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: Isaac Regional Council
PO Box 87
MORANBAH QLD 4744

Email: brian.ashcroft@isaac.qld.gov.au
Attention: Brian Ashcroft

Your reference: EPPR00791913
Our reference: ENEL07103617

Application for temporary emissions licence (TEL) for releasing effluent from the treated effluent storage dam of Moranbah Sewage Treatment Plant.

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

This temporary emissions licence (TEL) (reference ENEL07103617) commences on 6 January 2017 and ends on 17 January 2017 or earlier as stated in the conditions of this TEL.

The effluent described in this TEL consists of treated effluent and stormwater.

The TEL overrides the following condition of your environmental authority number EPPR00791913 (formerly known as SPDE00534910):

L29 - When conditions prevent the application of treated effluent to land, the treated effluent must be directed to wet weather storage.

Temporary Emissions Licence Conditions

The TEL is granted subject to the following conditions:

Commencement of contaminant releases to waters:

TEL1

Due to the **anticipated applicable event** the release of treated effluent from the treated effluent storage dam of Moranbah Sewage Treatment Plant to Grosvenor Creek may commence on 6 January 2017.

The **anticipated applicable event** is described as: risk to structural integrity of the treated effluent storage dam wall.

ABN 46 640 294 485

Release of contaminants to waters

TEL2

The release of treated effluent to Grosvenor Creek is only authorised to occur at a rate of 10ML/day for a period of a maximum of twelve (12) consecutive days from commencement of the respective discharges.

TEL3

The release of treated effluent to Grosvenor Creek is only authorised when rainfall recorded at the Moranbah Airport weather station (BOM ID number 034035) demonstrates rainfall received.

TEL4

The flow of water in Grosvenor Creek is sufficient to provide dilution of the treated effluent to be released.

TEL 5

The release of treated effluent to Grosvenor Creek is only authorised when you assess and document that inflows to the treated effluent storage dam at Moranbah Sewage Treatment Plant presents an immediate risk of wet weather storage failure.

TEL6

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)	Within 2 hours of commencement of any release of effluent	Daily whilst discharge is occurring	1. At the discharge point (-22.0136, 148.045); 2. Receiving environment – upstream of discharge point (-22.0139, 148.045); 3. Receiving environment - downstream of discharge point (-22.0135, 148.046).
Suspended Solids (mg/L)	Within 2 hours of commencement of any release of effluent	Daily whilst discharge is occurring	
Total Nitrogen (mg/L)	Within 2 hours of commencement of any release of effluent	Daily whilst discharge is occurring	
Total Phosphorous (mg/L)	Within 2 hours of commencement of any release of effluent	Daily whilst discharge is occurring	
pH (pH units)	Within 2 hours of commencement of any release of effluent	Daily whilst discharge is occurring	
Dissolved Oxygen (mg/L)	Within 2 hours of commencement of any release of effluent	Daily whilst discharge is occurring	
Faecal Coliforms (organisms/100mL)	Within 2 hours of commencement of any release of effluent	Daily whilst discharge is occurring	
Residual Chlorine (mg/L)	Within 2 hours of commencement of any release of effluent	Daily whilst discharge is occurring	
Volume (L)	Continuous	Continuous	

Associated requirements

a) Monitoring locations and samples must be representative of the contaminated water being released and receiving environment.

b) All analyses required under this TEL must be carried out by a laboratory that has NATA certification, or an equivalent certification, for such analyses.

c) The results of all sampling and analysis, including field analysis, must be provided to the administering authority on request.

d) Water quality monitoring must be in accordance with the methods prescribed in the current edition of the administering authority's *Monitoring and Sampling Manual.*

e) All monitoring devices must be calibrated and maintained according to the manufacturer's instruction manual.

TEL7

The holder of this temporary emissions licence must:

a. Keep all monitoring data for a period of not less than 5 years; and

b. Notify the administering authority within 24 hours once discharge of treated effluent in accordance with the conditions of this temporary emissions licence has ceased.

c. 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.

Should you have any queries in relation to this notice, Amanda Gray on telephone (07) 3330 5567 would be happy to assist you.

A Gray	6/1/17
Signature	Date

Amanda Gray
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994

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