

27 November 2019

Contact: *Justine Clarke*  
Telephone: *02 9865 2402*  
Our ref: *D2019/139040*

Sally Munk  
Industry Assessments  
Department of Planning, Industry & Environment  
320 Pitt Street  
SYDNEY NSW 2001

Dear Ms Munk

**Western Sydney Energy and Resource Recovery Centre - Request for SEARs (SSD 10395)**

Thank you for your email dated 15 November 2019 requesting WaterNSW's input into the preparation of SEARs for SSD 10395, for a proposed energy and resource recovery centre at 339 Wallgrove Road, Eastern Creek (Lot 1 DP 1059698).

WaterNSW owns and manages the Warragamba to Prospect Pipelines corridor, which is located directly adjacent to the development site along its southern boundary. WaterNSW notes that the current access into the development site is via a road over the Pipelines corridor. The Warragamba Pipelines are a critical component of the Sydney drinking water supply system and it is essential this water supply infrastructure is protected from the potential impacts of development on adjoining land.

WaterNSW requests the proponent address WaterNSW's 'Guidelines for Development Adjacent to the Upper Canal and Warragamba Pipelines' in the Environmental Impact Statement (EIS) to protect Sydney's critical water supply infrastructure, and in particular:

- Risk assessment – an assessment of the risks to the integrity and security of the Pipelines corridor that may result from the development and the proposed measures to mitigate against those risks and impacts. Specific issues include: implications for access and vehicle movements into the development site across the Pipelines corridor, WaterNSW access into the Pipelines corridor for operation and maintenance activities, and plant explosion potential (including an assessment of synergistic potential with the adjacent Global Renewables facility).
- Vibration – an assessment of the construction and operation vibration impacts of the development on the Pipelines corridor and the proposed measures to mitigate those risks and impacts.
- Soils and Water – an assessment of the impacts of the proposed development on drainage paths and on the Pipelines corridor. The EIS should model pre- and post-development flows that enter or are conveyed across the Pipelines corridor. WaterNSW require that post-development flows be equal to or less than the pre-development flows for each storm event up to and including 1% AEP event. Additional surface and groundwater entering the Pipeline corridor should be prevented.
- Electricity generation – impact assessment associated with the generation of electricity. Services should not increase the risk of Pipeline corrosion due to low frequency induction, and not increase the risk of earth potential rise and step and touch potentials on the metallic structures associated with the Pipeline's corridor.

- Air quality– Prospect Reservoir lies approximately 1.9km from the site. Assessment of the potential dust/ash and air quality impacts on this sensitive receiver should be assessed.
- Western Sydney Parklands – the EIS should demonstrate how the development meets the provisions within State Environmental Planning Policy (Western Sydney Parklands) 2009 specifically clauses 12 and 13.
- Traffic - WaterNSW expect that the current Pipeline configuration will require augmentation to cater for the increasing demand for Sydney's drinking water supply, and that the Pipelines adjacent to this property (and along the length of the corridor) will eventually be replaced. No timeframes can be provided. This could cause access difficulties into the subject site for a significant length of time that would need to be carefully considered. In addition, the current access road into the property is not rated for heavy vehicles. A detailed traffic impact assessment should be included in the EIS.

WaterNSW request we are included as a key stakeholder for this project and consulted during project design and development of the EIS, specifically, any discussions regarding road access/upgrade for the portion that crosses the Pipelines corridor.

WaterNSW would appreciate being advised when the EIS is exhibited for further review, and requests the Department continues to consult with us on any development that may impact on our assets, infrastructure or land, using the email address [Environmental.Assessments@waternsw.com.au](mailto:Environmental.Assessments@waternsw.com.au)

If you have any questions regarding this letter, please contact Justine Clarke at [justine.clarke@waternsw.com.au](mailto:justine.clarke@waternsw.com.au).

Yours sincerely



**FIONA SMITH**  
**Executive Manager Water & Catchment Protection**