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WGN970255 [34837] – Paraparaumu WWTP – Discharge to storage basin

Discharge wastewater to land (being an unlined storage area) within the Paraparaumu WWTP site, with minor leakage to ground, for flows that exceed the plant capacity.

WGN970255 [34833] – Paraparaumu WWTP – Discharge to air

Discharge to air from all facilities at the Paraparaumu WWTP (within the Paraparaumu WWTP site).

WGN970255 [2565] – Paraparaumu WWTP – Discharge to Mazengarb Drain

Discharge of tertiary treated wastewater from the Paraparaumu WWTP to the Mazengarb Drain at a rate of up to 18,600 m³/day, seven days / week, 52 weeks / year (within the Paraparaumu WWTP site).

WGN030149 [22566] – Paraparaumu WWTP – Overflow basin

To discharge screened, dilute wastewater as overflow from the overflow basin at the Paraparaumu WWTP to the Mazengarb Drain.

WGN130218 [32196] – Paraparaumu WWTP – Sludge drying

To discharge to air from the operation and maintenance of a boiler and biofilter associated with the sludge handling process.

WGN040098 [34794] – Paraparaumu WWTP – Sludge lagoons

To discharge contaminants to land from a contaminated site, those discharges being emanations arising from residual sludge in the decommissioned Paraparaumu Wastewater Treatment Plant sludge lagoons.

Quarterly Report to end of June 2025 (Q4, FY2025) for Paraparaumu Wastewater Treatment Plant (PWWTP)

Dear Anna,

This report covers the compliance information required under the conditions of the above resource consents related to the PWWTP for the three months ended June 2025. This report includes the following information:

- An assessment of compliance against the resource consent conditions for Q4 (Appendix A).
- Quarterly monitoring results required by resource consents WGN970255 [34837], [27633] and [2656] (Appendix B).
- Annual monitoring results required by resource consent WGN130218 [32196], noting these results are submitted on a quarterly basis (Appendix B).

Overall compliance with resource consents in Q4 FY2025

The Council is fully compliant with all PWWTP resource consents as demonstrated in Tables 1 to 4 in Appendix A, except for resource consent WGN970255 [34837]. The remainder of this letter provides some commentary on the compliance report and the data provided in Appendix B.

Storm storage pond

The Council had to divert storm water to the storm storage pond once in Q4 on 19 May 2025. Total rainfall at the WWTP at the time was 45mm. Approximately 1,469 m³ was diverted to the pond during this time and subsequently returned to the WWTP for treatment.

The Council has diverted stormwater to the storm pond four times in 2024/25, including 26 August, 3 September and 28 October. Resource consent WGN970255 [34837] authorises the Council to divert stormwater to the storm storage pond up to 3 times a year. The Council is therefore technically non-compliant with consent WGN970255 [34837]. As discussed in previous quarterly reports, GWRC has confirmed that it will not take enforcement action for exceedances now that the storm storage pond is lined. The new resource consent will not have a limit on storm storage pond usage.

Annual boiler maintenance

Every year, the Council undertakes maintenance of the boiler. During this time, the Council turns the boiler off for several days. Sludge cannot be dried when the boiler is off, so it is sent directly to landfill. Boiler maintenance was undertaken from 4-9 May 2025, and the boiler was shut off during this time. As such, the temperature in the combustion chamber reduced to below 650 degrees Celsius for several days. This is not a non-compliance as it relates to necessary maintenance. Council staff did not observe any odour issues during this time and no complaints were received.

Community Liaison Group meeting

The Council held its quarterly CLG meeting on 7 May 2025 at the WWTP. The CLG requested a site visit to have a look at recent upgrades. Unfortunately, due to weather and staff availability, we were unable to accommodate a site visit this quarter. However, we plan to run a site visit in Q1 or Q2 of FY2026. The next CLG meeting has been scheduled for 6 August 2025.

Work undertaken in Q4 FY2025 and ongoing projects

The Council is undertaking ongoing work at the PWWTP, including the following:

- **RAS-1 upgrade:** The RAS-1 was completed in April 2025.
- **New pH dosing plant:** The new plant was commissioned in Oct 2024.
- **A-Recycling system upgrade:** The A-Recycling upgrade was completed in April 2025.
- **Hydraulic debottlenecking of clarifier-3 and UV upgrade:** Concept design almost complete, however GWRC advised the Council to wait on outcome of the resource consent application process to confirm the UV spec for log reduction.
- **Inlet-works:** Concept design complete. Procurement of services for the preliminary and detail design underway.

