

Summary Compliance Report for Quarter				Quarter 2		
WGN970255[2656]	Parameter	Limit	Metric	October 2024	November 2024	December 2024
Purpose for Which Right is Granted	Discharge Flows	Discharge flows may not exceed 18,600 m3/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/m3	Geometric mean	4.91	5.08	5.47
		Only one BOD sample/month may exceed 25g/m3	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/m3	Geometric mean	7.89	8.21	5.20
		Only one Suspended Solids sample/month may exceed 25g/m3	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	7	15	5
		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	7.2	7.2	7.5
Condition 18 (c)	Ammonia	Based on 36 consecutive samples, no more than 3 of 36 Ammonia samples exceed 3.6 g/m3.	Geometric mean	0.12		
Condition 18 (c)	Nitrates	Based on 36 consecutive samples, no Nitrate sample may exceed 30 g/m3.	Geometric mean	7.59		
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	6.76		
WGN970255 [34837]	Parameter	Limit		Compliant?	Compliant?	Compliant?
Purpose for Which Right is Granted	Stormbasin use	Permitted to use four times/year	No. times used	0	0	0
Condition 7 (b)	Notify GWRC	Required to notify GWRC when used.	No. times notified.	0	0	0
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	35	35	35	35	35
	Geometric Mean					
	YTD	79.40	5.14	32	7.28	7.02
	Oct-24	86.16	4.91	31.51	7.39	7.89
	Nov-24	76.28	5.08	35.60	6.93	8.21
	Dec-24	76.70	5.47	29.37	7.63	5.20
	Maximum	99.5	9.5	64	9.8	14.7
	No. Samples > limit 1	0	0	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
1/10/2024	24h Comp	87.5	7.3	34	7.9	13.4
3/10/2024	24h Comp	81	3.3	41	8	7.4
9/10/2024	24h Comp	91	3.2	28	6.5	6.1
12/10/2024	24h Comp	85.5	4.3	31	6.9	6.7
14/10/2024	24h Comp	79.5	5	27	8	6.4
17/10/2024	24h Comp	96	7.9	35	6.8	8
18/10/2024	24h Comp	93.5	6.2	35	7.8	14.7
23/10/2024	24h Comp	85.5	6.3	35	7.6	9.5
25/10/2024	24h Comp	82.5	3.2	28	6.7	5.9
28/10/2024	24h Comp	87.5	4.4	25	9.1	5.5
30/10/2024	24h Comp	80	5.6	31	6.4	7.8
2/11/2024	24h Comp	82.5	2.6	26	6.1	7.2
3/11/2024	24h Comp	82.5	5.5	31	8.6	9.6
7/11/2024	24h Comp	91	4.7	29	5.8	5.3
9/11/2024	24h Comp	82.5	4.2	44	7.8	10.7
12/11/2024	24h Comp	99.5	4.9	28	6	7.5
14/11/2024	24h Comp	69	5.5	64	6.2	12.9
16/11/2024	24h Comp	50.5	4.9	31	6.9	9.1
18/11/2024	24h Comp	56.5	3.7	39	4.8	8.3
21/11/2024	24h Comp	81.5	4.2	37	7.4	7.1
24/11/2024	24h Comp	72.5	8.5	33	9.1	6.1
26/11/2024	24h Comp	76.5	9.5	47	7.6	10.5
28/11/2024	24h Comp	85	5.9	35	6.8	7.6
30/11/2024	24h Comp	77	5.4	33	8.3	7.8
1/12/2024	24h Comp	73	9.3	44	9.1	7.7
3/12/2024	24h Comp	77.5	7.1	35	6.6	7.3
7/12/2024	24h Comp	87.5	6.3	26	6.6	5.5
8/12/2024	24h Comp	90.5	7.5	24	6.3	3.6
10/12/2024	24h Comp	71	3.8	22	6.7	5.5
15/12/2024	24h Comp	73	6.3	33	8.4	5.7
17/12/2024	24h Comp	79	4.5	30	7.2	4.4
19/12/2024	24h Comp	73.5	3.9	28	8.1	3.5
21/12/2024	24h Comp	72	3.4	30	8	4.9
23/12/2024	24h Comp	67.5	4.6	38	7.9	3.9
29/12/2024	24h Comp	82.5	6.4	21	9.8	7.3

