

Paraparaumu Wastewater Treatment Plant –

Community Liaison Group (CLG) Meeting

Minutes of Meeting

Held:

6 August 2025, 10-11:30AM, EOC Briefing Room, Fytfield Place, Paraparaumu.

Chair:

Tess Drewitt (Compliance Manager, Council) (TD)

Present:

Ramesh Pillai (Manager Water and Wastewater Services, Council) (RP)
Grant Stuart (WWTP Manager, Council) (GS)
Ben Thompson (Water conservation & trade waste officer, Council) (BT)
Reuben Mackey (WWTP Supervisor, Council) (RM)
Kim Mazur (Lab Manager, Council) (KM)
Anna Muspratt (Resource Advisor, GWRC) (AM)
Pip Parkin (Regional Public Health) (PP) – online

Apologies:

Sean Mallon (Group Manager – Infrastructure Services, Council)
Ami Coughlan (Wellington Fish & Game Council)
Robin Falconer (Friends of the Waikanae River)

Distribution: PWWTP CLG

Item	Action
1 Welcome/ Introductions <ul style="list-style-type: none">TD welcomed everyone to the meeting.TD noted that the Council had been unable to organise a CLG site visit this quarter due to weather and staff availability. However, a site visit will be offered before or after the next CLG quarterly meeting.	-
2 Agenda Overview <ul style="list-style-type: none">TD presented an overview of the meeting agenda.	-
3 Matters arising since previous meeting 3.1 WWTP resource consent publicly notified <ul style="list-style-type: none">RP gave an update on the status of the resource consent application. Iwi engagement continues. SLT to present to iwi on 2 September and re-enforce the invitation for a site visit.GWRC has placed the application on hold under s. 37 RMA indefinitely while the Council continues to engage with mana whenua.	-
3.2 Proposed National Wastewater Environmental Performance Standards <ul style="list-style-type: none">TD gave an update on the wastewater performance standards. The Council is hopeful that new standards will include discharges from low dilution environments. We will have more clarity in September/October once the standards are released. The Council can then review consenting options available for the WWTP.	-

4 Review of Quarterly Report – Q4, FY24

4.1 Q4 report summary

- TD presented a summary of Q4 report:
 - Council was fully compliant with all consent conditions in Q4, except for the technical non-compliance associated with the storage pond (used more than 4x). GW has agreed this is technical non-compliance, but no issues because pond now lined.
 - Council undertook boiler maintenance work with no odour issues.
- The group discussed the rainfall compared to influent/effluent. The WWTP automatically diverts rainwater to the storm storage basin when nearing discharge limit. Rainfall at the WWTP might be low, but it might be high in other areas in the network (e.g. Waikanae), which is why the storm storage pond might need to be used even when rainfall is not particularly high at the WWTP.
- RP said the Council has commissioned a wastewater network simulation verification model. The model will help guide I&I priorities and help focus on network infiltration – identify capacity areas and help mitigate overflow. Many old pipes across the district that might be letting stormwater in and need to be replaced, but Council may need an updated SW Bylaw [and global SW resource consent] to enforce the diversion of current discharge to WW from properties down pipe to SW network.

5 CAPEX Activities – Q4

5.1 Improvements plan – work underway

- RP gave an overview of improvements works completed and underway for next quarter. All works are listed in the Annual Report.
- RM noted that the gasket on the boiler has also been replaced, which will reduce outages. Boiler will be shut down for 2 more days in Q1 for electrical maintenance at the WWTP. A generator will be brought in to continue running the plant.
- RP discussed the proposed hydraulic debottlenecking and UV. The current UV system is at end of design life and needs to be replaced. The Council has asked for GWRC's position on whether 4- or 5- log reduction is required. RP's view is that 5-log reduction is too high (no other WWTPs are required to do this) and may not be possible given the already low levels of viruses. The technical advice is for a 4-log reduction. TD suggested GWRC could send this to Mott MacDonald to advise on.

Update: AM has since reiterated via email to RP that this matter will be resolved through the reconsenting process. RP has confirmed the Council will hold-off on the upgrade until then.

