

wastewater pumping station and rising main design

ADW Johnson has extensive experience in the design, analysis and project management of wastewater pumping stations in the Hunter, Central Coast and regional NSW. We are involved in the project from concept design and survey to detailed design of the pump station and rising main including loadings, emergency storage, pump selection, rising main size and material selection, wet well sizing, rising main route and profile, detention time and odour control, mechanical and civil design of pump stations and access.

ADW Johnson is accredited with Hunter Water Corporation for pumping station design.

ADW Johnson also has experience in preparing the detailed documentation and specifications, project management and construction supervision for wastewater pumping stations and rising mains.

Projects

Belmont North 1
WWPS

Fletcher 1
WWPS

Fletcher 2
WWPS

Fletcher 3
WWPS

Thornton 2
WWPS

Largs 3
WWPS

Interim Connection
Assessment,
Gillieston Heights 3

Magenta Shores,
The Entrance North

Cessnock Road to
Figtree Lane,
Gillieston Heights

Fletcher No. 3 Wastewater Pumping Station

Wastewater pumping station
to service 400 lot residential
subdivision



Key issues: design of pumping station and combined rising main with Minmi Road No. 1 pumping station and rising main.

Cessnock Road to Figtree Lane, Gillieston Heights

Interim servicing assessment to
service 101 residential lots



Key issues: assessment of interim connection to existing pumping station to expedite development prior to commissioning of a new pumping station.

Thornton 2 Wastewater Pumping Station

301 lot residential sewer catchment



Key issues: design of Thornton 2 wastewater pumping station (WWPS) and required systems upgrades of Beresfield No. 17.