

BATEAU BAY RECLAIM WATER

Client:	Wyong Council
Project Description:	Construction of sewer rising main
Site Location:	Bateau Bay, NSW



The project included the construction of 3 stages of rising main by way of open trench excavation and horizontal directional drilling. The rising main comprised of pipe diameters ranging from 63mm – 180mm in a variety of classes and material types.

The scope of works included:

- Excavating in all classes of material including excavation support, backfill and compaction
- Environmental protection
- Excavate over 180mm NS PN16 polyethylene PE80B existing reclaimed water main
- Lay and join rising mains installed by directional drilling techniques
- Supply and installation of concrete thrust block
- Restoration of grassed areas – seeded and turfed
- Supply and place imported material for backfill including disposal of surplus non-corrosive and select material
- Stage 1 - 2.6 km from Bateau Bay sewerage treatment plant to Tuggerah Lakes golf course
- Stage 2 – Design and installation of 1 km of 125mm reclaimed water main from Tuggerah Lakes golf course to Toowoona Bay Surf Club
- Stage 3 – Design and installation of 1.4km of 125mm reclaimed water main from Tuggerah Lakes golf course to Jubilee park