



Licence number	L8557/2011/1	
Licence holder	Kimberley Metals Group	
ACN	114 123 572	
Registered business address	38 Station Street SUBIACO WA 6008	
DWER file number	2011/004700	
Duration	07/07/2011 to	22/07/2031
Date of issue	07/07/2011	
Date of amendment	12/07/2022	
Premises details	Ridges Iron Ore Project Barge Loading Facility Wyndham WA 6740 Legal description - Mining Tenements L80/56, L80/59, L80/75 and G80/16 Barytes Road Wyndham WA 6740 As depicted in schedule 1.	

Prescribed premises category description (Schedule 1, Environmental Protection Regulations 1987)	Assessed production / design capacity
Category 58: Bulk Material loading or unloading: premises on which clinker, coal, ore, ore concentrate or any other bulk granular material (other than salt) is loaded onto or unloaded from vessels by an open loading system.	28 000 tonnes per day
Category 57: Used Tyre storage (general): premises (other than premises within category 56) on which used tyres are stored.	1000 tyres

This licence is granted to the licence holder, subject to the attached conditions, on 12 July 2022, by:

Tanya Fyfe

A/Senior Environmental Officer

INDUSTRY REGULATION

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

Contents

Contents	2
Licence History	2
Licence conditions	4
1 General	4
2 Emissions	6
3 Monitoring	7
4 Information	8
Schedule 1: Maps	10
Schedule 2: Reporting & notification forms	13

Licence History

Date	Reference number	Summary of changes
09/04/2011	W4920/2011/1	Works Approval
07/07/2011	L8557/2011/1	New Licence
03/01/2013	L8857/2011/1	Licence amendment
19/02/2015	L8557/2011/1	Licence amendment to add category 57 and conversion to REFIRE format
08/10/2015	L8557/2011/1	Licence amendment to reduce category 58 approved capacity due to care and maintenance status and to add tenement L80/75 to the premises description and boundary.
09/08/2019	L8557/2011/1	Amendment Notice 1 - to increase category 58 approved capacity due project coming out of care and maintenance and to extend the expiry date. Premises boundary is amended to include all of tenement L80/59.
12/07/2022	L8557/2011/1	<p>The CEO has initiated an amendment to the style of licence and incorporated Amendment Notice 1. The obligations of the licence holder have not changed in making this administrative amendment. During the consolidation of amendment notices, DWER has not undertaken any additional risk assessment of the premises.</p> <p>In consolidating the licence, the CEO has,</p> <ul style="list-style-type: none"> Updated the format and appearance of the licence; Deleted the redundant AACR form set out in Schedule 2 of the previous licence and advised the licence holder to obtain the form from the Department's website; Revised the licence condition numbers, removed any redundant conditions and realigned condition numbers for numerical consistency; and Corrected clerical mistakes and unintentional errors.

In this licence:

- (a) the words 'including', 'includes' and 'include' in conditions mean "including but not limited to", and similar, as appropriate;
- (b) where any word or phrase is given a defined meaning, any other part of speech or other grammatical form of that word or phrase has a corresponding meaning;
- (c) where tables are used in a condition, each row in a table constitutes a separate condition;
- (d) any reference to an Australian or other standard, guideline, or code of practice in this licence:
 - (i) if dated, refers to that particular version; and
 - (ii) if not dated, refers to the latest version and therefore may be subject to change over time;
- (e) unless specified otherwise, any reference to a section of an Act refers to that section of the EP Act; and
- (f) unless specified otherwise, all definitions are in accordance with the EP Act.

NOTE: This licence requires specific conditions to be met but does not provide any implied authorisation for other emissions, discharges, or activities not specified in this licence.

Licence conditions

1 General

1.1 Interpretation

1.1.1 In the Licence, definitions from the *Environmental Protection Act 1986* apply unless the contrary intention appears

1.1.2 For the purposes of this Licence, unless the contrary intention appears:

‘Act’ means the *Environmental Protection Act 1986*;

‘annual period’ means the inclusive period from 1 July until 30 June in the following year;

‘Approved Monitoring Device’ means Hydrolab Quanta Quality Monitoring System used to monitor pH and Electrical Conductivity;

‘AS/NZS 5667.1’ means the Australian Standard AS/NZS 5667.1 *Water Quality – Sampling – Guidance of the Design of sampling programs, sampling techniques and the preservation and handling of samples*;

