

TERMS OF REFERENCE FOR SPECIALIST INPUTS – PROPOSED WWTW AND ASSOCIATED INFRASTRUCTURE FOR LACTALIS, BONNIEVALE

BOTANICAL IMPACT ASSESSMENT (compliance statement level reporting):

- Consider the Botanical Impact Assessment prepared in 2019.
- The focus is now limited to the preferred location alternative.
- Revisit the site to determine changes in the botanical distribution, species composition and any other botanical ecosystem changes since the 2019 study was undertaken.
- Update any mapping in relation to changed ecosystem conservation ratings / aspects since 2019.
- Update the Botanical Impact Assessment to meet the requirements of the Protocols of GNR320 and GNR1150.
- Indicate whether the proposal is appropriate in the context of the site and related botanical impacts.
- Provide an opinion on the importance of the site for faunal species.
- Include a recommendation whether the proposed development is supported or whether conservation of the vegetation on site is warranted.

FRESHWATER IMPACT ASSESSMENT:

- Consider the 2019 Freshwater Impact Assessment Report prepared by Fordham.
- Carry out the required desktop research and site visit to identify all watercourses that may be affected by the proposal. Consider and report on changes since conditions reported in the 2019 Fordham report.
- Mapped watercourses to be ground-truthed to determine whether it meets the definition of watercourses as per the NWA.
- Consider the conservation status of the watercourses in question, determine the present ecological status and conservation importance to inform the development proposal.
- Consider sensitivity of aquatic biodiversity and identify areas that must be avoided or buffers that must be maintained to prevent / limit significant impacts.
- Collate findings and recommendations into a freshwater impact assessment report that meets the requirements of GNR320.
- Provide a comparative aquatic ecology impact assessment and where possible, recommend management / mitigation measures to avoid/ limit negative impacts or enhance positive impacts on aquatic resources.
- Consider the existing Water Use License issued for the proposal in identifying mitigation.
- Include a recommendation whether the proposed development is supported, and if so, which conditions are attached to this support.