant applied for, or have an existing CAWS Act clearing licence in relation to this proposal?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Application reference No: N/A Licence/permit No: N/A
Has the applicant applied for, or have an existing RIWI Act licence or permit in relation to this proposal?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Application reference No: Licence/permit No: GWL166205(7)
Does the proposal involve a discharge of waste into a designated area (as defined in section 57 of the EP Act)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Name: Pilbara Type: Proclaimed Groundwater Area/Surface Water Area Has Regulatory Services (Water) been consulted? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Regional office: North West
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, Environmental Protection (Controlled Waste) Regulations 2004, State Agreement Act xxxx</i>)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<i>Iron Ore (Yandicoogina) Agreement Act 1982</i>
Is the Premises within an Environmental Protection Policy (EPP) Area?	Yes <input type="checkbox"/> No <input type="checkbox"/>	N/A
Is the Premises subject to any EPP requirements?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A
Is the Premises a known or suspected contaminated site under the <i>Contaminated Sites Act 2003</i> ?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Classification: N/A Date of classification: N/A