‘Annual Audit Compliance Report’ means a report in a format approved by the CEO as presented by the Licence Holder or as specified by the CEO (guidelines and templates may be available on the Department’s website);

‘CEO’ means Chief Executive Officer of the Department of Water and Environmental Regulation;

‘CEO’ for the purpose of correspondence means;

Director General

Department Administering the Environmental Protection Act 1986

Locked Bag 10

JOONDALUP DC WA 6919

Email: info@dwer.wa.gov.au

‘controlled waste’ has the definition in *Environmental Protection (Controlled Waste) Regulations 2004*;

‘Licence’ means this Licence numbered L8557/2011/1 and issued under the Act;

‘Licence Holder’ means the person or organisation named as Licence Holder on page 1 of the Licence;

‘NATA’ means the National Association of Testing Authorities, Australia;

‘NATA accredited’ means in relation to the analysis of a sample that the laboratory is NATA accredited for the specified analysis at the time of the analysis;

‘Premises’ means the area defined in the Premises Map in Schedule 1 and listed as the Premises address on page 1 of the Licence;

‘Schedule 1’ means Schedule 1 of this Licence unless otherwise stated; and

‘Schedule 2’ means Schedule 2 of this Licence unless otherwise stated.

1.1.3 Any reference to an Australian or other standard in the Licence means the relevant parts of the standard in force from time to time during the term of this Licence.

- 1.1.4 Any reference to a guideline or code of practice in the Licence means the version of that guideline or code of practice in force from time to time, and shall include any amendments or replacements to that guideline or code of practice made during the term of this Licence.
- 1.1.5 Nothing in the Licence shall be taken to authorise any emission that is not mentioned in the Licence, where the emission amounts to:
- (a) pollution;
 - (b) unreasonable emission;
 - (c) discharge of waste in circumstances likely to cause pollution; or
 - (d) being contrary to any written law.

1.2 General conditions

- 1.2.1 The Licence Holder shall operate and maintain all pollution control and monitoring equipment to the manufacturer's specification or any relevant and effective internal management system.
- 1.2.2 The Licence Holder shall immediately recover, or remove and dispose of spills of environmentally hazardous materials outside an engineered containment system.
- 1.2.3 The Licence Holder shall:
- (a) Implement all practical measures to prevent stormwater run-off becoming contaminated by the activities on the Premises; and
 - (b) Treat contaminated or potentially contaminated stormwater as necessary prior to being discharged from the Premises.¹

Note1: The *Environmental Protection (Unauthorised Discharges) Regulations 2004* make it an offence to discharge certain materials into the environment.

1.3 Premises operation

- 1.3.1 The Licence Holder shall only accept waste onto the Premises if:
- (a) it is of a type listed in Table 1.3.1;
 - (b) the quantity accepted is below any quantity limit listed in Table 1.3.1; and
 - (c) it meets any specification listed in Table 1.3.1.

Table 1.3.1: Waste acceptance		
Waste type	Quantity limit unit/ annual period	Specification ¹
Inert Waste Type 2	1000	Tyres

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

- 1.3.2 The Licence Holder shall ensure that wastes accepted onto the Premises are only subjected to the process(es) set out in Table 1.3.2 and in accordance with any process limits described in that Table.

Table 1.3.2: Waste processing		
Waste type	Process(es)	Process limits ¹
Inert Waste Type 2	Receipt, handling and associated storage.	To be stored in windrows not exceeding 3 metres high, 5 metres wide and 20 metres long with a 6 metre separation distance between piles.

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

- 1.3.3 The Licence Holder shall only load iron ore from the premises.
- 1.3.4 The Licence Holder shall ensure that the ship's master immediately cleans up any spillage of granular material on the deck of the vessel being loaded.
- 1.3.5 The Licence Holder shall ensure that spilt ore material referred to in condition 1.3.4 of this licence shall be collected and deposited into the vessel's hold.
- 1.3.6 The Licence Holder shall ensure that the premises is drained such that contaminated stormwater is directed to the stormwater sediment pond (as depicted in Schedule 1) to allow for treatment of sediment and hydrocarbons prior to discharge off the premises.
- 1.3.7 The Licence Holder shall ensure that bulk material loading or unloading at the Premises does not exceed 28 000 tonnes per day.

