

22 June 2020

Jennie Yuan
Planning Officer
Jennie.yuan@planning.nsw.gov.au

Dear Jennie

Sydney Water submission response to the EIS for the proposed Sydney Metro West rail project between Westmead and the Sydney CBD – State Significant Application (SSI-10038)

Dear Jennie,

Thank you for your email on the 30th April 2020 enabling Sydney Water with the opportunity to respond to the proposed Environmental Impact Statement (EIS) relating to the proposed Sydney Metro West rail project. Sydney Water has reviewed the proposed EIS and has provided the following comments for your consideration. Sydney Water requests that the Department of Planning, Industry and Environment consider the comments and recommendations relating to the provisions of water-related services provided in this letter.

Stakeholder Engagement

Sydney Water recommends that close consultation between the proponent and Sydney Water occur during all stages of the proposed development. Engagement during the preliminary stage of the project will enable for both parties to identify additional risks and other factors that may affect the delivery of the proposed development.

General water-related infrastructure requirements

Sydney Water recommend that the proponent of the EIS consider the service demands for water-related infrastructure requirements within the proposed Sydney Metro West corridor. Following this, the proponent should demonstrate that satisfactory arrangements have been made to prevent any unwarranted damage to Sydney Water's drinking water, wastewater and recycling water networks.

Sydney Water Heritage Infrastructure

We have identified an existing heritage listed asset which is of the property of Sydney Water within the scope of the proposed rail corridor. The **Beattie Street Stormwater Channel** (No.15), which is situated within the proposed Bays Precinct vicinity is locally listed as heritage under local legislation and Sydney Water's s170 Heritage Register. Historically, the Beattie Street Stormwater Channel is one of a group of the first nine purpose build stormwater drains to be constructed in Sydney in the 1890's.

Sydney Water recommends that future works do not impact the stormwater channel. Monitoring measures such as vibration monitoring should be considered to prevent any adverse effects to the heritage listed stormwater channel.

Ground water, ground movement and contamination

The proposed EIS recommends that Sydney Water naturalise the St Luke's Park Canal and Barnwell Park Canal near the proposed Sydney Metro station construction sites. Sydney Water does not believe that it is prudent to pursue naturalisation of the St Luke's Park and Barnwell Park Canals.

The EIS asserts that there may be possible contamination risk to the ground water at the proposed Sydney Olympic Park station and The Bays station sites. Sydney Water recommends monitoring regimes are implemented to observe any potential contamination output and ground movements near the proposed construction sites. The proponent must prepare methodology practices that be made available to Sydney Water to ensure ground water is not adversely affected by any potential contamination.

Soil, surface water quality

Sydney Water understands that the water quality data referenced in the proposed EIS has been collected from Sydney Water. Sydney Water can coordinate with the proponent in assessing deficit for non-potable and any potable water demand sought from Sydney Water's network. Sydney Water recommends that the proponent engage with Sydney Water during the preliminary stages of the project to ascertain the water allocations required from the existing mains supply network.

Hydrology and Flooding

Sydney Water have sought internal advice with respect to the hydrology and flooding provisions stipulated under the proposed EIS. In summary, the design of the project is at a preliminary stage only. Close engagement between the proponent and Sydney Water will be required as the project design development progresses.

Please refer to Appendix 1 for an elaborate response from Sydney Water's internal stakeholders with respect to the proposals impact on hydrology and flooding.

Spoil, Waste management and resource use

Sydney Water requires that any discharge of treated wastewater into the stormwater system be investigated during detailed construction planning phase. Disposal via Sydney Water Trade Waste agreements are to be investigated during detailed construction planning.

Synthesis of the Environmental Impact Statement

Sydney Water supports any coordination with the proponent to manage the interface of other concurrent projects that are stipulated under the EIS.

If you require any further information, please contact Arthur Andronopoulos at Arthur.andronopoulos@sydneywater.com.au.

Yours sincerely,

A handwritten signature in blue ink, appearing to read 'a. Andronopoulos', is positioned above the printed name.

Arthur Andronopoulos
Account Manager – Sydney Metro Projects

Appendix 1: Hydrology and Flooding