

Case Study: Ohope Beach Rising Main Receiving Chamber

Region: Whakatane

Client/Contractor: Draintech

Outline:

- An existing rising main receiving chamber of concrete construction had suffered from H₂S attack and required replacement.
- The ROMOLD DN1000 PP/PE manhole was chosen for its durability and resistance to corrosion.
- The application was within a busy roadway which experiences significant holiday traffic.

Outcome:

- A custom fabricated PE base was used to enable easy and fast connection to the existing rising main and two further lateral connections.
- Pre-planning of angles and invert levels of the inlets was essential and allowed the install to run smoothly.
- The pre-fabricated chamber base was installed within several hours allowing the line to go live without undue delay. As a result the reliance on sucker trucks to collect from the rising main was minimised.
- The complete chamber was installed ready for road sealing in 1½ days.

"Plastic chambers were new to us but after the installation we were convinced that this is the right way to go. We can see a lot more of these chambers being used in the future as old infrastructure is renewed with more durable solutions."

Darrin Dudson, Draintech