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	200		5	6		
Limit 2	5000			9		
Year-To-Date Summary						
Number of Samples	92	92	92	92	92	92
Geometric Mean	8	20.4	6.76	7.28	165.11	66.00
Oct-24	7	19.1	7.1	7.2	163.5	64.3
Nov-24	15	20.2	6.7	7.2	168.1	59.6
Dec-24	5	22.0	6.4	7.5	163.9	74.7
Maximum (Min for DO)	52	23	5.24	8.09	219	98.6
No. Samples > limit 1	0	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
1/10/2024	Post UV Grab	10	18.6	7.28	7.34	162	47.6
2/10/2024	Post UV Grab	5	18.2	6.75	7.41	160	47.1
3/10/2024	Post UV Grab	15	18.7	7.86	7.1	145	52.9
4/10/2024	Post UV Grab	15	19.1	7.15	7.26	179	40.9
5/10/2024	Post UV Grab	4	19	7.66	7.15	150	50.1
6/10/2024	Post UV Grab	6	19.1	6.78	6.99	155	56.7
7/10/2024	Post UV Grab	4	18.9	7.76	7.09	159	57.4
8/10/2024	Post UV Grab	8	18.8	6.62	6.8	159	59.1
9/10/2024	Post UV Grab	14	18.7	7.64	7.4	167	56.1
10/10/2024	Post UV Grab	14	18.6	7.21	7.4	156	55.1
11/10/2024	Post UV Grab	11	19	7.92	7.03	179	50.6
12/10/2024	Post UV Grab	9	18.8	7.55	7.35	181	54.3
13/10/2024	Post UV Grab	15	18.8	7.17	7.36	172	59.1
14/10/2024	Post UV Grab	3	18.4	7.22	7.02	163	67.8
15/10/2024	Post UV Grab	7	18.6	7.13	7.34	151	75.9
16/10/2024	Post UV Grab	7	18.4	8.11	7.36	162	69
17/10/2024	Post UV Grab	7	18.8	6.54	7.39	164	70.6
18/10/2024	Post UV Grab	4	18.8	6.52	7.34	159	67.8
19/10/2024	Post UV Grab	7	19.4	7.22	6.96	182	62.9
20/10/2024	Post UV Grab	7	19.6	6.2	6.75	149	81.4
21/10/2024	Post UV Grab	17	19.6	7.87	6.77	162	73.5
22/10/2024	Post UV Grab	2	20.2	6.71	6.79	141	84.9
23/10/2024	Post UV Grab	10	20.2	6.74	6.79	148	83.4
24/10/2024	Post UV Grab	5	19.8	6.85	7.41	154	80.2
25/10/2024	Post UV Grab	12	19.8	7.17	7.35	159	98.6
26/10/2024	Post UV Grab	7	19.9	7.01	7.44	190	68.9
27/10/2024	Post UV Grab	7	20	7.14	7.36	178	86.6
28/10/2024	Post UV Grab	12	19.5	6.47	7.18	167	60.2
29/10/2024	Post UV Grab	3	18.5	7.89	6.67	178	80.5
30/10/2024	Post UV Grab	3	18.5	7.12	7.26	171	75.2
31/10/2024	Post UV Grab	16	19.2	6.06	7.51	182	62.5
1/11/2024	Post UV Grab	22	19.2	7.31	7.49	165	65.7
2/11/2024	Post UV Grab	6	19.2	6.94	7.29	155	68.9
3/11/2024	Post UV Grab	16	19	7.91	7.5	186	57.5
4/11/2024	Post UV Grab	14	19	7.38	7.48	171	63.3
5/11/2024	Post UV Grab	8	19	7.63	7.39	153	69.3
6/11/2024	Post UV Grab	28	19.4	7.32	7.33	157	69.3
7/11/2024	Post UV Grab	28	19.4	6.17	7.14	169	62.3
8/11/2024	Post UV Grab	52	19.7	6.26	7.44	167	58.2
9/11/2024	Post UV Grab	39	20.2	6.19	7.44	179	57
10/11/2024	Post UV Grab	22	20.1	6.54	7.3	177	58.7
11/11/2024	Post UV Grab	25	20.3	6.08	7.61	176	64.4
12/11/2024	Post UV Grab	45	20.5	6.56	7.43	159	69
13/11/2024	Post UV Grab	15	21.1	7.01	7.55	159	63.1
14/11/2024	Post UV Grab	18	20.8	6.32	6.77	151	68.6
15/11/2024	Post UV Grab	27	19.3	5.83	6.58	219	57.7
16/11/2024	Post UV Grab	18	19.6	6.86	6.67	202	55
17/11/2024	Post UV Grab	15	19.6	7.93	6.7	190	51.3
18/11/2024	Post UV Grab	9	20.4	7.16	6.66	180.37	50.1
19/11/2024	Post UV Grab	12	20.7	6.74	6.73	171	50.7
20/11/2024	Post UV Grab	19	20.8	6.59	7.41	157	51.2
21/11/2024	Post UV Grab	7	20.4	6.82	7.31	161	52.8
22/11/2024	Post UV Grab	12	20.4	6.81	7.52	178	51.7
23/11/2024	Post UV Grab	7	20.4	6.26	7.28	166	52.2
24/11/2024	Post UV Grab	4	21	6.56	6.77	145	59.2
25/11/2024	Post UV Grab	25	20.9	6.74	7.35	163	58.2
26/11/2024	Post UV Grab	6	21.2	6.31	7.54	146	63
27/11/2024	Post UV Grab	6	20.8	6.84	7.32	164	59.2
28/11/2024	Post UV Grab	8	20.9	6.65	7.46	150	68.5
29/11/2024	Post UV Grab	13	21.2	6.77	7.34	155	68.2
30/11/2024	Post UV Grab	17	21.7	6.04	6.82	194	55.3
1/12/2024	Post UV Grab	18	21.4	6.15	7.38	165	66
2/12/2024	Post UV Grab	15	21.7	6.74	7.32	162	71.3
3/12/2024	Post UV Grab	5	21.7	6.52	7.37	150	78
4/12/2024	Post UV Grab	19	21.8	6	7.43	152	79.2
5/12/2024	Post UV Grab	4	21.5	6.82	7.38	150	84.2
6/12/2024	Post UV Grab	16	21.5	6.5	7.65	180	58.8
7/12/2024	Post UV Grab	6	21.9	6.28	7.46	183	65.4
8/12/2024	Post UV Grab	3	21.4	6.44	7.31	141	94.3
9/12/2024	Post UV Grab	3	22	5.86	7.5	163	85
10/12/2024	Post UV Grab	1	21.9	7.08	7.57	162	81.9
11/12/2024	Post UV Grab	4	21.7	6.9	7.59	153	85.8
12/12/2024	Post UV Grab	6	21.7	6.29	7.32	150	86.5
13/12/2024	Post UV Grab	10	22.5	6.8	8.09	163	75.6
14/12/2024	Post UV Grab	3	22	5.78	7.56	169	76.3
15/12/2024	Post UV Grab	17	22.2	6.35	7.85	175	76.5
16/12/2024	Post UV Grab	6	22.1	6.5	7.36	149	89.8
17/12/2024	Post UV Grab	21	21.5	6.69	7.7	164	83.3
18/12/2024	Post UV Grab	1	21.1	6.16	7.46	174	81.1
19/12/2024	Post UV Grab	4	21.1	6.54	7.52	163	80.6
20/12/2024	Post UV Grab	2	21.6	6.88	7.41	166	80.8
21/12/2024	Post UV Grab	1	22.2	6.21	7.44	183	71.1
22/12/2024	Post UV Grab	1	22	7.19	7.36	179	73
23/12/2024	Post UV Grab	3	22.6	6.59	7.31	185	69.8
24/12/2024	Post UV Grab	3	22.5	6.28	7.31	163	73.1
25/12/2024	Post UV Grab	9	23	6.76	7.2	181	60
26/12/2024	Post UV Grab	4	23	5.77	7.24	167	64.2
27/12/2024	Post UV Grab	4	22.2	7.07	7.1	155	68.1
28/12/2024	Post UV Grab	4	22.3	6.67	7.17	161	70
29/12/2024	Post UV Grab	3	22.8	6.9	7.58	168	67.7
30/12/2024	Post UV Grab	8	22.7	5.24	7.15	162	67.2
31/12/2024	Post UV Grab	2	22.1	6.03	8.08	154	67.3

