

Wellington Region Path back to fluoridation

Waterloo

DOSING
RELIABILITY

Current

Fluoride dosing equipment operable but can't fluoridate the amount of water Waterloo produces.

DOSING
RELIABILITY

Short-term – 1 month

System control optimization.

DOSING
RELIABILITY

Medium-term – 6 months

Ongoing maintenance and increase of spare parts held

DOSING
RELIABILITY

Long-term – 12 months+

Replace fluoridation plant. 1-3 years.

Wainuiomata

DOSING
RELIABILITY

Current

Fluoride dosing equipment operable

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Short-term – 1 month

system control optimization.

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Medium-term – 6 months

Ongoing maintenance and increase of spare parts held

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Long-term – 12 months+

Replace fluoridation plant. 1-3 years

Gear Island

DOSING
RELIABILITY

Current

Fluoride room has structural concerns making the room unsafe for operators – survey of room underway
Fluoride plant condition assessment underway

DOSING
RELIABILITY

Short term - 1 month

Make fluoride dosing room safe.
Commence Repairs to Fluoride system or source external containerized solution.

DOSING
RELIABILITY

Medium term – 6 months

Ongoing maintenance and sourcing of critical spares. Additional dosing safeguards
Close Gear Island and expand Waterloo capacity#

DOSING
RELIABILITY

Long-term – 12 months+

Replace fluoridation plant.

Te Marua

DOSING
RELIABILITY

Current

Divers booked to assess Baffle Curtain
Reinstate Fluoride plant - historically equipment unreliable
New Baffle Curtain ordered

DOSING
RELIABILITY

Short term – 1 month

If possible complete repair of curtain,
Restart fluoridation plant

DOSING
RELIABILITY

Medium term – 6 months+

Ongoing maintenance and sourcing of critical spares
New Baffle Curtain installed

DOSING
RELIABILITY

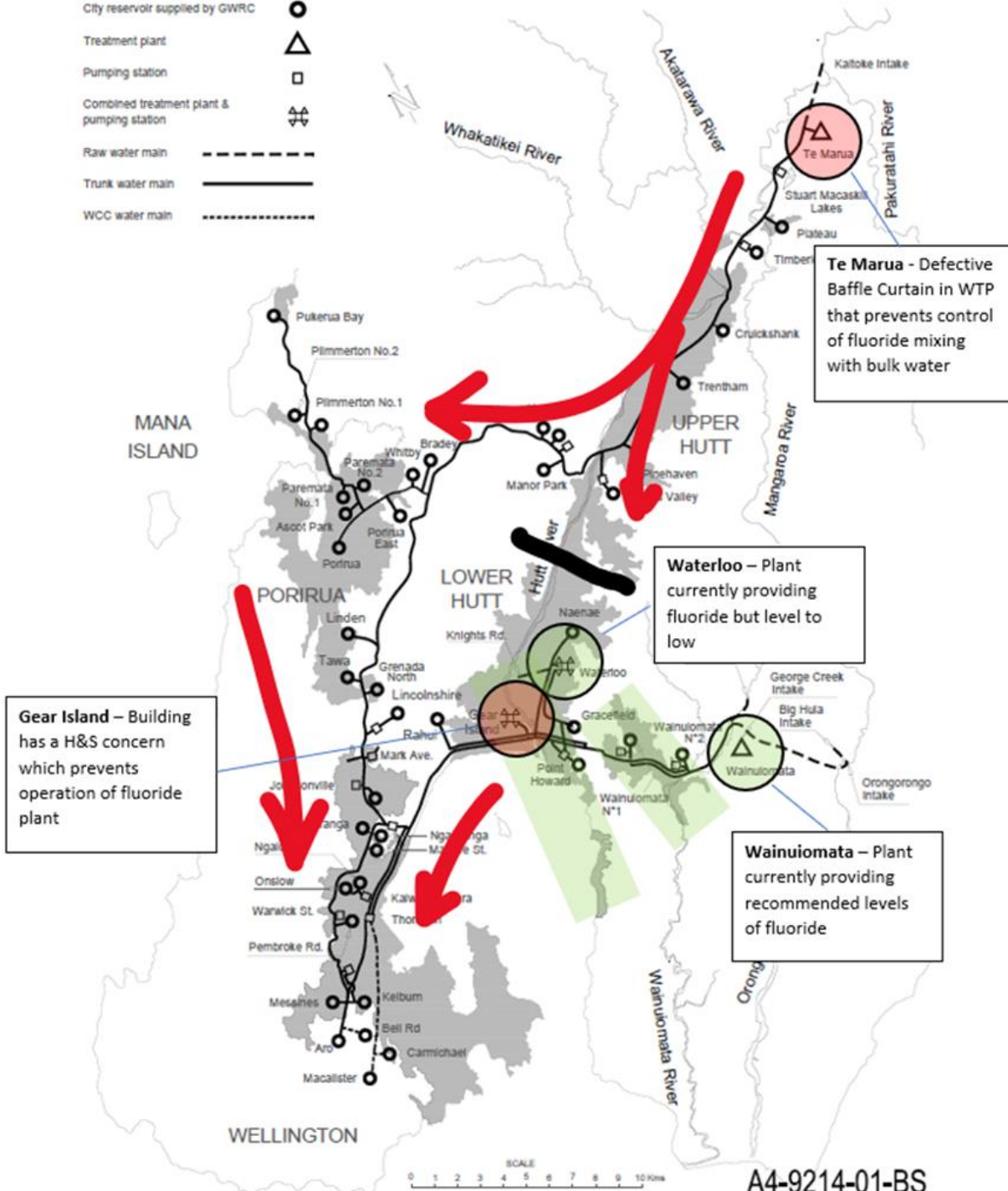
Long term – 12 months+

Options assessment, design procure and build new fluoridation plant

This would require relevant council decision to fluoridate Petone and Korokoro

Key:

- Reservoir owned by GWRC ○
- City reservoir supplied by GWRC ○
- Treatment plant △
- Pumping station □
- Combined treatment plant & pumping station ▽
- Raw water main - - - - -
- Trunk water main ————
- WCC water main - · - · - ·



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Greater Wellington wholesale water supply network