

27 September 2019

Our Ref: Case 180835

Maddison Spiteri  
Council assessing officer  
Liverpool City Council  
[lcc@liverpool.nsw.gov.au](mailto:lcc@liverpool.nsw.gov.au)

**RE: 77 Bathurst Street, LIVERPOOL – DA-262/2019**

Dear Maddison,

Thank you for notifying Sydney Water of the proposed demolition of existing building and structures, excavation and remediation of the site, construction of a mixed use development comprising a 4-storey commercial and retail podium including a two level restaurant, two residential towers of 14-storey and 20-storey in height comprising a total of two hundred and sixty four (264) units, above three (3) levels of basement car parking and associated landscaping and services located at 77 Bathurst Street, LIVERPOOL. We have reviewed the proposal and provide the following comments.

**Water**

- The developer will be required to amplify the existing 150mm drinking water main in Castlereagh Street to a minimum of 200mm.
- The proposed development will be serviced from this new 200mm water main.
- The amplification will be from the existing 500mm trunk main along Memorial Avenue to the full frontage of the site in Castlereagh Street.

**Wastewater**

- Existing wastewater infrastructure in the area has enough capacity to service the proposed development.
- There are multiple reticulation sewer mains traversing the site which may require deviation or disuse.
- The site may either discharge to the existing 225mm sewer main in Memorial Avenue or the 300mm sewer main in Bathurst Street, subject to the proposed development's effects on the multiple sewer mains traversing the site.

Amplifications, extensions or deviations to the drinking water and wastewater network is required to comply with the Water Services Association of Australia (WSAA) code – Sydney Water edition.

The developer will need to engage a Water Servicing Coordinator (WSC). The WSC will be the applicant's point of contact with Sydney Water. The WSC can answer most questions the applicant might have on Sydney Water's developer process and charges. For a list of authorised Coordinators, either visit [www.sydneywater.com.au](http://www.sydneywater.com.au) > Plumbing, building & developing > Developing > Providers > Lists or call 13 20

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The developer will be required to submit a concept water and wastewater servicing plan for the site at the section 73 application phase. The concept plan will detail the proposed deviations, disuse, amplification including water and wastewater connection points to the Sydney Water reticulation network.

This advice is not a formal approval of our servicing requirements. Detailed requirements, including any potential extensions or amplifications will be provided once the development is referred to Sydney Water for a Section 73 application.

Further requirements for this proposal are in the attachments. If you require any further information, please contact the Enrique Sarthou of Growth Planning on 02 88496496 or email [urbangrowth@sydneywater.com.au](mailto:urbangrowth@sydneywater.com.au)

Yours sincerely

A handwritten signature in black ink, appearing to read 'Cassie'.

Cassie Loughlin  
**Growth Intelligence Manager**

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## Attachment 1

### Sydney Water Servicing

A Section 73 Compliance Certificate under the Sydney Water Act 1994 must be obtained from Sydney Water.

The proponent is advised to make an early application for the certificate, as there may be water and wastewater pipes to be built that can take some time. This can also impact on other services and buildings, driveways or landscape designs.

Applications must be made through an authorised Water Servicing Coordinator. For help either visit [www.sydneywater.com.au](http://www.sydneywater.com.au) > Plumbing, building and developing > Developing > Land development or telephone 13 20 92.

### Building Plan Approval

The approved plans must be submitted to the Sydney Water [Tap in™](#) online service to determine whether the development will affect any Sydney Water sewer or water main, stormwater drains and/or easement, and if further requirements need to be met.

*The Sydney Water [Tap in™](#) online self-service replaces our Quick Check Agents as of 30 November 2015.*

The [Tap in™](#) service provides 24/7 access to a range of services, including:

- building plan approvals
- connection and disconnection approvals
- diagrams
- trade waste approvals
- pressure information
- water meter installations
- pressure boosting and pump approvals
- changes to an existing service or asset, e.g. relocating or moving an asset.