Year-to-Date Trends

Paraparaumu WWTP - Flow Channel Grab Sampling

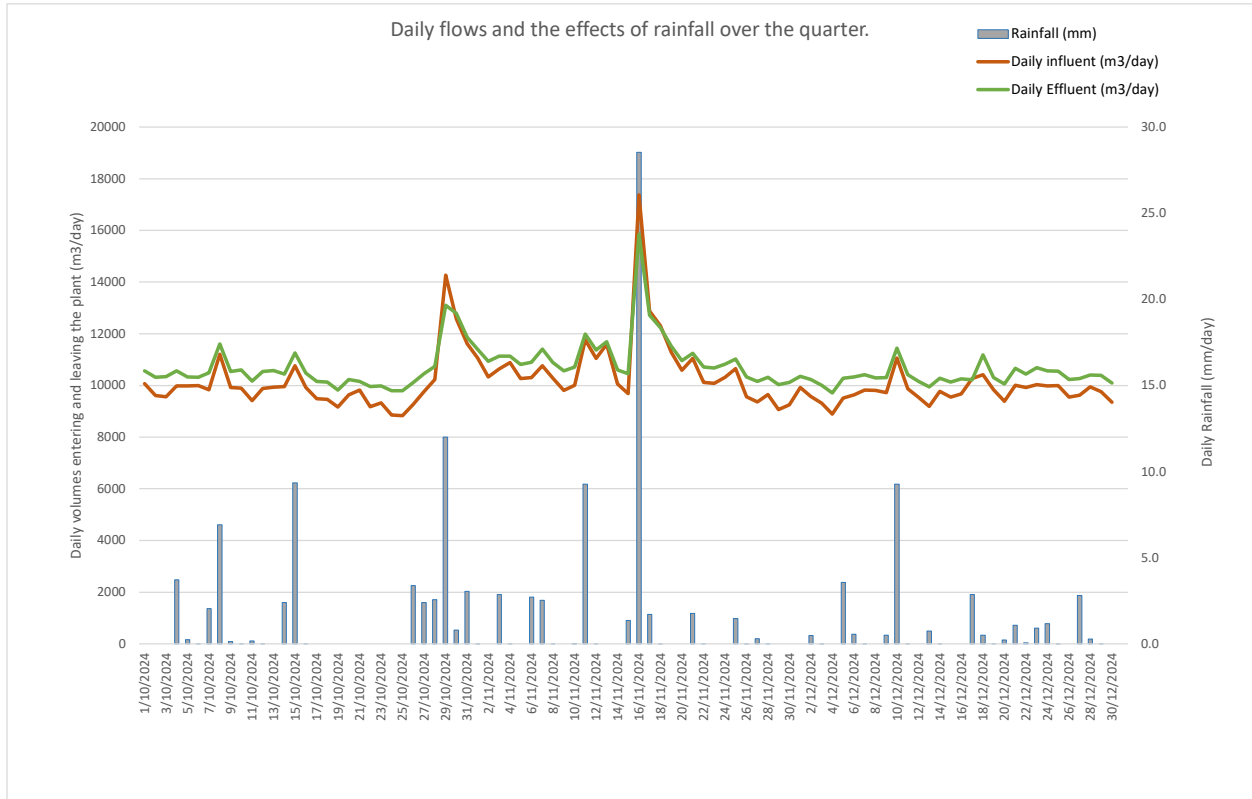
Parameter	Temperature at Time of Sampling	TSS	Total Ammonia-N	Nitrate-N	Nitrite-N	DRP	Total P
Units	°C	g/m³	g/m³	g/m³	g/m³	g/m³	g/m³
Limit 1 (Geometric Mean)			3.6	30			
Limit 2 (must not exceed for >1/12)							
Year-To-Date Summary							
Number of Samples	45	45	45	45	45	45	36
Geometric Mean	18.18	5.61	0.04	4.87	0.01	0.03	0.22
Oct-24	16.54	6.02	0.03	4.89	0.01	0.03	0.28
Nov-24	18.43	6.19	0.04	4.36	0.01	0.03	0.30
Dec-24	19.72	4.74	0.05	5.40	0.01	0.04	0.30
Jan-25							
Maximum	22	9.6	0.12	7.59	0.037	1.37	0.72
No. Samples > limit 1	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
1/10/2024	Flow Channel Grab	14.8	5.9	0.029	5.29	0.015	0.025	0.199
2/10/2024	Flow Channel Grab	14.9	6.3	0.043	5.64	0.0075	0.025	0.245
4/10/2024	Flow Channel Grab	17	5.5	0.037	5.09	0.0075	0.025	0.258
6/10/2024	Flow Channel Grab	19.1	6	0.035	5.28	0.02	0.025	
9/10/2024	Flow Channel Grab	17.8	6.6	0.0075	5.13	0.0075	0.025	0.174
13/10/2024	Flow Channel Grab	16.5	6.3	0.073	5.6	0.019	0.025	0.24
14/10/2024	Flow Channel Grab	14.6	8.2	0.029	6.82	0.0075	0.025	
15/10/2024	Flow Channel Grab	15.1	4.8	0.031	4.92	0.0075	0.025	0.273
18/10/2024	Flow Channel Grab	18.8	5.4	0.032	5.33	0.0075	0.025	0.153
19/10/2024	Flow Channel Grab	17.9	4.3	0.036	5.09	0.0075	0.025	0.181
24/10/2024	Flow Channel Grab	17.3	6.9	0.036	4.65	0.0075	0.025	0.238
26/10/2024	Flow Channel Grab	16.7	5.4	0.06	4.61	0.0075	0.025	0.191
29/10/2024	Flow Channel Grab	12.2	5.9	0.027	3.77	0.0075	0.025	0.175
30/10/2024	Flow Channel Grab	18.5	9.6	0.03	3.5	0.0075	0.025	
31/10/2024	Flow Channel Grab	18.6	5	0.029	3.72	0.0075	0.025	0.189
3/11/2024	Flow Channel Grab	19.1	7.6	0.042	5.37	0.021	0.025	0.238
4/11/2024	Flow Channel Grab	18.7	7.8	0.034	5.44	0.0075	0.025	0.231
5/11/2024	Flow Channel Grab	18.5	9.3	0.041	3.53	0.0075	0.025	
8/11/2024	Flow Channel Grab	16.8	7.3	0.041	3.61	0.0075	0.025	0.302
10/11/2024	Flow Channel Grab	16.8	7.5	0.057	4.81	0.0075	0.025	0.29
13/11/2024	Flow Channel Grab	19.5	6.1	0.033	3.23	0.0075	0.025	0.251
15/11/2024	Flow Channel Grab	20.6	7.1	0.032	4.46	0.019	0.025	0.267
17/11/2024	Flow Channel Grab	19.2	6.4	0.046	4.52	0.0075	0.025	0.214
18/11/2024	Flow Channel Grab	18.2	4.3	0.028	4.39	0.0075	0.025	
19/11/2024	Flow Channel Grab	19.6	4.3	0.037	3.4	0.0075	0.025	0.153
22/11/2024	Flow Channel Grab	20.2	4.4	0.041	5.32	0.0075	0.025	0.163
23/11/2024	Flow Channel Grab	18.6	5.3	0.044	4.6	0.0075	0.025	
25/11/2024	Flow Channel Grab	14.6	6.8	0.044	5.03	0.0075	0.025	0.222
27/11/2024	Flow Channel Grab	18.4	5.7	0.034	4.31	0.0075	0.053	0.155
29/11/2024	Flow Channel Grab	18.5	5.4	0.043	4.3	0.0075	0.025	0.222
1/12/2024	Flow Channel Grab	21.1	5.2	0.045	4.48	0.0075	0.025	0.246
2/12/2024	Flow Channel Grab	21.6	5.1	0.038	5.52	0.0075	0.025	0.245
4/12/2024	Flow Channel Grab	21	5.3	0.043	4.26	0.0075	0.025	0.228
8/12/2024	Flow Channel Grab	19	3.7	0.053	4.32	0.0075	0.025	0.157
9/12/2024	Flow Channel Grab	21	4.7	0.035	5.21	0.0075	0.025	0.179
11/12/2024	Flow Channel Grab	18.8	3.8	0.039	4.58	0.0075	0.025	0.124
15/12/2024	Flow Channel Grab	22	4.9	0.064	5.29	0.0075	0.025	
16/12/2024	Flow Channel Grab	17.6	5.2	0.063	5.91	0.023	0.025	0.242
18/12/2024	Flow Channel Grab	20.1	3.7	0.04	4.3	0.0075	0.025	0.174
20/12/2024	Flow Channel Grab	16.5	2.8	0.049	5.72	0.0075	0.025	0.163
22/12/2024	Flow Channel Grab	21.6	3.7	0.051	5.64	0.0075	0.025	0.198
24/12/2024	Flow Channel Grab	19.3	4.6	0.058	5.87	0.02	0.025	0.278
27/12/2024	Flow Channel Grab	18.8	7.9	0.116	7.59	0.037	0.059	
30/12/2024	Flow Channel Grab	18.5	5.7	0.091	6.75	0.033	0.429	0.722
31/12/2024	Flow Channel Grab	19.9	7.2	0.088	6.84	0.026	1.37	
Year-to-Date Trends								

Paraparaumu WWTP - Quarterly Flow Data **Oct-24 / Dec-24**

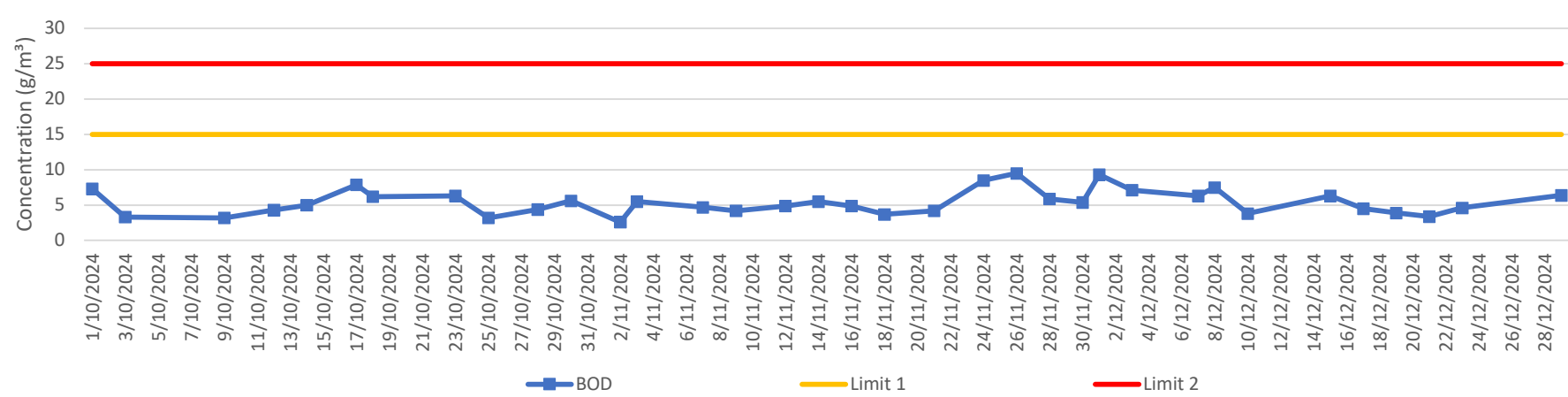
Location	Influent Flow		Effluent Flow		Rainfall
	Average rate	Total	Average rate	Total	Total
Limit				18600	
Units	L/s	m³/day	L/s	m³/day	mm
1/10/2024	117	10071	122	10568	0.0
2/10/2024	111	9610	119	10317	0.0
3/10/2024	111	9558	120	10343	0.0
4/10/2024	116	9986	122	10565	3.7
5/10/2024	115	9978	120	10332	0.3
6/10/2024	116	9998	119	10321	0.0
7/10/2024	114	9838	122	10499	2.1
8/10/2024	130	11203	134	11607	6.9
9/10/2024	115	9920	122	10543	0.1
10/10/2024	115	9896	123	10603	0.0
11/10/2024	109	9413	118	10178	0.2
12/10/2024	114	9882	122	10542	0.0
13/10/2024	115	9931	123	10587	0.0
14/10/2024	115	9959	121	10435	2.4
15/10/2024	125	10761	130	11253	9.4
16/10/2024	115	9919	121	10481	0.0
17/10/2024	110	9485	118	10154	0.0
18/10/2024	110	9466	117	10141	0.0
19/10/2024	106	9166	114	9815	0.0
20/10/2024	112	9637	118	10235	0.0
21/10/2024	114	9816	118	10163	0.0
22/10/2024	106	9184	115	9958	0.0
23/10/2024	108	9324	116	9987	0.0
24/10/2024	102	8849	113	9792	0.0
25/10/2024	102	8831	113	9795	0.0
26/10/2024	107	9278	117	10124	3.4
27/10/2024	113	9768	121	10458	2.4
28/10/2024	118	10223	124	10735	2.6
29/10/2024	165	14272	152	13101	12.0
30/10/2024	146	12582	148	12801	0.8
31/10/2024	134	11610	137	11873	3.0
1/11/2024	128	11065	132	11392	0.0
2/11/2024	120	10326	127	10942	0.0
3/11/2024	123	10641	129	11137	2.9
4/11/2024	126	10890	129	11140	0.0
5/11/2024	119	10262	125	10819	0.0
6/11/2024	119	10308	126	10900	2.7
7/11/2024	125	10765	132	11405	2.5
8/11/2024	119	10273	126	10882	0.0
9/11/2024	114	9810	122	10564	0.0
10/11/2024	116	10005	124	10705	0.0
11/11/2024	136	11769	139	11987	9.3
12/11/2024	128	11054	132	11373	0.0
13/11/2024	134	11591	135	11684	0.0
14/11/2024	116	10057	123	10609	0.0
15/11/2024	112	9684	121	10460	1.4
16/11/2024	201	17370	183	15852	28.5
17/11/2024	149	12879	147	12726	1.7
18/11/2024	142	12305	142	12237	0.0
19/11/2024	131	11285	133	11520	0.0
20/11/2024	123	10591	127	10966	0.0
21/11/2024	128	11044	130	11252	1.8
22/11/2024	117	10113	124	10707	0.0
23/11/2024	117	10086	124	10672	0.0
24/11/2024	119	10323	125	10822	0.0
25/11/2024	123	10657	128	11022	1.5
26/11/2024	111	9564	120	10337	0.0
27/11/2024	108	9367	118	10164	0.3

