

14 December 2022

Contact: *James Caddey*
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Our ref: D2022/173408

Principal Planning Officer
Industry Assessments
Department of Planning, Industry & Environment
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Dear Sir/Madam

Subject: Woodlawn Advanced Energy Recovery Centre (SSD-121184278)

WaterNSW appreciates the opportunity to provide comments regarding the EIS for the Woodlawn Advanced Energy Recovery Centre (SSD-121184278).

WaterNSW has reviewed the Environmental Impact Statement prepared by EMM (V3 dated 10 October 2022) and provides the following comments:

- As the development is located within the Sydney Drinking Water Catchment, Part 6.5 of the *State Environmental Planning Policy (Biodiversity and Conservation) 2021* (the SEPP) apply.
- Water NSW generally agrees with the criteria suggested to show that the proposal has a neutral or beneficial effect (NorBE) on water quality ie
 - the cumulative changes due to the project result in lower water levels in ED1, for a full range of weather conditions; or
 - the cumulative changes due to the project result in higher water levels in ED1, but there is no impact to the operational effectiveness of the dam, as it can still receive pumped inflows from the PCD and Waste Rock Dam for a full range of weather conditions
 - separation of potentially contaminated water from stormwater runoff
 - includes a stormwater management system that is consistent with industry best practice (also referred to as current recommended practices) for an industrial area; and
 - includes a wastewater (ie sewage) management system that is designed and operated in accordance with the methods described in *Designing and Installing On-Site Wastewater Systems* (WaterNSW 2019b).

However, an increase in water level in ED1 may increase the seepage from ED1 so this matter should also be included in the NorBE assessment.

- More information is required on the following matters:
 - how sewage is to be managed during the construction phase of the project

- possible quality and quantity of any overflow/effluent of the quenching process for the IBA and how that water is to be managed
- more detail on the base of the IBA area as the base is described as “hardstand” and impermeable, and
- comparison of the meteorological data used for the ED1 “wet years” against the current wet period.

WaterNSW requests:

- An electronic copy of the MUSIC model referred in Appendix V – Surface Water Impact Assessment of the EIS to confirm that the model meets the requirements of the Current Recommended Practice
- Consideration be given to the roofing of the IBA storage area to limit the production of leachate in that area, and
- A map showing the location of the existing seepage plume from ED1.

WaterNSW requests that it shall be included as an agency for consultation in the review and update of the following information/plans as part of the Conditions of Approval:

- The testing and classification of the IBA and APRc, especially with regards to leachate from those materials.
- The Water Management Plan.
- Any changes to the Landfill Closure and Rehabilitation Management Plan.

It is requested that WaterNSW be listed a stakeholder in any further consultation on the project and looks forward to reviewing the forthcoming RTS and/or draft conditions of approval.

If you have any questions, please contact Jim Caddey via email at environmental.assessments@waterNSW.com.au.

Yours sincerely



for

DARYL GILCHRIST
Manager Catchment Protection