Notice

Environmental Protection Act 1994

Notice of decision - Temporary emissions licence

This non-statutory notice is issued by the administering authority pursuant to section 357J(b) of the Environmental Protection Act 1994*, to advise you of a decision or action.*

Lantrak Waste and Recycling Pty Ltd
18 Dansu Ct
HALLAM VIC 3803

ATTN: Michael Correll <Michael.Correll@lantrak.com.au>

Your Reference: A-TEL-NEW-100829745 / TEL100829812

Our reference: C-EATEL-100829811

1 Application details

A request to extend a temporary emissions licence (TEL) approved on 14 March 2025 for a controlled release of accumulated floodwater from Dam A and Green Gully adjacent to the Lantrak Waste and Recycling Pty Ltd waste management facility located at 1 Memorial Drive Swanbank QLD (Easement A and B in Lot 1 SP225229; Easement C in Lot 2 SP225229 and Lot 5 SP225229). Accumulation of water was caused by flash flooding following the prolonged and intense rainfall in the wake of Tropical Cyclone Alfred.

2 Decision

Your request, which was received by this office on **24 March 2025**, has been **granted**..

3 Reason for the decision

In deciding to grant the extension of the TEL requested by Lantrak Waste and Recycling Pty Ltd, the administering authority has had regard to the criteria specified under section 357D of the *Environmental Protection Act 1994* and:

- the severity of the applicable event;
- the severity of the consequences of the applicable event;
- the extent and impact of the applicable event, including the potential economic impact of not granting the TEL;
- the character, resilience and values of the receiving environment and the impact to the receiving environment from the proposed release;
- the likelihood of environmental harm and any measures necessary to minimise the harm;

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- the impacts on the site and its infrastructure;
- the impacts on the site's operation and infrastructure if the TEL is not granted;
- the state of the receiving environment following the applicable event;
- the likelihood that the release will adversely impact the health, safety or wellbeing of another person; and
- the public interest.

Lantrak Waste and Recycling Pty Ltd has also agreed in writing to the extension of the TEL100829812 until 5pm 21 April 2025.

4 Human rights

A human rights assessment was carried out in relation to this decision/action and it was determined that no human rights are engaged by the decision.

5 Omitted – amendment by agreement

6 Temporary emissions licence TEL100829812 - amended by agreement

This temporary emissions licence commenced **at 5pm on 14 March 2025** and ends **at 5pm on 21 April 2025**.

6.1 Permitted emission

The licence permits the following emission:

A controlled release of accumulated floodwater from Dam A and Green Gully via overland flow onto the adjacent property and into Lucas Creek, a tributary of Bundamba Creek.

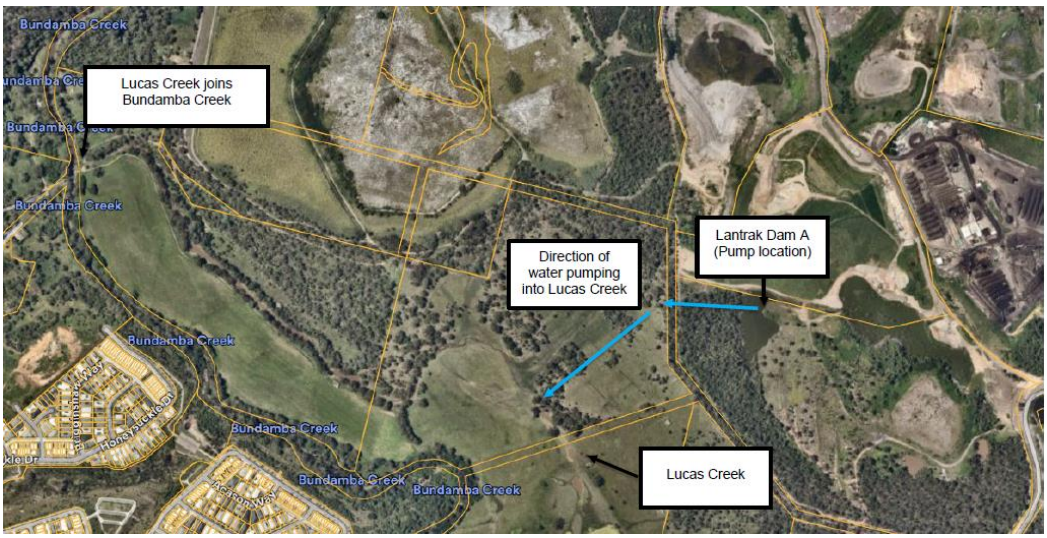
6.2 Environmental authority conditions temporarily relaxed

The TEL overrides the following conditions of your environmental authority, approval number **EPPR00703413**:

Condition	Condition
P1-WT1	Contaminants must not be released to any waters.
P2-WT2	The controlled release of treated/settled stormwater must be conducted in a way and at a rate that does not cause: a) re-suspension of particles; or b) erosion of bed or banks of receiving waters; or c) landscape damage; or d) ponding of the water; or e) vegetation damage.

