



Kaitiaki, kaimahi me te kāpata Kai: Iwi solution seeking in wastewater treatment



# History

2011 - 2013 Environment court

2014 RRSS SC

2016 Cultural Impact Assessments

Cultural Management Plan

**Cultural Impacts Team** 

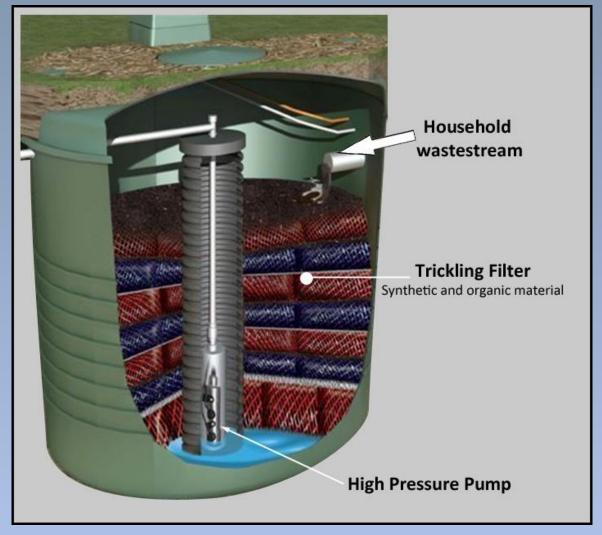
2017 (Aug) Resource Consent approved

2018 Iwi Wastewater Liasion Group (IWLG)

# Project (PhD Thesis) questions

- 1. What would culturally appropriate pre-treatment solutions look like and how do they fit with the demands of modern times?
- 2. Can cultural concessions be made when there are not a lot of practical options to choose from?
  - 3. How could we mitigate against cultural offence?
- 4. What type of strategies and solutions would best fit Māori that also align with the needs of the general community and other affected stakeholders?
- 5. Can we effectively engage with stakeholders to develop options and make the scheme a reality?





Biolytix units breakdown the solids and separate from grey water to mitigate against cultural offfence.

# What is the East Rotoiti-Rotomā Sewerage Scheme?

- Reticulated sewage network

  24kms 46kms pipe

  (April 2020)
- Wastewater Treatment Facility Haumingi 9B3B whenua – central Rotoiti (April 2019)
- > \$32m

### CULTURAL IMPACTS ASSESSMENT

- **≻**Purpose
- >Acknowledgement and Recognition
- **≻**Relevance
- **≻**Objectives

### **HOW CAN EFFECTIVE ENGAGEMENT WORK?**

#### Inform:

Provided balanced and objective information to assist whanau/hapū/iwi in understanding issues

#### Empower:

Actively involved in the decision-making processes



#### Consult:

Obtain feedback from whanau/hapū/iwi to inform Council's decision-making

#### Collaborate:

Work in partnership with hapū and iwi in each aspect of decision-making and implementation

#### Involve:

Work directly with hapū and iwi throughout the process to ensure that issues and concerns are consistently understood and considered

### KEY RECOMMENDATIONS

1. Appointment of Iwi Representatives to be embedded into the Project Team

2. The establishment of the Iwi Wastewater Liaison Group





3. Iwi protocols to be included in all aspects of the Scheme throughout its full-life

### **CULTURAL HEALTH AND SAFETY INDUCTION**

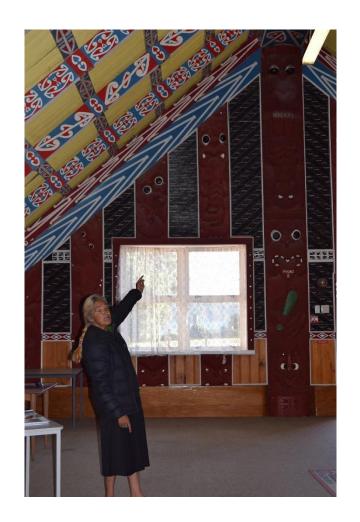
### The purpose:

to inform, guide and provide relevant information to all persons who are required to undertake activity on the lands affected by the Rotoiti/Rotoma Sewerage Scheme.



It will ensure that such activities are performed in a way that respects the mana and cultural values of the affected iwi and hapu. In this context our aim is to:

- Provide a basic understanding of the local iwi and hapu;
- Inform visitors of particular areas of significance; and,
- Afford an understanding and an appreciation of the significance of the area to iwi and hapu.



### ACCIDENTAL DISCOVERY PROTOCOLS

### WHY?

Protocol guidelines are provided for the purpose of declaring to all peoples involved in works in our area, that we have expectations of the fulfilment, without argument or interference, of our tikanga principles as embodied in these protocols

### WHAT?

Protocols have been prepared for application to the East Rotoiti/Rotoma Sewerage Scheme – Reticulation Network.

### WHO?

This is a combined approach by affected iwi in respect of this project.

These protocols apply to all staff and contractors involved in works and activities associated with the Scheme

## **CULTURAL FINDS**

1. Toki – Axe head/Adze



3. Vein of Kākahi Shells









#### AN IWI VALUES FRAMEWORK

#### IWI WORLDVIEW

Manaakitanga Kaitiakitanga Wairuatanga Taonga tuku iho Wai Whenua Mauri

Kōtahitanga

#### RELEVANT VALUES ON WASTEWATER

Understand the problem

Build constructive relationships with Iwi

Effective and honest Communication

#### WESTERN VIEWS AND PERCEPTIONS

Affordability

Need to update views and understanding to make a confident and informed decision

# IWI VALUES FRAMEWORK

### Moving forward...now what?

How would you engage Iwi/Indigenous peoples into your future projects?

What knowledge could be gained by having Iwi/Indigenous groups as part of your project?

What cost savings could be had by involving Iwi/Indigenous from the beginning?