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Published on: 20 October 2017

Statement No: 1066

STATEMENT THAT A PROPOSAL MAY BE IMPLEMENTED
(*Environmental Protection Act 1986*)

SINO IRON MINE CONTINUATION

Proposal: To expand the existing iron ore mine, processing and export facility at Cape Preston.

Proponent: Sino Iron Pty Ltd and Korean Steel Pty Ltd
Australian Company Number: 058 429 708 and 058 429 600

Proponent Address: CITIC Pacific Mining Management Pty Ltd
45 St Georges Terrace, PERTH WA 6000

Assessment Number: 2118

Report of the Environmental Protection Authority: 1602

Previous Assessment Numbers: 1114 and 1814

Previous Reports of the Environmental Protection Authority: 1056 and 1343

Previous Statement Numbers: 635 and 822

Pursuant to section 45, read with section 45B of the *Environmental Protection Act 1986*¹, it has been agreed that:

1. the proposal described and documented in Schedule 1 may be implemented; and
2. the implementation of the proposal is subject to the implementation conditions in Ministerial Statement No. 635 dated 20 October 2003, as amended by the implementation agreement set out in Ministerial Statement No. 822 dated 23 December 2009, and further amended as follows.

Note: Words and expressions used in this Statement shall have the same respective meanings as in the EP Act or as provided for in Schedule 1 of this Statement.

¹ Section 45B, read with section 47 of the EP Act, means that the Proponent is to ensure that the revised proposal (being the proposal defined in Ministerial Statement No. 635, as amended by the proposal defined in Ministerial Statement No. 822 and the proposal referred to in this Statement) is to be implemented in accordance with the implementation conditions set out in Ministerial Statement No. 635, as amended by Ministerial No. 822, and this Statement.

Replace condition 16 of Ministerial Statement No. 635 with the following:

16 Rehabilitation and decommissioning – mine and borefield

- 16-1 The Proponent shall manage the implementation of the proposal to meet the following environmental objective:
- (1) ensure that the proposal is rehabilitated and decommissioned in an ecologically sustainable manner.
- 16-2 Within six months of the issue of this Statement or as otherwise agreed in writing from the CEO, the Proponent shall prepare and submit a Mine Closure Plan in accordance with the Guidelines for Preparing Mine Closure Plans, May 2015 (or any subsequent revisions of the guidelines), to the requirements of the CEO, on advice of the Department of Mines, Industry Regulation and Safety, and the Department of Water and Environmental Regulation.
- 16-3 The Proponent shall continue to implement the version of the Preliminary Decommissioning and Closure Plan most recently approved by the CEO in writing until the CEO has confirmed by notice in writing that the Mine Closure Plan satisfies the requirements of condition 16-2 to meet the objective required by 16-1.
- 16-4 The plan shall include, but not be limited to, the following:
- (1) management of fibrous materials;
 - (2) management of waste rock including waste rock capable of generating Acid Metalliferous Drainage;
 - (3) management of the Tailings Storage Facility; and
 - (4) management of pit lakes.
- 16-5 The plan shall include a schedule of progressive rehabilitation for all areas of clearing within the mine development envelope.
- 16-6 The plan shall include a performance report for the period since the last revision of the plan, including, but not limited to:
- (1) a gap analysis and risk assessment to determine what further information is required in relation to rehabilitation and decommissioning of each domain or feature;
 - (2) progress towards meeting information gaps, including results of research activities and rehabilitation trials;
 - (3) identification of actual progressive rehabilitation against the schedule of progressive rehabilitation required in condition 16-5; and
 - (4) progress against completion criteria.

- 16-7 The Proponent shall review and revise the Mine Closure Plan required by condition 16-2 at intervals not exceeding three years, or as otherwise specified by the CEO, and submit the plan to the CEO at the agreed interval.
- 16-8 The Proponent shall implement the latest revision of the Mine Closure Plan, which the CEO has confirmed by notice in writing, satisfies the requirements of condition 16-2.

