



Sydney
WATER

27 February 2013
ATTENTION: PETER MCMANUS



Cameron Sargent
A/Director Metropolitan & Regional Projects North
Department of Planning & Infrastructure
GPO Box 39
SYDNEY NSW 2001

SSD 5087-2011- Australian Institute of Nanoscience & Research Education Facility, The University of Sydney

Dear Mr Sargent,

Thank you for your letter of 21 January 2013 requesting comments on the proposed construction of the Australian Institute of Nanoscience & Research Education Facility, at The University of Sydney. Sydney Water has reviewed the proposal and provides the following comments for the Department's consideration.

Water

A preliminary investigation has identified that there is sufficient water capacity and there is a number of mains available for connection. Subject to the location of proposed water connections, extensions of the existing mains may be required.

The proponent should provide a detailed water servicing strategy at the Section 73 Application stage.

Wastewater

A preliminary investigation identified that a trunk 914mm x 1219mm brick oviform wastewater main traverses the site and there is system capacity to service the proposed development.

At the Section 73 Application stage, the developer should submit a detailed wastewater servicing strategy to Sydney Water. The strategy should consider suitable connection points to the existing trunk main by:

- Avoiding direct connection to the oviform main.
- Extensions of reticulation mains from existing maintenance holes.

As the site is traversed by a number of wastewater mains, where works are in close proximity to Sydney Water assets the developer will need to carry out works to protect our mains. Subject to the scope of development, servicing options may involve adjustment/deviation and or compliance with the Guidelines for building over/adjacent to Sydney Water assets. The WSC will provide more detailed requirements.

If the following apply, further action will be required or information provided to Sydney Water:

- Sheet pile adjoining Sydney Water asset – Written approval from Sydney Water.
- Dewatering – Groundwater Impact Analysis.
- Building over or adjacent to wastewater main – Verify design complies with allowable loading conditions.

Stormwater

Although no accurate plans were provided, it appears that the development will be built over a Sydney Water Stormwater channel which is prohibited.

As the stormwater channel is approximately 7m below ground, Sydney Water's Stormwater Group is willing to negotiate terms for building adjacent to the channel with the proponent.

Our Stormwater group is currently in discussions with the University of Sydney regarding deviation of the stormwater channel, which will address issues for the University and St Paul's College. Therefore, approvals for building adjacent to the channel are subject to discussion and deviation outcomes.

Trade Waste Information

Should this development generate trade wastewater, this correspondence does not guarantee the applicant that Sydney Water will accept the trade wastewater to its sewerage system. In the event trade wastewater is generated, the property owner is required to submit an application for permission to discharge trade wastewater to the sewerage system before business activities commence. A boundary trap will be required where arrestors and special units are installed for trade waste pre-treatment.

For further information please visit the Sydney Water website at:

<http://www.sydneywater.com.au/OurSystemsandOperations/TradeWaste/>

Sydney Water Servicing

Sydney Water will further assess the impact of any subsequent development when the developer applies for a Section 73 Certificate. This assessment will enable Sydney Water to specify any works required as a result of future development and to assess if amplification and/or changes to the system are applicable. The developer must fund any adjustments needed to Sydney Water infrastructure as a result of the development.

The developer should engage a Water Servicing Coordinator to get a Section 73 Certificate and manage the servicing aspects of the development. The Water Servicing Coordinator will ensure submitted infrastructure designs are sized and configured according to the Water Supply Code of Australia (Sydney Water Edition WSA 03-2002) and the Sewerage Code of Australia (Sydney Water Edition WSA 02-2002).

Sydney Water requests the Council to continue to instruct proponents to obtain a Section 73 Certificate from Sydney Water. Details are available from any Sydney Water Customer Centre on 13 20 92 or Sydney Water's website at www.sydneywater.com.au.

Sydney Water e-planning

Sydney Water has created a new email address for planning authorities to use to submit statutory or strategic planning documents for review. This email address is urbangrowth@sydneywater.com.au. The use of this email will help Sydney Water provide advice on planning projects faster, in line with current planning reforms. It will also reduce the amount of printed material being produced. This email should be used for:

- Section 62 consultations under the Environmental Planning and Assessment Act 1979
- consultations where Sydney Water is an adjoining land owner to a proposed development
- consultations and referrals required under any Environmental Planning Instrument
- draft LEPs, SEPPs or other planning controls, such as DCPs
- any proposed development or rezoning that will be impacted by the operation of a Sydney Water Wastewater Treatment Plant
- any proposed planning reforms or other general planning or development inquiries



If you require any further information, please contact Corrine Manyweathers of the Urban Growth Branch on 02 8849 4014 or e-mail corrine.manyweathers@sydneywater.com.au.

Yours sincerely,

A handwritten signature in blue ink, appearing to read "Adrian Miller", written over a horizontal line.

Adrian Miller,
Manager, Growth Strategy

Sydney Water Corporation ABN 49 776 225 038

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