

Rotoiti Rotomā Sewerage Scheme



Scheme Outcomes

- 1. To protect and maintain Lake Water quality**
- 2. To protect public health**



Scheme Funding Partners

- **Bay of Plenty Regional Council**
- **Ministry for the Environment**
- **Ministry Of Health**

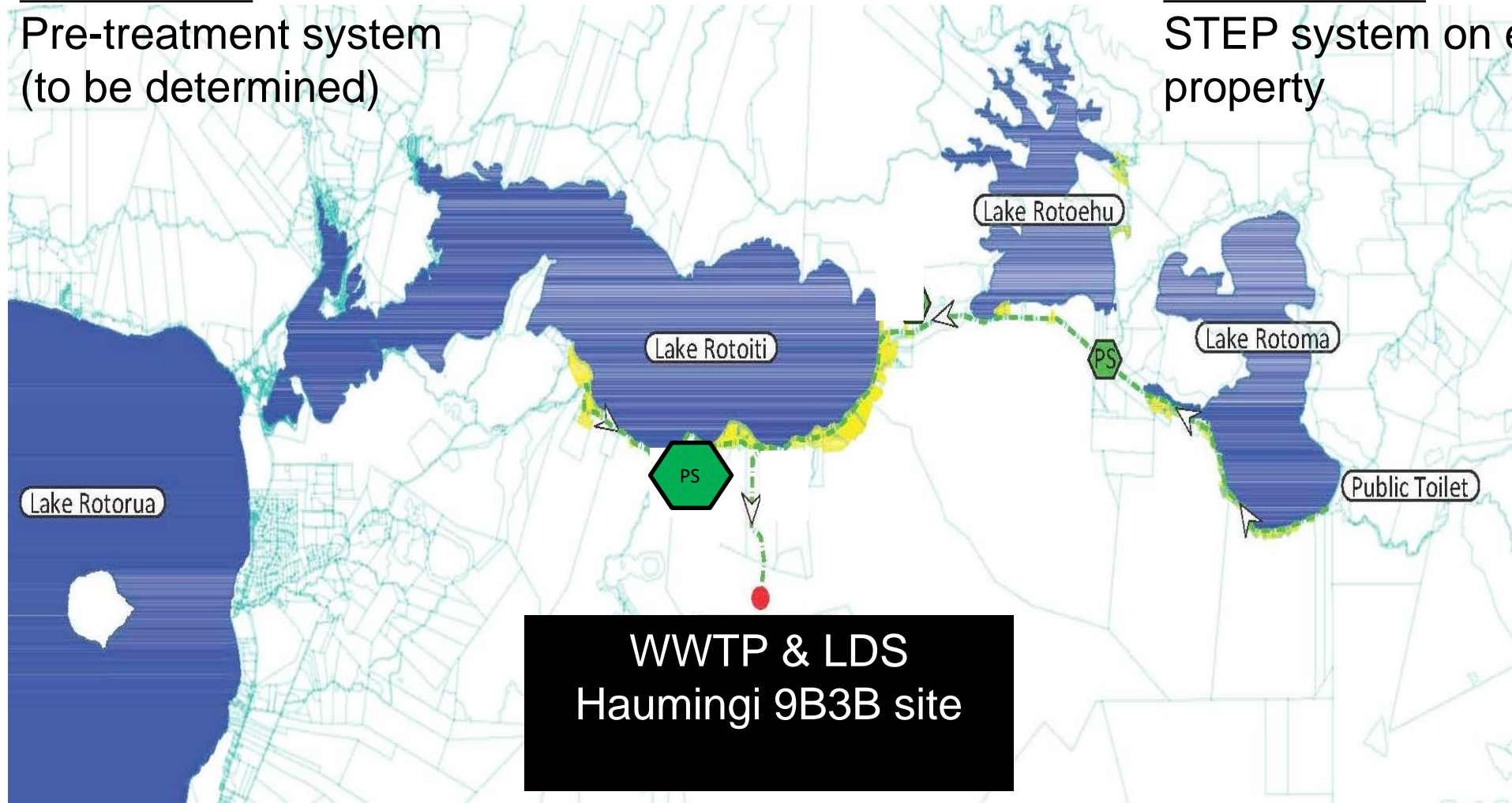
➤ SCHEME OVERVIEW

Lake Rotoiti

Pre-treatment system
(to be determined)

Lake Rotoma

STEP system on every
property



➤ Scheme overview

- Wastewater Treatment Plant
- 47kms of sewer main reticulation
- Approx. 700 on-site treatment systems
- 3 pumping stations
- 2 flushing systems
- 5 flow monitoring sites