2 Emissions

2.1 General

- 2.1.1 The Licence Holder shall record and investigate the exceedance of any descriptive or numerical limit specified in any part of section 2 of this Licence.

2.2 Point source emissions to surface water

- 2.2.1 The Licence Holder shall ensure that where waste is emitted to surface water from the emission points in Table 2.2.1 and identified on the map of emission points in Schedule 1 it is done so in accordance with the conditions of this Licence.

Table 2.2.1: Emission points to surface water		
Emission point reference and location on Map of emission points	Description	Source including abatement
W1	Stormwater Sedimentation Pond	Stormwater is directed to the sedimentation pond to treat contaminated stormwater prior to discharge to adjacent tidal flats.

- 2.2.2 The Licence Holder shall not cause or allow point source emissions to surface water greater than the limits listed in Table 2.2.2.

Table 2.2.2: Point source emission limits to surface water			
Emission point reference	Parameter	Limit (including units)	Averaging period
W1	Total Recoverable Hydrocarbon (TRH)	15 mg/L	Spot sample

2.3 Fugitive emissions to air

- 2.3.1 The Licence Holder shall ensure that no visible dust generated from the primary activities crosses the boundary of the Premises.

3 Monitoring

3.1 General monitoring

- 3.1.1 The Licence Holder shall ensure that:
- (a) all water samples are collected and preserved in accordance with AS/NZS 5667.1 unless otherwise indicated in the relevant table; and
 - (b) all laboratory samples are submitted to and tested by a laboratory with current NATA accreditation for the parameters being measured unless indicated otherwise in the relevant table.
- 3.1.2 The Licence Holder shall ensure that:
- (a) monthly monitoring is undertaken at least 15 days apart.
- 3.1.3 The Licence Holder shall ensure that all monitoring equipment used on the Premises to comply with the conditions of this Licence is calibrated in accordance with the manufacturer's specifications and the requirements of the Licence.
- 3.1.4 The Licence Holder shall, where the requirements for calibration cannot be practicably met, or a discrepancy exists in the interpretation of the requirements, bring these issues to the attention of the CEO accompanied with a report comprising details of any modifications to the methods.

3.2 Monitoring of point source emissions to surface water

- 3.2.1 The Licence Holder shall undertake the monitoring in Table 3.2.1 according to the specifications in that table.

Table 3.2.1: Monitoring of point source emissions to surface water			
Emission point reference	Parameter	Units	Frequency
W1	pH ¹		Within 24 hours of discharging to the environment and weekly during ongoing periods of discharging
	Electrical Conductivity*	µs/cm	
	Total Suspended Solids	mg/L	
	TRH		
	Aluminium		
	Arsenic		
	Barium		
	Boron		
	Cadmium		
	Calcium		
	Chromium		
	Cobalt		
	Copper		
	Iron		
	Lead		
	Magnesium		
	Manganese		
	Mercury		
	Molybdenum		
	Nickel		
	Potassium		
	Sodium		
	Vanadium		
	Zinc		

Note 1: in field non-NATA accredited analysis permitted

3.2.2 The Licence Holder shall perform the monitoring for emission point W1 required in accordance with Table 3.2.1 of this licence using the Approved Monitoring Device.

3.3 Monitoring of inputs and outputs

3.3.1 The Licence Holder shall undertake the monitoring in Table 3.3.1 according to the specifications in that table.

Table 3.3.1: Monitoring of inputs and outputs				
Input/Output	Parameter	Units	Averaging period	Frequency
Output	Iron	Tonnes per day	Daily	Daily during operations

4 Information

4.1 Records

4.1.1 All information and records required by the Licence shall:

- (a) be legible;
- (b) if amended, be amended in such a way that the original and subsequent amendments remain legible or are capable of retrieval;
- (c) except for records listed in 5.1.1(d) be retained for at least 6 years from the date the records were made or until the expiry of the Licence or any subsequent licence; and
- (d) for those following records, be retained until the expiry of the Licence and any subsequent licence:
 - (i) off-site environmental effects; or
 - (ii) matters which affect the condition of the land or waters.

4.1.2 The Licence Holder shall ensure that:

- (a) any person left in charge of the Premises is aware of the conditions of the Licence and has access at all times to the Licence or copies thereof; and
- (b) any person who performs tasks on the Premises is informed of all of the conditions of the Licence that relate to the tasks which that person is performing.

