Notice

Environmental Protection Act 1994

Information notice – temporary emissions licence

As statutory notice was originally issued on 13 May 2022 by the administering authority pursuant to section 357F of the Environmental Protection Act 1994 *(the Act) to advise you of a decision to grant the application for a temporary emissions licence on different terms than have been requested in the application. On 16 May 2022, this amended non-statutory information notice was issued to advise of an amendment of a temporary emissions licence in accordance with section 357J(b) of the Act.*

To: GELITA Australia Pty Ltd
50 Flood Road
JOSEPHVILLE QLD 4285

Email: Marcelo.Sala@gelita.com

ATTN: Marcelo Sala and Anthony Finch

Reference: A-TEL-NEW-100251770

Application for a temporary emissions licence (TEL) for irrigation of wastewater at 50 Flood Road, Josephville, QLD, 4285

1 Application details

The application for a temporary emissions licence was received by the administering authority on 13 May 2022.

Application reference number: A-TEL-NEW-100251770

Land description: Lot 1 RP118424, Lot 2 RP118424, Lot 3 CP862699.

2 Decision

On 13 May 2022, the administering authority decided to grant the application on different terms than those requested.

On 16 May 2022, the administering authority amended the temporary emissions licence as agreed to by the holder in writing.

This temporary emissions licence **authorises releases commencing on 13 May 2022 and ending on 23 May 2022.**

This temporary emissions licence replaces the following conditions of this environmental authority EPPR00495113:

ABN 46 640 294 485

Condition number	Condition
A7	Notwithstanding any other condition of this environmental authority, this environmental authority does not authorise any release of contaminants which causes or is likely to cause an environmental nuisance beyond the boundaries of the approved place.
C1	Contaminants must not be directly or indirectly released from the approved place to any waters or the bed and banks of any waters except: (a) as permitted under the stormwater management schedule; or (b) to a sewer as permitted or otherwise agreed from time to time by the relevant Local Government.
C2	All ponds used for the storage or treatment of contaminants or wastes must be installed and maintained so that a minimum freeboard of 0.5 metres is maintained at all times.
E12	The release of contaminants to land must not be carried out if soil moisture conditions are such that water-logging of soils is likely to occur.
E13	When wet weather conditions or soil conditions preclude the application of final treated effluent, the contaminants must be directed to the effluent balancing storage dam.

3 Reasons for the decision

The application was granted on different terms than those submitted by the applicant when considering the criteria for decision under section 357D of the *Environmental Protection Act 1994*.

The ammonia release limits as proposed by the applicant have not been approved by the administering authority so as to protect environmental values in receiving waters. Schedule 1 of the Environmental Protection (Water and Wetland) Policy 2019 (EPP Water) prescribes the environmental values of waters that are to be enhanced and protected for the Logan River and its tributaries. The document listed in Schedule 1 of the EPP Water is titled “Logan River environmental values and water quality objectives’ and was published in July 2010. Under this document, the section(s) of the Logan River that may be impacted by Gelita’s proposed releases are classed as moderately disturbed waters. This document lists specific water quality objectives that need to be met to protect aquatic ecosystems, amongst other environmental values.

The management intent for releases of wastewater to moderately disturbed waters as per section 15(2)(c) of the EPP Water is as follows:

(i) if the measures for the indicators for all environmental values achieve the water quality objectives for the water—the measures for the indicators are maintained at levels that achieve the water quality objectives for the water; or
(ii) if the measures for the indicators for all environmental values do not achieve the water quality objectives for the water—the measures for the indicators are improved to achieve the water quality objectives for the water;

Of particular relevance to this TEL application is the concentration of ammonia N to be released to the Logan River. The prescribed WQO for ammonia N in receiving waters is 20 µg/L (0.02 mg/L). The release limits (flow rates, quality characteristics and volume) that have been imposed in the TEL conditions have been prescribed when considering the management intent for waters as per s.15(2)(c). The dilution factor applied to the authorised release rates and quality characteristics are based on minimising potential impacts in downstream receiving waters (Logan River) from Ammonia N.

