

TE MATO VAI

Delivering A Reliable Supply Of Safe Drinking Water To The People Of Rarotonga
NEWS UPDATE, AUGUST 2018

WHAT'S HAPPENING?

STAGE 1 – OLD RING MAIN DECOMMISSIONING INVESTIGATIONS

We have now completed the old ring main decommissioning investigations for the Arorangi, Titikaveka, Ngatangia, and Nikao sections of the island. This means we can now progress the planning and preparation of tender documentation for the physical works to reconnect properties in those sections of the island that we know are still connected to the old ring main. The physical works will mean they will receive water from the new ring main via a sub-main when the old ring main is shut off for good.

STAGE 2 - INTAKE UPGRADES

Turangi intake site

The 8m high stainless steel storage tank is currently being assembled layer by layer. As each 1.5m high section is completed, the contractor lifts the structure up another 1.5m using custom designed jacks and continues to sequentially construct the storage tank from the ground. This construction method significantly reduces the need to work at height, as almost all work is undertaken at ground level.

Avana intake site

With the settling tank base complete, McConnell Dowell is now constructing the concrete walls of the settling tank by pouring concrete into moulds using a 50 tonne crane. The moulds are then removed once the concrete is set, leaving the new wall in place.

Tupapa and Matavera intake sites

Earthworks (clearance, excavation, filling) are underway at both of these intake sites.

Avatiu trunk main upgrades

1.5 km of new polyethylene pressure pipe has been laid in the ground as part of the Avatiu trunk main upgrade works. The pipe has been installed using the industry-standard process of "butt welding", which ensures a strong durable bond through the temperature and pressure by which individual sections of pipe are connected.

WORK SITES OFF LIMITS TO THE PUBLIC

All Te Mato Vai work sites, including access roads leading up to the current 'live' work sites at Turangi, Avana, Matavera, Avatiu, Tupapa and Papua, are off-limits to the general public for health and safety reasons.

Recently we have noticed members of the public are putting themselves in danger by visiting the construction sites on the weekend and after work hours. Recreational walkers, runners, motor bikers, and mountain bikers entering the area are all at serious risk of harm from construction related hazards.

Public safety is a priority for both the Te Mato Vai Project Management Unit (PMU) and McConnell Dowell. This is why access to TMV work sites is restricted to authorised construction personnel, landowners, and residents living nearby. The PMU has also been engaging with tourist operators regarding the restricted use of access roads and will continue to do so during construction.

McConnell Dowell is required to do everything practicable to make the construction sites safe during and after working hours. There are strict health and safety processes in place for access to and on a work site. When required, McConnell Dowell site personnel will help landowners and residents using the access roads to get to their property safely.

PMU UPDATES THE HOUSE OF ARIKI

On 9 August 2018, the PMU team presented at the House of Ariki conference, providing a high-level update and answering questions on the Te Mato Vai and Mei Te Vai Ki Te Vai projects. The PMU thanks the House of Ariki for allowing the team to present, and for their comments and support of both projects. The PMU will continue to keep the House of Ariki updated as the projects progress.



EAA TEIA E TUPU NEI?

TUANGA 1. TE AKARAKARA MATATIO'ANGA ITE PAIPA VAI MAATA TAITO

Kua oti i teiane i te akarakara matatio'anga ite au paipa vai ote au ngutuare e te au ngai kimi puapinga e tei runga rai ratou ite paipa vai maata taito no te tu'anga o Arorangi, Titikaveka, Ngatangia e pera a Nikao. Ko te aite'anga i reira ka rauka ia matou i teiane i te rave atu ite parani'anga e pera te akateateamamao'anga ite au angaanga te ka anoanoia no runga ite tamou atu'anga i teia au paipa vai ki runga ite paipa vai maata ou. Ka tukuia atu te pati'anga ki tetai ua atu ka inangaro ite rave i te au tu'anga angaanga ka anoanoia note tamou'anga atu ite au ngutuare e pera te au ngai kimi puapinga tei kiteia mai e tei runga rai ratou ite paipa vai maata taito ki runga ite paipa vai maata ou i teia au ngai. Ko te aite'anga i reira ka rauka mai to ratou vai mei roto mai ite paipa vai maata ou me tamate takiriia te paipa vai maata taito.

TU'ANGA 2: AKAOU'ANGA ITE AU NGAI KAKAPU'ANGA VAI

Ngai Kakapu'anga vai o Turangi

Te akatuia nei te tangika akaputu'anga vai o Turangi e te ta tu'angaia nei te akatu'anga i teia, e 8 metera te teitei o teia tangika. Me oti e 1.5 metera tu'anga ite akatuia kua taki e kua pa'uia atu teia ki runga ite tu'anga tangika tei oti na roto ite ta'anga'anga ite matini note taki'anga i teia ki runga, te na reira nei te akatu'anga i teia tangikia. Ko teia tu akatu'anga, kua riro teia ite akaiti ite tu'anga note 'anga'anga 'anga ite ngai teitei note mea kote maata'anga ote 'anga'anga te raveia nei teia ki raro ki runga ite enua.