4.1.3 The Licence Holder shall complete an Annual Audit Compliance Report indicating the extent to which the Licence Holder has complied with the conditions of the Licence, and any previous licence issued under Part V of the Act for the Premises for the previous annual period.

4.1.4 The Licence Holder shall implement a complaints management system that as a minimum records the number and details of complaints received concerning the environmental impact of the activities undertaken at the Premises and any action taken in response to the complaint.

4.2 Reporting

4.2.1 The Licence Holder shall submit to the CEO an Annual Environmental Report within 120 calendar days after the end of the annual period. The report shall contain the information listed in Table 4.2.1 in the format or form specified in that table.

Table 4.2.1: Annual Environmental Report		
Condition or table (if relevant)	Parameter	Format or form
-	Summary of any failure or malfunction of any pollution control equipment and any environmental incidents that have occurred during the annual period and any action taken	None specified
Table 3.2.1	pH, Electrical Conductivity, Total Suspended Solids, TRH, Aluminium, Arsenic, Barium, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel Potassium, Selenium, Sodium, Vanadium and Zinc	WR1 ¹
Table 3.3.1	Output of Iron during operations	None specified
2.3.1	Measures taken to suppress dust	None specified
4.1.3	Compliance	Annual Audit Compliance Report (AACR) ²
4.1.4	Complaints summary	None specified

Note 1: Form is in Schedule 2

Note 2: Form is on DWER's website

4.3 Notification

4.3.1 The Licence Holder shall ensure that the parameters listed in Table 4.3.1 are notified to the CEO in accordance with the notification requirements of the table.

Table 4.3.1: Notification requirements			
Condition or table (if relevant)	Parameter	Notification requirement ¹	Format or form ²
2.1.1	Breach of any limit specified in the Licence	Part A: As soon as practicable but no later than 5pm of the next usual working day.	N1
		Part B: As soon as practicable	

Note 1: Notification requirements in the Licence shall not negate the requirement to comply with s72 of the Act