- **Waikanae Duplicate Wastewater Rising Main (WDWRM):** The Council completed work on the Southern Section of the WDWRM in Q4. Consultation with the property owner is progressing for laying the northern section. Tie-in of the rising main at upstream pumpstation and downstream inlet work planned on completion of the northern section.
- **New scrapper arm for Clarifier-3:** Procured and work planned for Q2 of 2025-26.
- **Sludge-bed decommissioning:** We continue to identify appropriate fill for the retired sludge lagoons before they can be fully decommissioned. KCDC is in comms with GWRC to shift the stockpiled fill material from project site at Otaki.

Proposed National Wastewater Environmental Performance Standards

We met with Taumata Arowai to discuss our submission on the proposed National Wastewater Environmental Performance Standards (pNWEPS), which will set national standards for discharges from public WWTP's. We now understand that there's a real prospect that wastewater discharges to very low dilution environments, including the Paraparaumu WWTP discharges, will be included within the standards. We are awaiting the final standards before evaluating our resource consent options.

In the meantime, we are continuing our engagement with Te Atiawa ki Whakarongotai Charitable Trust and other submitters to determine if any issues can be resolved prior to a hearing. The resource consent application remains on hold under s.37 of the Resource Management Act 1991 (RMA). We anticipate final standards to come into effect by October 2025.

Please contact me should you need further information.

Yours faithfully,



Tess Drewitt
Consultant Compliance Officer to
Kapiti Coast District Council

Date: 23 July 2025

























Ramesh Pillai
Manager Water and Wastewater Services
Kapiti Coast District Council

Date: 23 July 2025

Cc:
Grant Stuart - Wastewater Treatment Plants Manager
Community Liaison Group members

APPENDIX A - ASSESSMENT AGAINST RESOURCE CONSENT CONDITIONS

Table 1: WGN970255 [34837], [27633], [2656] – Paraparaumu WWTP – Discharges

Requirement	Condition	Compliance
All Consents		
General Conditions	1-6, 8, 15, 21	
Discharge of unauthorised contaminants	7	
Community Liaison Group	9	
Air discharge [27633]		
Noxious, dangerous, offensive, or objectionable discharges	11	
Incident notification	12	
Operational logs	13	
Complaints record	14	
Discharges from sludge vitrification process ¹	16	
Discharge to Mazengarb Drain [2656]		
Records of daily flow	12	
Monitoring of effluent quality	13, 19	
Biochemical Oxygen Demand (BOD)	18(a)(i)	
Suspended Solids	18(a)(ii)	
Faecal Coliform Bacteria	18(b)(i)	
pH	18(b)(ii)	
Ammonia, Nitrate, Dissolved Reactive Phosphorous (DRP)	18(c)	
Heavy metals	18(d)	
Dissolved Oxygen	18(e)	
Effects on Ratanui Lakes	16	
Three-monthly reporting to GWRC	17	
Signage	20	
Discharge to unlined storage pond [34837]		
Limit to 3 times per year. ²	2	
Return effluent to PWWTP as soon as reasonably practicable	11	

¹ Note that the sludge vitrification process was decommissioned in 2010.

² This is a requirement in the consent details (page 1) as opposed to the conditions of consent.

Table 2: WGN030149 [22566] – Paraparaumu WWTP – Overflow Basin





Requirement	Condition	Compliance
General Conditions	1, 5	
Notify GWRC when consent exercised	2	
Contingency actions	3	
Overflow Contingency Plan	4	

Table 3: WGN130218 [32196] – Paraparaumu WWTP – Sludge Drying
















Requirement	Condition	Compliance
General Conditions	1-3, 19, 20	
Wood as fuel	4	
Boiler temperature (above 650C)	5	
Treatment processes	6-8, 10	
Discharge of dangerous, noxious, offensive or objectionable contaminants	9	
Particulates (not exceeding 50mg/m ³)	11	
Emission Testing ³	12	
Monitoring	13	
Annual Reporting (by 1 August)	13	
Maintenance	14-16	
Complaints register ⁴	17	
Incident register & GWRC notification (within 24 hrs / 7 working days)	18	

Table 4: WGN040098 [34794] – Discharge from sludge lagoons

Requirement	Condition	Compliance
General conditions	1, 2, 4	
Groundwater monitoring	3	
Groundwater quality report	5	
Update of Sludge Decommissioning Management Plan	6	Underway

³ Not currently required by GWRC.⁴ No complaints received during Q4.

APPENDIX B – PWWTP QUARTERLY MONITORING RESULTS – Q4-FY2025