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: robin.hagen@isaac.qld.gov.au
Attention: Robin Hagen

Your reference: EPPR00791913
Our reference: ENEL07251017

Application for temporary emissions licence (TEL) for releasing effluent from the treated effluent storage dams of the following sewage treatment plants:-

- **Dysart Sewage Treatment Plant – Lot 13 Plan CNS116**
- **Moranbah Sewage Treatment Plant – Lot 1 Plan GV282**
- **Middlemount Sewage Treatment Plant – Lot 23 Plan CNS211**
- **Clermont Sewage Treatment Plant – Lot 186 Plan CLM370**
- **Nebo Sewage Treatment Plant – Lot 98 Plan SP159584**
- **Glenden Sewage Treatment Plant – Lot 5 Plan CP884891**

Thank you for your application for a temporary emissions licence. Your application, which was received by this office on 17 May 2017, has been granted as submitted.

This temporary emissions licence (TEL) (reference ENEL07251017) commences on 18 May 2017 and ends on 19 June 2017 or earlier as stated in the conditions of this temporary emissions license or when the inflows to the wastewater treatment plant returns to the designed average dry weather flows at a site, the TEL ceases to have effect at that site.

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

Part 1 - Dysart Sewage Treatment Plant – Lot 13 Plan CNS116

The TEL overrides the following condition of your environmental authority number EPPR00791913 (formerly known as NM0139):

E3 – Contaminants must not be directly or indirectly released from the licensed place to any waters or bed and banks of any waters.

ABN 46 640 294 485

The following conditions apply to this licence:

TEL1

Due to the **anticipated applicable event** the release of treated effluent from the treated effluent storage dam may commence when the dam level reaches the top operational working level (TOWL).

The **anticipated applicable event** is described as: heavy rain.

TEL2

If the storage freeboard to prevent an unauthorised discharge is achieved before 19 June 2017, the TEL ceases to have effect.

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[1]	Frequency[1]	Location[1]
BOD5 (mg/L)	Within 2 hours of commencement of any release of effluent	Daily whilst discharge is occurring	1. At the discharge point 2. Receiving environment – upstream of discharge point; 3. Receiving environment - downstream of discharge point
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

[1] Monitoring at a site listed is not required until safe access to the site is achievable.

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

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

TEL4

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.

Part 2 - Moranbah Sewage Treatment Plant – Lot 1 Plan GV282

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.

The following conditions apply to this licence:

TEL1

Due to the **anticipated applicable event** the release of treated effluent from the treated effluent storage dam may commence when the dam level reaches the top operational working level (TOWL).

The **anticipated applicable event** is described as: heavy rain.

TEL2

If the storage freeboard to prevent an unauthorised discharge is achieved before 19 June 2017, the TEL ceases to have effect.

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[1]	Frequency[1]	Location[1]
BOD5 (mg/L)	Within 2 hours of commencement of any release of effluent	Daily whilst discharge is occurring	1. At outlet of Treatment Plant 2. Receiving environment – upstream of discharge point; 3. Receiving environment - downstream of discharge point
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

[1] Monitoring at a site listed is not required until safe access to the site is achievable.

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

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

TEL4

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.

Part 3 - Middlemount Sewage Treatment Plant – Lot 23 Plan CNS211

The TEL overrides the following condition of your environmental authority number EPPR00791913 (formerly known as NM139):

E3 – Contaminants must not be directly or indirectly released from the licensed place to any waters or bed and banks of any waters.

The following conditions apply to this licence:

TEL1

Due to the **anticipated applicable event** the release of treated effluent from the treated effluent storage dam may commence when the dam level reaches the constructed invert level of spillway.

The **anticipated applicable event** is described as: heavy rain.

TEL2

If the storage freeboard to prevent an unauthorised discharge is achieved before 19 June 2017, the TEL ceases to have effect.

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[1]	Frequency[1]	Location[1]
BOD5 (mg/L)	Within 2 hours of commencement of any release of effluent	Daily whilst discharge is occurring	1. Discharge Point – At spillway 2. Receiving environment – upstream of discharge point; 3. Receiving environment - downstream of discharge point
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

[1] Monitoring at a site listed is not required until safe access to the site is achievable.

