Overview

This Stormwater Scheme Plan shows the regional stormwater infrastructure required to service the Mamre Road precinct and to be managed by Sydney Water.

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The Stormwater Scheme Plan was developed in line with NSW Government planning requirements and ensures that development complies with NSW Government waterway objectives and stormwater targets specified in the Mamre Road Precinct Development Control Plan. The scheme outlines the infrastructure required to deliver a regional stormwater harvesting solution to achieving the stormwater targets.

This infrastructure will also support the NSW Governments Western Parkland City vision for greening and cooling. Elements of the scheme form part of the blue green infrastructure framework.

The key elements of the Mamre Road Precinct Stormwater Scheme Plan are:

- Naturalised trunk drainage channels for stormwater conveyance as well as ecological and social benefits
- Gross pollutant traps (GPTs) to remove litter and other coarse pollutants
- · Constructed wetlands and storage ponds for treatment and harvesting of stormwater
- Stormwater harvesting and distribution network that includes gravity and pressure mains as well as pumps, treatment plant and a reservoir.

This Stormwater Scheme Plan is a conceptual layout which has been refined following public and stakeholder comment. The infrastructure sizing and locations are fixed from this point with exception of minor modifications subject to Sydney Water approval.



- Existing Lot Boundary
- Major Waterways
- Existing Easement

Source: Aurecon, Sydney Water, LPI, DPIE. ESRI

Date: 21/12/2022

- Indicative Roads (DPE)
- Indicative Road Realignment

Land Zoning

- C2 Environmental Conservation
 - **IN1** General Industrial
- **RE1** Public Recreation
- **RE2** Private Recreation
- SP2 Infrastructure
- Indicative Private Drainage Asset

- **Proposed Stormwater Scheme** Infrastructure
- Proposed Treatment Systems
- Wetland
- **Storage Pond**
- **01** Basin Reference Number Labels
- Indicative GPT Location

Proposed Trunk Drainage

WIANAMATTA-SOUTH CREEK

01

07

WIANAMATTA SOUTH

- Naturalised Channel Alignment
- 20 Minimum Required Trunk Drainage Corridor Width Labels
- Waterways with Riparian Corridor

25 m

23₁₀

- **Proposed Recirculation Infrastructure** - - Indicative Stormwater Gravity Main Indicative Stormwater Rising Main Indicative Harvesting Pump Location Indicative Stormwater Reservoir Location Indicative Distribution Reservoir Location
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MAMRE ROAD PRECINCT STORMWATER SCHEME PLAN







