1.0 BACKGROUND

Teys Australia Biloela has voluntarily entered a Transitional Environmental Program (TEP) with the Department **MAN-E-100938604)**. This report is to be provided to the Department 21 days after the end of each quarter as per *Reporting Condition 1* in the TEP. The objective of the report is to provide the Department with an update on the progress of actions identified and codified in the TEP to bring total nitrogen levels in water sent to irrigation into compliance with the limit set under the site Environmental Authority (EA).

2.0 REPORTING CONDITIONS

2.1 Condition *Reporting 1*

This condition sets out the requirements for the report. *A quarterly progress report in the form of a letter must be prepared detailing:*

- *Irrigation effluent test results,*
- *The calculated 12 month rolling average,*
- *The actions taken and any milestones achieved, and*
- *The forecasted actions to be undertaken for the following quarter.*

The letter must be submitted to the department within 21 calendar days (3 weeks) of the start of each calendar quarter. This timeframe allows for the receipt of laboratory (expected within two (2) weeks after the end of the quarter) and provides. Teys Australia Biloela Pty Ltd one (1) week to collate the results and prepare the report. The letter must be emailed to Coal and Central Compliance Gladstone via the group recipient email.

Coal and Central Compliance Gladstone cwes_gladstone@des.qld.gov.au

2.2 Condition *Reporting 2*

This condition requires notification of a change to contact details or to the EA regulating site operations. *Teys Australia Biloela Pty Ltd must provide written advice, in the form of a letter, regarding any changes to the responsible person, the responsible person's contact details, or changes to the Environmental Authority (EA) governing operations on-site (e.g., if DETSI PALM reviews the EA conditions) where such changes are likely to impact the actions identified in this Transitional Environmental Program (TEP).*

The letter must be submitted within 14 days of any such changes occurring and emailed to Coal and Central Compliance Gladstone via the group recipient email.

3. IDENTIFICATION OF QUARTER AND YEAR TO WHICH THIS REPORT RELATES

This report relates to calendar quarter 4 2025 (quarter ending 31 December 2025).

4. REPORTING INFORMATION

4.1 Irrigation effluent test results,

Routine testing was conducted on the 4/12/2025. The test result for total nitrogen (TN) was 131 mg/L.

4.2 The calculated 12 month rolling average,

The 12-month rolling average for total nitrogen (TN) is 148.8 mg/L. This is calculated from the average of the last 4 quarterly test results including the most recent result (4/12/2025).

4.3 The actions taken and any milestones achieved, and

Teys have completed the following in relation to actions identified in the meeting:

- Bank mounted aerators installed in the facultative lagoon by Teys in 2023 continue to be operated. These will assist in oxidation of ammonia to nitrite/nitrate as per discussion in meeting with the Department on the 30/04/2025.
- The desludging operation is continuing with sludge removed and settled in the anaerobic lagoon and supernatant returned to the facultative lagoon. There are visible results from desludging with a reduction in sludge level in the lagoon. This operation needs to be attended and is currently operated over a daily 8-hour shift, 5 days per week. Desludging will continue to reduce the sludge level and increase the hydraulic capacity of the lagoon, which will contribute to improved nitrification and denitrification of effluent prior to irrigation and reduction in N levels. During this last quarter the site commenced its annual shutdown period from the 4th December 2025 – 5th January 2026. Over this period the site is not processing meat product and is in a maintenance period. Due to reduced water levels limiting system use, desludging operations were reduced over this period.
- The hire polymer mixer and dosing skid to dose material to the Dissolved Air Floatation (DAF) unit remains in operation as of this update. The system is dosing at 3.5 L/hr. of polymer with 400 L/hr. of make-up water, into 1800 L/min (108,000 L/hr.) of DAF feed flow as per initial set up conditions by the supplier. This equates to 32 ppm of polymer addition.
- The DAF discharge clarity remains significantly improved from that observed prior to implementing dosing.
- Teys continues to investigate portable sludge dewatering equipment as a contingency to allow continuation of dewatering once there is hydraulic capacity in the previously empty anaerobic lagoon. The business has engaged with another supplier to identify pricing and availability of an alternative system to ensure availability on desludging equipment from a single supplier does not impose a constraint on deployment of the equipment when required by Teys to continue desludging.
- Teys is exploring desludging options to effect more rapid desludging of the lagoon. This action is not identified in the TEP but Teys will consider this action based on costings received.

4.4 The forecasted actions to be undertaken for the following quarter.

The following activities are planned to be conducted during quarter 1 2026.

- Operation of bank mounted aerators.
- Desludging operations.
- Continued operation of dosing skid for removal of solids from the DAF red stream.
- Sludge survey in February 2026.
- Complete investigation into alternate aeration options.
- Complete investigation into EOW code requirements for abbatoir pond sludge and potential treatment and reuse routes for the material.

5. Contact Details

The Environmental Officer for the site is:

Miss Ana Branez
+61 7 4992 8963
abranez@teysaust.com.au

END