28/11/2024	112	9645	119	10314	0.0
29/11/2024	105	9065	116	10031	0.0
30/11/2024	107	9248	117	10113	0.0
1/12/2024	115	9923	120	10348	0.0
2/12/2024	111	9578	118	10223	0.5
3/12/2024	108	9314	116	10016	0.0
4/12/2024	103	8895	112	9713	0.0
5/12/2024	110	9518	119	10282	3.6
6/12/2024	112	9639	120	10329	0.6
7/12/2024	114	9827	121	10422	0.0
8/12/2024	114	9808	119	10295	0.0
9/12/2024	113	9732	119	10307	0.5
10/12/2024	128	11057	132	11436	9.3
11/12/2024	114	9866	121	10424	0.0
12/12/2024	110	9539	118	10161	0.0
13/12/2024	106	9193	115	9939	0.7
14/12/2024	113	9773	119	10286	0.0
15/12/2024	111	9555	117	10141	0.0
16/12/2024	112	9677	119	10252	0.0
17/12/2024	119	10272	118	10216	2.9
18/12/2024	121	10413	130	11190	0.5
19/12/2024	114	9841	119	10309	0.0
20/12/2024	109	9392	116	10060	0.2
21/12/2024	116	10015	123	10665	1.1
22/12/2024	115	9925	121	10445	0.1
23/12/2024	116	10034	124	10689	0.9
24/12/2024	115	9974	122	10568	1.2
25/12/2024	116	10002	122	10549	0.0
26/12/2024	111	9549	118	10237	0.0
27/12/2024	111	9626	119	10263	2.8
28/12/2024	115	9939	120	10406	0.3
29/12/2024	113	9761	120	10383	0.0
30/12/2024	108	9348	117	10095	0.0

