

25 February 2020

Contact: *Justine Clarke*

Telephone: *02 9865 2402*

Our ref: *D2020/17318*

Shaun Williams
Planning Officer, Industry Assessments
Department of Planning, Industry and Environment
GPO Box 39
Sydney NSW 2001

Dear Mr Williams,

SSD 9601 Horsley Park Brickworks Plant 2 Upgrade – Response to Submissions

Thank you for your email dated 6 February 2020 requesting WaterNSW's comments on the submission report prepared by WillowTree Planning for the above project.

The subject site adjoins the WaterNSW owned and managed Warragamba to Prospect Pipelines corridor (Pipelines corridor) which forms the northern boundary of the site, and is approximately 320m to the west of Prospect Reservoir. The site also lies within the Western Sydney Parklands and is therefore subject to the provisions of *State Environmental Planning Policy (Western Sydney Parklands) 2009*.

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 drinking water supply system. It is essential this water supply infrastructure is protected from the potential impacts of development on adjoining land.

WaterNSW has reviewed the responses provided to our initial comments (our ref: D2019/121186) within the Submission report, specifically table 8: Response Matrix. Considering this information, WaterNSW believes our comments have not been adequately addressed and on those grounds, objects to this development application in its current form.

Specifically, any identified increase in post-development flows and velocity will amplify the risk of failure to WaterNSW assets, infrastructure and land within the Pipelines corridor. The Pipelines were designed and built over 60 years ago to withstand conditions of the time (pre-development).

Pre- and Post-development Flows

Our requirement that the post-development stormwater discharge flows must be equal to or lesser than current conditions stands. AT&L notes within table 8 of the response document that '*the quantity of flows into Eastern Creek are limited to equal or less than pre-development levels by the proposed OSD basin*', however no supporting evidence with results is provided to support this claim. Pre-development flows must be identified against post-development flows discharging offsite. Showing that the peak discharge flows meet the allowable permissible site discharge (PSD) requirements set by the local council is insufficient. As noted by AT&L, revised flood modelling would be the ideal process and is requested by WaterNSW.

On site Detention (OSD) Basin Maintenance

The maintenance of the onsite detention basins is crucial to ensure it functions as designed. It is still unclear what provisions are in place to ensure it receives ongoing maintenance to prevent failure. As per Fairfield Council's Stormwater Management Policy, WaterNSW request an onsite detention basin maintenance plan and schedule be prepared to ensure effective operation and maintenance of the basin.

Neutral or Beneficial Impact on Water Quality

WaterNSW requested that the development demonstrate it will have a neutral or beneficial impact on water quality based on Clause 13 (Bulk Water Supply Infrastructure not to be impacted) of *State Environmental Planning Policy (Western Sydney Parklands) 2009*. The site lies within the Western Sydney Parklands and is therefore subject to the provisions of the SEPP.

Bulk Water Infrastructure means any bulk water supply infrastructure and ancillary infrastructure (such as access roads and stormwater control measures) within the SEPP's Bulk Water Supply Infrastructure Map required for water supply purposes. The Warragamba Pipelines adjacent to the development site are designated as bulk water supply infrastructure.

As such, WaterNSW insists that any development within the Western Sydney Parklands that will have impacts on the bulk water supply infrastructure must address the the impact on associated infrastructure.

Impacts on Bulk Water Supply infrastructure

As identified above, there is potential for the development to have impacts on the bulk water supply infrastructure of the Warragamba Pipelines. The applicant determined that no further consideration of clause 13 was required due to the works being wholly within the development site and that onsite detention will treat any water prior to discharge. The applicant has not demonstrated in its response how the development meets the entire Clause 13 of *State Environmental Planning Policy (Western Sydney Parklands) 2009*.

All other requested conditions within our initial response remain current and should be incorporated into any consent issued.

WaterNSW requests the Department continues to consult with us regarding proposals on land adjacent to and impacting on WaterNSW infrastructure, land or assets due to the potential for impact on water quality and water supply.

WaterNSW expects our concerns to be addressed in the Return of Submissions report and that the department notify us when this is received. All correspondence should be emailed to Environmental.Assessments@waternsw.com.au.

If you have any questions regarding this letter, please contact Justine Clarke at justine.clarke@waternsw.com.au.

Yours sincerely



CLAY PRESRAW
Manager Catchment Protection