Insert the following additional condition into Ministerial Statement No. 635:

17 Amendment of plans, reports, systems or programs

- 17-1 The Proponent shall revise the versions most recently approved by the CEO of plans, reports, systems or programs, required by Ministerial Statement 635, which are applicable to the Sino Iron Mine Continuation Proposal, to include the Sino Iron Mine Continuation Proposal and to be consistent with contemporary standards, policies, guidelines and procedures.
- 17-2 Within six months of the issue of this Statement, or as otherwise agreed in writing by the CEO, the Proponent shall revise and submit the plans, reports, systems or programs, required by condition 17-1, to the requirements of the CEO.
- 17-3 The Proponent shall implement the latest revision of the plans, reports, systems or programs, required by condition 17-1, which the CEO has confirmed by notice in writing, satisfies the requirements of condition 17-1.

[signed on 20 October 2017]

Hon Stephen Dawson MLC
MINISTER FOR ENVIRONMENT

Schedule 1

Table 1: Summary of the Proposal

Proposal Title	Sino Iron Mine Continuation Proposal
Short Description	<p>Expansion of the approved iron ore mine, processing plant and export facilities in the Cape Preston area.</p> <p>In addition to the proposal approved under Ministerial Statement No. 635, as amended by Ministerial Statement No. 822, the expansion includes the following:</p> <ul style="list-style-type: none"> • Mine and processing plant: deepening the mine pit, additional infrastructure (including waste storage, creek diversion and infrastructure corridors), additional dewatering and discharge of surplus dewater. • Port: an increase in port stockyard capacity.

Table 2: Location and proposed extent of physical and operational elements

Column 1	Column 2	Column 3
Element	Location	Authorised extent
Mine		
Mine and associated infrastructure	Figure 1	Additional clearing of no more than 7,366 ha (from 2,734 ha to 10,100 ha) within a development envelope of 22,737 ha
Pit depth	Figure 1	Additional 180 m (from 220 m to 400 m)
Pit dewatering		Additional abstraction of up to 6 GL/a (from 2 GL/a to 8 GL/a) of groundwater
Surplus dewater management	Figure 1 Fortescue River mouth	Additional disposal of up to 6 GL/a (from 2 GL/a to 8 GL/a) of dewater discharge to Fortescue River
Port		
Port stockyard capacity	Figure 1	Additional 2 Mt (from 1 Mt to 3 Mt)

Table 3: Abbreviations and Definitions

Acronym or Abbreviation	Definition or Term
CEO	The Chief Executive Officer of the Department of the Public Service of the State responsible for the administration of section 48 of the <i>Environmental Protection Act 1986</i> , or his delegate.
Clearing	As defined in the <i>Environmental Protection Act 1986</i>
EP Act	<i>Environmental Protection Act 1986</i>
GL/a	Gigalitres per annum
ha	Hectare
Mt	Megatonne

Figures

Figure 1 Development Envelope



Figure 1 Development Envelope

Coordinates defining the Sino Iron Mine Continuation Development Envelope in Figure 1 are held by the Department of Water and Environmental Regulation, Document Reference Number DWERDA-003110.

Attachment 1 to Ministerial Statement 1066

Change to proposal approved under section 45C of the *Environmental Protection Act 1986*

This Attachment replaces Tables 1, 2 and 3 of Schedule 1 of Ministerial Statement 1066

Proposal: Sino Iron Ore Mine Continuation

Proponent: Sino Iron Pty Ltd and Korean Steel Pty Ltd

Changes:

- Increase in Pit Dewatering.

Table 1: Summary of the Proposal

Proposal Title	Sino Iron Mine Continuation Proposal
Short Description	Expansion of the approved iron ore mine, processing plant and export facilities in the Cape Preston area. In addition to the proposal approved under Ministerial Statement No. 635, as amended by Ministerial Statement No. 822, the expansion includes the following: <ul style="list-style-type: none"> • Mine and processing plant: deepening the mine pit, additional infrastructure (including waste storage, creek diversion and infrastructure corridors), additional dewatering and discharge of surplus dewater. • Port: an increase in port stockyard capacity.

