

Attachment 1 Environmental Assessment Requirements
Woodlawn Bioreactor Expansion Modification 8 New Tank Farm
(MP10_0012-Mod-8)

1. Description of the modification, including:

- a detailed description of the proposed modification, including the relationship with, and changes to, existing operations and any staging
- a detailed description of the design of the proposed tank farm, pipelines and pumps
- a detailed description of the proposed modification’s consistency with the Woodlawn Eco-Precinct Short to Medium Term and Long-Term Leachate and Water Management Strategies
- identification of conditions of consent to be modified and proposed wording of any new or modified conditions
- identification of any proposed variations to other licences and approvals, including but not limited to, an environment protection licence.

2. Details of the existing operations on site, including:

- a description of existing and approved operations/facilities, including licences or statutory approvals that apply to these
- a summary of the existing environmental management and monitoring regime
- detailed plans of the existing and proposed site layout and structures.

3. Strategic and statutory context, including:

- the need and justification for the proposed modification having regard to its location and impacts, the suitability of the site and the public interest
- consideration of all relevant legislation, strategies, and environmental planning instruments, including identification of any inconsistencies and justifications for such departures
- detailed justification that the proposed modification is substantially the same development as the development last modified under the former s75W of the *Environmental Planning and Assessment Act 1979* (NSW).

4. Consultation with Goulburn-Mulwaree Council, relevant State government authorities, service providers, community groups, and members of the public, particularly residents of Tarago.

5. Assessment of the modification, including a detailed assessment of the key issues specified in points 6 to 11 below, in the public authority requirements, and any other significant issues identified by a risk assessment, which include:

- an assessment of all potential impacts of the proposed modification, including the cumulative impacts with the existing operations on-site
- measures to avoid, minimise, mitigate and/or manage these potential impacts, including proposals for adaptive management and/or contingency plans to manage any significant risks to the environment.

6. Soil and water, including:

- consideration of any soil contamination that may exist in the extent of the proposed earthworks including characterisation of the nature and extent of such contamination and the proposed remedial actions
- an assessment of potential surface and groundwater impacts associated with the modification, including potential impacts on watercourses, groundwater, and groundwater-dependent communities nearby
- a detailed site water balance of the existing and proposed quantity of stormwater and leachate generated, stored, evaporated, reused on-site and transported off-site
- a description of the proposed erosion and sediment controls during the construction of the proposed tank farm
- a description of how cross-contamination of the brine and leachate waste streams would be avoided

7. Air quality, an assessment of air quality impacts, including dust and odour, at sensitive receivers during construction and operation and details of any additional mitigation measures.

8. Biodiversity, including an assessment of biodiversity impacts in accordance with the Biodiversity Assessment Method and documented in a Biodiversity Development Assessment Report (BDAR) or justification that a BDAR is not required as the proposed modification will not increase the impact on biodiversity values as per subs 7.17(2)(c) of the *Biodiversity Conservation Act 2016* (NSW).

9. Aboriginal Cultural Heritage, including preparation of an Aboriginal Cultural Heritage Assessment Report.

10. Traffic and access, including a description of traffic types and volumes likely to be generated by the construction and operation of the tank farm, impacts on safety and capacities of the road network, including details of any additional management measures required.

11. Noise and vibration, including a quantitative assessment of potential construction, operational, and transport noise and vibration impacts in accordance with relevant Environment Protection Authority guidelines.