



Government of **Western Australia**
Department of **Environment Regulation**

Your ref L5817/1994/13
Our ref DER2014/000865
Enquiries Damian Thomas
Phone 9168 4218
Fax 9168 2179
Email damian.thomas@der.wa.gov.au

Mr Sean Savage
Environmental Specialist
Pilbara Iron Company Services Pty Ltd
GPO Box A42
PERTH WA 6837

Dear Mr Savage

ENVIRONMENTAL PROTECTION ACT 1986: LICENCE

Premises

Tom Price Wastewater Treatment Plant
Licence Number: L5817/1994/13

You are advised that your application for a licence to operate the works prescribed under the *Environmental Protection Act 1986* at the above-mentioned location has been approved subject to the attached conditions. Your receipt for the prescribed fee will be forwarded to you separately.

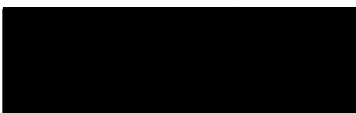
The licence includes attached conditions. Under section 58(1) of the Act, it is an offence to contravene a condition of a licence. This offence carries a penalty of up to \$125,000 and a daily penalty of up to \$25,000.

In accordance with section 102(1)(c) of the Act, you have 21 days to appeal the conditions of the licence. Under section 102(3)(a) of the Act, any other person may also appeal the conditions of the licence. To lodge an appeal contact the Office of the Appeals Convenor on 6467 5190 or by email at admin@appealsconvenor.wa.gov.au.

Where a licence is issued for more than one year it requires payment of an annual fee and will cease to have effect if the fee is unpaid. It is the occupier's responsibility to lodge a fee application and pay the annual fee in sufficient time to avoid incurring a late payment fee and for processing to be completed before the licence anniversary date.

If you have any queries regarding the above information, please contact Damian Thomas on 9168 4218.

Yours sincerely



Officer delegated under section 20
of the *Environmental Protection Act 1986*

15 May 2015

The Atrium, 168 St Georges Terrace, Perth WA 6000
Phone (08) 6467 5000 Fax (08) 6467 5562
Postal Address: Locked Bag 33, Cloisters Square, Perth WA 6850
www.der.wa.gov.au

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DEPARTMENT OF ENVIRONMENT REGULATION

Environmental Protection Act 1986

LICENCE

LICENCE NUMBER: 5817/1994/13

FILE NUMBER: DER2014/000865

NAME OF OCCUPIER:

Pilbara Iron Company Services Pty Ltd

ADDRESS OF OCCUPIER:

Level 22, Central Park
152-158 St Georges Tce
PERTH WA 6000
ACN: 107 210 248

NAME AND LOCATION OF PREMISES:

TOM PRICE WASTEWATER TREATMENT PLANT
Crown Lease L3116/10395, Nanutarra Road
TOM PRICE WA 6751

Environmental Protection Regulations 1987

CLASSIFICATION(S) OF PREMISES:

Category 54: Sewage facility

COMMENCEMENT DATE OF LICENCE: Monday, 1 June 2015

EXPIRY DATE OF LICENCE: Sunday, 31 May 2020

CONDITIONS OF LICENCE:

As described and attached:

DEFINITION(S) (3)

GENERAL CONDITION(S) (1)

WATER POLLUTION CONTROL CONDITION(S) (6)

SOLID WASTE POLLUTION CONTROL CONDITION(S) (1)

ATTACHMENT(S) (2)



Kerry Laszig
Officer delegated under Section 20
of the *Environmental Protection Act 1986*

Date of Issue: Friday, 15 May 2015

WESTERN AUSTRALIA
DEPARTMENT OF ENVIRONMENT REGULATION

Environmental Protection Act 1986

LICENCE NUMBER: L5817/1994/13

FILE NUMBER: DER2014/000865

PREAMBLE

Applicability

This licence is issued to Pilbara Iron Company (Services) Pty Ltd for the Tom Price Wastewater Treatment Plant (WWTP) located within Crown LGE I150303 at Nanutarra Road, Tom Price (Attachment 1), which is a prescribed premises within Schedule 1 of the Environmental Protection Regulations 1987, as outlined in Table 1:

Table 1: Category under which Tom Price Wastewater Treatment Plant is prescribed:

Category number	Category name
54	Sewage facility

This facility services the town of Tom Price. The wastewater treatment plant consists of a six-bag Agisac screening system and a series of oxidation ponds. The treated wastewater is chlorinated before being discharged offsite.

