

Summary Compliance Report for Quarter				Quarter 1		
WGN970255[2656]	Parameter	Limit	Metric	July 2025	August 2025	September 2025
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	4.92	5.37	4.69
		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	4.22	4.11	4.74
		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	6	5	4
		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	7.3	7.1	7.4
Condition 18 (c)	Ammonia	Based on 36 consecutive samples, no more than 3 of 36 Ammonia samples exceed 3.6 g/m3.	Geometric mean	0.06		
Condition 18 (c)	Nitrates	Based on 36 consecutive samples, no Nitrate sample may exceed 30 g/m3.	Geometric mean	7.22		
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	7.21		
WGN970255 [34837]	Parameter	Limit		Compliant?	Compliant?	Compliant?
Purpose for Which Right is Granted	Stormbasin use	Permitted to use three 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		31	31	31	31	31
Geometric Mean						
YTD		60.92	5.04	32	7.23	4.29
Jul-25		62.99	4.92	31.56	7.88	4.22
Aug-25		57.62	5.37	28.62	7.21	4.11
Sept-25		63.30	4.69	41.55	6.28	4.74
Oct-25						
Maximum		79.4	11.4	86	10.5	9.7
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
1/07/2025	24h Comp	63.8	3.5	30	7.9	1.8
3/07/2025	24h Comp	79.4	11.4	32	10.5	9.7
5/07/2025	24h Comp	61.2	3.1	24	8.3	4.3
6/07/2025	24h Comp	60.4	4.3	26	8.7	2.3
9/07/2025	24h Comp	59.7	6.4	34	7.1	6.7
14/07/2025	24h Comp	65	3.1	39	7.2	2.8
17/07/2025	24h Comp	64.5	5	37	8.1	4.8
18/07/2025	24h Comp	59.7	7.5	34	8	4.2
22/07/2025	24h Comp	62.2	4.2	35	8.1	2.9
24/07/2025	24h Comp	64.1	6.2	38	8.9	5.3
25/07/2025	24h Comp	58	5	23	6	6.7
30/07/2025	24h Comp	60.3	3.9	32	6.7	4.8
2/08/2025	24h Comp	67.5	5.1	34	7.1	2.4
4/08/2025	24h Comp	59.3	5.6	12	5.7	6.3
5/08/2025	24h Comp	64.1	5.4	33	8.9	5.4
7/08/2025	24h Comp	61.4	4.8	40	8.2	6.3
9/08/2025	24h Comp	61.6	7.9	42	10.2	2.5
10/08/2025	24h Comp	61.3	7.1	20	8.4	3.5
14/08/2025	24h Comp	52.7	5.7	29	6.7	3.2
18/08/2025	24h Comp	44.5	5.8	28	5.9	7.9
21/08/2025	24h Comp	37.5	6.1	35	6.7	6.8
26/08/2025	24h Comp	63.3	3.1	27	6	2.5
28/08/2025	24h Comp	63.8	5.2	29	7.3	2.9
29/08/2025	24h Comp	63.4	4.3	30	6.7	4.1
2/09/2025	24h Comp	69.9	3.6	32	4.8	3.9
4/09/2025	24h Comp	65.6	5.4	39	5.8	6.4
7/09/2025	24h Comp	63.3	4.2	86	4	3.6
9/09/2025	24h Comp	62	6.4	57	9.6	5.2
13/09/2025	24h Comp	57.8	3.9	28	7.7	3.3
15/09/2025	24h Comp	61.2	4.8	39	8.4	5
16/09/2025	24h Comp	64	5.1	32	5.6	7

