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Published on: 30 July 2014

Statement No. 977

RECOMMENDED ENVIRONMENTAL CONDITIONS

**STATEMENT TO AMEND CONDITIONS APPLYING TO A PROPOSAL
(PURSUANT TO THE PROVISIONS OF SECTION 46 OF THE
ENVIRONMENTAL PROTECTION ACT 1986)**

**COOLJARLOO MINE – FALCON EXTENSION APPROXIMATELY 10
KILOMETRES NORTH-WEST OF CATABY SHIRE OF DANDARAGAN**

Proposal: The extension of open pit mining of mineral sands by dredging and dry mining adjacent to existing operations. Existing dry mining and processing practices, plant and equipment will be used. Approximately 3.1 million tonnes of ore will be extracted, slurried and processed by the dry mine concentrator to extract heavy mineral concentrate for transporting to the Chandala facilities.

The proposal is further documented in Schedule 1 of Ministerial Statement 790.

Proponent: Tronox Management Pty Ltd (ACN: 009 343 364)

Proponent Address: 1 Brodie Hall Drive, BENTLEY WA 6152

Assessment Number: 1999

Previous Assessment Number: 1749

Report of the Environmental Protection Authority Number: Report 1512

Previous Report of the Environmental Protection Authority: Bulletin 1299

Previous Statement Number: Ministerial Statement 790

The implementation of the proposal to which the above report of the Environmental Protection Authority relates is subject to the conditions and procedures contained in Ministerial Statement No. 790, as amended by the following:

Schedule 2 is deleted and replaced with a revised Schedule 2; and

Condition 7 of Ministerial Statement 790 is deleted and replaced with:

7 Groundwater Drawdown

- 7-1 At all times, the proponent shall ensure that the limit of groundwater drawdown in the proposal area and in the vicinity of the proposal area does not approach the potentially acid-forming substrate to the extent that acidic waters are generated and/or released.
- 7-2 At all times, the proponent shall ensure that groundwater drawdown from mining does not impact on the hydrology of the Mount Jetty Creek system.
- 7-3 The proponent shall monitor groundwater from bores indicated in Figure 4 (attached to Ministerial Statement 790) to facilitate determination of whether the requirements of conditions 7-1 and 7-2 are being met. This monitoring is to be carried out to the satisfaction of the CEO*.
- 7-4 The proponent shall submit annually the results of the monitoring of groundwater required by condition 7-3 to the CEO.
- 7-5 The proponent shall provide proposed management measures to the CEO in the event that the requirements of conditions 7-1 and/or 7-2 are not met or are not likely to be met.
- 7-6 To avoid doubt, nothing in this approval is taken to approve the generation or exposure of acid sulphate soils or the discharge of acidic waters to the environment.

* The CEO is the Chief Executive Officer of the Department of the Public Service which is responsible for the administration of section 48 of the *Environmental Protection Act 1986*, or his delegate.

[Signed 30 July 2014]

HON ALBERT JACOB MLA
MINISTER FOR ENVIRONMENT; HERITAGE

Cooljarloo Mine – Falcon Extension

Table 1: GPS locations of *Andersonia gracilis* populations relevant to the Tronox Cooljarloo Falcon Proposal.

Population reference in Figure 3	Spatial Reference (MGA Zone 50)		Relevance (% areas are only approximate)
	Easting (m)	Northing (m)	
C	338070	6617659	50% of area within 50m of clearing
	338119	6617692	
	338224	6617524	
	338182	6617502	
D	338290	6617548	50% of area within 50m of clearing
	338385	6617382	
	338231	6617432	
E	338448	6617542	50% of area within 50m of clearing
	338774	6617460	
	338751	6617351	
	338407	6617452	
F	338880	6615650	10% of area within 50m of clearing, 90% to be cleared
	339110	6615658	
	339111	6615572	
	338892	6615572	
G	339340	6615236	5% of area within 50m of clearing
	339587	6615370	
	339626	6615317	
	339373	6615179	
H	342277	6616315	80% of area within 50m of clearing and 10% of area to be cleared
	342402	6616372	
	342454	6616252	
	342319	6616197	

Table 2: GPS locations of *Andersonia gracilis* individuals relevant to the Tronox Cooljarloo Falcon Proposal

Relevance	Spatial Reference (MGA Zone 50)		Tronox ID
	Easting (m)	Northing (m)	
To be cleared	339628	6615561	144
Within 50m of footprint	338807	6616104	282