

**INVERELL SEWERAGE TREATMENT WORKS – RENEWAL AND UPGRADE PROJECT**  
**SUMMARY REPORT – MAY 2022**

**PROJECT No:**

LIRS3 – fA1181832

**ESTIMATED PROJECT COST:**

\$2,860,000

**LOAN SUBSIDISED BY LIRS:**

\$2,000,000

**COMMENCEMENT DATE:**

March 2015

**COMPLETION DATE:**

30 November 2018 (for the LIRS loan component)

**PROJECT STATUS:**

Investigations, design and documentation for the new 6,000 Equivalent Tenement Aeration Tank (Tank 3) were finalised in June 2016.

Tenders for construction were called 1<sup>st</sup> August 2016 and closed on 2<sup>nd</sup> September 2016.

Council considered tenders received for the construction works at the 26<sup>th</sup> October 2016 Council meeting and awarded the tender to Eire Constructions Pty Ltd of Wauchope, NSW, for the amount of \$1,919,997 GST Excl.

The contractor established on site 11 January 2017. Practical Completion achieved 26 September 2017. Defects liability period complete 26 September 2018.

Other works under the renewal and upgrade project, including telemetry upgrade and refurbishment of the two existing aeration tanks are being undertaken separate to the construction of the aeration tank contract.

The telemetry upgrade commenced in January 2021 and is programmed to be completed by end May 2022 as part of an overall upgrade of the Inverell Shire Council water supply and sewerage telemetry systems.

Council engaged NSW Public Works Advisory to undertake design and documentation for the refurbishment of the two existing aeration tanks (Tanks 1 & 2) including the replacement of the aerators. The COVID 19 extended lock downs and travel restrictions delayed progress of the refurbishment project. Tenders for the construction of these works were called in March 2022 and closed 28 April 2022. Construction expected to be completed by end of 2023.

A total of 18 new stainless steel floats have been fitted to the six floating mechanical aerators on the existing aeration tanks.

Demolition of the abandoned trickling filter works has already been completed by Council.

**TIMELINES**

The following comments are provided regarding progress of the works associated with the new aeration tank:

- |  |          |
|--|----------|
| 1. Finalise Design Drawings and Specifications | Complete |
| 2. Call Tenders for Work                       | Complete |
| 3. Assess Tenders and Let Contracts            | Complete |
| 4. Site Establishment                          | Complete |
| 5. Erosion Control                             | Complete |
| 6. Demolish Abandoned Works                    | Complete |

7. Earthworks	Complete
8. Concrete Structures	Complete
9. Lining Aeration Tank	Complete
10. Pipework	Complete
11. Decanting Mechanism	Complete
12. Aerators	Complete
13. Pumps	Complete
14. Electrical Work	Complete
15. Protection Fence around Tank	Complete
16. Bitumen Sealing Roadways	Complete
17. Repair Existing Aeration Tanks	Commenced
18. Upgrade Telemetry	Nearing completion

**PROJECT EXPENDITURE TO DATE: (CNCL Ref PJ-907321)**

\$2,347,160

This amount is in excess of the \$2,000,000 associated with the LIRS interest rate subsidy.

**PROJECT CONSTRUCTION TO DATE:**

82% of overall project estimated cost.

Remainder of expenditure will be associated with the refurbishment of the two existing aeration tanks and telemetry system, scheduled for completion by end of 2023.

**PHOTOS OF COMPLETED AERATION TANK**









**COMMENTS:**

Practical Completion of the contract for construction of the new aeration tank was achieved 26 September 2017, with the project expenditure as of May 2022 of \$2,347,160 exceeding the \$2,000,000 expenditure associated with the LIRS interest rate subsidy.

**WEBSITE REPORT:**

Photos showing the construction works underway have been posted on the Inverell Shire Council website.



Michael Bryant

**Manager Environmental Engineering**