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	85	85	85	85	85	85
Geometric Mean	5	16.7	7.21	7.28	168.83	55.51
Jul-25	6	16.6	7.0	7.3	171.9	49.2
Aug-25	5	16.5	7.3	7.1	165.4	57.4
Sept-25	4	17.1	7.3	7.4	169.4	62.4
Maximum (Min for DO)	20	17.8	5.4	7.75	236	81.3
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
1/07/2025	Post UV Grab	4	17.2	7.15	7.31	164	55.8
2/07/2025	Post UV Grab	6	17	7.43	7.26	164	55.8
3/07/2025	Post UV Grab	4	17	6.32	7.31	192	53.1
4/07/2025	Post UV Grab	7	16.4	7.19	7.07	191	55.1
5/07/2025	Post UV Grab	1	16.6	7.83	7.29	190	52.3
6/07/2025	Post UV Grab	6	16.2	7.65	7.27	161	52.6
7/07/2025	Post UV Grab	8	16	7.51	7.33	176	45.2
8/07/2025	Post UV Grab	8	16.2	7.95	6.97	164	49.8
9/07/2025	Post UV Grab	4	16.2	6.92	7.05	163	51
10/07/2025	Post UV Grab	4	16.8	6.07	6.9	172	43.8
11/07/2025	Post UV Grab	9	17	7.65	7.32	160	47.3
12/07/2025	Post UV Grab	4	16.7	6.25	7.39	129	57.6
13/07/2025	Post UV Grab	10	16.6	7.9	7.2	204	38.2
14/07/2025	Post UV Grab	9	16.6	6.99	7.35	184	41.7
15/07/2025	Post UV Grab	9	16.8	7.2	7.4	181	42.9
16/07/2025	Post UV Grab	6	17	7.92	7.31	183	41.4
17/07/2025	Post UV Grab	14	16.7	6.62	7.52	176	42.1
18/07/2025	Post UV Grab	14	16.6	6.02	7.39	191	38.3
19/07/2025	Post UV Grab	20	16.5	5.4	7.65	212	36.3
20/07/2025	Post UV Grab	7	16.6	5.83	7.4	177	44.9
21/07/2025	Post UV Grab	6	17.1	5.9	7.7	169	46.4
22/07/2025	Post UV Grab	8	16.4	6.22	7.41	169	48.7
23/07/2025	Post UV Grab	5	16.3	7.49	7.46	165	50.7
24/07/2025	Post UV Grab	7	16.3	7.69	7.42	176	50.2
25/07/2025	Post UV Grab	11	16.3	7.8	7.35	170	51.7
26/07/2025	Post UV Grab	5	16	7.46	7.15	145	56.6
27/07/2025	Post UV Grab	3	16.3	6.76	7.08	164	64.2
28/07/2025	Post UV Grab	6	16.4	7.9	7.44	172	51.4
29/07/2025	Post UV Grab	4	16.4	7.36	7.33	149	62.8
30/07/2025	Post UV Grab	4	16.8	6.76	7.42	167	55.4
31/07/2025	Post UV Grab	6	16.8	8.11	7.42	172	57.5
1/08/2025	Post UV Grab	8	16.3	8.03	7.5	180	54.2
2/08/2025	Post UV Grab	10	16.2	6.65	7.6	168	56.2
3/08/2025	Post UV Grab	11	16.2	7.04	6.75	172	53.4
4/08/2025	Post UV Grab	9	16.2	8.16	7.42	175	50.9
5/08/2025	Post UV Grab	8	16.3	6.53	7.51	157	53.9
6/08/2025	Post UV Grab	2	16.4	8.34	7.38	166	54.7
7/08/2025	Post UV Grab	5	16.4	6.86	7.47	157	56.4
8/08/2025	Post UV Grab	8	16.4	7.72	7.4	159	52
9/08/2025	Post UV Grab	5	16	7.05	6.72	147	59.7
10/08/2025	Post UV Grab	13	15.6	7.86	7.34	196	53.1
11/08/2025	Post UV Grab	6	15.8	7.97	7.38	174	56.8
12/08/2025	Post UV Grab	11	16.9	7.23	7.3	178	55.9
13/08/2025	Post UV Grab	2	17.1	7.54	7.37	177	53.8
14/08/2025	Post UV Grab	16	16.1	7.61	6.91	171	53.9
15/08/2025	Post UV Grab	5	17.4	6.32	6.63	174	51.7
16/08/2025	Post UV Grab	3	16.5	8.33	6.74	178	52.9
17/08/2025	Post UV Grab	2	16.7	6.69	6.77	156	55.8
18/08/2025	Post UV Grab	9	16.7	5.65	6.69	181	52.5
19/08/2025	Post UV Grab	3	16.6	7.59	6.78	160	55.4
20/08/2025	Post UV Grab	5	16	7.33	6.71	165	59.3
21/08/2025	Post UV Grab	8	16.1	8.63	6.74	170	57.7
22/08/2025	Post UV Grab	6	16.1	7.76	6.73	174	57
23/08/2025	Post UV Grab	8	16.2	6.72	7.57	105	60
24/08/2025	Post UV Grab	4	16.4	7.11	7.5	152	53.4
25/08/2025	Post UV Grab	6	16.8	8.08	7.44	166	65.1
26/08/2025	Post UV Grab	5	16.9	7.6	7.1	169	62.8
27/08/2025	Post UV Grab	9	16.9	7.63	7.58	172	62.4
28/08/2025	Post UV Grab	5	16.5	6.63	6.83	170	63.9
29/08/2025	Post UV Grab	1	16.7	7.72	6.77	156	74.2
30/08/2025	Post UV Grab	2	16.9	6.93	7.63	164	66.4
31/08/2025	Post UV Grab	3	16.8	6.98	7.6	163	72.7
1/09/2025	Post UV Grab	7	16.3	6.92	7.51	192	60.4
2/09/2025	Post UV Grab	9	16.8	6.42	7.53	162	48.1
3/09/2025	Post UV Grab	6	16.8	8.17	7.57	166	54.4
4/09/2025	Post UV Grab	3	16.9	7.62	7.57	167	56.3
5/09/2025	Post UV Grab	1	17	7.32	7.58	164	55.6
6/09/2025	Post UV Grab	3	17	6.57	7.56	162	61.1
7/09/2025	Post UV Grab	3	16.8	7.32	7.62	165	63.2
8/09/2025	Post UV Grab	2	16.8	7.06	7.68	167	58
9/09/2025	Post UV Grab	3	16.6	7.66	7.52	160	62.1
10/09/2025	Post UV Grab	1	16.9	7.87	7.61	169	57.1
11/09/2025	Post UV Grab	8	16.7	7.75	7.35	183	59.5
12/09/2025	Post UV Grab	7	16.8	7.33	6.72	172	62.7
13/09/2025	Post UV Grab	3	16.8	6.32	6.77	162	64.1
14/09/2025	Post UV Grab	1	16.8	7.03	7.43	158	67.8
15/09/2025	Post UV Grab	6	17	9.24	6.93	173	63.4
16/09/2025	Post UV Grab	4	17.7	5.89	7.75	179	63.1
17/09/2025	Post UV Grab	7	17.8	6.96	7.52	155	73.5
18/09/2025	Post UV Grab	2	17.8	7.08	7.59	161	67.4
19/09/2025	Post UV Grab	6	17.8	6.76	7.5	174	66.8
20/09/2025	Post UV Grab	6	17.4	8.16	7.62	163	72.3
21/09/2025	Post UV Grab	19	17.1	7.4	7.53	156	81.3
22/09/2025	Post UV Grab	4	17.3	7.77	6.96	167	70.8
23/09/2025	Post UV Grab	11	17.4	8.25	7.44	236	55.4