6.3 Conditions of the temporary emissions licence

The following conditions apply to this licence:

General	
TEL-1	This temporary emissions licence: a) takes effect at 5pm on 14 March 2025; and b) will cease: i. at 5pm on 21 April 2025; or ii. when the water level in Green Gully is at RL50m; whichever is the earliest.
TEL-2	The authorised release is floodwater from Lantrak Dam A and Green Gully to land described as Lot 2 RP113768 via an overland flow and subsequently into Lucas Creek, a tributary of Bundamba Creek as depicted in *Figure 1 - Release location and release point*.  **Figure 1.** Release location and release point
TEL-3	The authorised release must be undertaken via a pump/s with a total flow rate that does not exceed 250L per second.
TEL-4	All conditions of the environmental authority EPPR00703413 remain in force with the exception of conditions listed in section 6.2 of this Notice.
TEL-5	Any activities authorised under this TEL must be undertaken in compliance with the general environmental duty.
TEL-6	The administering authority must be notified by a phone call to the Pollution Hotline within six (6) hours, followed by a written notification within twenty-four (24) hours, after becoming aware of any release not in accordance, or reasonably expected to be not in accordance with either, the conditions of this TEL or the EA.
Water	
TEL-7	The release of contaminants is only permitted:

a) in accordance with *Table 1 – Authorised water release points and monitoring requirements during high flow events*; and
b) when monitored at the minimum monitoring frequency for each quality characteristic specified in *Table 1 – Authorised water release points and monitoring requirements during high flow events*.

Table 1 – Authorised water release points and monitoring requirements during high flow events

Authorised release points	Monitoring requirements		
DAM A: Latitude: -27.671670 Longitude:152.813257	**Monitoring locations**	**Quality characteristic**	**Minimum monitoring frequency**
	DAM A: Latitude: -27.671670 Longitude:152.813257	Total volume released (ML)	On commencement of the release and daily during release
		Volume release rate (L/s)	
		Pump operating hours	
	DAM A: Latitude: -27.671670 Longitude:152.813257	Temperature (°C) Ammonia (mg/L as N) Dissolved oxygen (% saturation) Turbidity (NTU) pH Electrical conductivity (µS/cm) Redox potential	On commencement of the release and daily during release
	Upstream (Lucas Creek): Latitude: -27.674693 Longitude: 152.809227		
	Downstream (Lucas Creek): Latitude: -27.673505 Longitude: 152.808179		
	Bundamba Creek: Latitude: -27.673505 Longitude: 152.808179		

TEL-8 A water receiving environment monitoring program (WREMP) must be conducted by an appropriately qualified person with experience and qualifications in water monitoring to monitor the effects of the controlled release authorised under this TEL on the receiving environment.

TEL-9 A WREMP must be conducted before commencement of the release and on the last day of the controlled release in accordance with *Table 2 - TEL WREMP* at monitoring locations described in *Table 2 - TEL WREMP* and depicted in *Figure 2 - TEL WREMP locations*.

Table 2. TEL WREMP

Parameter	Monitoring location	Minimum monitoring frequency
Ammonia (mg/L as N)	DAM A: Latitude: -27.671670 Longitude:152.813257	i. On the same day the release commences
pH (pH units)		

	Dissolved Oxygen (mg/L)	Upstream (Lucas Creek): Latitude: -27.674693 Longitude: 152.809227 Downstream (Lucas Creek): Latitude: -27.673505 Longitude: 152.808179 Bundamba Creek: Latitude: -27.673505 Longitude: 152.808179 Bundamba Creek (upstream background water quality): Near Ripley Valley Rural Fire Brigade at Providence Parade South Ripley near Centenary Hwy	but immediately prior to the release; and ii. weekly from 31 March 2025 to 14 April 2025; and iii. on the last day of the release
	Electrical conductivity (mS/cm)		
	Temperature (°C)		
	Total Suspended Solids (mg/L)		
	Total Nitrogen (mg/L)		
	Nitrate (NO_3 as N) (mg/L)		
	Sulfate (mg/L)		
	Calcium (mg/L)		
	Sodium (mg/L)		
	Total Phosphorous (mg/L)		
	Total Recoverable Hydrocarbons (µg/L)		
	BOD (mg/L)		
	COD (mg/L)		
	TOC (mg/L)		
	Total Metals: Copper, Chromium, Iron, Lead, Zinc, Selenium, Nickel, Mercury, Arsenic (mg/L)		
	PFAS (with paired TOPA)#		

#For PFAS monitoring:

a) use analysis techniques that achieve lowest practicable limits of reporting (LOR <0.5 µg/kg solids; LOR <0.001 µg/L for liquids) and maximise extraction of PFAS from samples; and

b) comply with recommendations in the PFAS National Environmental Management Plan (NEMP)[1] Version 2.0 or more recent editions adopted by the Queensland Government; and

c) incorporate paired standard and Total Oxidisable Precursor (TOP) Assay analysis to determine PFAS concentrations and must include at least:

- i *Perfluoroalkyl carboxylic acids (C_4-C_{14}); and*
- ii *Perfluoroalkyl sulfonic acids (C_4-C_{10}); and*
- iii *Perfluorooctane sulfonamide (PFOSA or FOSA); and*
- iv *N-alkyl perfluorooctane sulfonamide (N-MeFOSA, N-EtFOSA); and*
- v *N-alkyl perfluorooctane sulfonamido ethanol (N-MeFOSE, N-EtFOSE); and*
- vi *N-alkyl perfluorooctane sulfonamido acetic acids (N-MeFOSAA, N-EtFOSAA); and*
- vii *n:2 Fluorotelomer sulfonic acids (n= 4, 6, 8 & 10).*

1 The PFAS NEMP is available online on the Australian Government Department of Agriculture, Water and Environment website at https://www.environment.gov.au/



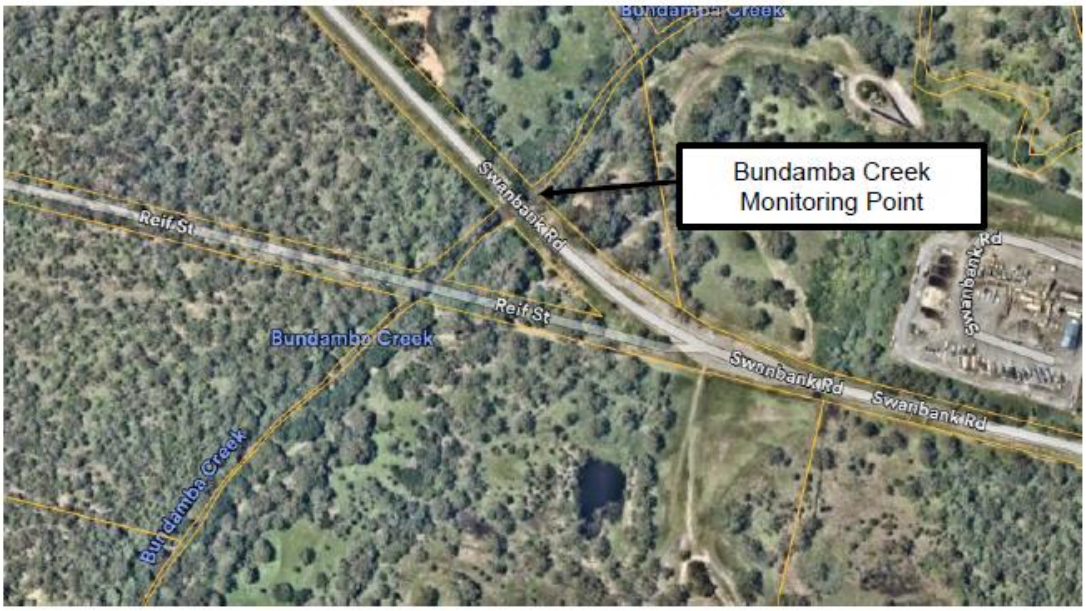


Figure 2. TEL WREMP locations

TEL-10	A daily report must be submitted to the administering authority by email to palm@des.qld.gov.au that includes: a) update on the site's operational areas and infrastructure conditions; b) level of standing accumulated flood water (RL); c) the volume of water contained in all ponds; d) available freeboard of all ponds (m); e) volume of water released, pump operating hours and operating rates; f) visual observations of daily inflows into Green Gully from upstream; g) daily rainfall received; h) visual observations of accumulated floodwater in Dam A and Green Gully; and i) visual observations of water flows in Lucas Creek and Bundamba Creek.
TEL-11	Within **20 business** days of cessation of releases under this temporary emissions licence, a report must be provided to the administering authority containing:

	a) an analysis of all monitoring results carried out in accordance with the conditions of this temporary emissions licence; b) whether the releases under this temporary emissions licence may have caused any environmental harm; and c) the measures taken to prevent or minimise environmental harm occurring from the releases.
TEL-12	The release of contaminants to waters under this temporary emissions licence must not cause: a) scouring of the land as a result of overland flow; b) erosion of the bed and banks of the receiving waters; c) disturbance to vegetation; d) landscape damage; e) ponding of the water; and/or f) a build-up of sediment.
TEL-13	The hose/pipe condition must be inspected in the morning when the site opens so any failures are identified and pumping is ceased immediately.
TEL-14	The authorised release must cease immediately if: a) the accumulated floodwater in Dam A and Green Gully changes colour and/or become anoxic; or b) the accumulated floodwater in Dam A and Green Gully becomes odorous; or c) water quality monitoring parameters monitored under condition TEL-7 are at these levels: i. Dissolved oxygen (DO) at Downstream (Lucas Creek) or Bundamba Creek - <4.0mg/L; or ii. Turbidity (NTU) - >100NTU; or iii. pH - <6.5 or >8.5; or iv. Electrical conductivity (µS/cm) - >2000 µS/cm.
TEL-15	Where the authorised release ceases under condition TEL-14, the authorised controlled release must not recommence until all in-situ water quality monitoring parameters are rectified through the implementation of additional management measures, for example treatment or mixing.

Should you have any queries in relation to this notice, please contact the department using contact details listed below.



Signature

28 March 2025

Date

Scott Blanchard
Department of the Environment, Tourism, Science and Innovation
Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:
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