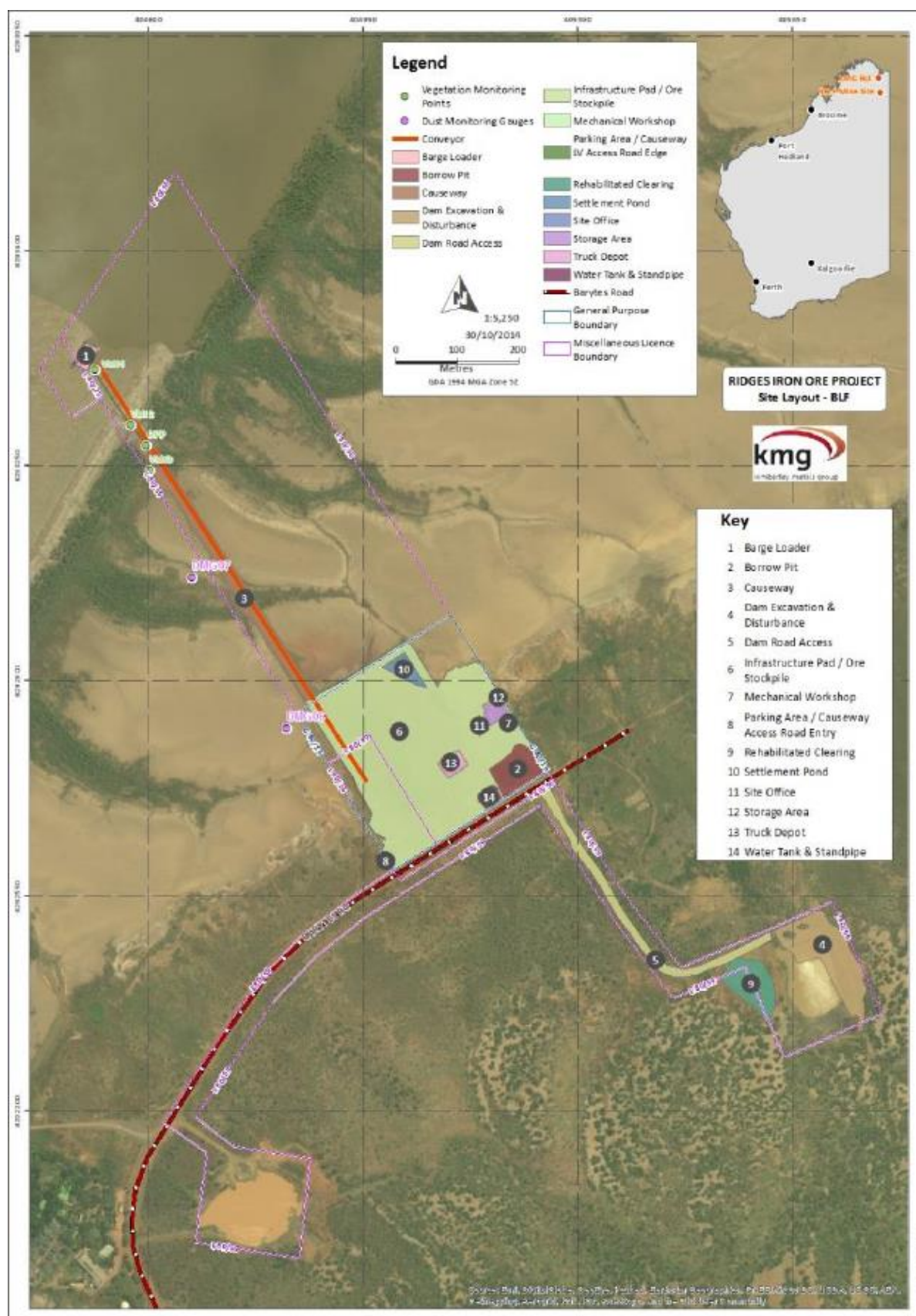
Note 2: Forms are in Schedule 2

Figure 2: Map of emission points

The locations of the emission points defined in Tables 2.2.1, 2.2.2 and 3.2.1 are shown below.



Figure 3: Map of site layout



Schedule 2: Reporting & notification forms

Licence: L8857/2011/1

Licence Holder: Kimberley Metals Group Pty Ltd

Form: N1

Date of breach:

Notification of detection of the breach of a limit or any failure or malfunction of any pollution control equipment or any incident which has caused, is causing or may cause pollution.

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

Part A

Licence Number	
Name of operator	
Location of Premises	
Time and date of the detection	

Notification requirements for the breach of a limit	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

Part B

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident.	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission.	
The dates of any previous N1 notifications for the Premises in the preceding 24 months.	

Name	
Post	
Signature on behalf of Kimberley Metals Group Pty Ltd	
Date	

Licence: L8557/2011/1

Licence Holder: Kimberley Metals Group Pty Ltd

Form: WR1

Period :

Name: Monitoring of point source emissions to surface water

Form WR1: Monitoring of point source emissions to surface water							
Emission point	Parameter	Limit	Result ¹	Result ¹	Averaging period	Method	Sample date & times
W1	pH	-					
	Electrical conductivity	-	µS/cm				
	Total Suspended Solids	-	mg/L		Spot sample		
	TRH	15mg/L	mg/L		Spot sample		
	Aluminium	-	mg/L		Spot sample		
	Arsenic	-	mg/L		Spot sample		
	Barium	-	mg/L		Spot sample		
	Boron	-	mg/L		Spot sample		
	Cadmium	-	mg/L		Spot sample		
	Calcium	-	mg/L		Spot sample		
	Chromium	-	mg/L		Spot sample		
	Cobalt	-	mg/L		Spot sample		
	Copper	-	mg/L		Spot sample		
	Iron	-	mg/L		Spot sample		

L8557/2011/1 (date of licence issue 07/07/2011 / latest update 12/07/2022)

	Lead	-	mg/L		Spot sample		
	Magnesium	-	mg/L		Spot sample		
	Manganese	-	mg/L		Spot sample		
	Mercury	-	mg/L		Spot sample		
	Molybdenum	-	mg/L		Spot sample		
	Nickel	-	mg/L		Spot sample		
	Potassium	-	mg/L		Spot sample		
	Selenium	-	mg/L		Spot sample		
	Sodium	-	mg/L		Spot sample		
	Vanadium	-	mg/L		Spot sample		
	Zinc	-	mg/L		Spot sample		

Note 1: All units are referenced to STP dry

Signed on behalf of Kimberley Metals Group Pty Ltd:

Date: