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WGN970255 [27633] – Paraparaumu WWTP – Discharge to air

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

WGN970255 [2656] – 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 March 2026 (Q3, FY2026) for Paraparaumu Wastewater Treatment Plant (PWWTP)

Kia ora 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 March 2026. This report includes the following information:

- An assessment of compliance against the resource consent conditions for Q3 (Appendix A).

- Quarterly monitoring results required by resource consents WGN970255 [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 Q3 FY2026

The Council is fully compliant with all PWWTP resource consents as demonstrated in Tables 1 to 4 in **Appendix A**. Aspects of this report and the Council's activities in Q3 are discussed below.

Faecal Coliforms

Between mid-Feb and late-March, we saw notable increase in faecal coliforms in the post UV grab samples, marked by two main events where monitoring data showed spikes in faecal coliforms. While all results remain compliant with the consent limits in Condition 18(b)(i), including the geometric mean of 200 cfu/100mL and maximum limit of 5,000 cfu/100mL, we have noted the spikes and proactively investigated the likely cause as follows:

- The first spike was on and around 16-17 February 2026. During this time, the plant experienced a UV bank power outage caused by a storm. Trees down on Ratanui Road took out the electricity lines, which took some time for a specialist to repair. This outage also most likely explains the subsequent spike on 20 February 2026. The UV banks have since resumed normal operation.
- The next spike was recorded on 12 March 2026. The pre- UV lab results on this day recorded significantly higher faecal coliforms than usual, suggesting an unauthorised trade waste discharge event. We sent a sample of treated effluent to Hills Lab to analyse the oil, fat and grease concentration in the sample. The sample returned a concentration of approximately 23,000 mg/L oil, fat and grease. This result is significantly higher than we would anticipate for normal domestic (non-commercial) wastewater, which typically contains oil and grease in concentrations around 15-100 mg/L, with average domestic influent commonly between 25-60 mg/L. This result therefore strongly indicates that a grease trap or interceptor discharge entered the wastewater system.
- Council had to refurbish Clarifier-2 scraper arm, which required Clarifier-2 to be taken offline for most of March 2026. During this time, only Clarifiers- 1 and 3 were operational, which would have reduced the ability for the WWTP to process the excess oil and fat from the unauthorised discharge. Clarifier-2 is now back online and operational.

This week, Council sent out communications to all trade waste permit holders to remind them of permit conditions and impacts on the wastewater network where unauthorised discharges enter the system. We included in the "Everything Kapiti" newsletter on 14 April 2026 reference to the event, requesting the public to notify us of any illegal dumping. We will actively investigate the source of the discharge, including through discussing with customers directly and potentially undertaking more testing in pump stations should the issue continue. Faecal coliforms appear to have returned within the normal range by the end of March and into April 2026, so effects of the dumping appear to be short-lived.

Biochemical Oxygen Demand

The compliance report shows one composite sample in March 2026 exceeded the geometric mean for Biochemical Oxygen Demand 5-day (BOD₅) of 15mg (Condition 18(a)(i) of WGN970255 [2656]).

However, the geometric mean, which is based on at least 12 consecutive composite samples, remained within the consent limit for the month (5.77mg). The exceedance is therefore allowed by the consent and does not represent any consent non-compliance or increasing issues with BOD₅.

Community Liaison Group meeting

The Council held its quarterly CLG meeting on 18 March 2026 at the WWTP. The final minutes were issued on 7 April 2026. Key items discussed include CLG membership and the findings from the Q2 report. The next quarterly meeting will be scheduled for June 2026.

Work undertaken in Q3 FY2025-26 and ongoing projects

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

- **Hydraulic debottlenecking of clarifier-3 and UV upgrade:** This project is currently on hold awaiting the final decision on the resource consent application. Should Council progress with major plant upgrades to meet WEPS standards, these works may no longer be required.
- **Inlet-works:** Stantec (NZ) Limited is leading the inlet upgrade works. The design works commenced in mid-April and is expected to be completed in next 9-months. Following this, construction is anticipated to take 5-6 months.
- **Clarifier-2 refurbishment:** Clarifier-2 was refurbished in March 2026, including a new scraper arm. Clarifier 2 was isolated during this time.
- **DB-2 & PLC upgrade:** Procurement is completed and the works are in progress.
- **New scraper arm for Clarifier-3:** We are installing a new scraper arm in Clarifier-3. The scraper arm has arrived however the works have been delayed due to the urgent work requirements on Clarifier-2 in March. Weather permitted, the job will be completed in Q4. Clarifier-3 will also need to be isolated during the works period, which could have a minor impact on plant performance during wet weather.
- **Sludge-bed decommissioning:** We continue to identify appropriate fill for the retired sludge lagoons before they can be fully decommissioned and are in correspondence with prospective contractors. Area 3 is now completely full, and we are focussing on topsoil and grassing to cap. Area 2 is around 25% full.

Updates on other projects are as follows:

- **Waikanae Duplicate Wastewater Rising Main (WDWRM):** Council has granted resource consent for the Northern Section. We are now working through the resource consent requirements for the already completed works in the Middle Section. The application has been notified to Te Atiawa ki Whakarongotai given the pipe runs through a wahi tapu site. The submission period closes 27 April 2026, so we will be able to advise on next steps after this date.
- **Grading the quality of the biosolids:** Council will soon undertake a testing programme to confirm the quality of the biosolids. Obtaining a good grade provides opportunities to apply the solids on to land. This would be a better environmental outcome and provide significant savings for the ratepayer. Verifying the quality is the first step. The second will be to undertake conversations with the three iwi groups and wider community.

Update on Reconsenting the PWWTP discharges

We are continuing to work through our options for reconsenting discharges from the WWTP considering the recent regulatory changes, including the reinstatement of the previously expired consents and the new National Wastewater Environmental Performance Standards (WEPS).

Key considerations include:

- Upgrade requirements to comply with the WEPS, specifically the total nitrogen (TN) and TSS limits for very low dilution discharges.
- Potential for further extensions of the existing December 2027 expiry date to 2031 following enactment of the Planning Bill later this year.

We are currently working towards November/December 2026 to decide on the reconsenting strategy. This deadline provides time for further trials and analysis of nitrate reductions that can be achieved using current infrastructure (currently being led by Stantec) and confirming additional upgrade requirements. It also ensures that the Council can benefit from the WEPS and/or new planning legislation, once enacted, should this be the appropriate consenting pathway.

Currently, any replacement application needs to be submitted by 30 June 2027 to ensure s. 124 rights under the Resource Management Act 1991 (RMA) to continue operating under the existing consents.

Please contact me should you need further information.

Yours faithfully,



Tess Drewitt
Consultant Compliance Officer to
Kapiti Coast District Council

Date: 17 April 2026



Ramesh Pillai
Manager Water and Wastewater Services
Kapiti Coast District Council

Date: 17 April 2026

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	

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

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 ²	12	
Monitoring	13	
Annual Reporting (by 1 August)	13	
Maintenance	14-16	
Complaints register ³	17	
Incident register & GWRC notification (within 24 hrs / 7 working days)	18	

² Not currently required by GWRC.

³ No complaints received during Q2.

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

APPENDIX B – PWWTP QUARTERLY MONITORING RESULTS – Q3-FY2026

Summary Compliance Report for Quarter				Quarter 3		
WGN970255[2656]	Parameter	Limit	Metric	January 2026	February 2026	March 2026
Purpose for Which Right is Granted	Discharge Flows	Discharge flows may not exceed 18,600 m ³ /day into Mazengarb Stream.	No. days discharge flows exceeded limit.	0	0	0
Condition 18 (a) (i)	BOD5	The Geometric Mean for BOD from 12 monthly samples must be under 15g/m ³	Geometric mean	5.45	6.66	5.77
		Only one BOD sample/month may exceed 25g/m ³	No. days sample exceeded limit.	0	0	0
Condition 18 (a) (ii)	Suspended Solids	The Geometric Mean for Suspended Solids from 12 monthly samples must be under 15g/m ³	Geometric mean	8.90	7.37	6.29
		Only one Suspended Solids sample/month may exceed 25g/m ³	No. days sample exceeded limit.	0	0	0
Condition 18 (b) (i)	Faecal Coliform Bacteria	The Geometric Mean for Faecal Coliform from 12 monthly samples must be under 200 MPN	Geometric mean	2	6	8
		Only one sample/month may exceed 5000MPN/100ml	No. days sample exceeded limit.	0	0	0
Condition 18 (b) (ii)	pH	Based on 12 samples/month, the pH must stay within 6-9 (shows the geo mean)	Geometric mean	7.1	7.2	6.4
Condition 18 (c)	Ammonia	Based on 36 consecutive samples, no more than 3 of 36 Ammonia samples exceed 3.6 g/m ³ .	Geometric mean	0.09		
Condition 18 (c)	Nitrates	Based on 36 consecutive samples, no Nitrate sample may exceed 30 g/m ³ .	Geometric mean	9.41		
Condition 18 (c)	Dissolved Phosphorus	No limit - requirement only to analyse samples.	Confirms samples analysed	Y	Y	Y
Condition 18 (c)	Total Phosphorus	No limit - requirement only to analyse samples.	Confirms samples analysed	Y	Y	Y
Condition 18 (e)	Dissolved Metals	No limit - requirement only to analyse samples.	Confirms samples analysed	Y	Y	Y
Condition 18 (d)	Dissolved Oxygen	Based on 36 consecutive samples, no more than 3 Dissolved Oxygen samples may be below 5 ppm.	Geometric mean	6.43		

WGN030149 [22566]	Parameter	Limit		Compliant?	Compliant?	Compliant?
Purpose for Which Right is Granted	Discharge screened, diluted wastewater as overflow from the stormbasin	No limit - In general accordance with consent documents.	No. times used	0	0	0
Condition 2	Notify GWRC	Required to notify GWRC when used.	No. times notified	0	0	0

WGN040098	Parameter	Limit		Compliant?	Compliant?	Compliant?
Purpose for Which Right is Granted	Discharge contaminants to land from decommissioned sludge lagoons	No limit - In general accordance with consent documents.	Confirms compliance.	Y	Y	Y

WGN130218 [32196]	Parameter	Limit		Compliant?	Compliant?	Compliant?
Purpose for Which Right is Granted	Discharge contaminants to air from Wastewater Treatment Plant Operation and Maintenance	No limit - In general accordance with consent documents.	Confirms compliance.	Y	Y	Y
Condition 5	Boiler Temperature	Must be maintained above 650 degrees (when recorded temperature is increased by 20% taking into account probe location, excludes maintenance & repair)	No. times temperature dropped below 650 degrees	0	0	0
Condition 13	Monitor and record plant parameters	Requirement to continuously monitor and record plant parameters and report to GWRC annually.	Confirms compliance.	Y	Y	Y
Condition 17 & 18	Complaints and incidents.	Requirement to record/report complaints and incidents.	No. complaints/incidents.	0	0	0

Paraparaumu WWTP - 24h Composite Sampling of Effluent

	Parameter	Alkalinity	BOD	COD	Total N	TSS
	Units	g/m³	g/m³	g/m³	g/m³	g/m³
	Limit 1 (Geometric Mean)	15				15
	Limit 2 (must not exceed for >1/12)	25				25
	Year-To-Date Summary					
Number of Samples	36	36	36	36	36	36
Geometric Mean						
YTD	62.38	5.90	29	8.71	7.48	
Jan-26	78.51	5.45	33.69	10.10	8.90	
Feb-26	41.47	6.66	24.14	8.31	7.37	
Mar-26	70.71	5.77	28.85	7.74	6.29	
Apr-26						
Maximum	83.9	16.1	50	12.2	12.5	
No. Samples > limit 1	0	1	0	0	0	
No. Samples > limit 2		0				0

Sample Date	Sample Location	Alkalinity	BOD	COD	Total N	TSS
		g/m³	g/m³	g/m³	g/m³	g/m³
3/01/2026	24h Comp	55.1	4.3	34	8.9	8.3
6/01/2026	24h Comp	55.2	8.1	26	8.6	8.3
8/01/2026	24h Comp	55.1	4.6	32	11	10.4
11/01/2026	24h Comp	52.8	7.3	27	8.3	8.1
13/01/2026	24h Comp	55.2	3.5	24	8.3	5.6
15/01/2026	24h Comp	57	5	29	8.3	8.7
16/01/2026	24h Comp	55	3.2	25	6.5	5.2
20/01/2026	24h Comp	56.3	4.2	16	8.8	6.8
22/01/2026	24h Comp	59.9	3.8	27	7.4	5.4
23/01/2026	24h Comp	61.1	5.7	25	9.4	7.8
27/01/2026	24h Comp	60.8	5.2	27	8.7	10
29/01/2026	24h Comp	66.5	4.5	20	8.4	7
31/01/2026	24h Comp	57.9	4.5	29	8.3	8.5
2/02/2026	24h Comp	58.3	5.9	32	9.8	8.8
7/02/2026	24h Comp	53.3	13.4	23	11.1	8
8/02/2026	24h Comp	54.6	6.2	39	10.3	6.2
10/02/2026	24h Comp	53.8	5.5	33	8.5	9.8
12/02/2026	24h Comp	69.5	8.6	32	12.2	11.8
14/02/2026	24h Comp	63.8	9.3	40	10.9	12.1
16/02/2026	24h Comp	56.2	8.6	25	11.8	12.5
18/02/2026	24h Comp	72.3	4.9	36	9.3	8
22/02/2026	24h Comp	63.4	8.8	36	10.6	7.6
25/02/2026	24h Comp	59.5	10	49	9.4	6.9
27/02/2026	24h Comp	58.6	8.5	27	9.2	9.6
3/03/2026	24h Comp	64.2	10.5	45	9.8	7.7
5/03/2026	24h Comp	67.5	3.4	26	7.9	8.3
7/03/2026	24h Comp	83.9	16.1	50	7.6	9.9
8/03/2026	24h Comp	69.5	7.6	29	9	7.2
10/03/2026	24h Comp	70.8	5.2	34	8.2	7
14/03/2026	24h Comp	64.9	5.7	22	8.2	5.1
16/03/2026	24h Comp	62.5	4.5	31	7.6	6.3
18/03/2026	24h Comp	75.5	3.6	25	7.7	2.7
19/03/2026	24h Comp	74.2	4.8	23	7.5	3.3
24/03/2026	24h Comp	75.6	4.6	32	6.7	8
27/03/2026	24h Comp	69.8	5.5	20	5.7	6.3
29/03/2026	24h Comp	72.8	5.3	23	7.7	8.3

Year-to-Date Trends						

Paraparaumu WWTP - Post UV Grab Sampling

Parameter	Faecal Coliforms (Out)	Temperature at Time of Sampling	DO (Following Cascade)	pH	Flow Rate	UV Dose Rate
Units	cfu/100 mL	°C	g/m³	0	L/s	mJ/cm²
Limit 1 (Geometric Mean)	200		5	6		
Limit 2 (must not exceed for >1/12)	5000			9		
Year-To-Date Summary						
Number of Samples	90	90	90	90	90	90
Geometric Mean	5	22.5	6.43	7.21	149.95	73.78
Jan-26	2	22.7	6.3	7.1	154.4	80.2
Feb-26	6	22.9	6.2	7.2	153.1	78.2
Mar-26	8	17.9	5.9	6.4	102.8	48.4
Maximum (Min for DO)	480	24.1	5.19	7.85	218	119.6
No. Samples > limit 1	4	0	0	0	0	0
No. Samples > limit 2	0					

Sample Date	Sample Location	Faecal Coliforms (Out)	Temperature at Time of Sampling	DO (Following Cascade)	pH	Flow Rate	UV Dose Rate
		cfu/100 mL	°C	g/m³	0	L/s	mJ/cm²
1/01/2026	Post UV Grab	1	22.2	7.49	7.12	156	90.6
2/01/2026	Post UV Grab	2	22.9	7.36	7.07	174	72.5
3/01/2026	Post UV Grab	3	22.2	6.56	7.08	133	59.5
4/01/2026	Post UV Grab	6	22.3	6.27	7.05	135	59.8
5/01/2026	Post UV Grab	3	23	6.79	7.16	165.5	78
6/01/2026	Post UV Grab	8	22.8	6.15	7.06	145	99.5
7/01/2026	Post UV Grab	4	22.6	6.14	7.01	144	102.4
8/01/2026	Post UV Grab	8	23	5.94	7.02	136	59.3
9/01/2026	Post UV Grab	2	23.4	6.37	7.05	155	91.3
10/01/2026	Post UV Grab	1	22.9	6.21	7	122	66.2
11/01/2026	Post UV Grab	2	22.4	6.33	6.96	107	62.1
12/01/2026	Post UV Grab	1	23.4	6.56	6.98	156	86.9
13/01/2026	Post UV Grab	3	23.4	6.27	7.02	151	97.6
14/01/2026	Post UV Grab	4	22.9	6.95	6.44	150	91.5
15/01/2026	Post UV Grab	22	22.8	6.23	7.06	218	58.4
16/01/2026	Post UV Grab	2	22.1	6.43	7.36	166	100.5
17/01/2026	Post UV Grab	2	21.9	7.67	7.35	175	80
18/01/2026	Post UV Grab	5	22	6.58	7.14	165	78.4
19/01/2026	Post UV Grab	1	21.7	6.92	7.33	177	70.9
20/01/2026	Post UV Grab	2	22.1	6.01	7.16	160	84
21/01/2026	Post UV Grab	2	22.6	5.83	7.29	173	76.6
22/01/2026	Post UV Grab	2	22.8	6.65	7.32	164	81.6
23/01/2026	Post UV Grab	3	22.9	5.92	7.29	157	92.9
24/01/2026	Post UV Grab	1	22.4	6.14	7.25	154	87.5
25/01/2026	Post UV Grab	6	22.8	6.3	7.43	170	83.6
26/01/2026	Post UV Grab	1	23	6.84	7.43	158	85.3
27/01/2026	Post UV Grab	1	22.9	6.43	7.28	149	87.8
28/01/2026	Post UV Grab	3	23.1	6.16	7.24	164	79
29/01/2026	Post UV Grab	1	22.7	7.2	7.07	161	78.7
30/01/2026	Post UV Grab	2	23.2	5.84	6.78	145	89.2
31/01/2026	Post UV Grab	3	22.2	6.01	7.17	177	70
1/02/2026	Post UV Grab	2	22.9	6.26	7.03	144	98.5
2/02/2026	Post UV Grab	1	22.8	5.19	7.13	148	83.4
3/02/2026	Post UV Grab	4	23	5.64	7.04	168	71
4/02/2026	Post UV Grab	2	23	6.07	7.03	163	82.7
5/02/2026	Post UV Grab	5	22.9	5.91	7.05	167	76.7
6/02/2026	Post UV Grab	1	22.6	6.44	7.07	140	85.6
7/02/2026	Post UV Grab	2	23	6.6	7.08	122	91.3
8/02/2026	Post UV Grab	2	23.3	6.74	6.94	172	63.2
9/02/2026	Post UV Grab	9	23.8	6.19	6.8	162	71.3
10/02/2026	Post UV Grab	7	23.8	6.4	6.84	155	74.7
11/02/2026	Post UV Grab	4	23.7	6.59	7.46	155	73.6
12/02/2026	Post UV Grab	3	24.1	6.23	7.43	162	73.5
13/02/2026	Post UV Grab	6	23.9	5.92	7.56	156	74.4
14/02/2026	Post UV Grab	7	23.9	6.11	7.33	144	94.3
15/02/2026	Post UV Grab	98	23	6.41	7.17	135	52.5
16/02/2026	Post UV Grab	480	21.3	6.02	7.58	183	83.5
17/02/2026	Post UV Grab	270	22.1	5.82	7.41	172	81.9
18/02/2026	Post UV Grab	6	22.7	6.48	7.4	162	77.1
19/02/2026	Post UV Grab	7	22.7	5.65	6.73	154	78.1
20/02/2026	Post UV Grab	299	22.7	5.74	7.12	164	38.4
21/02/2026	Post UV Grab	6	22.9	7.39	7.11	176	78.6
22/02/2026	Post UV Grab	0.5	22.2	6.08	7.03	125	60.8
23/02/2026	Post UV Grab	0.5	22.7	5.62	7.2	152	98
24/02/2026	Post UV Grab	1	22.7	5.96	7.06	138	110.6
25/02/2026	Post UV Grab	2	22.8	5.78	7.21	151	102.8
26/02/2026	Post UV Grab	3	22.8	5.8	6.73	138	119.6
27/02/2026	Post UV Grab	1	22.5	7.15	7.05	141	117.9
28/02/2026	Post UV Grab	1	22.3	6.53	7.43	156	106.8
1/03/2026	Post UV Grab	22	22.3	6.33	7.43	144	59
2/03/2026	Post UV Grab	44	21.6	6.32	7.85	151	58.9
3/03/2026	Post UV Grab	34	21.4	6.11	7.54	154	58.9
4/03/2026	Post UV Grab	35	21.3	6.68	7.32	150	57
5/03/2026	Post UV Grab	24	21.4	6.56	7.49	146	61.1
6/03/2026	Post UV Grab	8	21.6	6.66	7.52	145	60.1
7/03/2026	Post UV Grab	6	21.7	6.41	7.33	120	64.5
8/03/2026	Post UV Grab	6	21.9	6.37	7.23	120	61
9/03/2026	Post UV Grab	3	19.3	7.35	7.42	174	104.6
10/03/2026	Post UV Grab	11	21.4	7.09	7.53	147	59.4
11/03/2026	Post UV Grab	6	21.7	7.05	7.28	145	60.1
12/03/2026	Post UV Grab	224	20.6	7.07	6.74	150	59.4
13/03/2026	Post UV Grab	48	22.1	6.88	7.27	146	60.1
14/03/2026	Post UV Grab	20	22.5	7.1	7.16	147	59.8
15/03/2026	Post UV Grab	15	22.7	6.93	7.3	156	59.2
16/03/2026	Post UV Grab	21	22.3	6.2	7.15	148	61.4
17/03/2026	Post UV Grab	12	22.3	6.29	7.13	161	57.6
18/03/2026	Post UV Grab	9	22.2	6.59	7.18	141	60.7
19/03/2026	Post UV Grab	10	23.1	6.99	7.27	147	57.7
20/03/2026	Post UV Grab	8	22.3	6.43	7.36	143	61.7
21/03/2026	Post UV Grab	3	21.9	6.57	7.32	136	63.5
22/03/2026	Post UV Grab	2	21.9	6.56	7.31	126	70.6
23/03/2026	Post UV Grab	6	22.2	6.18	7.36	153	60.9
24/03/2026	Post UV Grab	5	21.9	7.81	7.57	139	62.2
25/03/2026	Post UV Grab	6	22.3	6.66	7.5	144	56.8
26/03/2026	Post UV Grab	10	22	6.92	7.49	136	66.4
27/03/2026	Post UV Grab	3	22	6.34	7.57	139	63.4
28/03/2026	Post UV Grab	4	22.1	6.48	7.47	124	70.9
29/03/2026	Post UV Grab	1	22.3	6.79	7.27	92	94.2
30/03/2026	Post UV Grab	2	22.3	6.28	7.52	144	60.1
31/03/2026	Post UV Grab	6	22.2	6.86	7.11	155	61.4

Year-to-Date Trends							

Paraparaumu WWTP - Flow Channel Grab Sampling

	Parameter	Temperature at Time of Sampling	TSS	Total Ammonia-N	Nitrate-N	Nitrite-N	DRP	Total P
	Units	°C	g/m³	g/m³	g/m³	g/m³	g/m³	g/m³
Limit 1 (Geometric Mean)			3.6		30			
	Limit 2 (must not exceed for >1/12)							
Year-To-Date Summary								
Number of Samples	45	45	45	45	45	45	45	36
Geometric Mean	21.50	5.95	0.05	5.96	0.02	0.06	0.06	0.36
Jan-26	33.27	7.57	0.03	8.12	0.03	0.10	0.10	0.49
Feb-26	17.70	7.24	0.08	6.09	0.04	0.07	0.07	0.55
Mar-26	16.88	3.84	0.04	4.29	0.01	0.03	0.03	0.33
Apr-26								
Maximum	23.3	15	0.09	9.41	0.113	1.21	1.21	1.42
No. Samples > limit 1	0	0	0	0	0	0	0	0
No. Samples > limit 2								

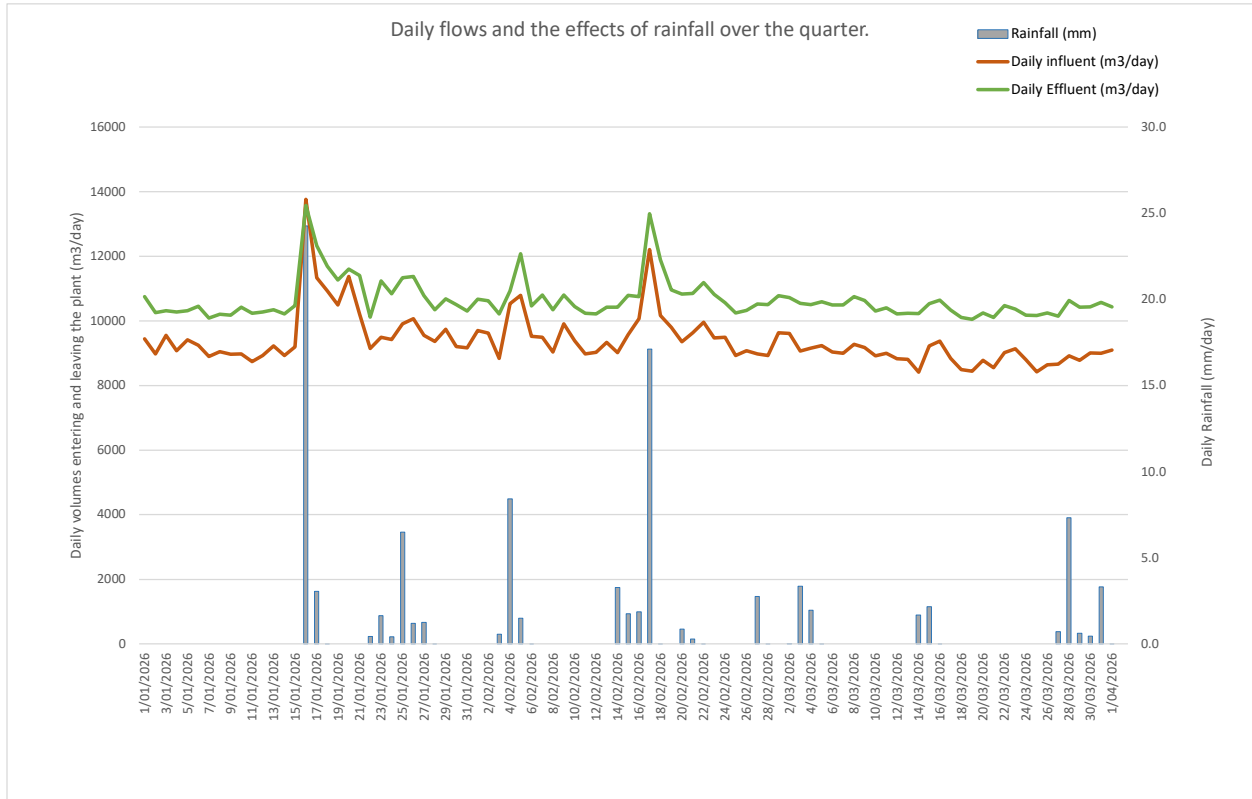
Sample Date	Sample Location	Temperature at Time of Sampling	TSS	Total Ammonia-N	Nitrate-N	Nitrite-N	DRP	Total P
		°C	g/m³	g/m³	g/m³	g/m³	g/m³	g/m³
4/01/2026	Flow Channel Grab	21.8	5.3	0.079	7.6	0.035	0.105	0.342
7/01/2026	Flow Channel Grab	21.4	6.2	0.057	7.44	0.062	0.496	0.71
9/01/2026	Flow Channel Grab	22.1	5.9	0.058	6.89	0.066	0.581	0.876
11/01/2026	Flow Channel Grab	21.4	6.2	0.064	6.51	0.05	0.792	
12/01/2026	Flow Channel Grab	22.1	4	0.057	7.7	0.05	1.21	1.42
14/01/2026	Flow Channel Grab	23.1	5.8	0.053	6.13	0.057	0.652	0.931
16/01/2026	Flow Channel Grab	22.9	5	0.027	3.67	0.0075	0.15	0.315
17/01/2026	Flow Channel Grab	21.6	6	0.037	5.04	0.025	0.135	0.358
20/01/2026	Flow Channel Grab	23.1	7.5	0.036	6.17	0.023	0.211	
21/01/2026	Flow Channel Grab	21.5	4.4	0.051	6.71	0.04	0.185	0.387
23/01/2026	Flow Channel Grab	22.9	5.4	0.073	5.75	0.047	0.025	0.223
24/01/2026	Flow Channel Grab	20.3	5.8	0.047	6.05	0.046	0.025	0.235
27/01/2026	Flow Channel Grab	20.5	5.1	0.046	6.75	0.042	0.025	
28/01/2026	Flow Channel Grab	22.7	4.9	0.038	6.82	0.042	0.025	0.248
30/01/2026	Flow Channel Grab	22.1	11.3	0.043	7.08	0.05	0.025	0.399
1/02/2026	Flow Channel Grab	22.7	8.8	0.054	6.19	0.087	0.106	0.344
2/02/2026	Flow Channel Grab	22.6	7.2	0.054	6.8	0.073	0.064	
3/02/2026	Flow Channel Grab	22.9	6.6	0.088	7.84	0.054	0.153	0.424
8/02/2026	Flow Channel Grab	21.7	8.1	0.077	7.06	0.063	0.056	0.416
9/02/2026	Flow Channel Grab	21.6	8.5	0.093	7.19	0.075	0.21	0.599
11/02/2026	Flow Channel Grab	21.4	10.4	0.084	6.39	0.085	0.053	0.44
13/02/2026	Flow Channel Grab	23.3	11.9	0.086	6.82	0.113	0.086	0.547
15/02/2026	Flow Channel Grab	22.2	7.4	0.084	6.41	0.091	0.278	0.676
16/02/2026	Flow Channel Grab	19.7	11.3	0.051	9.41	0.026	0.412	
17/02/2026	Flow Channel Grab	22.5	15	0.055	7.66	0.029	0.05	0.568
19/02/2026	Flow Channel Grab	21.5	7.6	0.068	4.84	0.055	0.025	0.376
21/02/2026	Flow Channel Grab	20.8	6.7	0.064	6.61	0.027	0.025	
23/02/2026	Flow Channel Grab	20.5	8.2	0.049	7.74	0.017	0.025	0.393
26/02/2026	Flow Channel Grab	21.7	6.8	0.053	6.61	0.016	0.025	0.288
28/02/2026	Flow Channel Grab	22.1	6.4	0.051	7.33	0.0075	0.025	0.296
2/03/2026	Flow Channel Grab	22.6	6.2	0.051	6.16	0.0075	0.025	
4/03/2026	Flow Channel Grab	19.2	5.5	0.03	7.35	0.0075	0.025	0.646
6/03/2026	Flow Channel Grab	19.6	6	0.033	4.62	0.0075	0.025	0.797
8/03/2026	Flow Channel Grab	20.1	5.7	0.035	5.26	0.016	0.025	0.636
9/03/2026	Flow Channel Grab	20.6	3.7	0.03	4.84	0.0075	0.025	0.157
11/03/2026	Flow Channel Grab	19.7	2.4	0.032	5.34	0.0075	0.025	0.358
15/03/2026	Flow Channel Grab	21.9	3.2	0.043	5.47	0.0075	0.025	0.133
16/03/2026	Flow Channel Grab	22	7.2	0.035	4.72	0.0075	0.025	
17/03/2026	Flow Channel Grab	22.2	2.5	0.029	3.97	0.0075	0.025	0.135
19/03/2026	Flow Channel Grab	20.6	5.2	0.037	5.34	0.0075	0.025	0.194
20/03/2026	Flow Channel Grab	20.5	3.5	0.036	4.77	0.0075	0.025	0.186
21/03/2026	Flow Channel Grab	20.5	4.8	0.039	5.01	0.0075	0.025	
25/03/2026	Flow Channel Grab	20.9	4.6	0.024	3.85	0.0075	0.025	0.186
28/03/2026	Flow Channel Grab	20.6	3.8	0.035	3.65	0.0075	0.025	0.152
30/03/2026	Flow Channel Grab	21	4	0.032	3.62	0.0075	0.025	0.161

Year-to-Date Trends

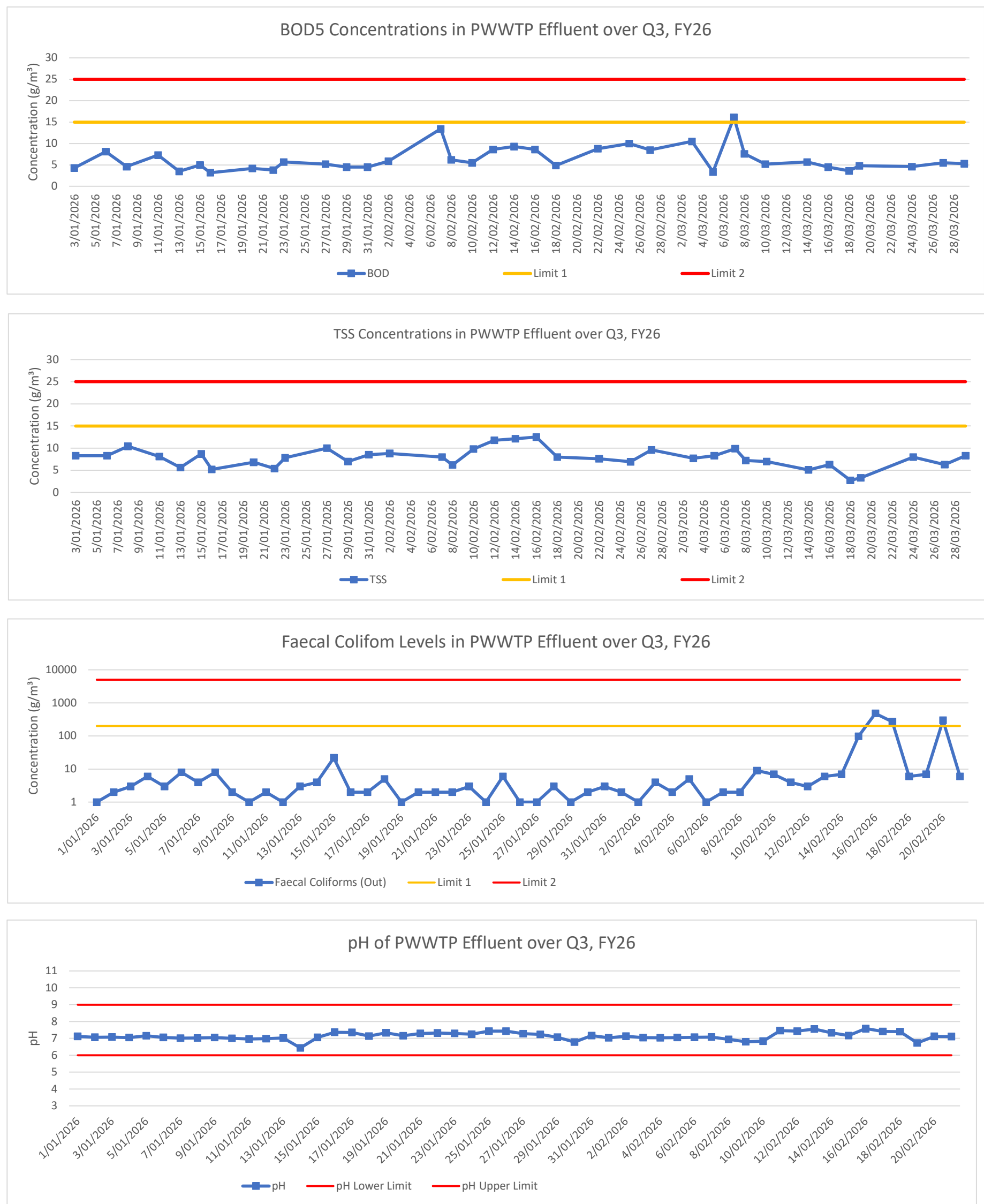
Paraparaumu WWTP - Quarterly Flow Data Jan-26 / Mar-26

Location	Influent Flow		Effluent Flow		Rainfall
	Average rate	Total	Average rate	Total	Total
Limit				18600	
Units	L/s	m³/day	L/s	m³/day	mm
1/01/2026	109	9443	124	10749	#N/A
2/01/2026	104	8983	119	10254	0.0
3/01/2026	110	9546	119	10315	0.0
4/01/2026	105	9074	119	10278	0.0
5/01/2026	109	9412	119	10315	0.0
6/01/2026	107	9243	121	10453	0.0
7/01/2026	103	8895	117	10088	0.0
8/01/2026	105	9043	118	10211	0.0
9/01/2026	104	8972	118	10180	0.0
10/01/2026	104	8983	121	10426	0.0
11/01/2026	101	8745	118	10234	0.0
12/01/2026	103	8926	119	10270	0.0
13/01/2026	107	9220	120	10343	0.0
14/01/2026	103	8929	118	10212	0.0
15/01/2026	106	9190	121	10479	0.0
16/01/2026	159	13761	157	13571	24.3
17/01/2026	131	11334	143	12332	3.0
18/01/2026	126	10926	135	11696	0.0
19/01/2026	121	10489	130	11265	0.0
20/01/2026	132	11370	134	11597	0.0
21/01/2026	118	10204	132	11400	0.0
22/01/2026	106	9147	117	10120	0.4
23/01/2026	110	9490	130	11231	1.6
24/01/2026	109	9424	125	10842	0.4
25/01/2026	115	9910	131	11337	6.5
26/01/2026	117	10070	132	11371	1.2
27/01/2026	111	9550	125	10773	1.2
28/01/2026	108	9369	120	10344	0.0
29/01/2026	113	9737	124	10683	0.0
30/01/2026	106	9201	122	10500	0.0
31/01/2026	106	9167	119	10310	0.0
1/02/2026	112	9699	124	10672	0.0
2/02/2026	111	9616	123	10616	0.0
3/02/2026	102	8838	118	10221	0.6
4/02/2026	122	10531	127	10931	8.4
5/02/2026	125	10791	140	12082	1.5
6/02/2026	110	9526	121	10467	0.0
7/02/2026	110	9494	125	10802	0.0
8/02/2026	105	9035	120	10349	0.0
9/02/2026	115	9912	125	10806	0.0
10/02/2026	109	9378	121	10447	0.0
11/02/2026	104	8975	119	10239	0.0
12/02/2026	104	9025	118	10215	0.0
13/02/2026	108	9338	121	10424	0.0
14/02/2026	104	9017	121	10427	3.3
15/02/2026	111	9569	125	10789	1.8
16/02/2026	117	10067	124	10755	1.9
17/02/2026	141	12208	154	13313	17.1
18/02/2026	118	10161	138	11891	0.0
19/02/2026	113	9801	127	10964	0.0
20/02/2026	108	9351	125	10836	0.9
21/02/2026	111	9631	126	10850	0.3
22/02/2026	115	9956	129	11188	0.0
23/02/2026	110	9472	125	10818	0.0
24/02/2026	110	9495	122	10559	0.0
25/02/2026	103	8931	119	10250	0.0
26/02/2026	105	9075	119	10320	0.0
27/02/2026	104	8975	122	10522	2.7
28/02/2026	103	8928	122	10501	0.0
1/03/2026	111	9627	125	10783	0.0
2/03/2026	111	9615	124	10716	0.0
3/03/2026	105	9064	122	10542	3.3
4/03/2026	106	9150	122	10500	2.0
5/03/2026	107	9232	123	10591	0.0
6/03/2026	105	9037	121	10492	0.0
7/03/2026	104	8992	121	10494	0.0
8/03/2026	107	9280	124	10744	0.0
9/03/2026	106	9176	123	10633	0.0
10/03/2026	103	8918	119	10307	0.0
11/03/2026	104	8996	120	10401	0.0
12/03/2026	102	8832	118	10220	0.0
13/03/2026	102	8815	118	10230	0.0
14/03/2026	97	8416	118	10225	1.7
15/03/2026	107	9226	122	10536	2.2
16/03/2026	108	9373	123	10640	0.0
17/03/2026	102	8844	120	10333	0.0
18/03/2026	98	8495	117	10107	0.0
19/03/2026	98	8442	116	10046	0.0
20/03/2026	102	8785	119	10241	0.0
21/03/2026	99	8549	117	10106	0.0

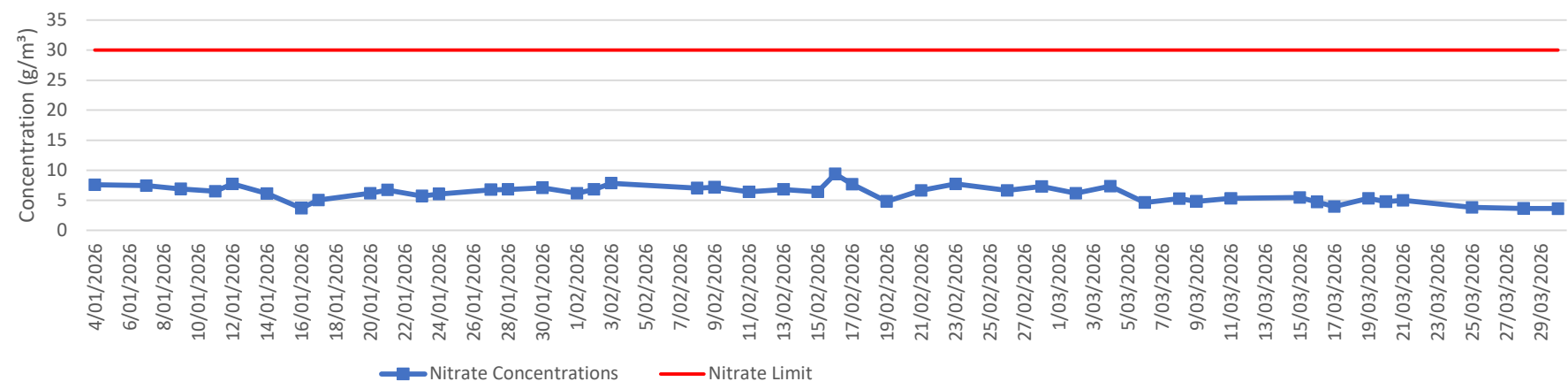
22/03/2026	104	9016	121	10480	0.0
23/03/2026	106	9138	120	10369	0.0
24/03/2026	102	8803	118	10173	0.0
25/03/2026	98	8425	118	10168	0.0
26/03/2026	100	8642	119	10251	0.0
27/03/2026	100	8662	117	10143	0.7
28/03/2026	103	8922	123	10629	7.3
29/03/2026	102	8777	121	10422	0.6
30/03/2026	104	9012	121	10429	0.5
31/03/2026	104	8991	122	10576	3.3
1/04/2026	105	9091	121	10428	0.0



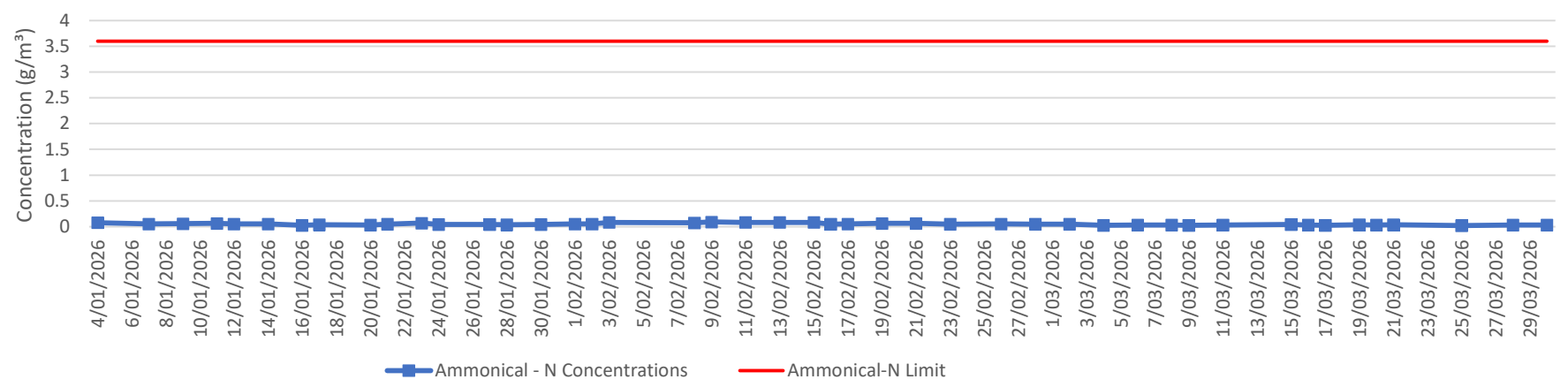
Quarterly compliance trending for the Paraparaumu WWTP effluent (Q3 2025/26)



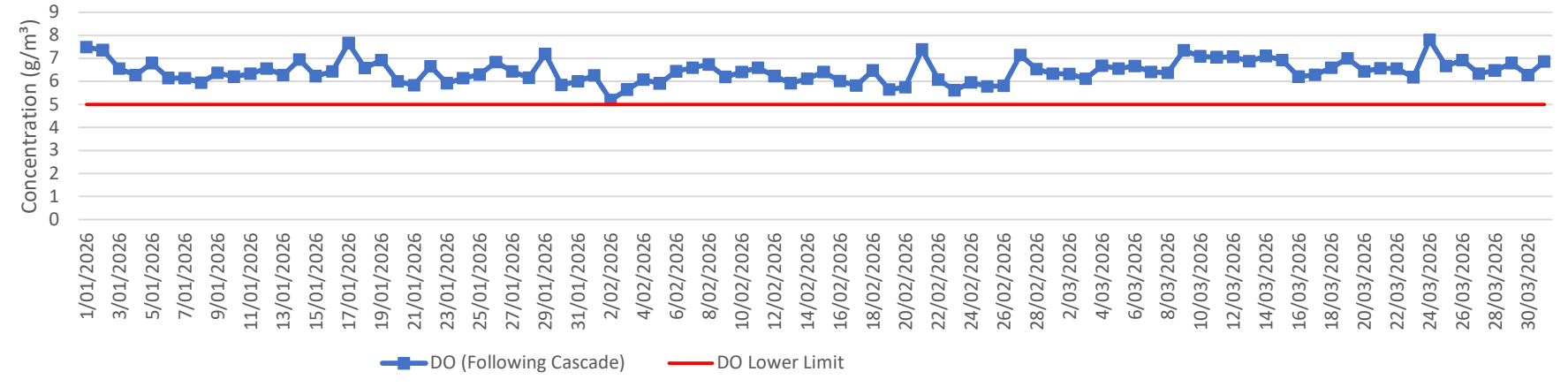
Nitrate Concentrations in PWWTP Effluent over Q3, FY26



Ammoniacal Concentrations in PWWTP Effluent over Q3, FY26



DO Concentrations in PWWTP Effluent over Q3, FY26



Paraparaumu WWTP - Quarterly Air Report
Current Calendar Q 1
Quarter Start: 1/01/2026
Quarter End: 31/03/2026

Report Month: March 2026

Date	Boiler Combustion Chamber Temperature °C	Boiler Combustion Chamber Adjusted by 20% °C	Boiler Main Stack Exhaust Temperature °C	O2% before Scrubber	Scrubber Pressure In	Scrubber Pressure Out	Dryer Exhaust Fan Speed %	Dryer Exhaust Airflow Rate m3/hr	Biofilter Fan Speed %	Biofilter Fan Airflow Rate m3/hr	Biofilter Fan Loading Rate m3/m2/hr	Biofilter Odour Air Temperature °C	Biofilter Pressure	Biofilter Temperature °C
1/01/2026	679.6	815.6	303.9	10.1	-1.0	-380.1	65.4	1225.4	65.0	1354.2	494.3	25.4	8.8	22.0
2/01/2026	684.1	820.9	307.7	10.0	-1.0	-381.6	65.7	1282.3	65.0	1354.2	494.3	25.4	8.7	24.4
3/01/2026	677.1	812.6	315.4	10.1	-1.0	-389.4	67.9	1325.1	65.0	1354.2	494.3	23.5	8.6	22.0
4/01/2026	680.2	816.3	319.2	10.1	-1.0	-389.0	67.9	1324.5	65.0	1354.2	494.3	24.0	8.3	23.5
5/01/2026	671.6	805.9	318.0	10.3	-1.0	-386.6	67.1	1308.8	65.0	1354.2	494.3	23.4	8.1	23.3
6/01/2026	651.3	781.5	277.5	11.1	-1.0	-376.5	60.2	1176.2	65.0	1354.2	494.3	24.1	7.9	23.4
7/01/2026	641.8	770.2	256.6	11.2	-1.0	-371.7	57.5	1124.1	65.0	1354.2	494.3	23.3	7.7	23.2
8/01/2026	655.7	786.9	262.3	11.5	-1.0	-370.1	57.8	1128.5	65.0	1354.2	494.3	23.5	7.5	24.7
9/01/2026	674.5	809.5	268.6	11.7	-1.0	-370.5	57.9	1131.6	65.0	1354.2	494.3	23.8	7.4	24.0
10/01/2026	679.0	814.8	275.4	11.6	-1.0	-371.6	58.8	1147.8	65.0	1354.2	494.3	23.4	7.3	22.6
11/01/2026	671.3	805.6	276.1	11.8	-1.0	-368.6	58.3	1138.4	65.0	1354.2	494.3	24.5	7.2	23.2
12/01/2026	666.5	799.8	277.6	11.8	-1.0	-368.5	58.4	1141.2	65.0	1354.2	494.3	24.0	7.2	24.8
13/01/2026	669.9	803.9	258.3	12.2	-1.0	-370.9	56.7	1107.1	65.0	1354.2	494.3	22.2	6.9	23.2
14/01/2026	666.0	799.2	253.2	12.1	-1.0	-371.1	56.6	1106.5	65.0	1354.2	494.3	22.5	6.9	21.8
15/01/2026	662.2	794.7	258.9	12.0	-1.0	-372.3	57.9	1131.0	65.0	1354.2	494.3	23.8	9.1	21.3
16/01/2026	650.3	780.3	261.2	12.2	-1.0	-372.4	58.7	1145.7	65.0	1354.2	494.3	23.8	9.6	21.9
17/01/2026	642.2	770.7	253.5	12.5	-1.0	-371.3	58.3	1139.7	65.0	1354.2	494.3	23.3	9.6	22.2
18/01/2026	646.9	776.3	272.7	12.2	-1.0	-377.1	59.9	1169.9	65.0	1354.2	494.3	22.2	9.3	21.3
19/01/2026	674.7	809.6	282.8	11.6	-1.0	-379.3	61.3	1196.1	65.0	1354.2	494.3	23.6	9.0	22.8
20/01/2026	676.7	812.1	284.6	11.5	-1.0	-374.8	60.6	1184.0	65.0	1354.2	494.3	24.6	8.8	23.3
21/01/2026	657.9	789.4	283.1	11.7	-1.0	-373.0	60.2	1176.4	65.0	1354.2	494.3	23.7	8.7	23.1
22/01/2026	670.4	804.4	290.3	11.0	-1.0	-375.2	62.3	1216.4	65.0	1354.2	494.3	24.5	8.9	23.2
23/01/2026	690.2	828.2	288.9	11.1	-1.0	-374.6	61.9	1208.9	65.0	1354.2	494.3	24.7	8.9	22.5
24/01/2026	692.6	831.2	287.7	11.3	-1.0	-378.1	63.1	1231.5	65.0	1354.2	494.3	22.6	9.7	20.2
25/01/2026	692.0	830.5	291.5	11.0	-1.0	-374.9	63.0	1229.5	65.0	1354.2	494.3	24.6	9.5	21.9
26/01/2026	694.5	833.4	293.7	11.0	-1.0	-372.8	62.6	1223.0	65.0	1354.2	494.3	25.4	9.4	23.3
27/01/2026	693.7	832.4	297.7	10.9	-1.0	-375.9	64.0	1248.3	65.0	1354.2	494.3	22.5	9.3	22.1
28/01/2026	675.4	810.5	294.1	11.2	-1.0	-373.4	63.1	1232.1	65.0	1354.2	494.3	23.1	8.9	24.2
29/01/2026	682.4	818.9	301.7	10.9	-1.0	-377.6	64.8	1264.4	65.0	1354.2	494.3	25.4	8.8	22.6
30/01/2026	695.9	835.1	307.8	10.8	-1.0	-382.3	67.2	1311.5	65.0	1354.2	494.3	25.0	8.9	25.1
31/01/2026	710.7	852.8	313.3	10.6	-1.0	-384.3	68.6	1338.0	65.0	1354.2	494.3	25.2	8.6	23.5
1/02/2026	710.4	852.5	312.5	10.5	-1.0	-382.8	68.5	1337.1	65.0	1354.2	494.3	25.3	8.6	23.1
2/02/2026	694.9	833.9	280.9	11.0	-0.8	-379.4	64.1	1250.9	65.0	1354.2	494.3	24.2	8.6	21.4
3/02/2026	695.9	835.1	261.5	10.8	-1.0	-381.6	63.4	1236.9	65.0	1354.2	494.3	24.2	9.4	22.9
4/02/2026	684.0	820.7	262.5	11.3	-1.0	-379.0	62.4	1217.9	65.0	1354.2	494.3	22.1	10.1	22.4
5/02/2026	656.3	787.6	260.8	11.7	-1.0	-374.7	61.1	1193.6	65.0	1354.2	494.3	20.8	9.3	22.4
6/02/2026	664.1	796.9	265.9	11.5	-1.0	-375.1	62.0	1210.5	65.0	1354.2	494.3	23.0	9.0	21.9
7/02/2026	664.9	797.8	268.2	11.3	-1.0	-374.6	61.9	1209.3	65.0	1354.2	494.3	24.1	9.1	23.7
8/02/2026	669.6	803.6	273.8	11.2	-1.0	-379.4	64.2	1253.1	65.0	1354.2	494.3	23.5	9.0	24.0
9/02/2026	655.7	786.8	274.4	11.3	-1.0	-380.2	64.4	1257.6	65.0	1354.2	494.3	22.1	8.9	23.8
10/02/2026	657.3	788.8	276.3	11.3	-1.0	-380.4	63.8	1245.1	65.0	1354.2	494.3	22.4	8.8	22.9
11/02/2026	654.9	785.9	278.7	11.3	-1.0	-379.3	63.5	1239.3	65.0	1354.2	494.3	23.6	8.6	24.3
12/02/2026	662.9	795.5	283.8	11.0	-1.0	-378.4	64.1	1250.2	65.0	1354.2	494.3	23.6	8.7	25.1
13/02/2026	672.6	807.1	288.3	10.7	-1.0	-381.2	65.6	1280.9	65.0	1354.1	494.2	24.5	8.9	23.5
14/02/2026	682.2	818.6	290.6	10.6	-1.0	-379.8	66.2	1291.2	65.0	1354.2	494.3	26.3	9.1	25.3
15/02/2026	668.6	802.3	286.6	11.0	-1.0	-380.9	65.8	1284.3	65.0	1354.2	494.3	22.5	9.5	19.9
16/02/2026	648.5	778.2	254.3	12.4	-0.6	-372.8	53.1	1037.5	60.6	1262.0	460.6	21.1	10.4	18.3
17/02/2026	673.6	808.3	254.0	12.6	-1.0	-379.9	59.5	1161.7	65.0	1354.2	494.3	24.7	9.7	22.8
18/02/2026	687.5	825.0	252.9	12.7	-1.0	-382.6	60.5	1182.1	65.0	1354.2	494.3	24.8	9.3	23.6
19/02/2026	687.6	825.1	262.0	12.6	-1.0	-384.9	61.8	1207.0	65.0	1354.2	494.3	24.8	9.3	21.5
20/02/2026	683.1	819.8	266.1	12.6	-1.0	-384.0	61.9	1217.9	65.0	1354.2	494.3	22.8	9.4	22.3
21/02/2026	572.3	696.8	194.6	16.2	-1.0	-352.8	34.1	844.5	65.0	1354.2	494.3	22.3	9.2	21.2
22/02/2026	338.0	405.6	139.4	16.7	-1.3	-354.8	32.3	634.7	65.0	1354.2	494.3	21.5	8.9	21.2
23/02/2026	675.3	810.3	250.9	12.8	-1.0	-385.6	59.2	1156.8	65.0	1354.2	494.3	22.6	9.0	22.6
24/02/2026	670.1	804.1	255.9	12.8	-1.0	-385.5	59.4	1160.6	65.0	1354.2	494.3	24.3	8.8	23.1
25/02/2026	673.5	808.2	261.9	12.7	-1.0	-385.1	59.6	1164.3	65.0	1354.2	494.3	23.3	8.7	23.4
26/02/2026	679.0	814.8	265.2	12.5	-1.0	-383.2	59.6	1163.2	65.0	1354.2	494.3	25.2	8.8	22.0
27/02/2026	676.2	811.5	269.8	12.5	-1.0	-388.1	61.2	1194.5	65.0	1354.2	494.3	19.3	9.2	19.6
28/02/2026	677.7	813.2	272.1	12.5	-1.0	-385.6	60.6	1183.1	65.0	1354.2	494.3	20.2	8.9	21.3
1/03/2026	677.2	812.7	274.7	12.4	-1.0	-384.5	60.8	1186.4	65.0	1354.2	494.3	22.1	8.7	20.8
2/03/2026	676.7	812.0	278.5	12.5	-1.0	-389.1	62.1	1212.8	65.0	1354.2	494.3	18.4	9.0	15.9
3/03/2026	674.8	809.8	279.4	12.5	-1.0	-385.4	61.1	1192.6	65.0	1354.2	494.3	18.0	8.9	16.5
4/03/2026	680.6	816.7	281.9	12.3	-1.0	-381.8	60.3	1176.7	65.0	1354.2	494.3	20.9	8.7	19.3
5/03/2026	680.8	817.0	286.6	12.3	-1.0	-384.8	61.7	1204.1	65.0	1354.2	494.3	21.4	8.6	19.5
6/03/2026	675.6	810.7	289.2	12.2	-1.0	-383.2	61.1	1193.8	65.0	1354.2	494.3	24.1	8.5	21.5
7/03/2026	680.2	816.3	290.2	12.2	-1.0	-384.9	61.4	1199.1	65.0	1354.2	494.3	24.5	8.5	21.9
8/03/2026	697.2	836.6	286.9	11.8	-1.0	-390.5	64.1	1250.5	65.0	1354.2	494.3	24.2	8.6	21.5
9/03/2026	687.0	824.4	285.7	11.9	-1.0	-389.6	61.0	1190.9	65.0	1354.2	494.3	23.2	8.7	21.3
10/03/2026	670.3	804.3	251.9	11.8	-1.0	-388.4	59.7	1166.0	65.0	1354.2	494.3	21.7	8.4	20.5
11/03/2026	667.1	800.5	257.0	11.9	-1.0	-386.9	60.0	1171.5	65.0	1354.2	494.3	20.4	8.1	19.8
12/03/2026	670.8	805.0	264.4	11.6	-1.0	-386.0	60.6	1183.2	65.0	1354.2	494.3	22.0	7.9	21.1
13/03/2026	681.1	817.4	271.9	11.9	-1.0	-384.7	61.4	1198.6	65.0	1354.2	494.3	25.2	8.1	22.9
14/03/2026	701.4	841.7	282.2	11.8	-1.0	-388.4	63.3	1234.7	65.0	1354.2	494.3	25.0	8.4	23.0
15/03/2026	697.2	836.6	286.3	11.8	-1.0	-391.3	64.1	1250.5	65.0	1354.2	494.3	23.0	8.0	21.7
16/03/2026	700.0	840.0	294.2	11.6	-1.0	-393.2	65.0	1268.7	65.0	1354.2	494.3	23.6	7.8	21.3
17/03/2026	699.9	839.9	298.1	11.6	-1.0	-390.6	64.5	1259.7	65.0	1354.2	494.3	24.0	7.6	22.9
18/03/2026	703.7	844.4	306.1	11.4	-1.0	-394.1	66.5	1297.5	65.0	1354.2	494.3	23.8	7.6	21.1
19/03/2026	664.8	797.8	260.4	12.8	-1.0	-386.7	58.9	1149.9	65.0	1354.2	494.3	23.9	7.6	23.1
20/03/2026	683.3													