

Whāingaroa / Raglan WWTP Discharge Consent Project

August 2025 – Community Meeting



Bittern back at the WWTP site and successful pest control ongoing



WWTP Opening 5th August



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- Plant operating well
- First compliance reporting is showing that CBOD5, nitrogen and TSS results all down (compared to previous pond system) and well below compliance limits of consent.

Water Quality and Public Health Effects Assessment

Surface water in the gully:

- High quality of the discharge
- Nutrient uptake provided by planting of native species in the gully margins

The overall predicted effect from the discharge on **surface water quality** in the gully system is **negligible**.

Groundwater in the gully:

- High quality of the discharge
- Compliance with Class A standards (contact reuse)
- Limited infiltration to groundwater
- Treatment provided by wetland restoration and natural filtration of the soil

The overall predicted effect from the discharge on **groundwater quality** in the gully system is **negligible**.

*This includes the possibility of new water also reaching coastal water.

Water Quality and Public Health Effects Assessment

Contingency discharge to the harbour outfall:

- Contingency will largely be MABR/MBR high quality treated new water
- Pond + UV treated discharge only required during extreme weather events (representing the worst-case contingency scenario during transitional period of gully outfall construction and commissioning).
- Baseline assessment predicted negligible effects of the pond + UV treated wastewater on water quality
- Reduced discharge volumes
- Enhanced dilution due to discharge optimization
- The concentrations of emerging organic contaminants (EOCs) in the treated wastewater being lower than what is recognised to pose risks to aquatic organisms

The overall predicted effect from the contingency discharge on Raglan Harbour water quality is **negligible**. The predicted effects on shellfish gathering and recreational activities are considered **negligible**.

Public Health Effects Assessment:

If the discharge of treated wastewater creates overland flow across the beach at the bottom of the gully, there will be **negligible risk** to public health (including from contact or shellfish gathering) due to the high quality of the treated wastewater (meeting Class A of the Australia Guideline for Water Recycling and Victoria unrestricted reuse standards).

Community drop in session

Raglan library space:

- Wednesday 3rd September 2pm-5pm
- Coms out on Raglan Facebook page
- Raglan chronical
- Raglan radio
- Project website page
- Spread the word