

# TE MATO VAI

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

## WHAT'S HAPPENING?

### STAGE 1 RING MAIN COMMISSIONING

Landholdings Ltd have been progressing the last of the ring main commissioning works this month. As Landholdings have been moving around the island, we've been publishing many Public Notices and Facebook posts to spread the word about the water supply disruptions to properties in the affected areas.

Meitaki maata for everyone's patience around the work sites and the disruptions to water supply that have been encountered.

The good news is that all of the new ring mains on both the Arametua and Aratapu around the island are now live, meaning water is running through these new pipes to your house or business. Some final decommissioning works are still in progress, but we are almost there.



*Aerial plan showing the living of all new ring mains (as at 18 May 2018)*

### STAGE 2 INTAKE UPGRADES

#### Turangi and Avana intake site earthworks

Earthworks are progressing at the Turangi and Avana intake sites as well as the transportation of materials. The photo below shows an excavator preparing the ground in advance of the foundations required for a new stainless steel storage tank. The Turangi intake site will have one stainless steel storage tank, capable of holding approximately 2.4 million litres of water. This storage tank will measure 20m in diameter with a height of 8.5m, and be partially buried in the ground.



*Earthworks underway at the Turangi intake site to prepare for a new water storage tank*

#### Papua trunk main upgrade works

At the Papua water intake site – the focus has been on replacing the trunk main. The existing trunk main from the new intake site facilities to the new ring main will be entirely replaced with a new 1.3km long 200mm diameter polyethylene PE pipe and steel pipe at river crossings. The replacement of the first 580m is currently being undertaken and is nearly complete.

#### Avana and Turangi intake access roads

Repairs have been required to the Avana and Turangi access roads after the major rainfall and storm events in Rarotonga. A number of stream crossings have also been required to be repaired and have been undertaken by McConnell Dowell and local contractors Mike Rennie Builders to continue to provide reasonable access for vehicles into the Avana and Turangi intake sites.



*Papua trunk main works*



# TE MATO VAI

Te Oronga Anga Mai I Te Vai Papu E Te Ma No Te Inu Ki Te Iti Tangata O Rarotonga  
Nuti Ou, Me 2018

## EAA TEIA E TUPU NEI?

### TU'ANGA 1: TE PA'U'ANGA I TE PAIPA VAI MAATA OU

Ko te kamupani Landholdings Ltd te aere ua atu nei rai ta ratou anga'anga no te akaoti'anga i te tu'anga anga'anga note pa'u'anga i te au ngai angai'anga ite paipa vai maata ou. Te aere maru ua atu ra te rave'anga i teia au anga'anga. I te kamupani Landholdings Ltd e rave nei i teia au tu'anga anga'anga, kua tuku ia atu te au akakitekite'anga note au tamanamanata'anga ite aere'anga ote vai te ka tupu na roto ite au ravenga akakitekite e pera katoa ki runga ite kapi ote Matapuka. Meitaki maata kite iti tangata no to kotou akakoromaki ia matou e rave nei i teia au 'anga'anga. Kote nuti mataora koia oki kua ora i teiane i te au paipa vai maata ou i runga i te Arametua e pera te Aratapu takapini i te enua, kote aite'anga te ta'e nei te vai na roto i teia au paipa vai ou ki to kotou au ngutuare e pera kotou te au pitinini. Te aere ua atu nei i reira te au 'anga'anga no te au ngai toe, te vaitata nei te reira ite oti.



Tutu nate mareva mai te akaari mai ite akaora'anga o te pa'u'anga o te paipa maata ou takapini i te enua.(ra 18 Me 2018)

### TUANGA 2: TE AKAOU'ANGA I TE AU NGAI KAKAPU'ANGA VAI

#### Te anga'anga ki runga ite enua ite ngai kakapu'anga vai o Turangi e Avana

Ko te 'anga'anga ki runga ite enua o te ngai kakapu'anga vai o Turangi e Avana te aere maru ua nei te reira e pera katoa te tari'anga ite au apinga te ka ta'anga'anga ia no te akameitaki'anga i teia nga ngai kakapu'anga vai. Ko te tutu i raro nei, te akaari mai nei te reira ite anga'anga note akateateamamao'anga i te enua note tuku'anga ite tango o te tangika vai auri ou no te vairanga'anga vai no Turangi. E tai rai tangika auri ou te ka inangaro'ia no te ngai kakapu'anga vai o Turangi, mei te 2.4 mirioni rita vai te ka vai ki roto i teia tangika vai ou. Ko te atea o teia tangika mei te 20 metera te takapini e mei te 8.5 metera te teitei e ka tanuia tetai tu'anga o te tangika ki roto i te enua.



Te 'anga'anga e raveia nei ki runga ite enua note akateateamamao'anga ite ngai note akatu'anga ite tangika vai ou ite ngai kakapu'anga vai o Turangi

#### Te akaou'anga ite pu paipa maata no te kakapu'anga vai o Papua

Kite kakapu'anga vai o Papua – kote tu'anga anga'anga e raveia nei i teiane koia oki ko te akaou'anga i te pu paipa maata. Kote pu paipa maata e ta'anga'anga ia nei mei ko mai ite ngai ka akaouia te kakapu'anga vai o Papua kite paipa vai maata takapini ite enua, mei te 1.3 kiro metera te roa e te 200 miri metera i te takapini i teia paipa 'polyethylene PE', e pu paipa vai auri te ka tuku iatu na raro ite au tikoti'anga ote kauvai. Te vaitata nei ite oti te akaou'anga ite 580 metera ote pu paipa mua.

#### Te au mataara tikoti'anga no te ngai kakapu'anga vai o Avana e Turangi

Kua anoanoia kia raveia tetai akameitaki'anga ki runga i te au mataara kite ngai kakapau'anga vai o Avana e Turangi i muri ake ite ua maata tei topa e te puke'anga vai i Rarotonga nei. Kua anoano katoa ia kia akameitakiia tetai au mataara tikoti'anga ite au kauvai e kua riro e na te kamupani McConnell Dowell e te kamupani Mike Rennie Builders i rave atu ite akameitaki'anga i teia au mataara kia rauka ite au apinga akaoro ete au matini ite aere ki te ngai kakapu'anga vai o Avana e Turangi.



Anga'anga ki runga ite pu paipa maata o Papua