



## DISPATCH

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CUSTOMER OPERATIONS GROUP



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### KORIMAKO STREAM WASTEWATER REPAIR

On Tuesday 24 August, our planning team worked to replace a fragile section of wastewater pipeline at Korimako Stream. The heavy rainfall over the month beforehand caused the pipeline to significantly deteriorate. The location, which was incredibly difficult to access, meant that the crews had to use a helicopter to transport equipment.

On Sunday 29 August the team installed 50 rock bags via helicopter, completing the first phase of work, mitigating the immediate risk and helping to stabilise the toe of the Korimako Stream bank and wastewater pipe. The second phase of work includes continuing the bank stabilisation works and the replacement of the 375 AC wastewater main and manholes through this section of disrupted pipe and bank. The second phase will be carried out over this week, starting 30 August.

Sheena O'Brien one of our Graduate Engineers managed this complex project with her fellow planning teammates and a FH capex contractor. **Well done team!**  
*Pictures above and top right.*

### A SHOUT OUT FROM COLIN CRAMPTON

A big shout-out to Jess and Sandy from our customer hub, who were very proactive in keeping people informed during a widespread outage in Brooklyn on Wednesday 25 August. Some great customer feedback was received, great work, and of course; a big thank you to the team that got the burst fixed and the water back on quickly.

### GROUP MANAGER'S MESSAGE

Kia ora koutou

We hope you and your families are safe and well. On 1 September we transition from Covid Level 4 to Level 3. Even though we have dropped a level, we still require the use of masks at all times and maintaining the appropriate physical distance from each other. We appreciate working under these conditions introduces operating challenges in the field and we thank you for responding to these and being diligent with these controls. We are very proud of the great work that you are all doing, ensuring that we continue to provide safe and healthy water to our customers and communities. Keep safe.

Ngā mihi  
Kevin



Above Sio and Vili packing up their site after repairing a wastewater pipe in Maungaraki.



## BP TRUCK STOP SH2

As a result of the heavy rainfall on 17 July, there was bank subsidence above the culvert intake at BP Truck Stop site on SH 2 Hutt Road. Capital Journeys cleaned out the intake a number of times as materials were brought to the site. On 13 August one of our crews noticed water ponding at the BP site and found water to be contaminated with wastewater.

The team made a repair outside subsidence while ensuring the wastewater did not discharge into the environment via the Wellington harbour which was just across the highway, very close to the site. Once the repair was made, it was identified that the wastewater was still leaking, and it was likely that there would be further breaks.

Geovert Limited who are Geotechnical company who specialise in bank stabilisation were engaged as well as Silverlining and Ramsbottom who helped to complete the repair. When Geovert safely abseiled down the bank to assess the slip, they located two further wastewater breaks. See below. Since then, the team alongside the subbies have come up with a plan to stabilise the breaks.

Damus Ogle from the planning team lead this project with support from his fellow planning teammates, Geovert, reps from the Wellington Water H&S team (Luke and Robert), and Geovert's H&S rep. The work was significantly impacted by many health and safety aspects including the wastewater, physical safety due to the complex location and also COVID 19 restrictions. Well done to the team!!!



## CELEBRATING OUR PEOPLE

It's been great to see our group smashing out qualifications recently. This month we'd like to celebrate Dan Paulo (*pictured above*) who received the **Connexis Recognition of Current Competence (RCC) Level 4 qualification in Potable Water** from his Manager - Steve Watt. In the South Wairarapa the team maintain all 3 waters, so Dan is applying for the wastewater strand now.

Nice work Dan on achieving this qualification!

## BUILDING OUR RESPONSE CAPABILITY

In early August the first 2 pumps which we were able to purchase with part of the stimulus funding arrived. The pumps are fit for 95% of what we require and are currently based at Porirua depot, awaiting some WWL signage. The 6-inch pumps are capable of pumping 480m<sup>3</sup> per hour or 120L/sec each. They come with 12m intake hosing and 100m of outlet hosing with level floats.

This purchase allows our crews to deploy our pumps immediately without delay, when and where required, increasing our response capability, and reducing our reliance on contractors and hired pumps. This will result in some great savings on future Opex costings. Ultimately, we would like to see each depot have 2 pumps to ensure we can respond quickly and effectively to any event or incident.





## BUILDING RESILIENCE INTO THE BULK WATER NETWORK

On 28 July the Pomare Pipelines and Fabrication Team and their contractors successfully fabricated a new 900mm diameter isolation valve and associated pipework. *Pictured below.*

There are long stretches of bulk water mains that do not have isolation valves close enough together, which means it can take up to 4 hours to dewater and 4 hours to recharge when completing works. The installation of this valve (Belmont Road in Judgeford) means the time is significantly reduced.

This 900mm watermain carries water from the Te Marua Treatment Plant to the various areas noted below:

- o All of the Upper Hutt Reservoirs: Plateau Road through to Kingsley.
- o Haywards Hill Reservoirs: Manor Park, Haywards B and Haywards No. 2.
- o Porirua Reservoirs: Bradey through to Pukerua Bay.
- o From Linden Reservoir (Res) through to Karori/Aro Res and Bell Road, including the Ngauranga Terminal Res.

The team along with involvement of NMG operators, Utilities, NDD and our customers completed the shutdown and installation which took approximately 18 hours to complete with staff's time managed in shifts. The network reservoirs remained above 50% until water was back on.

Steve Watt shared; it's nice to see a project like this run in-house, involving and utilising our wider WWL groups and their skills. Meticulous planning and communication goes into a planned shut down like this so well done team!



## WORKING ON GRACEFIELD'S WATER SUPPLY

At a site in Gracefield, there was a long-running leak that was being repaired. To get to the leak, which was at the very bottom of the hole, the team had to navigate two communications pipes (green), the entire gas supply to Wainuiomata (yellow), and an electricity cable (pale red). *Pictured right.*

The white pipe at the top left is for the pump used to keep the hole clear. The water supply feeds an industrial subdivision in Gracefield. With strict guidelines around working under level 4, the team was able to disconnect supply during the day – which the congested services require – without disruption to all the businesses there. A representative of the gas company was on site throughout.

