

PEZZIMENTI TUNNELBORE



Specialising in: **Highly Accurate, Laser-Guided Microtunnels**

Riley's Creek



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WEBSITE | www.pezzimenti.com.au

4 OUT OF THE 10 MICROTUNNELS WERE COMPLETED USING THIS METHOD
Freebore in Self-Supporting Ground.



TOTAL
988m



DIAMETERS
Ø430
Ø530
Ø630



GROUND
Shale
Clay



CARRIER PIPES
375 GRP
300 uPVC

OUTER CASING
406 Steel
508 Steel



The Rileys Creek Carrier was designed as a trunk main to service properties either side of Camden Lakeside Golf Club. The carrier had to be constructed with minimal disruption to the golf course facilities and players.

Manholes were designed in limited access areas and microtunneling was chosen as the construction method to construct the flat grades along this line between manholes.

Client
Mystold

Location
Rileys Creek

Length
998m Total
10x microtunnels

Categories
Sewer
Golf Course Greens and Fairways



Project Details

The majority of the pipeline was located in shale. This meant that steel sleeve was not required as an enveloper pipe - given the ground self supports - the bore stays true to shape until grouted. The original design had steel sleeve along the entire route - by not using steel sleeve this saved the developer and SWC approx \$200/m and also saved time by not having to insert it.

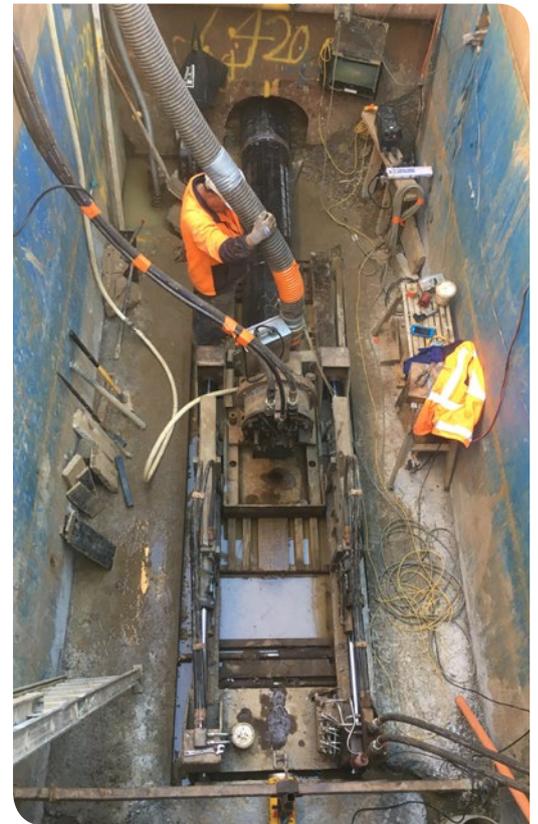
Where the ground didn't self support or where the bore travelled under an existing dam, sleeve was required.

All of the bore shafts were located in quite difficult to get to areas. Machinery configuration had to be flexible to accommodate some tight situations. The vacuum could stand remote from the shaft using vacuum hose to join in with the jacking frame.

During March and April, access to parts of the golf course were limited due to flooding so the project had to stop for two months. Heavy vehicles simply couldn't get to the areas required.

Once the weather dried up again, the works were completed with time being caught by up using two crews - one to bore and the other to follow pushing in the pipes and grouting. This saved around 4 days per bore.

Overall, close to 1000m was bored on this Project.



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For all inquiries – including Job Inspections,
Quotations and Project Feasibilities –
please don't hesitate to contact Pezzimenti
Tunnelbore. We are confident we'll hit the
mark on your next microtunneling project.

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When Accuracy Matters.