

21 December 2021

Our Ref: 185016, 186899, 191645, 192838

Rebecka Groth

Energy Resources and Industry Assessments
Department of Planning, Industry and Environment
Rebecka.Groth@dpie.nsw.gov.au

RE: SSD-25725029 Ardex Warehouse and Manufacturing Facility

Thank you for notifying Sydney Water of SSD-25725029 at 657-769 Mamre Road, Kemps Creek, which proposes construction and operation of a manufacturing facility on proposed Lot 10 with a GFA of 27,420m² for the production of 48,000 tonnes per annum of powder products and 25,000 kL per annum of liquid products including cement, renders, decorative surface finishes, waterproofing membranes and liquid grouts and associated works, as well as a 2 lot Torrens title subdivision. The development is located within the Mamre Road Precinct. Sydney Water has reviewed the application based on the information supplied and provides the following comments to assist in planning the servicing needs of the proposed development.

Sydney Water notes that development of the precinct comprising the Ardex facility has been granted pursuant to SSD-9522.

Drinking Water

The proposed development is currently located within the Cecil Park **Reduced** Water Supply Zone (WSZ) and is part of Prospect South Delivery System.

Cecil Park WSZs are currently supplied with rural drinking water infrastructure and do not have capacity to service developments within Mamre Road precinct prior to delivery of major system amplifications.

Sydney Water are currently delivering the following trunk drinking water infrastructure to increase supply to the area –

- Rising Main (DN900) and pump WP0433 and 60ML reservoir at Liverpool
- DN1200/DN1050 from Cecil Park reservoir up to Western Rd, with offtakes at Range Rd and Western Rd connecting existing mains in Elizabeth Drive.
- This work is in delivery and proposed to be operation in 2022/23.

Additional amplification works are also required to service the Mamre Road precinct:

- DN300 lead-in main from Erskine Park Elevated WSZ – developer delivered by c 2021/22.
- DN300 lead-in extension from Cecil Park Remainder zone – developer delivered by c 2021/22.

Recycled Water

Recycled water for non-drinking water uses will be provided in the Mamre Road Precinct. The Integrated Water Servicing Options analysis is currently underway. It will determine the extent to which recycled stormwater is integrated with recycled wastewater. Sydney Water is currently preparing a Development Servicing Plan (DSP) for the Mamre Road Precinct. This will include Developer Charges for the provision of recycled water services to the Precinct.

Figure 1 highlights the *draft* recycled water scheme plan for the Mamre Road Precinct. It is subject to change depending on the outcome of the Integrated Water Servicing options analysis. Sydney Water will confirm the requirement for recycled water connections on finalisation of the scheme plan for the Precinct. It is likely that the requirements will be a combination of the following:

- Each lot in the subdivision must have a frontage to a recycled water main that is the right size and can be used for connection of the lot to the recycled water main; and
- The proponent must construct a recycled water main extension to serve the lots appropriately. The extension must comply with the standards for Dual Water Reticulation Systems.

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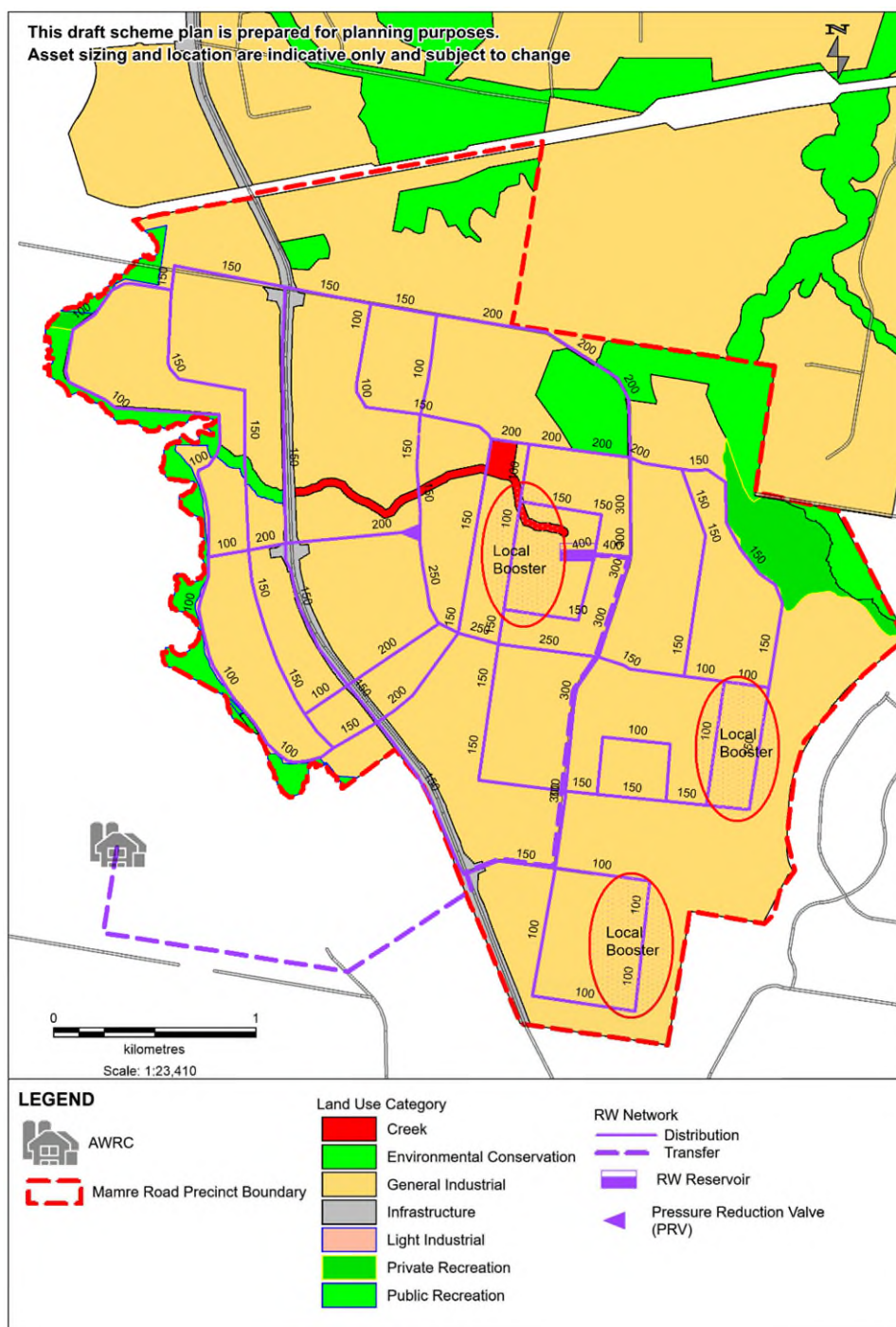