- RP said the Council is progressing with concept design for inlet works, which will include a new inlet structure next to the existing inlet.
- GS confirmed the works on Clarifier 3 will have no impact on effluent quality but works need to be undertaken during dry weather.
- RP noted that the southern section of the Waikanae Duplicate Wastewater Rising Main is now complete. Landownership discussions are underway regarding the northern section.

6 2024/25 in Review

- TD confirmed that the Council has been fully compliant with discharge limit and WQ parameters throughout the year. The handout includes a series of charts showing where the Council's discharge is tracking against the resource consent limits.
- KM made some comments on the monitoring results:

<ul style="list-style-type: none"> • TSS slightly elevated in the middle of the year, likely related to the amoeba outbreak. • pH samples are post U.V. There will be occasional spikes in pH and this is due to pH dosing. If a sample is taken directly after pH dosing, this will show a spike. The target is a pH of 7.3. • Nitrates were previously above 10 but now reduced significantly following upgrades to A-Recycling system and RAS-1 and RAS-2. ▪ Re Nitrates, RP said that the Council is aiming for 3.5g/m3 following an improvements programme over the next few years. The programme is implemented on stages depending on results. ▪ RP said that the hope is riparian planting will commence in May 2026 dependent on iwi availability to provide and plant. RP mentioned potential for planting vetiver grass along the waterway (Vetiver Grass Waihi, New Zealand), for discussion with mana whenua. ▪ BT provided an update on biosolids. The new standards will provide a way to verify the quality of biosolids and what you can then do with it. He's tracking progress with the standards to confirm the Council's options for biosolids. The Council will look at going through a verification process and identify possible land application areas in collaboration with iwi. Some aspects of the testing are likely to be expensive (e.g. PFAS, which isn't tested in NZ). 	
7 CLG Feedback on Quarterly Report <ul style="list-style-type: none"> ▪ No feedback. 	-
8 Other CLG feedback <ul style="list-style-type: none"> ▪ No other feedback raised. 	-
9 Other matters <ul style="list-style-type: none"> ▪ No other matters raised. 	-
10 Next Meeting <ul style="list-style-type: none"> ▪ November/December 2025, will include optional site visit. 	TD

Minutes by: Tess Drewitt, Kāpiti Coast District Council

**Paraparaumu Wastewater
Treatment Plant –
Community Liaison Group
(CLG) Meeting: Q4, FY25**

6 August 2025, 10:00AM – 11:30AM
EOC Briefing Room, Fyfield Place, Paraparaumu.



1

Welcome / Apologies



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Today's Agenda

1. Welcome / Apologies
2. Agenda Overview
3. Matters arising from previous meeting
4. Review of Quarterly Report – Q4, FY25
5. Work undertaken in Q4 and ongoing projects
6. 2024/25 in Review
7. CLG feedback on Quarterly Report
8. Other matters
9. Any other CLG/Community Feedback
10. Next meeting



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Matters arising from previous meeting



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Paraparaumu WWTP – consent publicly notified

- Council continues to engage with Iwi – Site visit invitation remains open.
- GWRC agreed to hold under s. 37 indefinitely.
- Council is preparing for a hearing late-2025.
- Council will review National Wastewater Standards once finalised.



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Wastewater Standards

- We understand there's a real prospect Paraparaumu WWTP discharge will be included within the standards.
- Need to wait and see final standards expected October.



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Quarterly Report – Q4, FY2025



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Resource consents assessed

WGN970255 [34837], [27633], [2656] – Paraparaumu WWTP – Discharges

To discharge treated wastewater from the plant to land (unlined storage area) and the Mazengarb Drain and to discharge contaminants to air from all facilities.

WGN030149 [22566] – Paraparaumu WWTP – Overflow basin

To discharge screened, diluted wastewater as overflow from the overflow basin at the WWTP to the Mazengarb Drain in an emergency.

WGN130218 [32196] – Paraparaumu WWTP – Sludge drying

To discharge to air from the boiler and biofilter associated with sludge handling.

WGN040098 [34794] – Paraparaumu WWTP – Sludge lagoons

To discharge contaminants to land from the decommissioned sludge lagoons.



