



Decision Document

Environmental Protection Act 1986, Part V

Proponent: **Pilbara Iron Company Services Pty Ltd**

Licence: **L5817/1994/13**

Registered office: Level 22 Central Park
152-158 St George Terrace
PERTH WA 6000

ACN: 107 210 248

Premises address: Tom Price Wastewater Treatment Plant
Crown Reserve L3116/10395
TOM PRICE WA 6751

Issue date: Friday, 15 May 2015

Commencement date: Monday, 1 June 2015

Expiry date: Sunday, 31 May 2020

Decision

Based on the assessment detailed in this document, the Department of Environment Regulation (DER), has decided to issue a licence. DER considers that in reaching this decision, it has taken into account all relevant considerations.

Decision Document prepared by: Damian Thomas
Licensing Officer

Decision Document authorised by: Alan Kietzmann
A/Manager Licensing



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1 Purpose of this Document

This decision document explains how DER has assessed and determined the application for a works approval or licence, and provides a record of DER's decision-making process and how relevant factors have been taken into account. Stakeholders should note that this document is limited to DER's assessment and decision making under Part V of the *Environmental Protection Act 1986*. Other approvals may be required for the proposal, and it is the proponent's responsibility to ensure they have all relevant approvals for their Premises.

Works approval and licence conditions

DER has three types of conditions that may be imposed on works approvals and licences. They are as follows;

Standard conditions (SC)

DER has standard conditions that are imposed on all works approvals and licences regardless of the activities undertaken on the Premises and the information provided in the application. These are included as the following conditions on works approvals and licences:

Works approval conditions: 1.1.1-1.1.4, 1.2.1, 1.2.2, 5.1.1 and 5.1.2.

Licence conditions: 1.1.1-1.1.3, 1.2.1-1.2.4, 5.1.1-5.1.4 and 5.2.1.

For such conditions, justification within the Decision Document is not provided.

Optional standard conditions (OSC)

In the interests of regulatory consistency DER has a set of optional standard conditions that can be imposed on works approvals and licences. DER will include optional standard conditions as necessary, and are likely to constitute the majority of conditions in any licence. The inclusion of any optional standard conditions is justified in Section 4 of this document.

Non standard conditions (NSC)

Where the proposed activities require conditions outside the standard conditions suite DER will impose one or more non-standard conditions. These include both premises and sector specific conditions, and are likely to occur within few licences. Where used, justification for the application of these conditions will be included in Section 4.



2 Administrative summary

Administrative details		
Application Type	Works Approval <input type="checkbox"/>	New Licence <input checked="" type="checkbox"/>
	Licence amendment <input type="checkbox"/>	Works Approval amendment <input type="checkbox"/>
Activities that cause the premises to become prescribed premises	Category number(s)	Assessed Design capacity
	54	1320 cubic metres per day
Application verified	Date: 25/03/2015	
Application fee paid	Date: 01/04/2015	
Works Approval has been complied with	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
Compliance Certificate received	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
Commercial-in-confidence claim	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Commercial-in-confidence claim outcome		
Is the proposal a Major Resource Project?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Was the proposal referred to the Environmental Protection Authority (EPA) under Part IV of the <i>Environmental Protection Act 1986</i> ?	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"/>
Is the proposal subject to Ministerial Conditions?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Ministerial statement No: EPA Report No:
Does the proposal involve a discharge of waste into a designated area (as defined in section 57 of the <i>Environmental Protection Act 1986</i>)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Department of Water consulted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Is the Premises within an Environmental Protection Policy (EPP) Area	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If Yes include details of which EPP(s) here.	
Is the Premises subject to any EPP requirements?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If Yes, include details here, e.g. Site is subject to SO ₂ requirements of Kwinana EPP.	



3 Executive summary of proposal

Pilbara Iron Company Services Pty Ltd (PICS) operates the Tom Price Wastewater Treatment Plant (TPWWTP). The TPWWTP services the town of Tom Price. The TPWWTP consists of a six-bag Agisac screening system and a series of oxidation ponds. The treated effluent is chlorinated before being discharged offsite to Kings Park Reserve.

TPWWTP is located approximately 1 km west of Tom Price, the nearest population centre. The nearest sensitive receptor is located approximately 1km to the east.

This partial Decision Document relates to the reissue of the licence in the old style format; all the licences associated with Rio Tinto will be converted to the REFIRE format as a collective as agreed upon by DER and Rio Tinto. Changes include updating administrative details and definitions. The map has also been updated.

DER has not re-assessed the acceptability or impacts of emissions and discharges from the premises or revisited any existing emission control levels. This licence is the successor to L5817/1994/12 and has been re-issued as a new instrument in its current format.



4 Decision table

All applications are assessed under the *Environmental Protection Act 1986*, the *Environmental Protection Regulations 1987*, DER's *Policy Statement No.7 – Operational Risk Management* and the risk matrix attached to this decision document in Appendix A. Where other references have been used in making the decision they are detailed in the decision table.

DECISION TABLE				
Works Approval / Licence section	Condition number W = Works Approval L = Licence	OSC or NSC	Justification (including risk description & decision methodology where relevant)	Reference documents
Licence Duration	N/A	N/A	The licence has been issued in its current format at expiry until the REFIRE licence is finalised. The premises is a low priority premises and the licence will be issued for 5 years.	N/A



5 Advertisement and consultation table

Date	Event	Comments received/Notes	How comments were taken into consideration
13/04/2015	Application advertised in West Australian	No comments received	N/A
14/04/2015	Proponent sent a copy of draft instrument	<p>Proponent provided comments 22/04/2015. Many relate to amendments requested in a P4 form submitted in August 2014, which had not been considered.</p> <p>These included: Requested the monitoring bore network be reduced to MB05WWTP01, MB05WWTP02 and MB05WWTP05 following a review of the bores.</p> <p>It's requested that the condition W4(c) be reworded so that it states "the licensee shall submit all water samples requiring laboratory analysis to a laboratory with current NATA accreditation ... " to allow for certain parameters to be measured in the field when it's appropriate to do so. This wording replicates the condition in other licenses held by the licensee.</p> <p>Clarification of the meaning of W5, which relates to the calculation of the contaminant load.</p> <p>Requested that wording in condition W6 specifically reference AS2971:2001. No other hazardous materials are stored on site.</p>	<p>Monitoring bores that has consistently been dry for several years has been removed from the monitoring program in W4(a)</p> <p>Rationale for change accepted and licence condition amended to allow for field testing given the remoteness of the premises.</p> <p>Condition reworded to improve clarity.</p> <p>Comment accepted and condition reworded accordingly.</p>



6. Risk Assessment

Note: This matrix is taken from the DER Corporate Policy Statement No. 07 - Operational Risk Management

Likelihood	Consequence				
	Insignificant	Minor	Moderate	Major	Severe
Almost Certain	Moderate	High	High	Extreme	Extreme
Likely	Moderate	Moderate	High	High	Extreme
Possible	Low	Moderate	Moderate	High	Extreme
Unlikely	Low	Moderate	Moderate	Moderate	High
Rare	Low	Low	Moderate	Moderate	High