Notice

Environmental Protection Act

Decision to grant amendment of an approval of a Temporary Emissions Licence

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

Our reference : SPDE04134712

RTA Yarwun
975 Hanson Road
Yarwun, QLD 4680

Attention: Jonathon Dalton,

Re: Application for the amendment of an approval for a temporary emission licence (TEL) for release of decant/stormwater from Dam at the RTA Yarwun Residue Storage Facility.

Thank you for your application for the amendment of an approval for a temporary emission licence SPDE04134712.

Your application, which was received by this office at 12.54pm on 30 January 2013, was granted at 9.00am on 31 January 2013 with conditions.

1. Period of TEL

The temporary emission licence remains in force until 12.00pm on 4 February 2013.

2. Timing, location, duration and volume of release permitted by TEL

The temporary emission licence authorises the release of decant/stormwater from the southern dam at the RMA to Gravel Creek to achieve a 1m freeboard in that dam (approximately 380,000 m^3).

3. Development Conditions of SPDE04124712 that TEL overrides

The TEL overrides the following conditions only as they apply to release point W4 and the RMA discharge authorised by this temporary emission licence.

Permitted Contaminant Release and Discharge Point(s)

(C2) Contaminant(s) mentioned in schedule C of this development approval must only be released directly or indirectly to waters at the locations mentioned in Schedule C - Table 1 (Contaminants, sources and locations for releases to waters) and in accordance with the contaminant release conditions and limits in Schedule C - Table 2 (Release limits and monitoring).

(C8) There must be no discharge of contaminants from the Reside Management Area Dam (RMD) to waters except the seawater return line discharge released to waters from discharge location W1.

Release Monitoring

(C13) Monitoring of contaminants released to waters and water quality must be undertaken for the quality characteristics and parameters, at the monitoring point(s), and at the frequencies specified in Schedule C - Table 2 (Release limits and monitoring).

Stormwater Management

(C29) There must be no release of stormwater that has been in contact with any contaminants at the site to any waters, other than in accordance with the conditions of this development approval.

4. The amended temporary emission licence is agreed to subject to the following conditions:

1. Material released or discharged must be directed towards Gravel Creek.
2. The Department of Environment and Heritage (EHP) must be notified as soon as practical, but no later than three hours after a commencement of a discharge or release. The contact shall be by telephone to the Gladstone office of EHP during business hours, and outside business hours the notification shall be via telephone to 0411 401 355 and e-mail to mark.evans@ehp.qld.gov.au.
3. EHP must also be notified within three hours of a cessation of a release.
4. EHP must be immediately notified of any incident, or environmental impact from the release, that was not foreshadowed when making application for this TEL.
5. All samples collected for analysis, and all field monitoring locations, must be representative of the released or discharged material, or receiving waters.
6. After the cessation of discharge and release Gravel Creek must be assessed for the impact of the implementation of this TEL, and actions taken to rehabilitate the creek and/or prevent ongoing environmental harm if necessary.
7. EHP must be advised in writing, as soon as practical after the assessment required at Condition 6, of the results of the assessment and actions (and timeline for actions), if any necessary, to be taken.
8. Material discharged or released must have a pH within the range 6.0 to 8.5.
9. Apart from conditions of Development Approval SPDE04134712 specifically identified in part three (3) of this amended TEL, all conditions of the Development Approval must be complied with.
10. Decant/stormwater must only be discharged from the following locations of the RMA Dam:
    i. the southern spillway; and
    ii. the bypass channel constructed on the southern embankment; and
    iii. locations adjacent to each of the above.
11. All commitments made in the applications for the TEL dated 26 January 2013 and amendment application dated 30 January 2013 must be complied with.

12. RTA Yarwun must submit a daily report outlining the estimated volume released from the dam and all monitoring, sampling analysis and results received from the previous 24 hours.

13. Active discharge must cease as soon as is reasonably practicable if monitoring conducted in accordance with the TEL identifies that the discharge includes contaminant concentrations that may cause harm to livestock accessing Gravel Creek.

14. RTA Yarwun must undertake the following monitoring of releases from the RMA Dam.

    a. Daily: All locations in-situ parameters (Table 1) except for location W4 which must be monitored at least 3 times a day for pH, electrical conductivity and dissolved oxygen.

    b. Every three days: All locations dissolved metals and total metals as identified in Development Approval SPDE04134712.

    Note: Monitoring locations will be as marked on the attached map.

Table 1 – in-situ parameters

Location	**In-situ parameters**
Larcom Creek highway crossing (whilst flowing)	pH, electrical conductivity, dissolved oxygen
Decant from dam prior to release	pH, electrical conductivity, dissolved oxygen
W4	pH, electrical conductivity, dissolved oxygen
Gravel Creek 1km downstream of spillway	pH, electrical conductivity, dissolved oxygen
Gravel Creek Highway crossing	pH, electrical conductivity, dissolved oxygen
Calliope River camping ground	pH, electrical conductivity, dissolved oxygen
Calliope River upstream	pH, electrical conductivity, dissolved oxygen

In any case where conditions are imposed, you may apply to the administering authority for a review of the decision. You may also appeal against the decision to the Planning and Environment Court.

Information relating to a review of decisions or appeals under the *Environmental Protection Act 1994* is included with this notice. This information is intended as a guide only. You may have other legal rights and obligations.

Notice

Should you have any queries in relation to this notice, Alana Smith of the Department of Environment and Heritage Protection on telephone 07 4971 6523 would be happy to assist you.

	30 January 2013
SIGNATURE	DATE

Reuben Carlos

Executive Director | Central Region

Environmental Services and Regulation

Department of Environment and Heritage Protection

Enquiries:
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Attachment A – Sampling Locations
Attachment B – EP Act Appeal rights

Attachment A – Sampling Locations



Rio Tinto Alcan

725 362.5 0 725 1,450
Meters

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994 Grid: MGA Zone 56
Image: © DigitalGlobe, Inc. All Rights Reserved

Spillway Release Sampling Locations

Map ID: 0100-20130129-RMA spillway release sampling locations
Created By: A Cox
Date Issued: 29 January 2013

This map is for internal use only. The data provided is derived from multiple sources with varying levels of accuracy.
No guarantee is made as to the accuracy, reliability, or completeness of this map for individual use or for use with other data.

Legend
- sampling locations
- gravel creek