Year-to-Date Trends

Paraparaumu WWTP - Flow Channel Grab Sampling

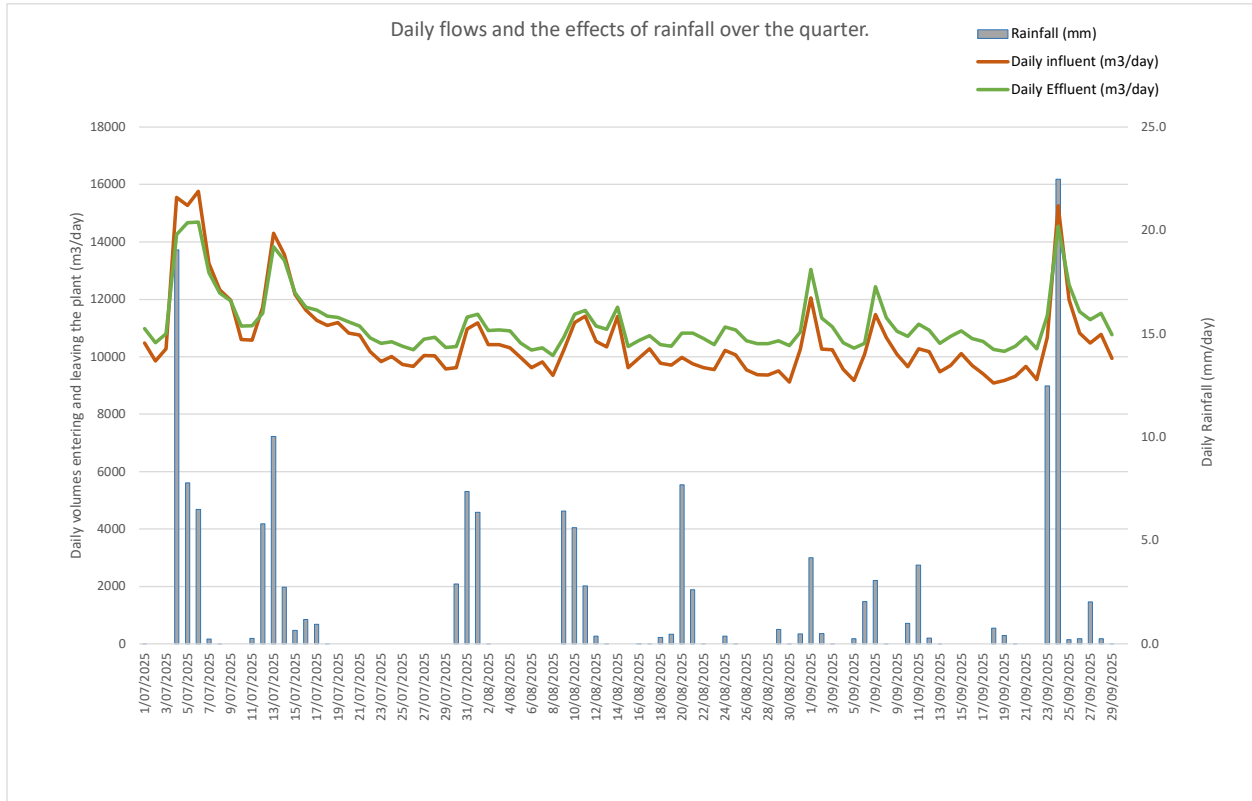
Parameter	Temperature at Time of Sampling	TSS	Total Ammonia-N	Nitrate-N	Nitrite-N	DRP	Total P
Units	°C	g/m³	g/m³	g/m³	g/m³	g/m³	g/m³
Limit 1 (Geometric Mean)			3.6	30			
Limit 2 (must not exceed for >1/12)							
Year-To-Date Summary							
Number of Samples	42	42	42	42	42	42	33
Geometric Mean	15.12	5.50	0.04	5.93	0.01	0.03	0.21
Jul-25	14.81	5.71	0.04	5.68	0.01	0.04	0.32
Aug-25	14.37	6.03	0.05	6.21	0.01	0.03	0.28
Sept-25	16.54	4.67	0.04	5.92	0.01	0.03	0.28
Maximum	18	12	0.06	7.22	0.036	0.35	0.54
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
1/07/2025	Flow Channel Grab	17.3	4.2	0.048	5.62	0.0075	0.346	
2/07/2025	Flow Channel Grab	15.6	4.8	0.045	6.49	0.0075	0.346	0.543
4/07/2025	Flow Channel Grab	15	5.6	0.053	4.27	0.021	0.025	0.187
6/07/2025	Flow Channel Grab	13.1	5.3	0.0075	4.48	0.0075	0.025	0.179
7/07/2025	Flow Channel Grab	13.6	5.2	0.033	5.28	0.0075	0.025	0.224
10/07/2025	Flow Channel Grab	14.5	6.2	0.035	6.3	0.0075	0.025	0.186
13/07/2025	Flow Channel Grab	16.4	5.6	0.045	4.46	0.0075	0.025	
15/07/2025	Flow Channel Grab	17	6.4	0.033	4.84	0.0075	0.025	0.224
18/07/2025	Flow Channel Grab	16.8	7.1	0.031	5.83	0.0075	0.025	0.266
19/07/2025	Flow Channel Grab	11.4	6	0.062	6.42	0.0075	0.025	0.243
23/07/2025	Flow Channel Grab	11.5	5.9	0.048	6.7	0.0075	0.025	0.232
25/07/2025	Flow Channel Grab	13	5.2	0.053	6.61	0.0075	0.025	0.219
26/07/2025	Flow Channel Grab	16.2	6.8	0.059	6.24	0.0075	0.248	0.312
30/07/2025	Flow Channel Grab	16.5	6.1	0.056	7.22	0.0075	0.025	
31/07/2025	Flow Channel Grab	16.2	6	0.056	5.48	0.0075	0.025	0.179
3/08/2025	Flow Channel Grab	6	5	0.057	6.16	0.0075	0.025	0.151
4/08/2025	Flow Channel Grab	16.2	6	0.048	6.82	0.0075	0.025	
5/08/2025	Flow Channel Grab	16.2	6.8	0.056	6.35	0.036	0.025	0.212
6/08/2025	Flow Channel Grab	15.8	5.7	0.039	5.96	0.0075	0.025	0.239
8/08/2025	Flow Channel Grab	16.2	5.2	0.044	6.51	0.0075	0.025	0.213
10/08/2025	Flow Channel Grab	15.8	6.1	0.041	6.01	0.0075	0.025	0.147
11/08/2025	Flow Channel Grab	17.4	5.9	0.037	6.21	0.015	0.025	0.175
15/08/2025	Flow Channel Grab	12.1	7.1	0.043	5.66	0.0075	0.025	0.235
17/08/2025	Flow Channel Grab	14.8	5	0.057	5.97	0.025	0.025	
19/08/2025	Flow Channel Grab	15.8	12	0.04	5.72	0.0075	0.025	0.265
22/08/2025	Flow Channel Grab	16.3	4.4	0.048	6.73	0.016	0.025	0.225
23/08/2025	Flow Channel Grab	16.4	9.3	0.052	6.39	0.0075	0.025	
27/08/2025	Flow Channel Grab	14.8	4.9	0.045	5.59	0.0075	0.025	0.192
29/08/2025	Flow Channel Grab	11.8	5.7	0.043	6.39	0.015	0.025	0.212
30/08/2025	Flow Channel Grab	15.8	4.8	0.057	6.86	0.021	0.025	0.199
1/09/2025	Flow Channel Grab	16.2	4.8	0.02	6.19	0.0075	0.025	
3/09/2025	Flow Channel Grab	16.4	4.7	0.039	5.24	0.0075	0.025	0.179
5/09/2025	Flow Channel Grab	17	4.3	0.04	5.67	0.0075	0.025	0.209
7/09/2025	Flow Channel Grab	16.7	2.9	0.05	4.89	0.0075	0.025	
8/09/2025	Flow Channel Grab	13.5	4.2	0.019	5.54	0.0075	0.025	0.142
10/09/2025	Flow Channel Grab	17	5.1	0.036	6.45	0.0075	0.025	0.169
14/09/2025	Flow Channel Grab	14.1	3.8	0.047	6.72	0.016	0.025	0.129
16/09/2025	Flow Channel Grab	17.5	3.7	0.037	5.54	0.0075	0.025	0.218
17/09/2025	Flow Channel Grab	18	4.7	0.044	5.92	0.0075	0.025	0.173
20/09/2025	Flow Channel Grab	17.8	4.9	0.053	6.18	0.0075	0.025	0.228
22/09/2025	Flow Channel Grab	17.8	7.8	0.032	6.67	0.0075	0.025	0.243
23/09/2025	Flow Channel Grab	17.2	7	0.036	6.38	0.0075	0.073	

