

Notice

Environmental Protection Act 1994

Notice of decision - Temporary emissions licence

This statutory notice is issued by the administering authority pursuant to section 357E of the Environmental Protection Act 1994, to advise you of a decision or action.

Mount Rawdon Operations Pty Ltd
Level 24, 175 Liverpool Street
SYDNEY NSW 2000

Attention: Paul Wright
Email: Paul.Wright@evolutionmining.com

Your reference: EPML00712113; A-TEL-NEW-100260073
Our reference: 101/0008040

A-TEL-NEW-100260073

Application for temporary emissions licence A-TEL-NEW-100260073 for discharge of water from waste rock dump containment dam 1 (WD1), waste rock dump containment dam 2 (WD2), waste rock dump containment dam 3 (WD3) and waste rock dump containment dam 4 (WD4) via WD1 into the Perry River to minimise the risk of an uncontrolled release and at the Mount Rawdon Operations Mine, Mining Lease (ML) 1259 and ML500119.

Application

Mount Rawdon Operations Pty Ltd application for a temporary emissions licence was received by the Department of Environment and Science (the administering authority) via email on 27 May 2022 at 2.16pm (the application). The application fee of \$2,763.00 must be paid to the administering authority.

Decision

Pursuant to section 357E(1)(a)(ii) of the *Environmental Protection Act 1994*, the application has been granted subject to different terms than those requested by Mount Rawdon Operations Pty Ltd.

Temporary emissions licence approval

1. This temporary emissions licence (TEL) commences on 27 May 2022 and ends on 8 July 2022 or earlier of the conditions of the TEL cannot be achieved (TEL period).
2. This TEL overrides the following conditions of environmental authority EPML00712113 dated 16 August 2021 for the TEL period:
 - E4 Stormwater impacted by the mining activities may only be discharged from the Containment locations listed in Table E1 and must comply with the contaminant limits defined in Table E2.

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Table E2 – Containment Dams Contaminant release limits ('Table E2')

Water quality parameter	Units	Release Limit for WD1, WD2, WD3, WD4, and Spillway of Sediment Dam 3.	Release Limits for West Dam
Total Suspended Solids	mg/L	Must not exceed 1200 mg/L or 10% greater than a background value ¹ of the receiving waters whichever is the greater.	Within 10% greater than background value of the receiving water.
pH	pH units	6.0 – 9.0 (range)	6.0 – 9.0 (range)
Total Dissolved Solids	mg/L	<1000	<900
Sulfate	mg/L	<100	<100
Copper	mg/L	<0.04	<0.0025
Zinc	mg/L	<0.15	<0.031
Arsenic	mg/L	<0.05	<0.01
Cadmium	mg/L	<0.005	<0.0008
WAD Cyanide	mg/L	<0.007	<0.007

3. The following conditions apply to this TEL:

- Condition TEL1** All conditions of the EA continue to apply unless otherwise specified in this TEL.
- Condition TEL2** Water must only be released from WD1, WD2, WD3 and WD4 via WD1 into the Perry River Dam, upstream of the weir.
- Condition TEL3** Water released to the location specified in TEL2 must not exceed a maximum discharge rate of 50 litres per second or 4.32ML/day.
- Condition TEL4** The administering authority must be notified, via email to the Pollution Hotline at PollutionHotline@des.qld.gov.au, within 24 hours prior to commencement and within 24 hours following cessation of the release of water from the locations specified in condition TEL2.
- Condition TEL5** Water must be released in a controlled manner to prevent erosion of the bed or banks of the Perry River.
- Condition TEL6** Water must be released in a controlled manner to ensure sufficient mixing and dispersion in the Perry River.
- Condition TEL7** The following information must be provided to the administering authority daily when releases are occurring:
- The water level in WD1, WD2, WD3 and WD4; and
 - Contaminant monitoring results required by condition TEL9; and
 - The volume of the release to the Perry River; and
 - The flow rate in the Perry River.
- Condition TEL8** Water released from the locations specified in TEL2 must comply with the contaminant limits prescribed in TEL Table 1 – Contaminant release limits:

TEL Table 1 – Contaminant release limits

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Contaminant parameters	Contaminant Limits
Electrical Conductivity (EC)	4000 uS/cm (maximum)
pH (pH units)	6.0-9.0
Total Suspended Solids	Interpretation purposes only
Total Dissolved Solids (TDS)	Interpretation purposes only
Sulfate	Interpretation purposes only
Copper ¹	Interpretation purposes only
Zinc ¹	Interpretation purposes only
Arsenic ¹	Interpretation purposes only
Cadmium ¹	Interpretation purposes only
WAS Cyanide	Interpretation purposes only

1. Total and dissolved metals must be monitored.

Condition TEL9 Monitoring for the contaminants listed in TEL Table 1 – Contaminant release limits must be conducted when water is being released from the locations specified in condition TEL2 at the monitoring locations and frequencies specified in TEL Table 2 – Monitoring locations and frequencies:

TEL Table 2 – Monitoring locations and frequencies

Monitoring location	Monitoring frequency
WD1	Daily while releasing for EC, pH, TDS. Day 1 and every 3 days while releasing for all other parameters.
Upstream Perry River	
Downstream Perry River (as close as reasonably practical to the weir)	
Downstream Perry River (within 3 km of the weir)	

Note - The GPS locations of monitoring sites must be recorded at the first monitoring event and monitoring maintained consistently at these specific locations for all subsequent monitoring events.

Condition TEL10 Releases from WD1, WD2, WD3 and WD4 via WD1 must cease if electrical conductivity exceeds 550uS/cm downstream of the Perry River Dam.

Condition TEL11 The results of monitoring required by condition TEL9 must be provided to the administering authority via email to the Pollution Hotline at PollutionHotline@des.qld.gov.au, within the following timeframes:

- a) Within four (4) hours of completion of monitoring for EC and pH.
- b) Within 24 hours of receiving monitoring results for all other parameters.

Condition TEL12 While discharging under this TEL, visual monitoring must occur twice every day to verify that discharges in the Perry River comply with the requirements of this TEL and the

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other EA conditions. The records of this visual monitoring must be recorded and maintained onsite for the term of this TEL.

Condition TEL13 Releases from WD1, WD2, WD3 and WD4 via WD1 must cease on 8 July 2022 or when flows in the Perry River fall below 2.4m³/s at the Perry River Weir, whichever occurs first.

END OF CONDITIONS

Grounds for the decision

In deciding to grant the TEL subject to different terms than those requested by Mount Rawdon Operations Pty Ltd, the administering authority has had regard to the criteria specified under section 357D of the *Environmental Protection Act 1994*.

The conditions imposed on the granted TEL are considered necessary and desirable to ensure all environmental values of the receiving environment are protected during the TEL Period.

Should you have any queries in relation to this notice, please contact the department using the details provided below.



Signature

27 May 2022

Date

Teale Gibbs
Delegate of the Chief Executive
Environmental Protection Act 1994

Enquiries:
Department of Environment and Science
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