

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.

To: LGL Mount Rawdon Operations Pty Ltd
PO Box 6213
MELBOURNE VIC 3004

Mt Rawdon Mine
PO Box 1168
BUNDABERG QLD 4678

Email: Sven.Sewell@evolutionmining.com.au

Attention: Mr Sven Sewell, Mt Rawdon Mine / Mr Marty Costello, Northern Resource Consultants

Your reference:

Our reference: ENEL04614613, MIN102271210, SOR/108752

Application for temporary emissions licence (TEL) for discharge of mine impacted stormwater at Mt Rawdon Mine.

Thank you for your application for a temporary emissions licence. Your application, which was received by this office on 31 January 2013, has been granted as submitted.

This temporary emissions licence commences on 1 February 2013 and ends on 31 March 2013.

The licence permits the following emissions:

Release of mine impacted storm water from release point spillway of WD1 to Perry River, on a continuous basis over the duration of this TEL at a rate in compliance with the conditions specified under this approval.

The licence overrides the following conditions of approval number MIN102271210

(C2-3) *Stormwater impacted by the mining activities may only be discharged from the locations listed in Schedule C - Table 1 and indicated on Schedule I - Map 1 and must comply with the contaminant limits defined in Schedule C - Table 2.*

Schedule C - Table 1 Impacted Stormwater monitoring locations and frequency

Impacted stormwater release location	Monitoring Frequency
Spillway of Waste Rock Dump containment dam WD1	In the event of a release from the dam spillway
Spillway of Waste Rock Dump containment dam WD2	In the event of a release from the dam spillway
Spillway of Waste Rock Dump containment dam WD3	In the event of a release from the dam spillway
Spillway of Waste Rock Dump containment dam WD4	In the event of a release from the dam spillway
Spillway of Sediment Dam 2 located in gully north-east of the Tailings Storage Facility northern wall	In the event of a release from the dam spillway
Spillway of dam located in gully south of the Tailings Storage Facility southern wall	In the event of a release from the dam spillway
Spillway of West Pit sediment dam located between Working Bore MMB17, MMB18 and MMB20	In the event of a release from the dam spillway

Schedule C - Table 2 Impacted stormwater contaminant release limits

Water quality parameter	Units	Release Limit
Total Suspended Solids	mg/L	Must not exceed 1200 mg/L or 10 percent greater than a background value ¹ of the receiving water whichever is the greater.
pH	pH units	6.0 - 9.0 (range)
Total Dissolved Solids	mg/L	<1000
Sulfate	mg/L	<100
Copper	mg/L	<0.04
Zinc	mg/L	<0.15
Arsenic	mg/L	<0.05
Cadmium	mg/L	<0.005
WAD Cyanide	mg/L	<0.007

Footnote 1: A "background value" for quality characteristic A is the value of the quality characteristic measured on the same day as a background sampling and published to the point in the receiving water not affected by the release situated further than 20 metres up-current from the release point for Tasko Lids Creek and Selsden Creek.

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The following conditions apply to this licence:

Contaminant release

- 1) The only contaminant permitted to be released under this temporary emissions licence is stormwater impacted by mining activities undertaken within mining lease areas ML1206, ML1210, ML1259, ML1231, ML1203, ML1192, ML1204, ML50119, ML80095.
- 2) Stormwater must only be released from the spillway of dam WD1 into a watercourse leading to the Perry River.
- 3) Stormwater must only be released from WD1 at a rate which ensures compliance with the contaminant limits defined in Table 1 within the Perry River at a monitoring point described in condition 5 shown below.

Table 1 -Impacted stormwater contaminant release limits

Water quality parameter	Units	Release Limit
Total Suspended Solids	mg/L	Must not exceed 1200 mg/L or 10 percent greater than a background value of the receiving waters whichever is the greater.
pH	pH units	6.0 – 9.0 (range)
Total Dissolved Solids	mg/L	<1000
Sulfate	mg/L	<100
Copper	mg/L	<0.04
Zinc	mg/L	<0.15
Arsenic	mg/L	<0.05
Cadmium	mg/L	<0.005
WAD Cyanide	mg/L	<0.007

Note 1: A "background value" for a quality characteristic is the value of the quality characteristic measured on the same day at a background sampling and insitu monitoring point in the receiving waters not affected by the release situated further than 20 metres up-current from the point where the release enters the Perry River.