Year-to-Date Trends

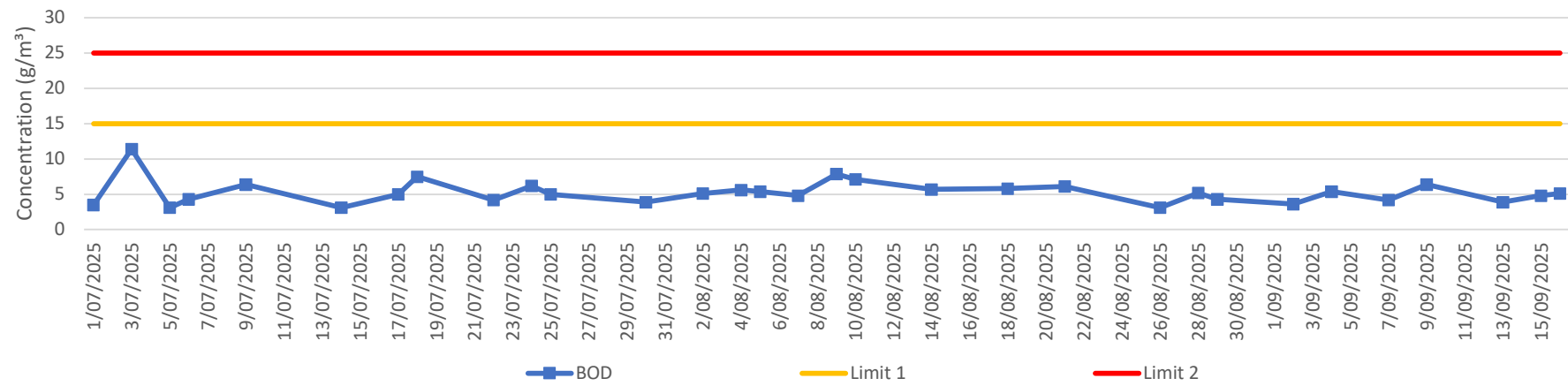
Paraparaumu WWTP - Quarterly Flow Data Jul-25 / Sept-25					
Location	Influent Flow		Effluent Flow		Rainfall
	Average rate	Total	Average rate	Total	Total
Limit				18600	
Units	L/s	m³/day	L/s	m³/day	mm
1/07/2025	121	10477	127	10975	0.0
2/07/2025	114	9852	121	10492	0.0
3/07/2025	119	10275	125	10799	0.0
4/07/2025	180	15546	165	14253	19.1
5/07/2025	177	15267	170	14666	7.8
6/07/2025	182	15757	170	14692	6.5
7/07/2025	153	13256	150	12931	0.2
8/07/2025	143	12332	141	12211	0.0
9/07/2025	139	11971	138	11955	0.0
10/07/2025	123	10602	128	11071	0.0
11/07/2025	122	10581	128	11076	0.3
12/07/2025	136	11725	133	11515	5.8
13/07/2025	166	14307	160	13834	10.0
14/07/2025	157	13551	155	13350	2.7
15/07/2025	141	12166	142	12231	0.7
16/07/2025	135	11631	136	11720	1.2
17/07/2025	130	11265	135	11627	0.9
18/07/2025	128	11091	132	11415	0.0
19/07/2025	130	11197	132	11368	0.0
20/07/2025	125	10826	130	11218	0.0
21/07/2025	124	10752	128	11074	0.0
22/07/2025	118	10179	123	10659	0.0
23/07/2025	114	9827	121	10472	0.0
24/07/2025	116	10013	122	10524	0.0
25/07/2025	113	9734	120	10365	0.0
26/07/2025	112	9661	119	10246	0.0
27/07/2025	116	10047	123	10612	0.0
28/07/2025	116	10037	124	10674	0.0
29/07/2025	111	9580	120	10330	0.0
30/07/2025	111	9621	120	10361	2.9
31/07/2025	127	10968	132	11389	7.4
1/08/2025	129	11182	133	11477	6.4
2/08/2025	121	10429	126	10912	0.0
3/08/2025	121	10417	127	10936	0.0
4/08/2025	119	10317	126	10902	0.0
5/08/2025	115	9971	121	10480	0.0
6/08/2025	111	9626	118	10235	0.0
7/08/2025	114	9824	119	10316	0.0
8/08/2025	108	9355	116	10043	0.0
9/08/2025	118	10226	124	10677	6.4
10/08/2025	130	11191	133	11475	5.6
11/08/2025	132	11413	134	11615	2.8
12/08/2025	122	10534	128	11061	0.4
13/08/2025	120	10350	127	10949	0.0
14/08/2025	132	11408	136	11726	0.0
15/08/2025	111	9620	120	10351	0.0
16/08/2025	115	9963	122	10562	0.0
17/08/2025	119	10283	124	10738	0.0
18/08/2025	113	9784	121	10421	0.3
19/08/2025	112	9707	120	10365	0.5
20/08/2025	116	9982	125	10825	7.7
21/08/2025	113	9752	125	10827	2.6
22/08/2025	111	9627	123	10633	0.0
23/08/2025	111	9554	121	10418	0.0
24/08/2025	118	10223	128	11038	0.4
25/08/2025	117	10071	127	10936	0.0
26/08/2025	110	9540	122	10560	0.0
27/08/2025	109	9377	121	10451	0.0
28/08/2025	108	9369	121	10456	0.0
29/08/2025	110	9509	122	10557	0.7
30/08/2025	106	9117	120	10387	0.0
31/08/2025	119	10257	126	10858	0.5
1/09/2025	139	12050	151	13033	4.2
2/09/2025	119	10262	131	11344	0.5
3/09/2025	119	10245	128	11045	0.0
4/09/2025	111	9564	121	10493	0.0
5/09/2025	106	9180	119	10291	0.2
6/09/2025	117	10084	121	10473	2.1