Other Legal Requirements

The licensee should be aware that these conditions do not exempt the premises/licensee from other statutory obligations under the *Environmental Protection Act 1986*, or any other Acts or Regulations. This includes the licensee's obligations under the:

- *Environmental Protection Regulations 1987* (as amended);
- *Environmental Protection (Noise) Regulations 1997*;
- *Environmental Protection (Unauthorised Discharges) Regulations 2004*;
- *Environmental Protection (Controlled Waste) Regulations 2004*; and
- *Environmental Protection (Clearing of Native Vegetation) Regulations 2004*.

Emergency, Accident or Malfunction

The licensee should inform the CEO as soon as practicable of the identification of any discharge of waste which has occurred as a result of an emergency, accident or malfunction, or extreme weather conditions, otherwise than in accordance with any condition of this licence and has caused or is likely to cause pollution.

Alteration to Premises

Prior to making any significant alterations to the premises which may affect the air, water or noise emissions from the premises the licensee must submit a proposal to the CEO accompanied by supporting information and plans which allow the environmental impact of that change to be assessed.

Non-Standard Operations

The licensee should inform the CEO at least 24 hours prior to the commencement of any planned non-standard operations, which may have the potential to cause pollution.

WESTERN AUSTRALIA
DEPARTMENT OF ENVIRONMENT REGULATION

Environmental Protection Act 1986

LICENCE NUMBER: L5817/1994/13

FILE NUMBER: DER2014/000865

CONDITIONS OF LICENCE
DEFINITIONS

In these conditions of licence, unless inconsistent with the text or subject matter:

“Australian Standard 5667” means the most recent version and relevant part of AS/NZS 5667;

‘CEO’ means Chief Executive Officer of the Department of Environment Regulation;

‘CEO’ for the purpose of correspondence means:

Manager Licensing (Waste North)
Department of Environment Regulation
Locked Bag 33 Cloisters Square
PERTH WA 6850
Telephone: (08) 9333 7510
Facsimile: (08) 9333 7550
Email: industry.regulation@der.wa.gov.au;

GENERAL CONDITION

REPORTING AND MONITORING

- G1 (a) The licensee shall provide to the CEO, by **30 April each year**, an Annual Environmental Report (AER), which shall include, but not necessarily limited to, all data collected in accordance with conditions of this licence. The report shall contain data collected over the previous calendar year from the **1 January** and ending on **31 December**.
- G1 (b) The licensee shall by **30 April each year**, provide to the CEO an Annual Audit Compliance Report (AACR) in the form in Attachment 2 to this licence, signed and certified in the manner required by Section C of the form, indicating the extent to which the licensee has complied with the conditions of this licence, and any previous licence issued under Part V of the Act for the Premises, for the previous calendar year from the **1 January** and ending on **31 December**.

WATER POLLUTION CONTROL CONDITIONS

SEWAGE WASTEWATER TREATMENT SYSTEM

- W1 The licensee shall manage and operate the wastewater treatment system in a manner such that:
- (i) uncontaminated stormwater runoff does not enter the treatment ponds;
 - (ii) overtopping of the treatment ponds does not occur; except as a result of an extreme rainfall event (greater than a 1 in 100 year event of 72 hours duration);
 - (iii) there is not discernible seepage loss from the treatment system;
 - (iv) vegetation (emergent or otherwise) shall be prevented from growing in the treatment system; and
 - (v) any sludges removed from the treatment system are disposed of in accordance with the Western Australian guidelines for biosolids management, Department of Environmental Conservation (December 2012).

WESTERN AUSTRALIA
DEPARTMENT OF ENVIRONMENT REGULATION

Environmental Protection Act 1986

LICENCE NUMBER: L5817/1994/13

FILE NUMBER: DER2014/000865

DISCHARGE POINT
W2 The licensee shall only discharge treated wastewater to the environment from the wastewater treatment plant via the 'Discharge point' shown in Attachment 1.