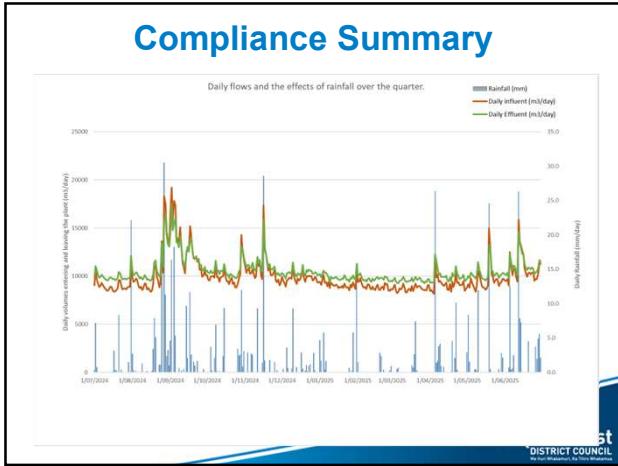
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Compliance summary

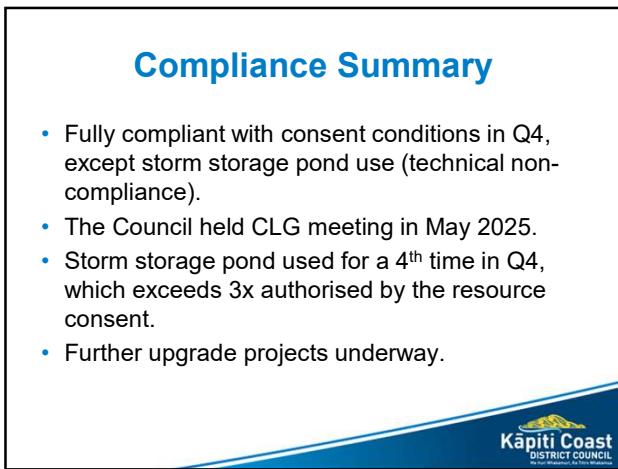
WGN970255[2656]	Quarter 4		
	April 2025	May 2025	June 2025
Purpose for Which Right is Granted	0	0	0
Condition 18 (a) (i)	5.40	4.13	2.38
Condition 18 (a) (ii)	0	0	0
Condition 18 (b) (i)	6.64	3.81	2.75
Condition 18 (b) (ii)	0	0	0
Condition 18 (b) (iii)	9	6	5
Condition 18 (b) (iv)	8	0	0
Condition 18 (b) (v)	7.3	7.4	6.4
Condition 18 (c)	0.07		
Condition 18 (c)	7.4		
Condition 18 (c)	Y	Y	Y
Condition 18 (c)	Y	Y	Y
Condition 18 (c)	Y	Y	Y
Condition 18 (d)	6.72		
WGN970255[2656]	Compliant?	Compliant?	Compliant?
Condition 7 (a)	0	0	0
WGN030149[22566]	Compliant?	Compliant?	Compliant?
Purpose for Which Right is Granted	0	0	0
Condition 2	0	0	0
WGN040098	Compliant?	Compliant?	Compliant?
Purpose for Which Right is Granted	Y	Y	Y
WGN130218[32196]	Compliant?	Compliant?	Compliant?
Purpose for Which Right is Granted	Y	Y	Y
Condition 5	0	0	0
Condition 13	Y	Y	Y
Condition 17 & 18	0	0	0

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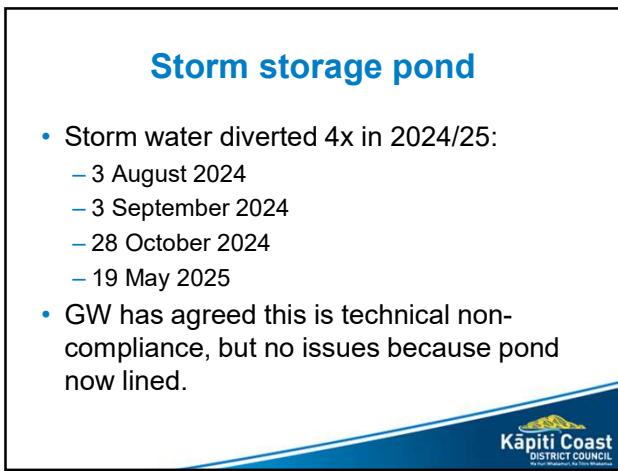
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Annual boiler maintenance

- Highlighted at previous meeting.
- Completed 4-9 May 2025.
- No odour issues observed.