Ngai kakapu'anga vai o Avana

Note mea oki e kua oti i teiane i te ta'ua note tuku'anga ite tangika au'anga vai ki runga, te rave nei i reira a McConnell Dowell ite akatu ite paruru timeni ote tangika na roto ite riringi'anga ite timeni ki roto ite au paruru tei akanooia takapini ite tangika e mate ta'anga'anga atu ite matini tataki apinga mei te 50 'tane tana ka rauka ite taki. Ka aka'ateaia i reira te au paruru me toka te timeni, ka rauka i reira te paruru timeni ou.

Ngai kakapu'anga vai o Tupapa e Matavera

Te raveia nei te 'anga'anga ki runga ite enua (tama'anga, ko'anga ete akaki'anga) ki teia nga ngai kakapu'anga vai e rua.

Ngai kakapu'anga vai o Avatiu

Kua oti i teiane e 1.5 kiro metera pu paipa vai maata ou ite tukuia atu ki roto ite enua ei ravenga note akameitaki'anga ite pu paipa vai maata o Avatiu. Kua tukuia atu teia au paipa na roto ite aru'anga ite au akanoonoo'anga ete akateretere'anga tau no runga i teia au tu'anga 'anga'anga kia rauka te akapapu e kua matutu meitaki teia au paipa note apai ite turanga vera me kore anu e pera katoa te turanga ririnui ote vai ite au tu'anga ngai tei pa'uia.

KARE E AKATIKA'IA TETAI UA ATU TANGATA KI RUNGA ITE AU NGAI E 'ANGA'ANGAIA NEI

Pouroa te au ngai e 'anga'angaia nei e Te Mato Vai, pera te au mataara e aere nei ki teia au ngai e anga'angaia nei ki Turangi, Avana, Matavera, Avatiu e Papua, kua araiia te reira ki tetai ua au tangata no te ravenga paruru atu kia kore e tupu tetai au kino e pera te manamanata kite iti tangata.

I teia au ra i topa kua kite matou i tetai aronga e tuku nei i to ratou ora'anga na roto i tetai au ravenga kino te ka tupu ake koia oki te aere'anga atu ki runga i teia au ngai 'anga'anga ite openga epetoma me kore i muri ake ite au ora 'anga'anga. Kote au tangata e aaere nei, e oro nei, e akaoro nei i to ratou au patikara matini na teia au ngai tei araiia te tuku nei ratou i to ratou ora'anga ki roto i tetai au ravenga manamanata me kore kino me tupu ake te reira.

Kote ora'anga ote iti tangata te mea pu'apinga roa atu ki roto i teia nga tu'anga 'anga'anga koia te Te Mato Vai PMU e pera te McConnell Dowell. No reira i akanooia ei e ko te aronga 'anga'anga, te au atu enua e pera te aronga e noo nei me kore e ta'anga'anga nei i teia au ngai, ko ratou ua te ka akatikaia ki runga i teia au enua e 'anga'angaia nei. Te 'anga'anga kapiti nei te PMU kite aronga kimi pu'apinga e ta 'anga'anga nei i teia au ngai e ka 'anga'anga kapiti ua atu rai kia ratou ite au tuatau e 'anga'anga nei.

Kua anoanoia a McConnell Dowell kia rave ite au 'anga'anga te ka riro ite akapapu e e turanga meitaki to teia au ngai i te au tuatau e 'anga'angaia nei e pera katoa i muri ake ite au ora 'anga'anga. E au tu'anga matutu tei akanooia note paruru atu i tetai ua atu au kino e te manamanata kia kore e tupu ki runga ite mataara e pera katoa ki runga ite au ngai 'anga'anga. Me ka anoanoia, ka tauturu te aronga 'anga'anga ate McConnell Dowell ite au atu enua me kore aronga e noo nei ki teia au ngai kia tae meitaki ratou ki to ratou au ngutuare me kore kite au ngai ta ratou e ta'anga'anga nei.

KARERE AKAKITEKITE KITE ARE ARIKI

Ite ra 9 o Aukute 2018, kua oronga atu te pupu ote PMU ite au karere akakitekite ki roto ite Uipaanga Mataiti ate Are Ariki no runga ite nga tu'anga 'anga'anga Te Mato Vai e pera katoa te Mei Te Vai Ki Te Vai. Kua oronga katoa te PMU ite akameitaki'anga ma'ata kite Are Ariki no tei akatika mai kia orongaia atu teia au karere akakitekite e pera katoa no to ratou au manako tei oronga mai e pera te turuturu i teia nga tu'anga 'anga'anga puaping. Ka rave ua atu rai te PMU ite oronga'anga ite au karere kite Are Ariki no runga i teia nga tu'anga 'anga'anga.