

Wentworth Shire Council
Buronga Landfill Expansion
258 Arumpo Road, Buronga NSW 2739

By email: gwebster@wamservices.com.au

Dear Mr Webster

Construction Quality Assurance Report – Stage 1A Cell 1 – Buronga Landfill – Environmental Protection Licence 20209

The NSW Environment Protection Authority (EPA) acknowledges receipt of the Construction Quality Assurance (CQA) Report prepared by Tonkin Consulting dated 7 October 2025, submitted on behalf of Wentworth Shire Council for the Buronga Landfill Stage 1A Cell 1 constructions works (the CQA Report).

The EPA understand the CQA report was submitted to demonstrate that the construction of the base liner system, leachate collection infrastructure, and interface with the existing cell were completed in accordance with the approved design, CQA Plan and Technical Specification (2024).

EPA Review

The EPA has reviewed the CQA Report against the approved design and CQA Plan and notes the following:

- The construction works were supervised and certified by Tonkin Consulting, with independent testing undertaken by Civil Test and TRI Australasia.
- The report indicates that the materials and installation of the geosynthetic clay liner (GCL), High-Density Polyethylene (HDPE) geomembrane, and drainage layers were generally compliant with the design and specification requirements.
- Minor non-conformances were recorded, including:
 - Damage to the existing cell liner during excavation and subsequent rectification using an approved methodology.
 - Variations in engineered fill and drainage gravel layer thickness above specified tolerances (considered to exceed the design intent).
 - Reduced moisture content in engineered placement to enable constructability (accepted by Tonkin and Civil Test as meeting performance requirements).
- Independent leak detection surveys confirmed no defects in the HDPE geomembrane following repairs.
- Tonkin Consulting has certified that the construction achieves the intent of the design and the requirements of the *Environmental Guidelines- Solid Waste Landfills (EPA 2016)*.

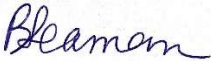
EPA Determination

Although the CQA documentation did not strictly meet all the test frequency requirements under the CQA Plan, the EPA accepts the CQA Report and is satisfied that the construction of Stage 1A Cell 1 meets the design intent and performance criteria of the approved specifications.

Accordingly, the EPA approves the *CQA Report for Stage 1A Cell 1* and grants approval for the licensee to commence use of the cell for waste disposal in accordance with EPL 20209 and the conditions of the licence.

If you have any questions regarding this matter, please contact the EPA on 131 555 or via email at info@epa.nsw.gov.au.

Kind Regards



Briohny Seaman
Unit Head - Regulatory Operations
NSW Environment Protection Authority

5 November 2025