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Capex Activities – Q4



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PWWTP Improvements Plan – projects underway

- Hydraulic debottlenecking and UV upgrade concept plan almost complete – capacity will increase from 290L/s -380 L/s, with a 4-log reduction target.
- Concept design for inlet works complete, procurement for preliminary design underway.
- Clarifier-3 procurement complete and received the new scraper arm. Replacement planned in summer 2025-26.
- Works on Southern Section for Waikanae Duplicate WW Rising Main – Complete.
- Sludge bed decommissioning procurement progressing – awaiting GWRC approval for Otaki stockpile.



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2024/25 in Review



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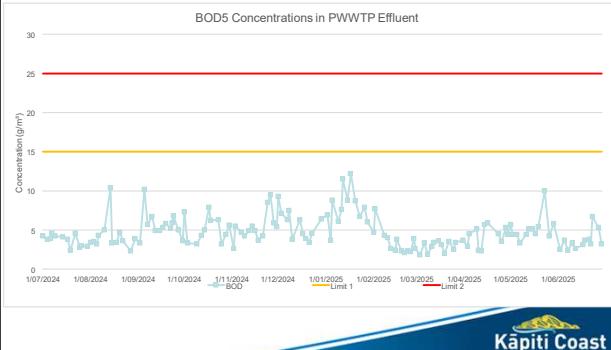
Overall compliance in 2024/25

- Fully compliance with discharge limit and WQ parameters.
- Four CLG meetings held (December 2024, February 2025, May 2025, August 2025).
- Storm storage pond use exceeded more than 3x Limit (non-issue because lined).



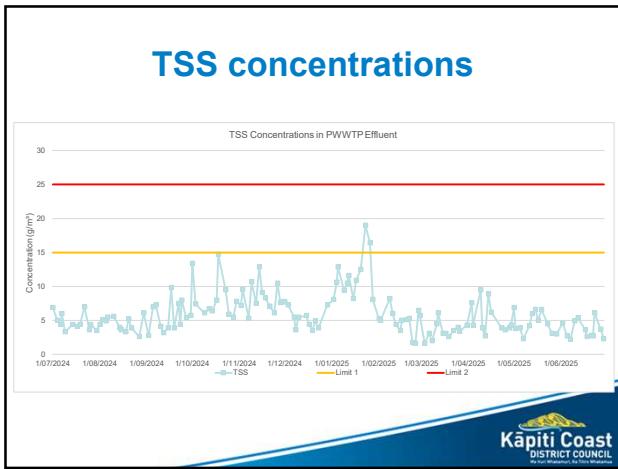
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BOD5 concentrations

