

The Secretary
NSW Planning, Industry & Environment

29 October 2021

ATTENTION: Nathan Heath

Dear Sir or Madam

I refer to the Department's below email of 19 October 2021 regarding the Environmental Impact Statement (EIS) for State Significant Infrastructure SSI-8609189 Upper South Creek Advanced Water Recycling Centre for 'Concept and Stage 1 development application for an Advanced Water Recycling Centre to provide wastewater services and recycled water for the Aerotropolis and South West Growth Areas and associated pipelines' located off Elizabeth Drive Kemps Creek (Lot 21 DP 258414). Submissions need to be made to the Department by 17 November 2021.

Please refer to Endeavour Energy's previous submission made to the Department via email on 7 August 2020 for the Secretary's Environmental Assessment Requirements (SEARs) for Infrastructure SSI-8609189 Upper South Creek Advanced Water Recycling Centre. The recommendations and comments provided therein remain valid.

Endeavour Energy's further recommendations and comments are as follows:

- Network Capacity / Connection

Endeavour Energy has noted the following in the EIS.

13.2.2 Required utilities

Power

The AWRC requires electricity to operate and Sydney Water has applied to Endeavour Energy (Network Connections Branch) for a staged power supply up to an ultimate requirement of 23.4 MVA by 2040. Endeavour Energy has issued a connection offer to cover Stage 1 requirements of 6.4 MVA by 2025 from the existing Kemps Creek Zone substation. They have indicated that by 2030 the supply will be moved to a new C3 zone substation that is proposed to cater for growth in the area.

The power supply to the AWRC, to be delivered by Endeavour Energy, will be assessed in a separate environmental impact assessment and has not been assessed in this EIS. Sydney Water will obtain any required approvals and permits from Endeavour Energy.

Low voltage power will also be required at the following pipeline locations:

- Brine pipeline connection location at Lansdowne Reserve, Lansdowne to control the actuated valve.
- Treated water flow splitter structure at Bents Basin Road, Wallacia.

Sydney Water has also consulted with Endeavour Energy about the requirements for that power supply. Whilst the capacity exists to meet this need, during detailed design Sydney Water will apply formally to Endeavour Energy for power supply to the above locations and obtain the required approvals and permits.

The applicant should continue to complete the application for connection of additional load process with Endeavour Energy's Network Connections Branch who are responsible for managing the conditions of supply with the proponent and their Accredited Service Provider (ASP) and can be contacted via Head Office enquiries on business days from 9am - 4:30pm on telephone: 133 718 or (02) 9853 6666.

Generally it is the Level 3 Accredited Service Provider's (ASP) responsibility (engaged by the developer) to make sure that the substation location and design complies with Endeavour Energy's standards the suitability of access, safety clearances, fire ratings, flooding etc. As part of the application for connection of load process, the ASP's proposed method of supply will need to be certified by Endeavour Energy's Network Connections Branch.

Subject to the foregoing Endeavour Energy has no objection to the Development Application.

Could you please pass on a copy of this submission to the applicant? Should you wish to discuss this matter, or have any questions, please do not hesitate to contact me or the contacts identified above or in Endeavour Energy's previous submission in relation to the various matters. Due to the high number of development application / planning proposal notifications submitted to Endeavour Energy, to ensure a response contact by email to property.development@endeavourenergy.com.au is preferred.

With the COVID-19 health risk a significant number of Endeavour Energy staff are working from home. Access to emails and other internal stakeholders can accordingly be somewhat limited. As a result, it may sometimes take longer than usual to respond to enquiries. Thank you for your ongoing understanding during this time.

Yours faithfully

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