

SITE DETAILS:

Waverley Council has implemented sustainable water management measures at Bondi Beach including:

- Stormwater harvesting and reuse
- Stormwater treatment

SAS Water Solutions won an open tender from Waverley Council for the construction of a stormwater harvest and reuse scheme at Bondi beach. SAS Water Solutions were responsible for the supply, installation, commissioning and maintaining of all components of the system. The harvesting & reuse system was designed by Equatica.

The site for harvesting was located at the south end of Bondi beach using Sydney Water stormwater infrastructure and adding a take-off point to fill the new harvesting system.



EQUIPMENT SUPPLIED & INSTALLED:

SAS Water Solutions have constructed the Water Treatment Plant for the Stormwater harvesting system, which includes the equipment listed:

- Gross particle removal
- Rain Sensor System Bypass
- Fine particle removal
- Parameter Monitoring – UVT, pH, flow
- UV disinfection
- Distribution System
- 300,000L In ground Storage Tank



BIOLOGICAL ANALYSIS:

SAS perform regular quarterly chemical testing of all systems. Our scope of supply also includes the biological and chemical compliance sampling on site.



EQUIPMENT SERVICE:

Systems Serviced by SAS Water Solutions include the following:

- Pre-filtration system
- UV System
- UVT Meter
- pH Meter
- Flow meters