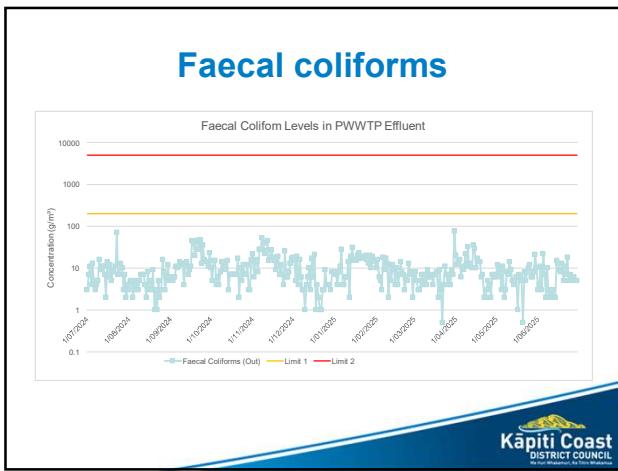


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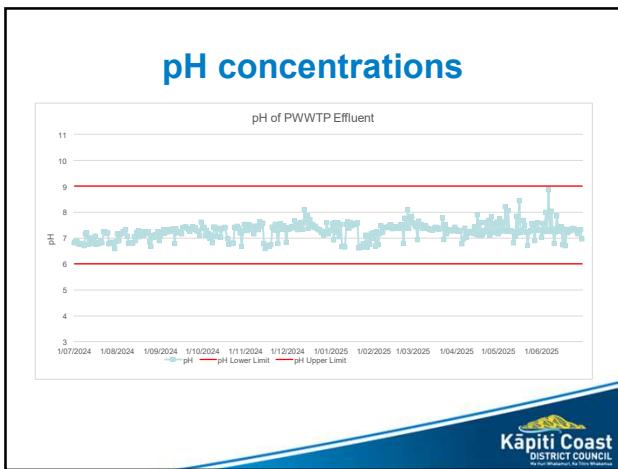
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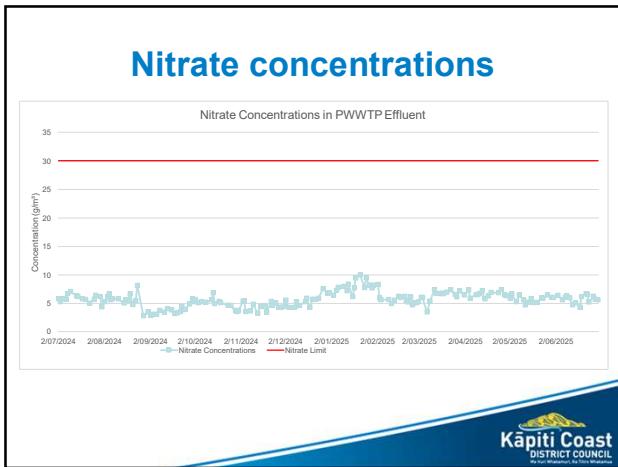
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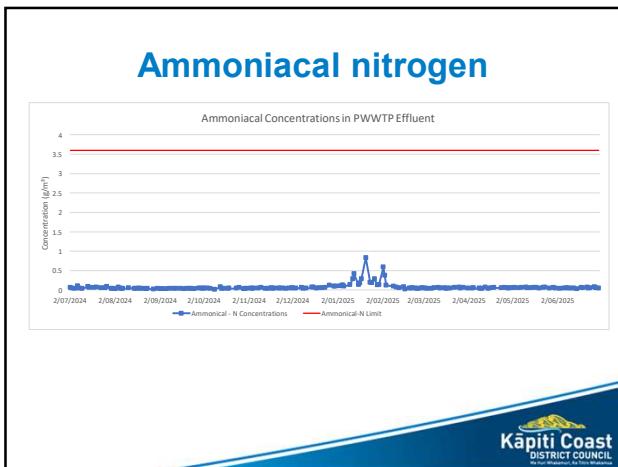
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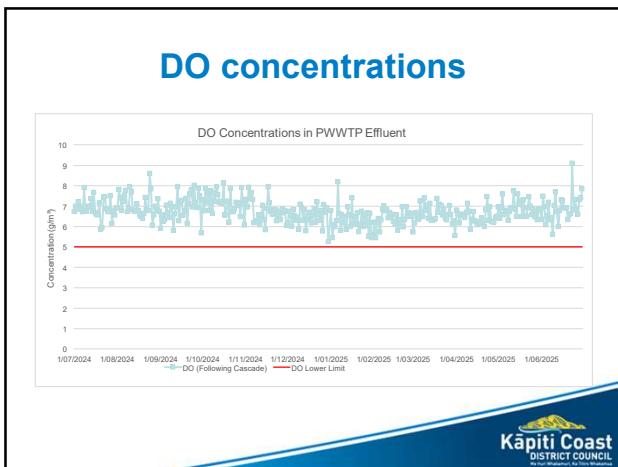
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Ongoing projects in 2024/25

- New water outlook reporting format.
- Capital works completed:
 - Upgrade of RAS-1.
 - New pH dosing pant.
 - A-Recycling system upgrade.
 - Southern section of wastewater rising main.
- Sludge ponds decommissioning underway.
- Consent renewal ongoing.
- Council submitted on WW standards.
- Mazengarb Planting (2026-27?)
- Biosolids



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CLG Feedback on Quarterly Report



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Other matters



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Other CLG Feedback



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Next Meeting

- November/December 2025 – Q1 reporting, FY26.
- Will include an optional site visit before the meeting.
- Topics to discuss at next meeting?



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