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Luke Kennington  
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NSW Department of Planning, Industry and Environment

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Dear Mr Kennington

**WestConnex M4-M5 - Mod 3 - Iron Cove ventilation underground (SSI-7485-Mod-3)  
Environmental Assessment**

I refer to your email of 19 November 2019 to the Department of Planning, Industry and Environment (DPIE) Water and the Natural Resources Access Regulator (NRAR) about the above matter.

The following advice for you to consider is from DPIE Water. Please note the Department of Primary Industries (DPI) and Crown Lands now provide a separate response.

**DPIE – Water**

The potential extra impacts related to groundwater drawdown imposed by the additional 425 m of tunnels/caverns in the area between the construction and Iron Cove has not been adequately assessed. This can be addressed by including the new construction works within the existing numerical groundwater modelling.

Furthermore, additional groundwater monitoring bores are required to the west of the proposed construction. Monitoring results should be interpreted in terms of “Site Specific Trigger Values” and other means already incorporated in the M4-M5 Link (Rozelle Interchange) Groundwater Monitoring Plan.

**Post Approval Recommendations**

- Within six months of approval, the details of the new construction should be incorporated in the latest iteration of the project groundwater numerical model. Then, appropriate predictive analysis should be run for the model and the outcomes, and any potential necessary responses, be discussed with and reviewed by DPIE Water.
- Within six months of approval, additional groundwater monitoring bores to the west of the construction should be installed and the appropriate Groundwater Monitoring Plan should be updated accordingly, and reviewed by DPIE Water.

Any further referrals to DPIE – NRAR & Water can be sent by email to:

[landuse.enquiries@dpi.nsw.gov.au](mailto:landuse.enquiries@dpi.nsw.gov.au).

Any further referrals to DPI & Crown Lands can be sent by email to: [dpi.cabinet@dpi.nsw.gov.au](mailto:dpi.cabinet@dpi.nsw.gov.au) & [lands.ministerials@industry.nsw.gov.au](mailto:lands.ministerials@industry.nsw.gov.au) respectively.

Yours sincerely

A handwritten signature in blue ink that reads "Liz Rogers". The signature is written in a cursive, flowing style.

Liz Rogers  
Manager, Assessments  
**Water – Strategic Relations**  
20 December 2019