4 Temporary emissions licence conditions

The following conditions temporarily apply to this licence:

Condition number	Condition
TEL-1	**Activities** under this temporary emissions licence (TEL) must be conducted in accordance with the following: (a) Releases of treated effluent from the balance storage dam (BSD) to land must be undertaken via irrigation using travelling irrigators utilising the 11 hectares of land indicated in the **irrigation area** in Appendix 1; and (b) Treated effluent is authorised for release commencing on 13 May 2022 and ending on 24 May 2022.
TEL-2	Treated effluent is permitted to be **released** to **land** and **waters** from the activity, where: (a) The **release** to land is through irrigation of a maximum 4 ML of wastewater per day to land authorised to be irrigated under condition TEL-1 (a); and (b) The **release** to **waters** is only from passive runoff of irrigated effluent from the irrigation area authorised under condition TEL-1 (a), from the **Gully Discharge Point into Logan River** .
TEL-3	The **release** of contaminants under condition TEL-2 can only occur when the flow in receiving waters (Logan River) is greater than 23m^3/s at the Round Mountain gauging station
TEL-4	The **release** of contaminants under conditions TEL-1 and TEL-2 must cease if the ammonia concentration in receiving waters (Logan River) exceeds 0.3 mg/L when measured at *P2 Downstream Gelita* as shown and described in Appendix 1.
TEL-5	The **release** of contaminants under condition TEL-2 must not adversely impact the ability to treat or utilise waters in the Logan River for drinking water supply.
TEL-6	Upon the holder of this TEL becoming aware of a contravention under condition TEL-5, all treated effluent **releases** conducted under this licence must cease immediately.
TEL-7	All reasonable and practicable **measures** must be taken to prevent or minimise environmental harm caused by the **activities**.

TEL-8

The holder of this TEL must monitor the following parameters, at the locations, and at the frequency specified in *Table 1: TEL Monitoring Requirements* until such time as all discharges under this TEL cease.

Table 1: TEL Monitoring Requirements

Parameter	Monitoring to commence	Frequency	Monitoring location
Total Nitrogen (mg/L)	Immediately once any release of effluent commences from the BSD	Weekly by a laboratory that has NATA certification for the duration of the temporary emissions licence whilst discharge is occurring	Discharge Point located at the following GPS locations: • Latitude: -28.0224484 • Longitude: 152.928448 AND Gully discharge monitoring point labelled as "Proposed Gully Discharge Point" in Appendix 1 at GPS locations: • Latitude: -28.0229068 • Longitude: 152.933545
Ammonia (mg/L as N)	Immediately once any release of effluent commences from the BSD	Daily in-situ for the duration of the temporary emissions licence whilst discharge is occurring	
		Weekly by a laboratory that has NATA certification for the duration of the temporary emissions licence whilst discharge is occurring	
Total Phosphorous (mg/L)	Immediately once any release of effluent commences from the BSD	Weekly by a laboratory that has NATA certification for the duration of the temporary emissions licence whilst discharge is occurring	
pH (pH units)	Immediately once any release of effluent commences from the BSD	Daily in situ for the duration of the temporary emissions licence whilst discharge is occurring	

	Dissolved Oxygen (mg/L)	Immediately once any release of effluent commences from the BSD	Daily in situ for the duration of the temporary emissions licence whilst discharge is occurring	Discharge Point located at the following GPS locations: • Latitude: -28.0224484 • Longitude: 152.928448 AND Gully discharge monitoring point labelled as "Proposed Gully Discharge Point" in Appendix 1 at GPS locations: • Latitude: -28.0229068 • Longitude: 152.933545
	Temperature (degrees)	Immediately once any release of effluent commences from the BSD	Daily in situ for the duration of the temporary emissions licence whilst discharge is occurring	
	Volume (L)	Immediately once any release of effluent commences from the BSD	Continuously for the duration of the temporary emissions licence whilst discharge is occurring	
	Electrical conductivity (mS/cm)	Immediately once any release of effluent commences from the BSD	Daily in situ for the duration of the temporary emissions licence whilst discharge is occurring	

TEL-9

The holder of this temporary emissions licence must monitor the following parameters, at the locations, and at the frequency specified in in *Table 2: TEL Monitoring Requirements (Receiving Environment)* until such time as all discharges under this TEL cease.