Figure 1 - DRAFT

Wastewater

The Mamre Road Precinct does not have wastewater servicing available.

This development is located predominantly within the proposed wastewater pumping station

SP1222 catchment and partially within proposed SP1221 catchment. The pumping stations will be required to transfer flows to St Marys wastewater network for interim servicing to c 2025/2026 and after this time it is intended for the pumping stations to transfer flows south to the proposed Upper South Creek Advanced Water Recycling Centre. This is due to capacity constraints in the St Marys wastewater network:

- Sydney Water are currently in concept design phase for the pumping stations, carriers and associated work. Concept design will include environmental approvals, geotechnical investigations, survey, etc.
- The delivery date for servicing the western catchment is currently planned for the second half of 2024 and subject to funding approval.

As noted in Appendix 25 – Service Infrastructure investment, an interim wastewater service (interim operating procedure – IOP) has been established and will be delivered under commercial agreement between the developers of the Hub (Altis-Frasers) and Sydney Water. The construction and commissioning of the IOP is under CN 186899. The IOP is expected to be available in Q2 2022.

Stormwater

If Sydney Water is nominated as the trunk drainage manager in Mamre Road Precinct then Sydney Water will confirm the requirements for trunk drainage services which you will need to deliver before the Certificate can be issued. This may include trunk drainage channels as well as stormwater treatment and storages to facilitate precinct wide stormwater harvesting integrated with recycled wastewater. The method of connection to stormwater services are also subject to change dependent on the Integrated Water Servicing Options analysis. Evidence may also be required by Sydney Water to demonstrate how the development has met the current waterway health and flood management requirements as specified in the Development Control Plan (DCP).

This advice is not 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. More information about the Section 73 application process is available on our web page in the [Land Development Manual](#).

Further advice and requirements for this proposal are in Attachments 1 & 2. If you require any further information, please contact the Growth Planning Team at urbangrowth@sydneywater.com.au.

Yours sincerely,

A handwritten signature in black ink, appearing to read "K. Leitch", with a stylized flourish at the end.

Kristine Leitch

Commercial Growth Manager

City Growth and Development, Business Development Group

Sydney Water, 1 Smith Street, Parramatta NSW 2150

Attachment 1

Section 73 Compliance Certificate

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 > 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 [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>

Sydney Water recommends developers apply for Building Plan approval early as in some instances the initial assessment will identify that an Out of Scope Building Plan Approval will be required.

Out of Scope Building Plan Approval

Sydney Water will need to undertake a detailed review of building plans:

1. That affect or are likely to affect any of the following:
 - Wastewater pipes larger than 300mm in size
 - Pressure wastewater pipes
 - Drinking water or recycled water pipes
 - Our property boundary
 - An easement in our favour
 - Stormwater infrastructure within 10m of the property boundary.
2. Where the building plan includes:
 - Construction of a retaining wall over, or within the zone of influence of our assets
 - Excavation of a basement or building over, or adjacent to, one of our assets
 - Dewatering – removing water from solid material or soil.

The detailed review is to ensure that:

- our assets will not be damaged during, or because of the construction of the development
- we can access our assets for operation and maintenance
- your building will be protected if we need to work on our assets in the future.

The developer will be required to pay Sydney Water for the costs associated with the detailed review.

Tree Planting

Certain tree species placed in close proximity to Sydney Water's underground assets have the potential to inflict damage through invasive root penetration and soil destabilisation. Sydney Water requires that all proposed or removed trees and vegetation included within the proposal adhere to the specifications and requirements within Section 46 of the Sydney Water Act (1994) and *Diagram 5 – Planting Trees* within our [Technical guidelines – Building over and adjacent to pipe assets](#). Please note these guidelines include more examples of potential activities impacting our assets which may also apply to your development.

If any tree planting proposed breaches our policy, Sydney Water may need to issue an order to remove every tree breaching the act, or directly remove every tree breaching the Act and bill the developer or Council for their removal.

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](mailto:businesscustomers@sydneywater.com.au) at 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:

<https://www.sydneywater.com.au/plumbing-building-developing/plumbing/backflow-prevention.html>

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 <https://www.sydneywater.com.au/your-business/managing-your-water-use/water-efficiency-tips.html>
- 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:

<https://www.sydneywater.com.au/your-business/managing-trade-wastewater/commercial-trade-wastewater.html> or contact Business Customer Services on 1300 985 227 or businesscustomers@sydneywater.com.au.