7/09/2025	133	11467	144	12443	3.1
8/09/2025	123	10664	131	11360	0.0
9/09/2025	117	10083	126	10890	0.0
10/09/2025	112	9654	124	10713	1.0
11/09/2025	119	10276	129	11136	3.8
12/09/2025	118	10176	126	10921	0.3
13/09/2025	110	9480	121	10473	0.0
14/09/2025	112	9698	124	10711	0.0
15/09/2025	117	10112	126	10904	0.0
16/09/2025	112	9698	123	10639	0.0
17/09/2025	109	9410	122	10541	0.0
18/09/2025	105	9086	119	10253	0.8
19/09/2025	106	9176	118	10192	0.4
20/09/2025	108	9322	120	10368	0.0
21/09/2025	112	9668	124	10693	0.0
22/09/2025	107	9211	119	10283	0.0
23/09/2025	124	10674	132	11434	12.5
24/09/2025	177	15259	168	14547	22.5
25/09/2025	139	11976	145	12512	0.2
26/09/2025	125	10827	134	11572	0.3
27/09/2025	121	10476	131	11293	2.0
28/09/2025	125	10778	133	11517	0.3
29/09/2025	115	9942	125	10769	0.0

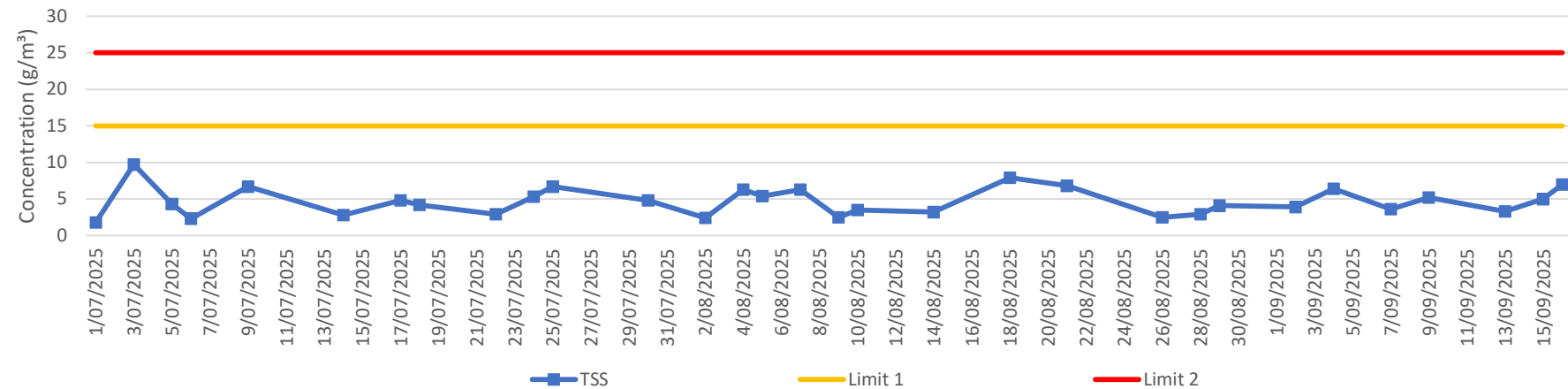


Quarterly compliance trending for the Paraparaumu WWTP effluent (Q1 2024/25)

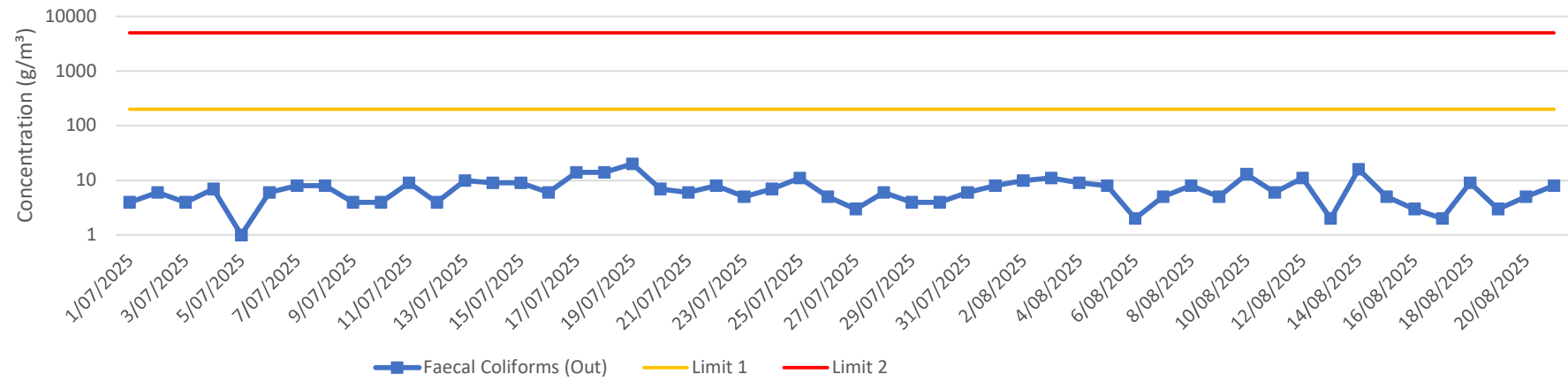
BOD5 Concentrations in PWWTP Effluent over Q1 (July 2024 - September 2024)