Table 2: Location and authorised extent of physical and operational elements

Element	Location	Previously Authorised Extent	Authorised Extent
Mine			
Mine and associated infrastructure	Figure 1	Additional clearing of no more than 7,366 ha (from 2,734 ha to 10,100 ha) within a development envelope of 22,737 ha	Additional clearing of no more than 7,366 ha (from 2,734 ha to 10,100 ha) within a development envelope of 22,737 ha
Pit depth	Figure 1	Additional 180 m (from 220 m to 400 m)	Additional 180 m (from 220 m to 400 m)
Pit dewatering		Additional abstraction of up to 6 GL/a (from 2 GL/a to 8 GL/a) of groundwater	Additional abstraction of up to 4 GL/a (from 8 GL/a to 12 GL/a) of groundwater
Surplus dewater management	Figure 1 Fortescue River mouth	Additional disposal of up to 6 GL/a (from 2 GL/a to 8 GL/a) of dewater discharge to Fortescue River	Additional disposal of up to 6 GL/a (from 2 GL/a to 8 GL/a) of dewater discharge to Fortescue River
Port			
Port stockyard capacity	Figure 1	Additional 2 Mt (from 1 Mt to 3 Mt)	Additional 2 Mt (from 1 Mt to 3 Mt)

Note: Text in **bold** in Table 2 indicates a change to the proposal.

Table 3: Abbreviations

Abbreviation	Term
CEO	The Chief Executive Officer of the Department of the Public Service of the State responsible for the administration of section 48 of the <i>Environmental Protection Act 1986</i> , or his delegate.
Clearing	As defined in the <i>Environmental Protection Act 1986</i>
EP Act	<i>Environmental Protection Act 1986</i>
GL/a	Gigalitres per annum
ha	Hectare
Mt	Megatonne

[signed 18 July 2018]

Dr Tom Hatton
CHAIRMAN
Environmental Protection Authority
under delegated authority

Attachment 2 to Ministerial Statement 1066

Change to proposal approved under section 45C of the *Environmental Protection Act 1986*

This Attachment replaces Attachment 1 of Ministerial Statement 1066

Proposal: Sino Iron Mine Continuation

Proponent: Sino Iron Pty Ltd and Korean Steel Pty Ltd

Changes: Increase in pit dewater disposal to the Fortescue River.

Table 1: Summary of the Proposal

Proposal Title	Sino Iron Mine Continuation
Short Description	<p>Expansion of the approved iron ore mine, processing plant and export facilities in the Cape Preston area.</p> <p>In addition to the proposal approved under Ministerial Statement 635, as amended by Ministerial Statement 822, the expansion includes the following:</p> <ul style="list-style-type: none"> • Mine and processing plant: deepening the mine pit, additional infrastructure (including waste storage, creek diversion and infrastructure corridors), additional dewatering and discharge of surplus dewater. • Port: an increase in port stockyard capacity.

Table 2: Location and authorised extent of physical and operational elements

Element	Location	Previously Authorised Extent	Authorised Extent
Mine and associated infrastructure	Figure 1	Additional clearing of no more than 7,366 ha (from 2,734 ha to 10,100 ha) within a development envelope of 22,737 ha.	Additional clearing of no more than 7,366 ha (from 2,734 ha to 10,100 ha) within a development envelope of 22,737 ha.
Pit depth	Figure 1	Additional 180 m (from 220 m to 400 m).	Additional 180 m (from 220 m to 400 m).
Pit dewatering	Figure 1	Additional abstraction of up to 4 GL/a (from 8 GL/a to 12 GL/a) of groundwater.	Additional abstraction of up to 4 GL/a (from 8 GL/a to 12 GL/a) of groundwater.

Element	Location	Previously Authorised Extent	Authorised Extent
Surplus dewater management	Fortescue River	Additional disposal of up to 6 GL/a (from 2 GL/a to 8 GL/a) of dewater discharge to Fortescue River.	Additional disposal of up to 4 GL/a (from 8 GL/a to 12 GL/a) of dewater discharge to Fortescue River.
Port stockyard capacity	Port	Additional 2 Mt (from 1 Mt to 3 Mt).	Additional 2 Mt (from 1 Mt to 3 Mt).

Note: Text in **bold** in Table 2 indicates a change to the proposal.

Table 3: Abbreviations

Abbreviation	Term
CEO	The Chief Executive Officer of the Department of the Public Service of the State responsible for the administration of section 48 of the Environmental Protection Act 1986, or his delegate
GL/a	Gigalitres per annum.
ha	Hectare.
m	Metre.
Mt	Megatonne.

Approved 1 September 2021

Professor Matthew Tonts
CHAIR
Environmental Protection Authority
under delegated authority