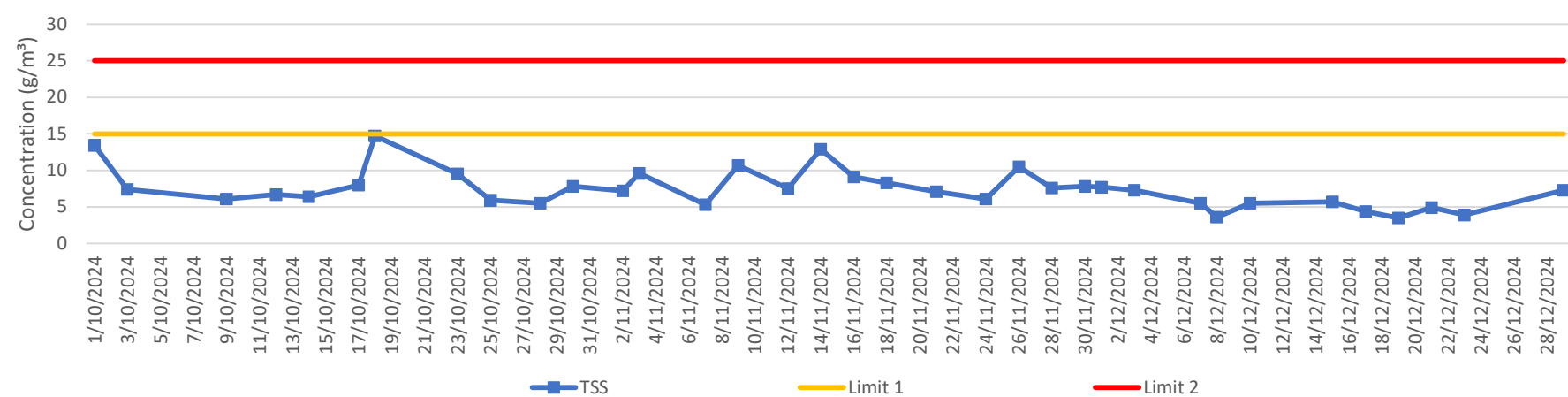


Quarterly compliance trending for the Paraparaumu WWTP effluent (Q1 2024/25)

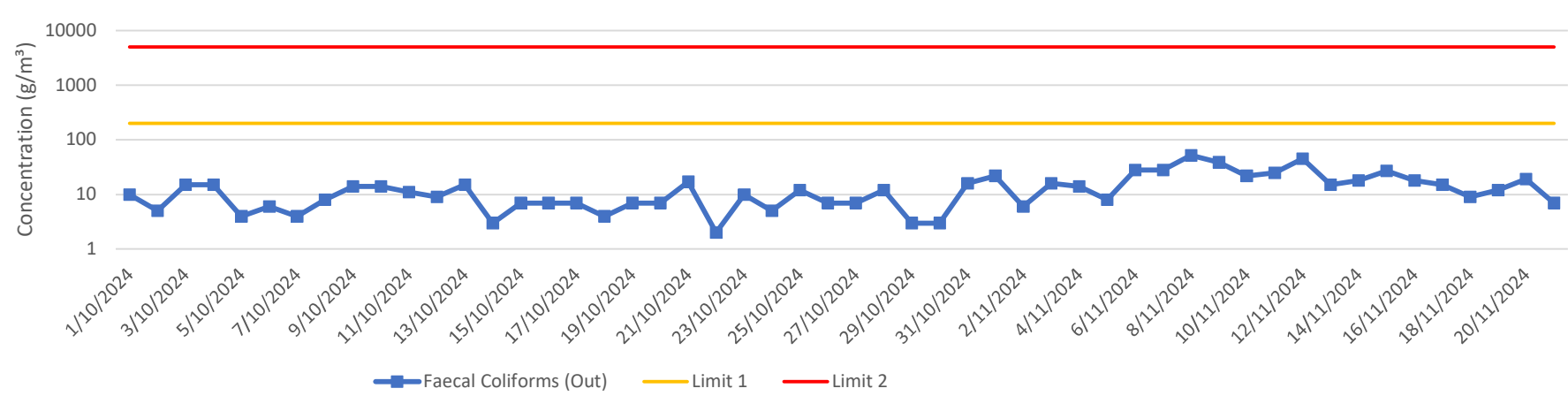
BOD5 Concentrations in PWWTP Effluent over Q1 (July 2024 - September 2024)



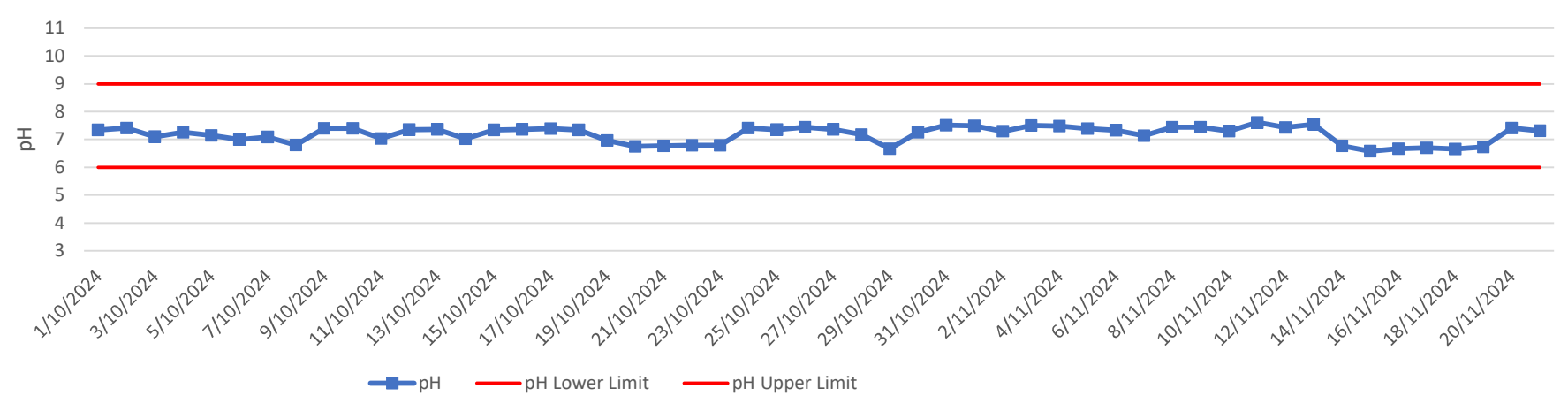
TSS Concentrations in PWWTP Effluent over Q1 (July 2024 - September 2024)