Sydney Water's [Tap in™](#) online service is available at:

<https://www.sydneywater.com.au/SW/plumbing-building-developing/building/sydney-water-tap-in/index.htm>

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## Attachment 2

Requirements for **Business Customers for Commercial and Industrial Property Developments.**

### **Trade Wastewater Requirements**

If this development is going to generate trade wastewater, the property owner must submit an application requesting permission to discharge trade wastewater to Sydney Water's sewerage system. You must obtain Sydney Water approval for this permit before any business activities can commence. It is illegal to discharge Trade Wastewater into the Sydney Water sewerage system without permission.

The permit application should be emailed to Sydney Water's Business Customer Services at [businesscustomers@sydneywater.com.au](mailto:businesscustomers@sydneywater.com.au)

A Boundary Trap is required for all developments that discharge trade wastewater where arrestors and special units are installed for trade wastewater pre-treatment.

If the property development is for Industrial operations, the wastewater may discharge into a sewerage area that is subject to wastewater reuse. Find out from Business Customer Services if this is applicable to your development.

### **Backflow Prevention Requirements**

Backflow is when there is unintentional flow of water in the wrong direction from a potentially polluted source into the drinking water supply.

All properties connected to Sydney Water's supply must install a testable Backflow Prevention Containment Device appropriate to the property's hazard rating. Property with a high or medium hazard rating must have the backflow prevention containment device tested annually. Properties identified as having a low hazard rating must install a non-testable device, as a minimum.

Separate hydrant and sprinkler fire services on non-residential properties, require the installation of a testable double check detector assembly. The device is to be located at the boundary of the property.

Before you install a backflow prevention device:

1. Get your hydraulic consultant or plumber to check the available water pressure versus the property's required pressure and flow requirements.
2. Conduct a site assessment to confirm the hazard rating of the property and its services. Contact PIAS at NSW Fair Trading on 1300 889 099.

For installation you will need to engage a licensed plumber with backflow accreditation who can be found on the Sydney Water website:

<http://www.sydneywater.com.au/Plumbing/BackflowPrevention/>

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## Water Efficiency Recommendations

Water is our most precious resource and every customer can play a role in its conservation. By working together with Sydney Water, business customers are able to reduce their water consumption. This will help your business save money, improve productivity and protect the environment.

Some water efficiency measures that can be easily implemented in your business are:

- Install water efficiency fixtures to help increase your water efficiency, refer to WELS (Water Efficiency Labelling and Standards (WELS) Scheme, <http://www.waterrating.gov.au/>
- Consider installing rainwater tanks to capture rainwater runoff, and reusing it, where cost effective. Refer to <http://www.sydneywater.com.au/Water4Life/InYourBusiness/RWTCalculator.cfm>
- Install water-monitoring devices on your meter to identify water usage patterns and leaks.
- Develop a water efficiency plan for your business.

It is cheaper to install water efficiency appliances while you are developing than retrofitting them later.

## Contingency Plan Recommendations

Under Sydney Water's [customer contract](#) Sydney Water aims to provide Business Customers with a continuous supply of clean water at a minimum pressure of 15meters head at the main tap. This is equivalent to 146.8kpa or 21.29psi to meet reasonable business usage needs.

Sometimes Sydney Water may need to interrupt, postpone or limit the supply of water services to your property for maintenance or other reasons. These interruptions can be planned or unplanned.

Water supply is critical to some businesses and Sydney Water will treat vulnerable customers, such as hospitals, as a high priority.

Have you thought about a contingency plan for your business? Your Business Customer Representative will help you to develop a plan that is tailored to your business and minimises productivity losses in the event of a water service disruption.

For further information please visit the Sydney Water website at: <http://www.sydneywater.com.au/OurSystemsandOperations/TradeWaste/> or contact Business Customer Services on 1300 985 227 or [businesscustomers@sydneywater.com.au](mailto:businesscustomers@sydneywater.com.au).