



Case Study

Sewer Rising Transfer Main – Oakura to New Plymouth.

Apollo PVC-O Rises To Perform.

In the past, Oakura's sewage has been treated by septic tanks on each property. Sub-divisional growth and the transient population, during holiday seasons has prompted the installation of a community sewage reticulation system. Raw sewage is now transferred through a twin pipeline, 11 Km, DN150 Rising Sewer main, back to New Plymouth.

Apollo PVC-O was chosen during the design process for its high flow capacity, fatigue performance and durability. Apollo provided flexibility around tight curves and minimized the quantity of in-line bends required.

The contractor commented that Apollo was light weight able to be handled without mechanical aid, allowing the installers to lift the pipe into the trench by hand. The Apollo **Blueseal** locked-in-place seal ring joints, were easily hand assembled due to low insertion forces required.

The installations took place during 2007 & 2008.

Contractor;	Keenan Contracting, Wanganui.
Council;	New Plymouth District Council.
Design Consultant;	GHD, Lower Hutt.

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Apollo flexibility reduces use of pipeline bends



Manual lifting of DN150 PN16 Apollo



*Apollo **Blueseal** joint assembly without a bar*

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