- 4) Stormwater must only be released from WD1 to the Perry River catchment above the Perry River Weir at a rate which results in a dilution ratio of not less than 13:87.

Monitoring requirements

- 5) The water quality in the Perry River must be monitored at a point within the Perry River directly above the potential mixing zone created by the stormwater release (a background location) and at a point below the Perry River weir for each of the quality characteristics specified in Table 1 on a daily basis. The monitoring results required by this condition must be obtained as soon as reasonably and practicably possible.

NOTE: The administering authority will take into consideration any extenuating circumstances prior to determining an appropriate enforcement response in the event condition 5 is contravened due to a

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temporary lack of safe or practical access. The administering authority expects the temporary emissions licence holder to take all reasonable and practicable measures to maintain safe and practical access to designated monitoring locations.

- 6) Results for the monitoring required by condition 5 must be provided to the administering authority, including copies of the analysis certificates from a NATA certified laboratory, at the end of each seven day period during which the release occurs. The results must also be accompanied by an assessment of actual or potential impacts on the environmental values of the receiving environment.
- 7) The water quality in the waterbodies from which water is being dewatered must be monitored for each of the quality characteristics specified in Table 1 three times per week.
- 8) An aquatic macro invertebrate monitoring program must be developed which is able to determine changes in macro invertebrate assemblage in the Perry River due to a release event.

Cessation of release

- 9) If the limits specified in Table 1 are exceeded within the Perry River at the monitoring point below the Perry River Weir, the discharge of water from WD1 must cease as soon as reasonably practicable following the receipt of monitoring results.
- 10) If the dilution ratio of stormwater discharged to flow in the Perry River specified under condition 4 cannot be achieved within the Perry River at the monitoring point below the Perry River Weir, the discharge of water from WD1 must cease.

Notification of release events

- 11) The holder of the temporary emissions licence must notify the administering authority within 24 hours of commencement or cessation of discharge from WD1.

Notification of emergencies, incidents and exception

- 12) The holder of this temporary emissions licence must notify the administering authority by written notification within 24 hours, after becoming aware of any emergency or incident which results in the release of contaminants not in accordance, or reasonably expected to be not in accordance with the conditions of this temporary emissions licence.
- 13) The holder of this temporary emissions licence must notify the administering authority by written notification within 24 hours, after becoming aware of any emergency, incident or information about circumstances which results or may result in environmental harm not in accordance with the conditions of this temporary emissions licence or a contravention of the conditions of this temporary emissions licence.
- 14) Not more than 10 business days following the initial notification of an emergency, incident or information about circumstances which result or may result in environmental harm or the release of contaminants, written advice must be provided to the administering authority in relation to:
 - a) results and interpretation of any samples taken and analysed; and
 - b) proposed actions to prevent a recurrence of the emergency or incident.

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- 15) The notification in conditions 13 and 14 must include, but not be limited to, the following:
- a) the environmental authority and temporary emissions licence number and name of the holder;
 - b) the name and telephone number of the designated contact person;
 - c) the location of the emergency or incident;
 - d) the date and time of the emergency or incident;
 - e) the time the holder of the environmental authority and temporary emissions licence became aware of the emergency or incident;
 - f) where known:
 - 1. the estimated quantity and type of substances involved in the emergency or incident;
 - 2. the actual or potential cause of the emergency or incident;
 - 3. a description of the nature and effects of the emergency or incident including environmental risks, and any risks to public health or livestock;
 - g) any sampling conducted or proposed, relevant to the emergency or incident;
 - h) immediate actions taken to prevent or mitigate any further environmental harm caused by the emergency or incident; and
 - i) what notification of stakeholders who may be affected by the emergency or incident has occurred or is being undertaken.

End of conditions.

Should you have any queries in relation to this notice, Dan Cohen on telephone (07) 4121 1816 would be happy to assist you.



Signature

1 February 2013

Date

Andrew Connor
 Department of Environment and Heritage Protection
 Delegate of the administering authority
Environmental Protection Act 1994

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