FLOW MONITORING DEVICES
W3 The licensee shall maintain suitable devices for measuring **monthly** cumulative volumes of treated wastewater discharged from the wastewater treatment plant. The monthly flow results shall be provided in the AER in accordance with General Condition G1.

WATER MONITORING PROGRAM
W4(a) The licensee shall take representative water samples from the monitoring sites shown in column 1 Table 2, at the frequencies stated in column 2 Table 2, and have analysed for the parameters listed in column 3 Table 2.

Table 2. Water monitoring program for treated wastewater and groundwater.

Monitoring sites	Sampling frequency	Parameters to be measured
Treated Wastewater Monitoring		
Wastewater treatment system discharge point (As depicted in Attachment 1)	Quarterly	pH, Filtered 5-day Biochemical Oxygen Demand, Total Dissolved Solids, Total Suspended Solids, Nitrate + Nitrite-nitrogen, Ammonium-nitrogen, Total Nitrogen, Total Phosphorus, Free chlorine and E.coli.
	Biannually	Copper, Zinc, Arsenic, Lead, and Mercury
Ground Water Monitoring		
MB05WWTP01 MB05WWTP02 MB05WWTP05	Quarterly	Filtered 5-day Biochemical Oxygen Demand, Total Dissolved Solids, Total Suspended Solids, Nitrate + Nitrite-nitrogen, Ammonium-nitrogen, Total Nitrogen, Total Phosphorus, Free chlorine, E.coli, Copper (Cu), Zinc (Zn), Arsenic (As), Lead (Pb), Mercury (Hg)

With the exception of pH and E.coli, all measurements are to be reported in milligrams per litre.

W4(b) The licensee shall collect all water samples in accordance with Australian/New Zealand Standard 5667.

W4(c) The licensee shall submit all water samples requiring laboratory analysis to a laboratory with current NATA accreditation for the analysis specified, and analysed in accordance with the current Standard Methods for Examination of Water and Wastewater-APHA-AWWA-WEF.

WESTERN AUSTRALIA
DEPARTMENT OF ENVIRONMENT REGULATION
Environmental Protection Act 1986

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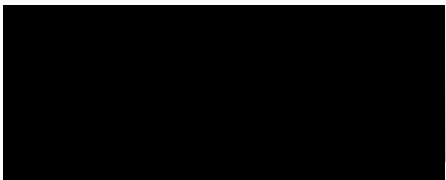
W4(d) The licensee shall present the analytical results obtained through part (c) of this condition in the AER, in tabular form.

W5 **CALCULATION OF CONTAMINANT LOAD**
The licensee shall determine the average annual load of each contaminant in the wastewater discharged from the final treatment pond (except pH and thermo-tolerant coliforms) using flow weighted data. The loads shall be based on the treated wastewater discharge volumes and the concentrations as measured in accordance with condition W3 and W4. The annual average loads of each contaminant shall be reported in the AER in kilograms per day.

W6 **BUNDING AND CONTAINMENT**
The licensee shall store environmentally hazardous chemicals such as liquefied chlorine gas in accordance with Australian Standard 2927:2001.

SOLID WASTE POLLUTION CONTROL CONDITIONS

S1 **TREATMENT POND MAINTENANCE**
The licensee shall ensure all sludge removed from the treatment ponds is stored temporarily on-site within the lined sludge drying bed. The sludge drying bed shall be managed to prevent surface runoff of leachate across the boundary of the premises. Where possible, the sludge leachate shall be returned back into the wastewater treatment system.



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20

of the *Environmental Protection Act 1986*

Date of Issue: Friday, 15 May 2015

WESTERN AUSTRALIA
DEPARTMENT OF ENVIRONMENT REGULATION
Environmental Protection Act 1986

LICENCE NUMBER: L5817/1994/13

ATTACHMENT 1: PREMISES BOUNDARY



WESTERN AUSTRALIA
DEPARTMENT OF ENVIRONMENT REGULATION

Environmental Protection Act 1986

LICENCE NUMBER: L5817/1994/13

FILE NUMBER: DER2014/000865

ATTACHMENT 2: ANNUAL AUDIT COMPLIANCE REPORT

SECTION A

LICENCE DETAILS

Licence Number:	Licence File Number:
Company Name:	ABN:
Trading as:	
Reporting period: _____ to _____	

STATEMENT OF COMPLIANCE WITH LICENCE CONDITIONS

1. Were all conditions of licence complied with within the reporting period? (please tick the appropriate box)

Yes Please proceed to Section C
No Please proceed to Section B

Each page must be initialed by the person(s) who signs Section C of this annual audit compliance report

INITIAL: _____

WESTERN AUSTRALIA
DEPARTMENT OF ENVIRONMENT REGULATION

Environmental Protection Act 1986

LICENCE NUMBER: L5817/1994/13

FILE NUMBER: DER2014/000865

SECTION B

DETAILS OF NON-COMPLIANCE WITH LICENCE CONDITION.

