

WASTEWATER TREATMENT AT A LARGE-SCALE AGED CARE FACILITY

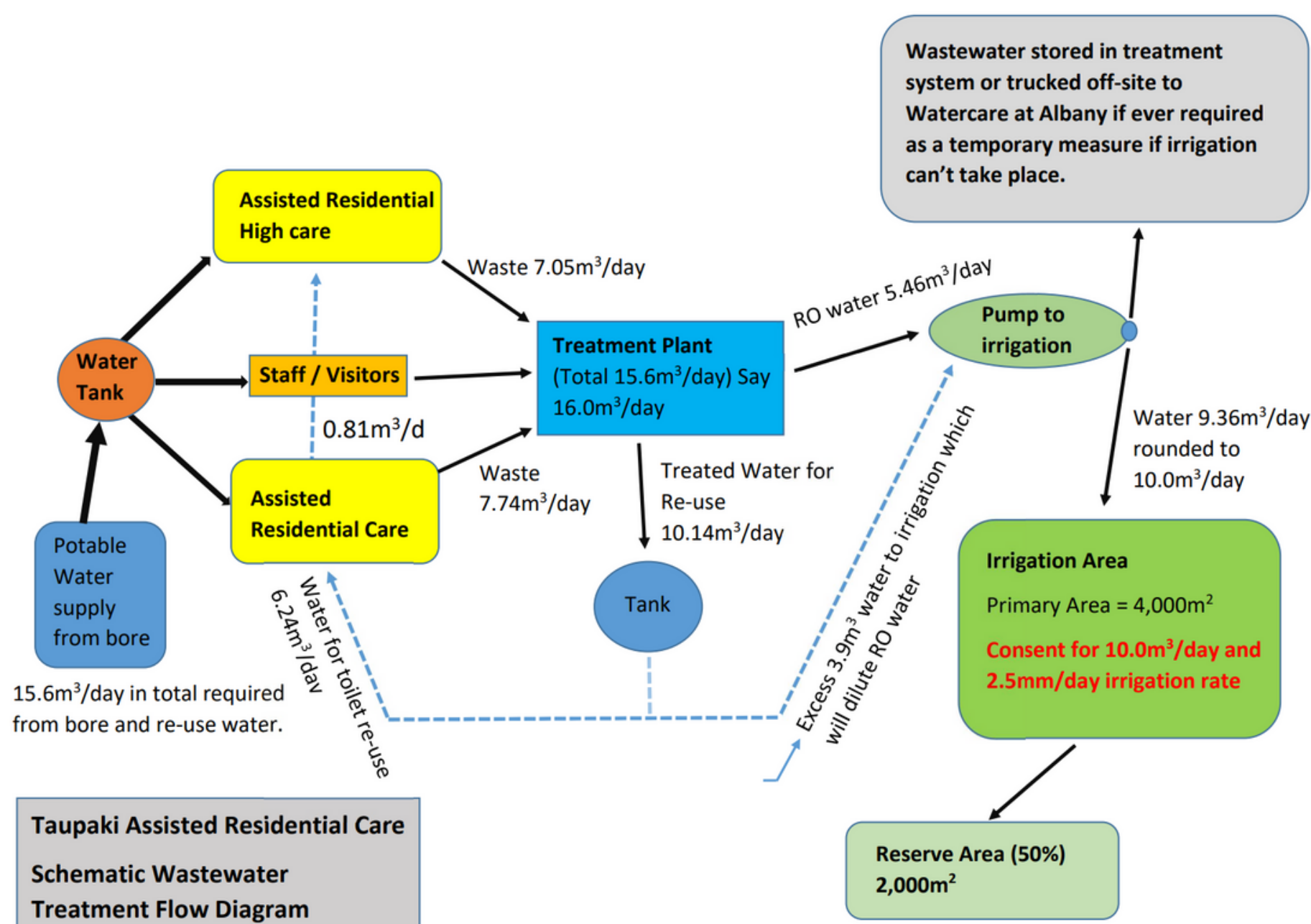
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PROJECT AIMS

- Understand the environment and constraints on the site
- Mitigation of impacts on the receiving environment.
- Design an onsite wastewater treatment and disposal system to be approved by Auckland Council, Ngaiti Whatua o Kaipara, Health department and community consultation.
- Future proofed for emerging contaminants.

TREATMENT AND DISPOSAL METHOD



WHAKATAUKI

Manaaki whenua, Manaaki tangata, Haere whakamua.
Care for the people, Care for the land, Go forward.

THE SITE



SUMMARY

- Proposed 157 aged care/retirement beds and 102 hospital beds in Taupaki.
- Treatment with Membrane Bioreactor (MBR) and Reverse Osmosis (RO)
- Micro-filtration or ultra-filtration.
- Ultraviolet light (UV) and chlorine used for final treatment.
- Treated effluent for re-use.



**KUMEU
PROPERTY
GROUP**

CHESTER