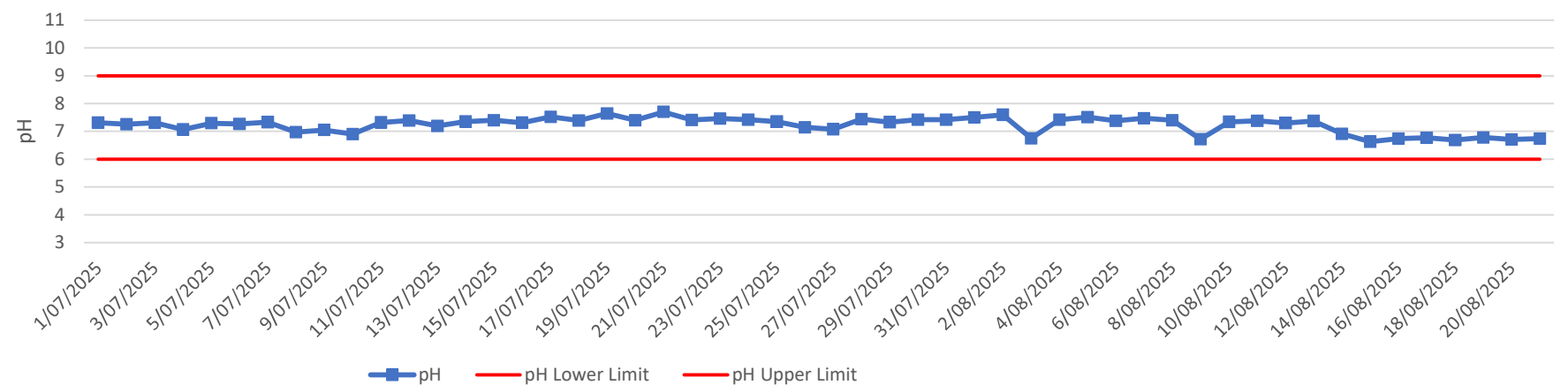
TSS Concentrations in PWWTP Effluent over Q1 (July 2024 - September 2024)



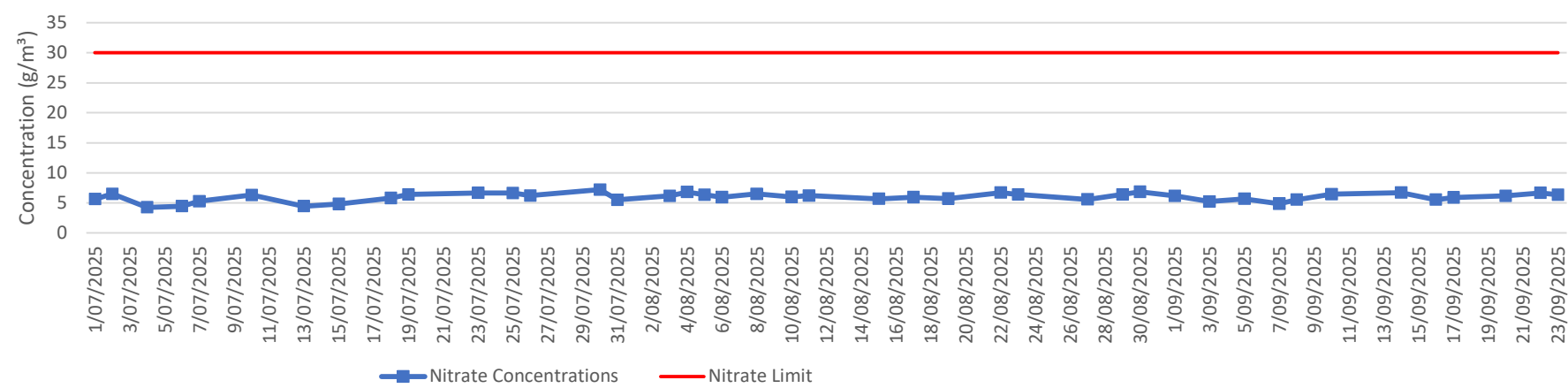
Faecal Colifom Levels in PWWTP Effluent over Q1 (July 2024 - September 2024)



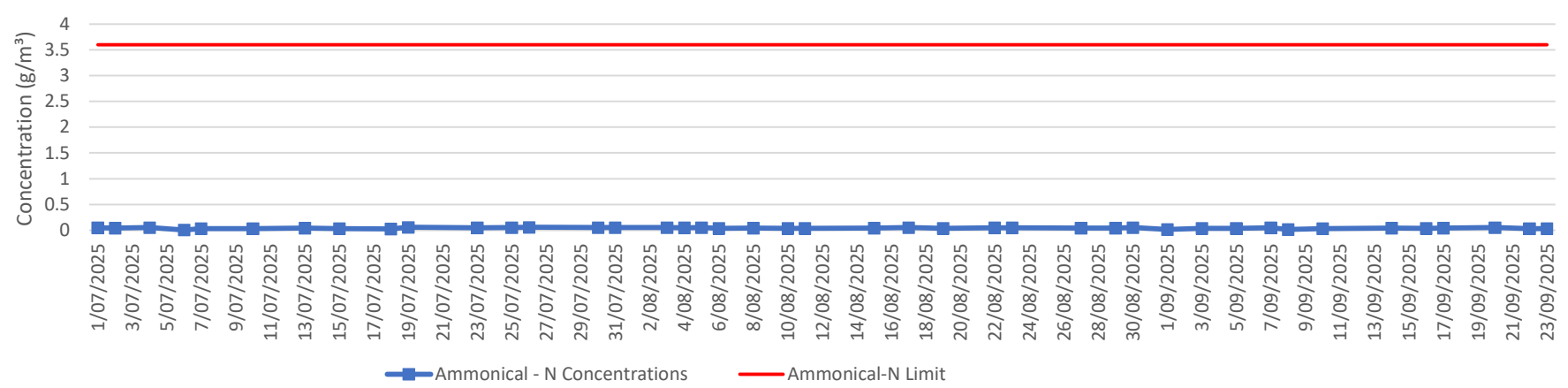
pH of PWWTP Effluent over Q1 (July 2024 - September 2024)



