

6 July 2016

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Mr Brendon Roberts
NSW Planning & Environment
23-33 Bridge Street,
SYDNEY NSW 2000

By email: brendon.roberts@planning.nsw.gov.au

Dear Mr Roberts,

Recycled water opportunities at Australian Technology Park

As part of its Sustainable Sydney 2030 vision, the City of Sydney is striving for a water sensitive city that achieves the following outcomes for its community:

- Efficient use of potable water and reduced demand on the water and sewerage networks;
- Increased amenity and urban cooling through improved green space maintained by independent, climate resilient water supplies; and
- Improved quality of local waterways through reduced pollution discharged via wastewater and stormwater outlets.

The City has ambitious targets to drive these outcomes including minimising potable water consumption through water efficiency and recycling; and reducing pollution discharged to waterways via stormwater run-off generated with our local government area.

The City recently lodged a submission to NSW Planning and Environment regarding Mirvac Project's Pty Ltd's State Significant Development Application for the urban regeneration of Australian Technology Park (ATP).

Since then, it has been brought to our attention that two existing buildings within the ATP site are dual plumbed to enable supply of recycled water for non-potable uses. These buildings include the 'Channel 7' and 'NICTA' buildings. It is our understanding that recycled water mains also exist in the streets servicing lots within the ATP site. These mains are currently connected to a Sydney Water potable water main at the north east corner of the Vice Chancellor's Oval next to the Alexandra Hotel.

Given this existing recycled water infrastructure within ATP, the Mirvac Pty Ltd redevelopment sites should be conditioned to include dual plumbing and connection to the recycled water main for all non-potable water uses. This would enable a precinct-scale recycled water solution to be developed either within ATP or the broader Central to Eveleigh area, to supplement the proposed rainwater collection and reuse system within the ATP development sites.

Of particular relevance is the close proximity of ATP to the proposed high density residential Waterloo Precinct development. This development provides the scale and density required for efficient investment in precinct-scale recycled water infrastructure including local wastewater collection and treatment to provide recycled water for all non-potable uses including toilet flushing, laundry, cooling tower use and irrigation. Connection to recycled water would enable Mirvac Pty Ltd to reduced its potable water consumption and deliver on its proposed 6-star Green Star commitment for the ATP redevelopment sites.

In relation to stormwater management, Mirvac Pty Ltd has proposed to obtain green star credits for meeting the pollution reduction targets as set out in the Green Star Design and As-Built v1.1 credit. The City of Sydney has more stringent stormwater pollution requirements for developments in its local government area as set out in the Sydney 2012 Development Control Plan. It is essential that these pollution reduction targets are met in all new developments to ensure the quality of our local waterways for our community.

The City asks that the above matters be taken into consideration in the assessment of the SSD application and conditioned accordingly.

The City would be pleased to provide advice and to work in partnership with the Department, Mirvac and Urban Growth to help realise the opportunities for building a drought-resilient city.

Should you wish to speak with a Council officer about recycled water opportunities at ATP, please contact Lisa Currie, Manager Water Strategy on 9265 9333 or at lcurree@cityofsydney.nsw.gov.au.

Yours sincerely

A handwritten signature in black ink, appearing to read 'P. Barone', with a long, sweeping horizontal line extending to the right.

Monica Barone
Chief Executive Officer