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

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

TEL4

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.

Part 4 - Clermont Sewage Treatment Plant – Lot 186 Plan CLM370

The TEL overrides the following condition of your environmental authority number EPPR00791913 (formerly known as NM140):

G3 - Contaminants must not be directly or indirectly released from the licensed place to any waters or bed and banks of any waters.

The following conditions apply to this licence:

TEL1

Due to the **anticipated applicable event** the release of treated effluent from the treated effluent storage dam may commence when the dam level reaches the constructed invert level of spillway.

The **anticipated applicable event** is described as: heavy rain.

TEL2

If the storage freeboard to prevent an unauthorised discharge is achieved before 19 June 2017, the TEL ceases to have effect.

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[1]	Frequency[1]	Location[1]
BOD5 (mg/L)	Within 2 hours of commencement of any release of effluent	Daily whilst discharge is occurring	1. Discharge Point – At spillway 2. Receiving environment – upstream of discharge point; 3. Receiving environment - downstream of discharge point
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

[1] Monitoring at a site listed is not required until safe access to the site is achievable.

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

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

TEL4

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.

Part 5 - Nebo Sewage Treatment Plant – Lot 98 Plan SP159584

The TEL overrides the following conditions of your environmental authority number EPPR00791913 (formerly known as NM0357DA):

C3-1 - Contaminants must not be released from the site to any waters or bed and banks of any waters.

C5-1 – There must be no release of stormwater runoff that has been in contact with any contaminants at the site to any waters, roadside gutter or stormwater drain.

The following conditions apply to this licence:

TEL1

Due to the **anticipated applicable event** the release of treated effluent from the treated effluent storage dam may commence when the dam level reaches the constructed invert level of spillway.

The **anticipated applicable event** is described as: heavy rain.

TEL2

If the storage freeboard to prevent an unauthorised discharge is achieved before 19 June 2017, the TEL ceases to have effect.

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[1]	Frequency[1]	Location[1]
BOD5 (mg/L)	Within 2 hours of commencement of any release of effluent	Daily whilst discharge is occurring	1. Discharge Point – At spillway 2. Receiving environment – upstream of discharge point; 3. Receiving environment - downstream of discharge point
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	Daily whilst discharge is occurring	

	release of effluent		
Volume (L)	Continuous	Continuous	

Associated requirements

[1] Monitoring at a site listed is not required until safe access to the site is achievable.

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

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

TEL4

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.

Part 6 - Glenden Sewage Treatment Plant – Lot 5 Plan CP884891

The TEL overrides the following condition of your environmental authority number EPPR00791913 (formerly known as NM0105):

E6 - Contaminants must not be directly or indirectly released from the licensed place to any waters or bed and banks of any waters.

The following conditions apply to this licence:

TEL1

Due to the **anticipated applicable event** the release of treated effluent from the treated effluent storage dam may commence when the dam level reaches the constructed invert level of spillway.

The **anticipated applicable event** is described as: heavy rain.

TEL2

If the storage freeboard to prevent an unauthorised discharge is achieved before 19 June 2017, the TEL ceases to have effect.

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[1]	Frequency[1]	Location[1]
BOD5 (mg/L)	Within 2 hours of commencement of any release of effluent	Daily whilst discharge is occurring	
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	1. Discharge Point – At spillway 2. Receiving environment – upstream of discharge point; 3. Receiving environment - downstream of discharge point
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

[1] Monitoring at a site listed is not required until safe access to the site is achievable.

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

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

TEL4

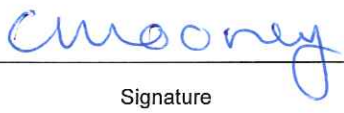
The holder of this temporary emissions licence must:

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.

	18 May 2017
Signature	Date

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

Enquiries:
Amanda Gray
Heritage, Utilities and Government Organisations Assessment
Department of Environment and Heritage Protection
GPO Box 2454
BRISBANE QLD4001
Phone: 07 - 3330 5567
Fax: 07 - 3330 6037
Email: amanda.gray@ehp.qld.gov.au