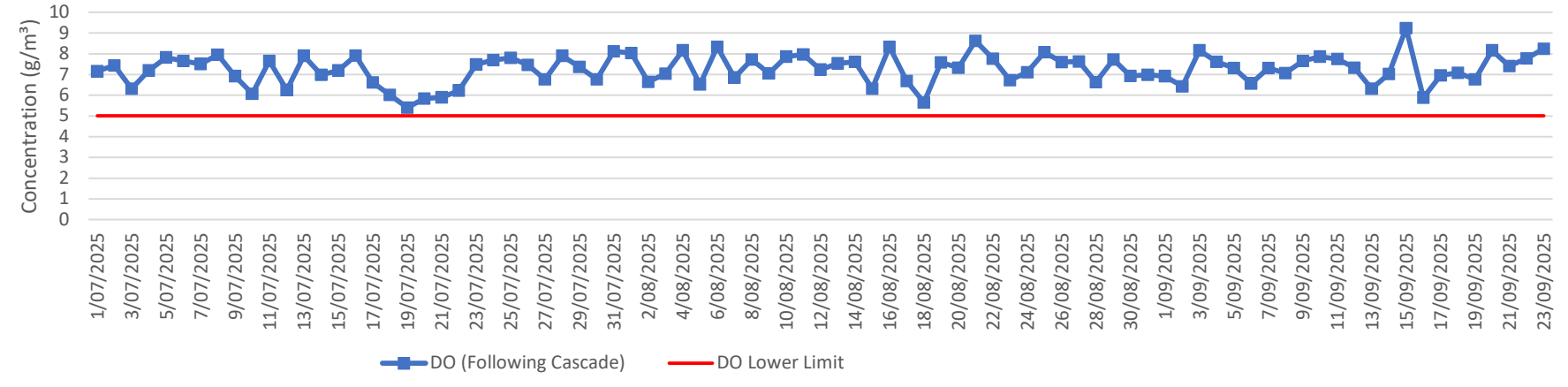
Nitrate Concentrations in PWWTP Effluent over Q1 (July 2024 - September 2024)



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



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



Paraparaumu WWTP - Quarterly Air Report										Report Month: September 2025	
Current Calendar C 3											
Quarter Start: 1/07/2025											
Quarter End: 30/09/2025											

