

Case Study: Johnson's Subdivision, Papamoa  
Region: Tauranga  
Client/Contractor: Tauranga City Council / Bay Civil

Outline:

- Stage 10 of the Johnson development in Papamoa provided an opportunity to install a ROMOLD DN1000 PP Manhole chamber as a trial for Tauranga City Council.
- Installation was completed by Bay Civil.
- The goal was to learn from the process as part of the materials approval process.

Outcome:

- The 1.5m deep chamber was installed in a Tee intersection.
- The chamber was able to be installed with 10 man-hours of labour, this is 1/2 of the labour required for an equivalent concrete chamber.
- The chambers were safer to install because confined spaces entries are minimised by removing the need for internal benching and pipe sealing.
- It was noted that the installation speed would allow test to occur on the same day. For tight programs this would be an advantage.
- The drainlayers noted a preference for the material, they found it easier to work with than concrete with less opportunity to make mistakes that would lead to rework.

*"I can see real benefits in using these units in terms of durability and longevity – and consistency in quality, and less maintenance issues."*

Mike Speed, Bay Civil