Please use a separate page for each licence condition that was not complied with.

a) Licence condition not complied with?	
b) Date(s) when the non compliance occurred, if applicable?	
c) Was this non compliance reported to DER?	
<input type="checkbox"/> Yes <input type="checkbox"/> Reported to DER verbally Date _____ <input type="checkbox"/> Reported to DER in writing Date _____	<input type="checkbox"/> No
d) Has DER taken, or finalised any action in relation to the non compliance?	
e) Summary of particulars of non compliance, and what was the environmental impact?	
f) If relevant, the precise location where the non compliance occurred (attach map or diagram)	
g) Cause of non compliance	
h) Action taken or that will be taken to mitigate any adverse effects of the non compliance	
i) Action taken or that will be taken to prevent recurrence of the non compliance	

Each page must be initialed by the person(s) who signs Section C of this annual audit compliance report

INITIAL: _____

WESTERN AUSTRALIA
DEPARTMENT OF ENVIRONMENT REGULATION

Environmental Protection Act 1986

LICENCE NUMBER: L5817/1994/13

FILE NUMBER: DER2014/000865

SECTION C

SIGNATURE AND CERTIFICATION

This Annual Audit Compliance Report may only be signed by a person(s) with legal authority to sign it. The ways in which the Annual Audit Compliance Report must be signed and certified, and the people who may sign the statement, are set out below.

Please tick the box next to the category that describes how this Annual Audit Compliance Report is being signed. If you are uncertain about who is entitled to sign or which category to tick, please contact the licensing officer for your premises.

If the licence holder is		The Annual Audit Compliance Report must be signed and certified:
an individual	<input type="checkbox"/>	by the individual licence holder, or
	<input type="checkbox"/>	by a person approved in writing by the Chief Executive Officer of the Department of Environment Regulation to sign on the licensee's behalf.
A firm or other unincorporated company	<input type="checkbox"/>	by the principal executive officer of the licensee; or
	<input type="checkbox"/>	by a person with authority to sign on the licensee's behalf who is approved in writing by the Chief Executive Officer of the Department of Environment Regulation.
A corporation	<input type="checkbox"/>	by affixing the common seal of the licensee in accordance with the Corporations Act 2001; or
	<input type="checkbox"/>	by two directors of the licensee; or
	<input type="checkbox"/>	by a director and a company secretary of the licensee, or
	<input type="checkbox"/>	if the licensee is a proprietary company that has a sole director who is also the sole company secretary – by that director, or
	<input type="checkbox"/>	by the principal executive officer of the licensee; or
	<input type="checkbox"/>	by a person with authority to sign on the licensee's behalf who is approved in writing by the Chief Executive Officer of the Department of Environment Regulation.
A public authority (other than a local government)	<input type="checkbox"/>	by the principal executive officer of the licensee; or
	<input type="checkbox"/>	by a person with authority to sign on the licensee's behalf who is approved in writing by the Chief Executive Officer of the Department of Environment Regulation.
a local government	<input type="checkbox"/>	by the chief executive officer of the licensee; or
	<input type="checkbox"/>	by affixing the seal of the local government.

It is an offence under section 112 of the *Environmental Protection Act 1986* for a person to give information on this form that to their knowledge is false or misleading in a material particular. There is a maximum penalty of \$50,000 for an individual or body corporate.

I/We declare that the information in this annual audit compliance report is correct and not false or misleading in a material particular.

SIGNATURE: _____

SIGNATURE: _____

NAME:(printed) _____

NAME:(printed) _____

POSITION: _____

POSITION: _____

DATE: ____ / ____ / ____

DATE: ____ / ____ / ____

SEAL (if signing under seal)