

23/02/2022

WST12/00134 | SF2012/046018

The Manager  
Resource and Energy Assessments  
Department of Planning, Industry and Environment  
GPO Box 39  
Sydney NSW 2001

**Attention: Gabrielle Allan**

Dear Ms Allan

**Modification 4 to SSD-5579 (Western Coal Service Project) Aspects of Western Coal Services (WCS) Project Water Management**

Thank you for referring the modification for SSD-5579 for the proposed water transfer and management system via the Major Projects Portal on the 8 February 2022.

TfNSW understands that the proposed modification is for:

- construction and operation of the Springvale Coal Services Site (SCSS) Water Transfer System (to facilitate the transfer of water from SCSS to the Springvale Coal Services/LFB Resources NL transfer system).
- transfer of water from the SCSS Water Transfer System to the Springvale Coal Services/LFB Resources NL transfer system (for use at the McPhillamys Gold Mine).
- transfer of water from SCSS to MPPS (for treatment and reuse within the MPPS cooling water system).
- receipt of raw water from the Angus Place Water Transfer System (for use in the coal handling and preparation plant at SCSS).
- redesign of the on-site water management system at SCSS to facilitate the transfer of land from Springvale Coal back to Energy Australia and improve the quality of water discharged to Wangcol Creek.
- The redesign of the on-site water management system, construction of the SCSS Water Transfer System and construction and operation of a system to transfer water to MPPS will result in a minor increase to the disturbance footprint within, and extent of, the project application area.

TfNSW requests the following additional information to be able to continue the TfNSW assessment of the modification:

- Clarification is required as to whether the McPhillamys Gold Mine pipeline and the proposed work associated with Western Coal Services Modification 4 will have a coinciding timeframe for work will therefore have a coinciding timeframe for construction.
- The traffic volumes provided for the AM/PM peak associated with the modification do not account for the cumulative light vehicle and heavy vehicle peaks for the existing operation of the Springvale Coal Mine or the peaks that will be associated with the construction of the McPhillamys Gold Mine Pipeline.
- An assessment of the capacity of the existing intersection treatments is required for the Springvale Coal Services access and is required to take into consideration the coinciding peaks and associated cumulative traffic generation (light and heavy vehicles) for the

operational traffic associated with the existing Springvale Coal Mine, the construction of the McPhillamys Gold Pipeline and the proposed Western Coal Services Modification 4.

- An assessment of the Austroads warrants (see figure 3.25 of *Part 6 Guide to Traffic Management*) is required and must be based on the cumulative traffic generation at the AM/PM peaks of the McPhillamys Gold Mine pipeline, the existing operation of the Springvale Coal Mine and the proposed Western Coal Services Modification 4 is required. The outcome of this assessment and any potential changes to the intersection treatments and any proposed strategic designs are required to be provided as a part of the additional information.
- The AM/PM peaks for construction traffic have not been provided as a part of the TIA. The TIA is to be revised to clarify what the AM/PM peaks for construction of Modification 4 and whether the AM/PM peaks will coincide with the AM/PM peaks for the Castlereagh Highway.
- Consideration should be given to the capacity and safety of the AUR at the intersection of the Springvale Coal Services Site on the Castlereagh Highway in relation to coinciding construction work occurring as a part of the proposed Western Coal Services Modification 4 and the McPhillamys Gold Mine Pipeline project (this needs to be considered if there will be coinciding construction periods with coinciding traffic peaks).
- Review of the TIA in relation to Condition 21 of the existing Springvale Coal Services Access SSD-5594.

If you wish to discuss this matter further, please contact Alexandra Power on 02 6861 1428.

Yours faithfully



**Alexandra Power**  
**Team Leader Development Services**  
**Development Services West**  
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