

Case Study: Kell Park Manhole Installation  
Region: Albany, Auckland  
Client/Contractor: CDS New Zealand Ltd

Outline:

- Development on Library Lane necessitated a new 250 OD PE sewer line to connect to existing reticulated sewer infrastructure. The path of the line was through a forested park, so the new line was directionally drilled and thrust into place.
- A receiving chamber was required ahead of the existing concrete chamber. The location of this was not possible to access with a digger.
- A ROMOLD DN1000 manhole chamber was chosen for it's ability to be carried into site.

Outcome:

- The location of the installation made for a very technical project. The excavation was made through hydro-excitation to remove the need for digger access.
- A ROMOLD DN1000 manhole chamber pre-benched with a DN225 channel was used. The 250OD PE line was inserted straight into the inlet socket, with a short length of DN225 PVC used to connect to the existing concrete chamber.
- Installation of the ROMOLD chamber took one day, including backfilling and was a very smooth component of a tricky project.

*"Due to the access issues using a ROMOLD chamber was a very practical solution for this installation. What the guys didn't anticipate was how easy and quick the install would be. It turned out to be a very efficient process, and one that we will look at again for future projects."*

Joseph McGarr, CDS

