

Ref: D2016/64908

8 June 2016

Kate MacDonald
Team Leader
Industry Assessments
Department of Planning & Environment
GPO Box 39
SYDNEY NSW 2001

Dear Ms MacDonald

**Proposed Dangerous Goods Facility, Warehouse 3B (SSD 7491)
Response to Exhibition of EIS**

I refer to your email received 12 May 2016 seeking WaterNSW's comment on the Environmental Impact Statement (EIS) and recommended conditions for the proposed Dangerous Goods Facility at Warehouse 3B, Oakdale Central. WaterNSW appreciates the opportunity to provide comments.

Water NSW's interest in this development application relate to the Warragamba Pipelines corridor, which forms the northern boundary of the site. The pipelines are critical water supply infrastructure, conveying water from Warragamba Dam to the Prospect Water Filtration Plant, and are an integral component of the Sydney's drinking water supply system.

The key issues for this site are the protection of the pipelines, stormwater management, security and access, which were substantially addressed in the former Sydney Catchment Authority's response to the original development application for the site (SSD 6078) in January 2014 (Our ref D2013/113817), and the Response to Submissions Report (McKenzie Group Consulting Planning; 21 February 2014). In addition to this WaterNSW offers the following comments for consideration.

Protection of WaterNSW infrastructure

The supporting EIS lacks consideration of genuine risks to the pipelines associated with this development.

It is noted that a swept path analysis of the proposed access and internal roads has been undertaken as part of the Traffic Report. This analysis and report lacks information as to the risk of damage to WaterNSW's pipelines from potential vehicle accidents, and the associated transportation of dangerous goods, particularly as the top of the building platform will be directly adjacent to and higher than No.1 Pipeline.

This is particularly an issue at the north western area of the site with vehicles travelling around the corner from the access road to the service bays. In addition there is no clarification that the traffic collision guards and fencing would suitably protect the pipelines in this instance. We request that the proponent consults with WaterNSW in the final design of the traffic collision guards.

The Preliminary Hazard Analysis accompanying the EIS (Appendix 8) indicates that although the potential for a full warehouse fire is low the radiant heat contours would impact over the site boundary (Figure 5-2). This would include WaterNSW's Warragamba Pipelines located adjacent to the north of the site. The Analysis does not take into consideration any effect an event of this nature would have on these pipelines.

The EIS does not make clear the reason for increasing the height of the retaining walls adjacent to the site boundary with the pipelines from between 0.6 and 0.8m. During the construction of the retaining walls there is a risk of accidental damage to WaterNSW's pipelines adjacent to the site.

Water NSW requests that the proponent is required to:

- implement all practical measures to prevent damage to WaterNSW's water supply infrastructure that may result from the construction or operation of the project
- install temporary traffic barriers during construction wherever construction activities are undertaken immediately adjacent to the Pipelines corridors
- repair, or pay all reasonable costs associated with repairing WaterNSW infrastructure that is damaged by the project.

Security fencing

It is noted in the Civil Plans (Appendix 5) that chain wire boundary fencing is proposed along the common boundary of the site and the pipeline corridor. Security fencing is required to minimize the potential for the public to access the pipelines and the associated corridor. This fencing should be constructed to WaterNSW standards at 2.1 meters high, of chain mesh and with 3 strand barbed wire in addition, and installed along the entire length of the boundary of the Pipeline corridor and the development site.

WaterNSW would appreciate being involved in further assessment of the Dangerous Goods Facility proposal including commenting on draft conditions of approval.

If you wish to discuss this matter further please contact Alison Kniha, Environmental Policy and Planning Manager on 4724 2451 or at alison.kniha@waterNSW.com.au.

Yours sincerely,



FIONA SMITH

Executive Manager, Water Quality, Catchment Protection and People & Culture