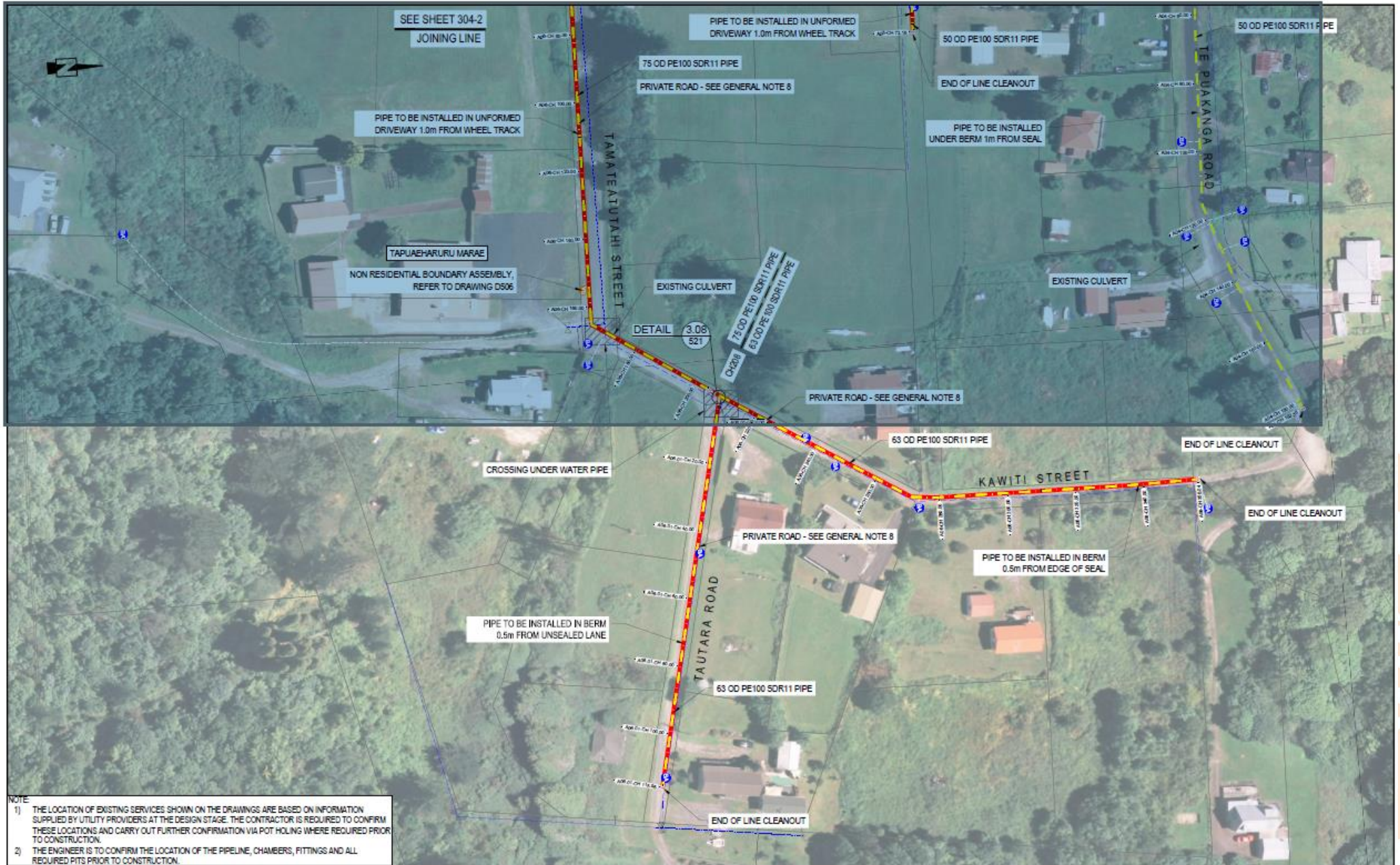
➤ Rotomā site system



➤ **Status of Project**

- **Wastewater Treatment Plant was commissioned August 2019 and has operated successfully**
- **Reticulation of Rotomā area is complete and wastewater fully treated**
- **Reticulation of Rotoiti area is complete in Public Road**
- **On-site systems at Rotoiti currently out to tender**
- **Reticulation where it affects private land yet to be undertaken**

➤ Pipeline in private land



➤ Treatment Plant

- Treatment Plant is designed for Nutrient Removal
- Effluent discharges to land
- Final effluent UV treated prior to discharge
- Will operate remotely
- Consent requires significant monitoring including lake



➤ Plant Performance

- One Years operation now completed
- Performance averaged over 12 months

Parameter	Consent Limit	Actual performance
Suspended Solids	5mg/l	1.2mg/l
E-coli	50 CFU/100ml	1 CFU/100ml
Nitrogen	7mg/l	6mg/l
Phosphorus	3mg/l	0.19mg/l

WHERE TO FROM HERE AND QUESTIONS