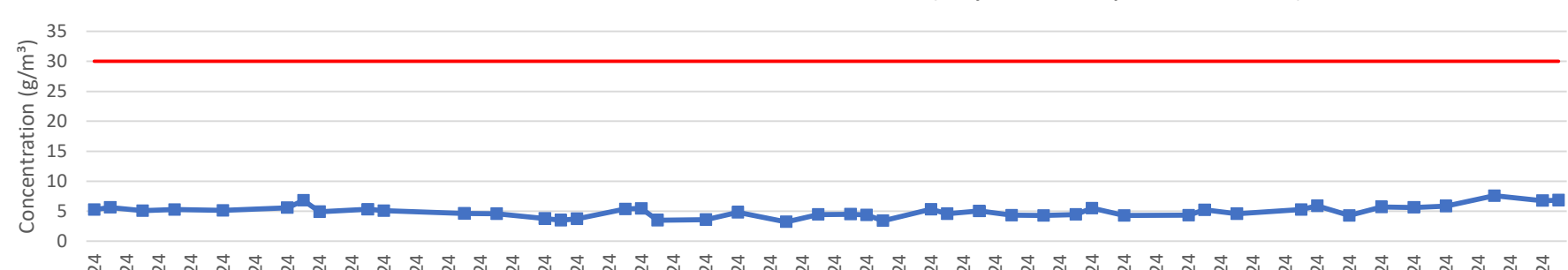
Faecal Coliform Levels in PWWTP Effluent over Q1 (July 2024 - September 2024)

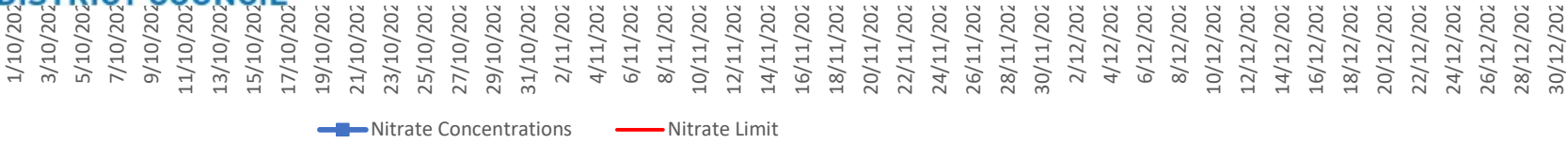


pH of PWWTP Effluent over Q1 (July 2024 - September 2024)

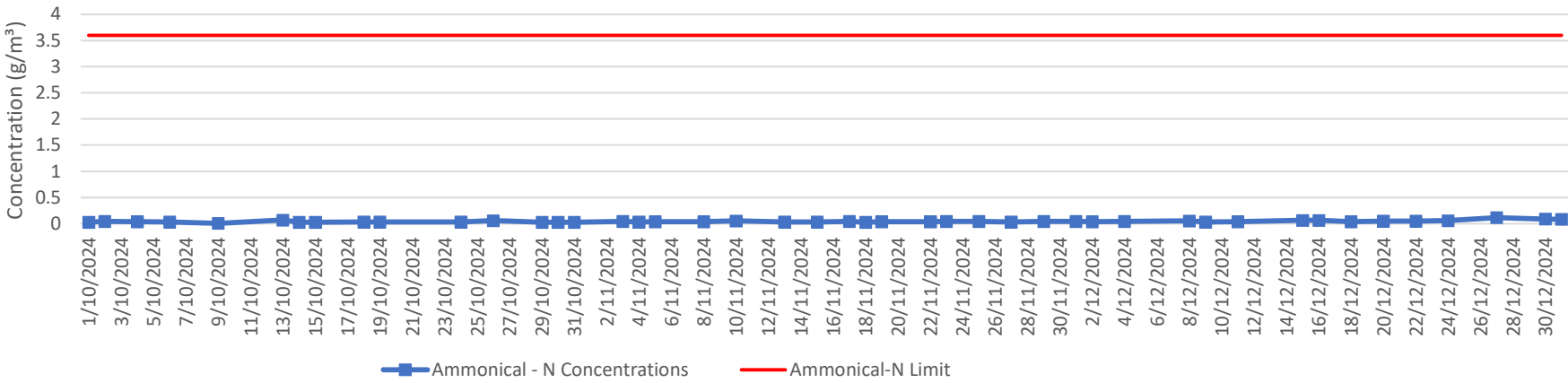


Nitrate Concentrations in PWWTP Effluent over Q1 (July 2024 - September 2024)





Ammoniacal Concentrations in PWWTP Effluent over Q1 (July 2024 - September 2024)



DO Concentrations in PWWTP Effluent over Q1 (July 2024 - September 2024)

