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: RTA Yarwun Pty Ltd
123 Albert St
BRISBANE CITY QLD 4000

Email: Ryan.Duysen@riotinto.com

Attention: Ryan Duysen

Application for temporary emissions licence (TEL) for EPPR00926513.

Thank you for your application for a temporary emissions licence. Your application, which was received by this office on 10 September 2019, has been granted subject to the conditions stipulated below.

This temporary emissions licence commences on 11 September 2019 and ends on 25 September 2019.

The licence permits the following emissions:

- The disposal of un-neutralised residue in the Residue Management Area, until 25 September 2019
- The release of settled un-nuetralised process effluent at release point W1

The licence overrides condition W2 of your Environmental Authority, approval number EPPR00926513:

W2 W2 Permitted contaminant release and discharge point(s)

Contaminant(s) must only be released directly or indirectly to waters at the locations mentioned in Schedule 3, Water - Table 1 (Contaminants, sources and locations for releases to waters) and Schedule 2, Water – Figure 2 – (Release points and monitoring locations), in accordance with the contaminant release conditions and limits in Schedule 3, Water - Table 2 (Release limits and monitoring).

Water - Table 1 Contaminants, sources and locations for releases to waters

GPS locations for release point	Release point descriptor	Contaminants and source	Permitted Waters and locations for the release
311606.000E 7362966.00N	W1	Settled neutralised process effluent, boiler blowdown and stormwater runoff from the alumina plant Effluent Pond to be	

ABN 46 640 294 485

Queensland Government

		discharged via diffuser at W9. (W1 is upstream of W9)	

Water - Table 2 Release Limits and Monitoring

Monitoring Point	Release Point	Quality characteristic	Release Limit				Monitoring Frequency
			Minimum	Median	80th Percentile	Maximum	
Discharge pipe from alumina plant effluent pond	**W1**	pH	6.5			9.5	Continuous
		Total Suspended Solids					Monthly
		Turbidity				150 NTUs	Continuous
		Aluminium (Filtered)				14mg/L	Monthly
		Aluminium (Filtered)		5mg/L			Monthly based on a 12 months rolling average
		Vanadium					Monthly

The following conditions apply to this licence:

Condition TEL1

Settled un-neutralised process effluent is authorised to be released from the Residue Management (RMA) area to release point W1 at the location specified in schedule 3, Table 1 of environmental authority EPPR00926513 for the duration of this TEL.

Condition TEL2

Where un-neutralised process effluent is released as per condition TEL1, the release of contaminants from release point W1 must be monitored daily for the quality characteristics specified in Table TEL1: Trigger Levels and Monitoring for the period of this TEL.

Condition TEL3

If the quality characteristics specified in Table TEL1 are exceeded, the EA holder must notify the administering authority within 6 hours of the EA holder becoming aware of the exceedance.

Condition TEL4

If trigger levels specified in Table TEL1 are exceeded, the EA holder must provide an investigation to the administering authority within 24 hours of the EA holder becoming aware of the exceedance. The investigation must include the following information at a minimum:

a) the extent of release estimated using current validated diffuser modelling;
b) the cause of the exceedance;
c) whether the source(s) has been removed;
d) details of environmental harm;
e) monitoring results undertaken at release point W1;
f) an interpretation of analyses of any monitoring results; and
g) proposed actions to prevent or minimise environmental harm.

Table TEL1: Trigger Levels and Monitoring

Monitoring Point	Release Point	Quality characteristic	Trigger Levels				Monitoring Frequency
			Minimum	Median	80th Percentile	Maximum	
Discharge pipe from alumina plant effluent pond	W1	pH	6.5			9.5	Daily
		Total Suspended Solids					Daily
		Turbidity				150 NTUs	Daily
		Aluminium (Filtered)				14mg/L	Daily
		Aluminium (Filtered)		5mg/L			Daily
		Vanadium					

*NTU is defined as Nephelometric Turbidity Units

Condition TEL5

The EA holder must undertake all reasonable and practicable measures to minimise the quantity of un-neutralised process effluent released into the RMA including reduced operation/processing at the refinery.

Condition TEL6

The EA holder must undertake all reasonable and practicable measures to ensure that the damaged seawater and return pipelines are repaired and commissioned as soon as possible.

Should you have any queries in relation to this notice, Brendon Steytler on telephone (07) 4222 5384 would be happy to assist you.

	11/9/19.
Signature	Date

Filiz Tansley
Department of Environment and Science
Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:
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