

5/11/2024

Dear Leighton,

### **Harania and Te Ararata Making Way for Water Projects.**

Following the anniversary Day flooding events which caused significant flooding in the Harnaia Steam effecting several hundred upstream properties Healthy Waters has initiated several projects to address this risk. The sites listed below have a significant impact on Watercare Transmission assets.

#### **Harania Stream**

The Eastern interceptor is a critical wastewater assets that transports large volumes of wastewater to the Mangere Wastewater treatment. The catchment of the Eastern interceptor stretches from Mount Roskill through the CBD, the Eastern suburbs, Pakuranga and large parts of South Auckland. For context, Peak flows in the Eastern interceptor can reach 3,500 l/s and it is the 2<sup>nd</sup> largest pipe in the Watercare wastewater network.

Where the eastern interceptor crosses the Harania stream it is supported by an embankment and culverts. The eastern interceptor embankment effectively causes a dam which holds water behind it during storm events and is a contributor to the flooding issue. As part of the Making Way for Water project the Eastern interceptor will be relocated to a bridge structure to allow storm flows to pass below it. Watercare has worked closely with Healthy Waters and the wider project team to develop a solution for relocating this critical wastewater asset to enable the project,

Watercare supports the concept design developed and agrees it is an appropriate solution to develop further and will achieve the joint objectives of opening the stream and protecting the wastewater network. Due to the project not yet having been fully designed, Watercare reserves the right to request additional changes or add requirements through the detailed design process.

#### **The Te Ararata Stream**

The 800mm Mangere Watermain is currently supported by a standalone piers at Walmsley Road crossing of the Tarata stream. This critical transmission watermain services the Mangere industrial zone and the parts of the airport precinct. This pier supporting the pipe will need to be relocated to allow the stream to be widened.

Watercare is in support of the proposed works and have been working with Healthy Waters to develop a solution that that both protects the watermain allows the project objectives to be achieved. Watercare supports the current concept design and will continue to work with healthy

waters to detail the final design. Watercare reserves the right to request additional changes to the design as it progresses.

Watercare will also work with Healthy Water over the coming months to develop find a suitable location for the realignment of the 300mm water and wastewater assets in this location.

Please contact the undersigned if you need any further information.

Yours sincerely

A handwritten signature in blue ink, appearing to read 'S Danks', with a horizontal line extending from the end of the signature.

Sharon Danks

Head of Water

Watercare