Table 2: TEL Monitoring Requirements (Receiving Environment)

Parameter	Monitoring to commence	Frequency	Location
Ammonia (mg/L as N)	Immediately once any release of effluent commences from the BSD	Daily in situ for the duration of the temporary emissions licence whilst discharge is occurring	Logan River at *P2 Downstream Gelita* as shown in Appendix 1 and GPS locations: • Latitude: -28.0173051 • Longitude: 152.940227 AND Logan River at *P1 upstream Gelita* at shown in Appendix 1 and GPS locations: • Latitude: -28.027894 • Longitude: 152.925665
		Weekly by a laboratory that has NATA certification for the duration of the temporary emissions licence whilst discharge is occurring	

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<tr><td>pH (pH units)</td><td>Immediately once any release of effluent commences from the BSD</td><td>Daily in situ for the duration of the temporary emissions licence whilst discharge is occurring</td><td rowspan="6">Logan River at P2 Downstream Gelita as shown in Appendix 1 and GPS locations:
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• Longitude: 152.940227
AND
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• Latitude: -28.027894
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<tr><td>TEL-10</td><td>The holder of this TEL must monitor and record the volume and available freeboard of the balance storage dam daily until 23 May 2022.</td></tr>
<tr><td>TEL-11</td><td>All instruments and measurement devices used for the measurement or monitoring of any parameters under this temporary emissions licence must be calibrated, and appropriated operated and maintained.</td></tr>
<tr><td>TEL-12</td><td>All analyses required under this TEL must be carried out on site, and then verified by a laboratory that has National Association of Testing Authorities (NATA) certification, or an equivalent certification, for such analyses. The only exception to this condition is for in-situ monitoring as specified in conditions TEL-8 and TEL-9.</td></tr>
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TEL-13	The holder of this TEL must provide the administering authority's Pollution Hotline with a copy of all monitoring results on a weekly basis commencing on Monday 16 May 2022.
TEL-14	If the ammonia concentration in receiving waters (Logan River) exceeds 0.3 mg/L when measured at the *Downstream Gelita MP* as shown in Appendix 1, the holder of this TEL must notify the administering authority's Pollution Hotline as soon as practicable, but within 24 hours, of becoming aware.
TEL-15	The holder of this TEL must: (a) Keep all monitoring data for a period of not less than 5 years; and (b) Notify the administering authority once discharge of effluent in accordance with the conditions of this TEL have ceased.
TEL-16	A final report must be provided to the administering authority by 14 business days after the cessation of releases under this temporary emissions licence, summarising: (a) An analysis of all monitoring results carried out in accordance with the conditions of this TEL; and (b) Whether the releases under the TEL may have caused environmental harm; and (c) The actions that were undertaken to comply with the conditions of this TEL.
TEL-17	The holder of this TEL must make reasonable efforts to notify potentially impacted downstream landholders and downstream water users of: (a) Temporary changes to emissions permitted under this TEL; (b) The reason for the temporary change to emissions; and (c) The measures that will be implemented to protect environmental values
TEL-18	Notwithstanding condition TEL-17, the operator of the weir downstream of the discharge location at GPS point Latitude -28.007351 and Longitude 152.946323 must be notified of this temporary emissions license prior to you undertaking releases under condition TEL-2 of this temporary emissions license.
TEL-19	All monitoring results must be made available to the operator of the weir mentioned in TEL-18 as soon as practicable after each monitoring event

Definitions:

Definitions in this Temporary Emissions Licence are as per environmental authority EPPR00495113 unless otherwise specified in this TEL.

The definitions specified within this TEL are as follows:

Gully Discharge Point into Logan River is the blue point depicted labelled "Gully Discharge into LOGAN River" in Appendix 1 attached to this temporary emissions licence at the following coordinates:

- Latitude: -28.0231466
- Longitude: 152.936137

Irrigation area is the orange polygon depicted in Appendix 1 attached to this temporary emissions licence.

Appendix 1

Associated GPS locations:

Map label	Latitude	Longitude
Discharge Point	-28.0224484	152.928448
Proposed Gully Discharge Point	-28.0229068	152.933545
Gully Discharge into Logan River	-28.0231466	152.936137
P1 Upstream Gelita	-28.027894	152.925665
P2 downstream Gelita	-28.0173051	152.940227

5 Review and appeal rights

You may apply to the administering authority for a review of this decision within 10 business days after receiving this notice. You may also appeal against this decision to the relevant court. Information about your review and appeal rights is attached to this notice. This information is guidance only and you may have other legal rights and obligations.

	16 May 2022
Signature	Date

Liz Clarke
Department of Environment and Science
Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:
Utilities and Government Organisations Assessment
Phone: 1300 130 372
Email: industryanddevelopment.assessment@des.qld.gov.au

Attachments

Information sheet: Internal review and appeal (ESR/2015/1742)