

8 May 2020

ATC  
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Revision: 01

Dear Hayden

**SYD0905: Winx Stand – Royal Randwick Racecourse  
Leger Lawn Development SSD-10285  
Additional Sydney Water Information**

This letter is to address the request for additional information regarding Sydney Water for the Leger Lawn Development SSD-10285. It addresses Water Servicing and Wastewater Servicing.

### Water Servicing

#### Referral Comment

- > Potable water servicing should be available to serve the development. Amplifications, adjustments, and/or minor extensions may be necessary.
- > The proponent is advised to supply an estimate of the fixture units within the stand and any proposed changes to the current connection/s for the site.

#### Response

The existing connection for the site is to be maintained, with no amplification required.

The estimate of fixture units within the stand is as follows:

Table 1 Estimate of Fixture Units (Water)

<b>DEMAND (WATER)</b>	<b>FLOW</b>
Peak Demand (Water)	4.00 (l/s)
Maximum Daily Demand (Water) (2 hours @ Peak Demand)	28.80 (kl/day)
Average Daily Demand (Water) (30% of Maximum Daily Demand)	8.64 (kl/day)

## Wastewater Servicing

### Referral Comment

- > Wastewater servicing should be available to serve the development. Amplifications, adjustments, and/or minor extensions may be necessary.
- > As noted in the EIS the proposed stand is to be constructed over the existing DN225 sewer located within the site.
- > The EIS suggests that deviating the main is the only option. No discussion of the future status of the deviated main was included. It may serve the needs of both Sydney Water and the Trust if the affected sections and any upstream sections of main came under the ownership of the Trust.
- > The detail of the proposed changes to the DN225 sewer must be included in the Section 73 application.

### Response

A diversion to the existing sewer service is proposed and has been documented by the Water Servicing Coordinator to avoid the project being constructed over the existing asset. No amplification of the supply is required.

The estimate of fixtures for waste demand are as follows:

Table 2 Estimate of Fixture Units (Waste)

<b>DEMAND (WASTE)</b>	<b>FLOW</b>
Peak Demand (Waste)	2.60 (l/s)
Maximum Daily Demand (Waste) (2 hours @ Peak Demand)	18.72 (kl/day)
Average Daily Demand (Waste) (30% of Maximum Daily Demand)	5.616 (kl.day)

We trust the above information satisfies the comments raised.

Yours sincerely



Jon Shally  
Associate Director