Case Study: Totara Parklands Development
Region: Whangarei
Client/Contractor: Broadspectrum

Outline:

- Stage 5A of the Totara Parklands development required construction of 210m of DN150 uPVC pipe with 5 new chambers.
- Broadspectrum used four ROMOLD DN1000 PP Manhole chambers and one ROMOLD DN625 PE Maintenance chamber.
- The goal was to determine if tangible time savings could be attained by using pre-benched plastic chambers.

Outcome:

- The works including pipe & chamber installation, testing and reinstatement was completed in 5 days.
- Each chamber was able to be installed with 10 man-hours of labour, this is 1/3rd of the labour required for concrete, and enabled a savings of 100 man-hours over the course of the project.
- All chambers held water at first test, meaning no lost time looking for leak paths.
- The factory produced chambers, with pre-benched bases and integrated pipe sockets allowed a consistent finish of a higher quality than would be achieved from concrete.
- 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.

"The reduced need for confined space entry represents significant value for us, from a Health and Safety perspective."

Dayle Widdup, Broadspectrum

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