

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: Mackay Sugar Limited
1 Racecourse Mill
MACKAY QLD 4740

Email: p.kearney@mkysugar.com.au
Attention: Philip Kearney

Your reference: EPPR00423513
Our reference: ENEL07212817

Application for temporary emissions licence (TEL) for controlled discharge of waters from release point W1 at Racecourse Sugar Mill – Peak Downs Highway, Mackay, QLD.

Thank you for your application for a temporary emissions licence. Your application, which was received by this office on 6 April 2017, has been granted as submitted.

This temporary emissions licence commences on 6 April 2017 and ends on 6 May 2017 or earlier as stated in the conditions of this temporary emissions licence.

The licence permits the following emission:

- Emission of waste water from release point W1 for the period required to achieve a 500mm freeboard level, to commence immediately while there is significant natural flow and volume within the receiving environment (Rocky Creek).

The licence overrides the following conditions of your environmental authority, approval number EPPR00423513:

Condition C3: Quantity of Contaminants Released

The average quantity of contaminants released from release point during any day must not exceed the values listed below with the daily average being determined using the period of the release.

Number	Quantity
W1	2800 cubic metres.
W2	3900 cubic metres.
W3	2800 cubic metres.
W4	2800 cubic metres

Notice

Decision notice regarding a temporary emissions licence

Condition C4: Quality Characteristics of Release to Waters

The release of contaminants to waters must comply, at the sampling and in situ measurement points specified above, with each of the limits specified in Table 1 of Schedule C for each quality characteristic.

Condition C5: Biochemical Oxygen Demand

Compliance with Schedule C Table 1 is deemed to be achieved if no one sample exceeds 58mg/L and no more than 30% of samples collected over a period of one year exceed 20mg/L.

Condition C6: Suspended Solids

Compliance with Schedule C Table 1 is deemed to be achieved if no one sample exceeds 88mg/L and no more than 30% of samples collected over a period of one year exceed 30mg/L.

Schedule C – Table 1 – Release Quality Characteristic Limits

Quality Characteristics	Release Point Number	Release Limit	Limit Type
5-day Biogeochemical Oxygen Demans (mg/L)	W1, W2, W3, W4	20 mg/L	Maximum
Suspended Solids (mg/L)	W1, W2, W3, W4	30 mg/L	Maximum
pH (pH units)	W1, W2, W3, W4	6.5 – 8.5	Range
Dissolved Oxygen (mg/L)	W1, W2, W3, W4	2.0 mg/L	Minimum

The following conditions apply to this licence:

TEL 1

Due to the **applicable event** the release of waste water from release point W1 may commence on 6 April 2017.

The **applicable event** is described as: widespread excessive rainfall originating from Tropical Cyclone Debbie.

TEL2

If the storage freeboard of 500mm to prevent an unauthorised discharge is achieved before 6 May 2017 at the site to which this TEL applies, the TEL ceases to have effect at that site.

Decision notice regarding a temporary emissions licence

TEL3

The holder of this TEL must monitor the following parameters, at the locations, and at the frequency specified in **Table 1 - Monitoring Requirements** until such time as the temporary emissions licence ends.

Table 1 - Monitoring Requirements

Parameter	Monitoring to commence	Frequency	Location
BOD5 (mg/L)	The first sample must be taken within two (2) hours upon commencement of release	Weekly whilst discharge is occurring	Release Point Number W1 and Downstream of Release Point Number W1
Suspended Solids (mg/L)	The first sample must be taken within two (2) hours upon commencement of release	Weekly whilst discharge is occurring	
pH (pH units)	The first sample must be taken within two (2) hours upon commencement of release	Weekly whilst discharge is occurring	
Dissolved Oxygen (mg/L)	The first sample must be taken within two (2) hours upon commencement of release	Weekly whilst discharge is occurring	
Volume (L)	Continuous	Continuous	

Associated requirements

- Monitoring locations and samples must be representative of the contaminated water being released and receiving environment.
- All analyses required under this TEL must be carried out by a laboratory that has NATA certification, or an equivalent certification, for such analyses.
- Water quality monitoring must be in accordance with the methods prescribed in the current edition of the administering authority's *Monitoring and Sampling Manual*.
- All monitoring devices must be calibrated and maintained according to the manufacturer's instruction manual.

TEL4

Following the cessation of the release to the environment you must assess the impact from the release to the environment and record any impacts and action/s taken to minimise environmental harm. Impacts may include scouring or erosion at the discharge point and ponding of treated effluent in the receiving environment.

TEL5

The holder of this temporary emissions licence must:

- Keep all monitoring data for a period of not less than 5 years; and
- Notify the administering authority within 24 hours once discharge of treated effluent in accordance with the conditions of this temporary emissions licence has ceased.
- Within 14 business days of cessation of releases under this TEL, you are required to submit a copy of all monitoring results to the administering authority.

Decision notice regarding a temporary emissions licence

Should you have any queries in relation to this notice, Rebecca Walton on telephone (07) 3330 5052 would be happy to assist you.



Signature



Date

Chris Mooney
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:
Permit and Licence Management
Phone: 13 QGOV (13 74 68)
Fax: (07) 3330 5875
Email: palm@ehp.qld.gov.au