

10 July 2020

Contact: *Justine Clarke*

Telephone: *02 9865 2402*

Our ref: *D2020/68595*

Mr David Koppers
Industry Assessments
Department of Planning, Industry & Environment
320 Pitt Street
SYDNEY NSW 2001

Dear Mr Koppers

SSD 10404 Horsley Drive Business Park Stage 2 – Building 1 – Response to Submissions

Thank you for your email dated 26 June 2020 seeking WaterNSW's comment on the response to submissions (RTS) report for the above development.

The applicant has now addressed WaterNSW comments sufficiently and it is considered that their response is reasonable in relation to the potential impact to WaterNSW lands, assets and infrastructure. WaterNSW therefore notes the RTS and reiterates suggested conditions from our response to the EIS (our ref: D2020/31706) for consideration in the final determination, with a slight adjustment in relation to the below comments.

Vibration impacts

WaterNSW accept the applicant's amended report recommendations and mitigation measures to minimise vibration impacts on the Upper Canal structure.

WaterNSW made an incorrect reference in our response advice to the EIA review. This relates to the table reference within the current German Standard "DIN 4150 – Part 3 - "Structural Vibration Part 3: Effects of vibration in structures". Reference should be made to table 1, not table 3. WaterNSW accepts that the applicant undertook considered review of our comments and made the required changes in the RTS documents.

The vibration limit agreed to by the applicant of 50mm/s refers to the limits applied in the incorrect table. The applicable value is 8-10mm/s (50-100 hertz) from line 3 of table 1 of the current German Standard "DIN 4150 – Part 3 - "Structural Vibration Part 3: Effects of vibration in structures".

Requested conditions:

- *Vibration criteria be established in the Construction Environmental Management Plan (CEMP) of 8-10mm/s at the Upper Canal structure, to manage vibration at this sensitive asset.*
- *The stormwater system for the site must be designed so as not to either impede upstream flows from the Upper Canal corridor or stormwater structures, nor result in increased flows onto WaterNSW land from the site.*
- *WaterNSW should be provided with the details of the proposed earthworks, retaining walls or other construction along the boundary of the Upper Canal corridor before such works*

commence, and be advised in advance of any proposed construction activities close to the boundary.

- *All site preparation and construction work carried out adjacent to the Upper Canal corridor must not impact on water quality, or damage the Canal infrastructure or land. Should any damage occur as a result of the works being carried out on the subject site, it will be the responsibility of the developer to rectify that damage to the satisfaction of WaterNSW and/or compensate WaterNSW for any associated costs.*
- *Effective erosion and sediment controls must be installed prior to any activity adjacent to the Upper Canal corridor to prevent sediment, dust or polluted water entering the corridor. The controls must be regularly maintained and retained until the building works have been completed and the ground surface stabilised or groundcover re-established.*
- *No stockpiles are to be located close to the Upper Canal corridor.*
- *All incidents that affect or could affect the Upper Canal shall be reported to WaterNSW on the 24 Hour Incident Notification Number 1800 061 069 as a matter of urgency.*

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

Yours sincerely

A handwritten signature in black ink, appearing to read 'AK', with a long horizontal flourish extending to the right.

ALISON KNIHA
Catchment Protection Planning Manager