Rio Tinto Yarwun
975 Hanson Road
Gladstone, Queensland 4680
Australia

Dr Jason Plumb
Compliance Delivery Manager
Department of Environment, Tourism, Science and Innovation
PO Box 5065 Gladstone QLD 4680
Email: CWES_Gladstone@detsi.qld.gov.au

30 March 2026

Dear Dr Plumb,

Subject: Quarterly Report – Transitional Environmental Program MAN-E-100998085

RTA Yarwun Pty Ltd (RTAY) submits this quarterly report in accordance with Transitional Environmental Program (TEP) MAN-E-100998085 condition TEP 7 Reporting as issued under section 340 of the *Environmental Protection Act 1994*.

This report provides an update on progress against the TEP conditions from 2 February 2026 to 30 March 2026 (reporting period), including the status of Authority to Operate (ATO) controls associated with the cogeneration gas turbine operation, HRSG steam drum replacement milestones, monitoring activities, and any issues encountered.

If you have any questions regarding this submission, please do not hesitate to contact me.

Kind regards,



Alison Green
Environment Superintendent – Yarwun
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a. Actions undertaken during the reporting period

During the reporting period, RTAY continued implementation of controls and activities required under TEP Conditions 1, 2, 3, 5 and 6. Authority to Operate (ATO) controls for the HRSG steam drum were maintained, including restricted access and remote monitoring.

A quarterly review of ATO safety controls was completed by the Superintendent Boilers and Calcination and the Manager Utilities, including an on-ground physical inspection, supported by weekly reviews of ATO control actions, in accordance with TEP 1 and TEP 5. Routine monitoring and quarterly review of cogeneration gas turbine performance was also undertaken to confirm stable operation in accordance with TEP 2 and TEP 6.

In parallel, progress on the HRSG steam drum replacement continued, including ongoing design finalisation, QA/QC documentation review and engagement with the fabrication contractor, consistent with TEP 3 requirements.

b. Effectiveness of controls and operational stability utilised during the TEP period

Controls implemented under the TEP remained effective throughout the reporting period. The quarterly ATO inspection and routine reviews confirmed that existing controls remain appropriate and effective to maintain safe operation of the HRSG steam drum, with no corrective actions required, satisfying TEP 1 and TEP 5.

Cogeneration gas turbine operation remained stable, with the turbine operating in conjunction with low NOx burners and within the required 40–100% load range, satisfying TEP 2. During the reporting period, the gas turbine did not operate below 85 MW or above 160 MW, and no trips or restarts were recorded.

Review of gas turbine performance data, including load profiles (refer Appendix 1), confirmed compliance with NOx emission limits specified under Condition A3, meeting TEP 6 requirements. A review of data from the departmental air monitoring station for nitrogen dioxide at Boat Creek indicated that ambient NO_2 levels remained stable and well below the 1-hour guideline during the reporting period (refer Appendix 2).

c. Status of the HRSG steam drum replacement

Progress on the HRSG steam drum replacement continued in line with TEP 3 milestones.

A formal project progress meeting was held on 5 March 2026 between RTAY and the fabrication contractor to review design, engineering, QA/QC documentation, procurement and schedule.

Detailed design and engineering activities are nearing completion, with nozzle drawings, general arrangement drawings and design calculations submitted to RTAY for review. QA/QC documentation, including inspection and test plans, hydrotest procedures, post-weld heat treatment procedures and third-party NDT procedures, are nearing completion.

The contractor confirmed that fabrication will proceed using a progressive design approval approach to mitigate potential schedule impacts. The project remains on track to achieve fit-for-purpose design approval by 30 June 2026, in accordance with TEP 3.

Installation activities required under TEP 4 are not applicable for this reporting period.

d. Issues encountered and proposed mitigation actions

No issues requiring notification to the administering authority under TEP 3 were identified during the reporting period.

Minor schedule pressure associated with finalisation of detailed drawings was identified; however, this is being managed through prioritisation of critical drawings and progressive design approval, with no anticipated impact to the June 2026 design approval milestone.

ATO safety controls and gas turbine operational controls remained effective throughout the quarter, and no corrective or mitigation actions were required.

Planned activities for the next quarter include continued maintenance and review of ATO controls (TEP 1 and TEP 5), ongoing monitoring and review of gas turbine performance (TEP 2 and TEP 6), and continued progression of HRSG steam drum fabrication and design approval activities (TEP 3).

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Appendix 1: Cogeneration Gas Turbine Load Profile — 1 January to 23 March 2026

(100% Load = 176 MW; 40% Load = 71 MW)



Appendix 2: Nitrogen Dioxide (NO_2) at Boat Creek — Daily Maximum 1-Hour Average

1 January to 30 March 2026

