

10 Project Profile

Principal Contractor:
*Transfield /
Montgomery Watson
Joint Venture*

Powers at North Side Storage Tunnel, Sydney

The Northside Storage Tunnel Project consisted of the construction of two tunnels at a depth of 40m – 100m below sea level. The major tunnel runs 16km from Lane Cove to Manly with the second tunnel branching off the main tunnel at Tunks Park to go 3.7km to Scotts Creek.

The tunnels have been constructed to store up to 480 million litres of rainwater-diluted sewage that previously flowed directly into the Lane Cove River, Scotts Creek, Middle and Sydney Harbours.

Once in the tunnel, the stored overflow is then sent through a series of pumping transfer stations to the existing treatment plants and from there to the deep ocean outfall off the coast.

Main Products used:

- Power-Fast®
- SS SPIKE®
- Power-Bolt®
- SCREW-BOLT®
- Carbides
- Sleeve Anchors
- AC100®
- Rubber Nut
- Foam



Applications:

- Power-Bolt®-s for the Conveyor Belt Support Brackets
- M16 SS Rod with Power-Fast® 700ml for the Recycled Water Mains Brackets
- SS SPIKE®-s used extensively throughout electrical fit out by Kilpatrick Green (now United KG).
- SCREW-BOLT®-s used for bolting tunnel rail tracks.