	Boiler Combustion Chamber Temperature	Boiler Combustion Chamber Adjusted by 20%	Boiler Main Stack Exhaust Temperature	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	Biofilter Pressure	Biofilter Temperature
Date	°C	°C	°C	%			%	m³/h	%	m³/h	m³/m²/h	°C	0	°C
1/07/2025	682.3	818.8	242.9	11.4	-0.9	-330.2	58.1	1134.5	65.0	1354.2	494.3	16.2	8.9	14.7
2/07/2025	672.3	806.7	238.5	11.3	-1.0	-331.4	58.5	1142.9	65.0	1354.2	494.3	15.7	8.8	13.6
3/07/2025	678.4	814.1	241.6	11.2	-1.0	-325.0	57.6	1124.6	65.0	1354.2	494.3	19.2	10.2	15.7
4/07/2025	685.1	822.1	246.0	10.9	-1.0	-325.0	58.1	1135.8	65.0	1354.2	494.3	20.1	10.2	16.8
5/07/2025	683.2	819.9	248.3	11.0	-1.0	-326.8	58.8	1149.0	65.0	1354.2	494.3	19.4	10.0	16.5
6/07/2025	671.2	805.4	247.4	11.1	-1.0	-325.3	57.3	1118.9	65.0	1354.2	494.3	17.1	9.1	14.3
7/07/2025	654.1	785.0	248.4	11.3	-1.0	-326.9	57.5	1122.9	65.0	1354.2	494.3	16.1	8.8	13.7
8/07/2025	658.3	789.9	250.5	11.2	-1.0	-328.0	58.0	1132.4	65.0	1354.2	494.3	15.2	8.7	12.8
9/07/2025	671.5	805.8	256.2	10.8	-1.0	-331.5	59.6	1164.4	65.0	1354.2	494.3	16.3	8.6	14.1
10/07/2025	656.7	788.0	239.7	11.6	-1.0	-336.0	56.3	1100.3	65.0	1354.2	494.3	19.3	8.7	17.4
11/07/2025	692.2	830.6	243.2	11.1	-1.0	-339.1	59.8	1167.3	65.0	1354.2	494.3	19.8	9.3	16.5
12/07/2025	706.5	847.7	246.4	11.0	-1.0	-336.7	59.6	1163.6	65.0	1354.2	494.3	19.4	10.4	16.2
13/07/2025	699.7	839.7	246.4	11.1	-1.0	-332.7	59.2	1156.1	65.0	1354.2	494.3	19.1	9.9	16.1
14/07/2025	693.5	832.2	247.6	11.2	-1.0	-329.8	58.6	1144.5	65.0	1354.2	494.3	18.3	9.4	15.7
15/07/2025	655.2	786.2	236.3	11.9	-1.0	-312.3	54.8	1071.4	65.0	1354.2	494.3	18.7	9.2	15.9
16/07/2025	699.4	839.2	253.4	11.1	-1.0	-332.0	59.8	1168.0	65.0	1354.2	494.3	16.8	9.2	15.6
17/07/2025	680.1	816.1	251.9	11.4	-1.0	-330.3	59.2	1156.3	65.0	1354.2	494.3	16.9	9.1	14.9
18/07/2025	700.8	841.0	259.9	11.0	-1.0	-334.5	61.4	1198.0	65.0	1354.2	494.3	15.8	8.9	14.9
19/07/2025	700.1	840.1	261.2	11.0	-1.0	-335.7	61.9	1207.7	65.0	1354.2	494.3	16.7	8.8	14.8
20/07/2025	708.9	850.7	264.9	10.8	-1.0	-340.7	63.4	1237.0	65.0	1354.2	494.3	15.5	8.8	14.3
21/07/2025	699.6	839.5	266.0	10.9	-1.0	-341.5	63.1	1232.7	65.0	1354.2	494.3	14.3	8.7	13.2
22/07/2025	686.7	824.0	246.7	11.3	-1.0	-339.4	60.5	1182.2	65.0	1354.2	494.3	14.5	8.7	13.0
23/07/2025	675.0	810.0	245.2	11.2	-1.0	-341.9	61.2	1194.1	65.0	1354.2	494.3	13.7	8.7	12.6
24/07/2025	686.4	823.7	252.4	11.8	-1.0	-341.8	61.8	1206.4	65.0	1354.2	494.3	13.4	8.7	12.8
25/07/2025	707.0	848.4	242.5	12.5	-1.0	-336.1	59.5	1161.6	65.0	1354.2	494.3	12.6	8.6	12.1
26/07/2025	722.4	866.8	244.9	12.0	-1.0	-335.9	60.0	1171.4	65.0	1354.2	494.3	13.6	8.6	12.6
27/07/2025	715.9	859.0	250.3	11.5	-1.0	-336.4	61.0	1191.3	65.0	1354.2	494.3	16.9	8.5	15.0
28/07/2025	716.3	859.5	254.9	11.0	-1.0	-336.8	61.9	1208.6	65.0	1354.2	494.3	17.2	8.7	15.1
29/07/2025	728.4	874.1	257.5	10.7	-1.0	-337.8	62.7	1223.2	65.0	1354.2	494.3	19.4	8.9	15.7
30/07/2025	723.6	868.4	241.2	11.2	-1.4	-325.8	58.9	1150.6	65.0	1354.2	494.3	20.0	9.9	16.5
31/07/2025	710.7	852.8	237.4	11.5	-1.0	-316.5	57.7	1127.9	65.0	1354.2	494.3	17.1	10.0	14.6
1/08/2025	708.8	850.6	239.1	11.5	-1.0	-316.2	58.0	1132.6	65.0	1354.2	494.3	15.6	9.3	12.7
2/08/2025	704.5	845.4	240.9	11.4	-1.0	-316.0	59.0	1152.3	65.0	1354.2	494.3	16.1	9.0	12.8
3/08/2025	709.5	851.4	246.2	11.3	-1.0	-318.4	59.9	1170.4	65.0	1354.2	494.3	17.2	9.0	13.7
4/08/2025	719.2	863.1	251.3	11.1	-1.0	-320.0	60.7	1185.9	65.0	1354.2	494.3	17.4	8.9	14.5
5/08/2025	704.3	845.2	236.3	11.4	-1.0	-320.4	58.6	1145.0	65.0	1354.2	494.3	14.8	8.8	12.6
6/08/2025	702.7	843.2	236.9	11.1	-1.0	-321.9	59.5	1162.6	65.0	1354.2	494.3	15.1	8.6	12.8
7/08/2025	707.9	849.5	242.4	10.9	-1.0	-318.0	60.4	1178.5	65.0	1354.2	494.3	18.3	8.7	15.3
8/08/2025	730.7	876.8	247.4	10.6	-1.0	-311.4	61.4	1198.4	65.0	1354.2	494.3	19.2	9.5	15.4
9/08/2025	720.3	864.3	250.1	10.9	-1.0	-314.3	62.5	1219.2	65.0	1354.2	494.3	15.0	10.7	11.5
10/08/2025	724.7	869.7	255.2	10.8	-1.0	-312.7	62.7	1223.9	65.0	1354.2	494.3	15.0	10.3	11.7
11/08/2025	536.0	643.2	144.5	16.5	-0.8	-292.6	37.3	731.3	65.0	1354.2	494.3	13.9	9.6	12.2
12/08/2025	103.1	123.7	25.8	20.1	-1.3	-276.0	16.9	333.0	64.8	1349.5	492.6	10.7	9.6	11.9
13/08/2025	362.9	435.5	138.0	16.5	-0.1	-301.1	38.5	754.3	65.0	1354.2	494.3	12.8	9.3	12.9
14/08/2025	728.0	873.6	228.4	13.3	-1.0	-315.2	59.5	1161.3	65.0	1354.2	494.3	15.2	9.1	12.8
15/08/2025	879.7	1055.6	226.9	13.1	-0.9	-317.3	59.5	1162.0	65.0	1354.2	494.3	17.1	9.1	14.6
16/08/2025	735.1	882.1	231.7	12.8	-1.0	-320.0	60.6	1183.4	65.0	1354.2	494.3	16.7	9.0	14.3
17/08/2025	744.3	893.1	238.6	12.2	-1.0	-321.5	61.8	1206.2	65.0	1354.2	494.3	17.3	9.0	14.9
18/08/2025	739.1	886.9	230.4	11.5	-1.0	-325.0	60.2	1175.8	65.0	1354.2	494.3	18.1	9.1	15.0
19/08/2025	1235.8	1483.0	234.5	11.1	-1.0	-329.9	61.1	1193.6	65.0	1354.2	494.3	17.1	10.4	13.1
20/08/2025	733.8	880.6	238.6	11.0	-1.0	-325.1	60.0	1172.7	65.0	1354.2	494.3	16.3	10.2	12.6
21/08/2025	744.2	893.0	248.0	10.6	-1.0	-328.0	62.2	1213.8	65.0	1354.2	494.3	17.2	9.7	14.0
22/08/2025	719.1	862.9	233.7	11.4	-1.0	-326.5	59.6	1163.6	65.0	1354.2	494.3	15.7	9.5	12.9
23/08/2025	731.8	878.2	237.8	10.8	-1.0	-326.7	60.6	1182.8	65.0	1354.2	494.3	15.1	9.3	13.5
24/08/2025	747.2	896.6	244.2	10.5	-1.0	-323.0	61.5	1200.9	65.0	1354.2	494.3	15.6	9.2	14.0
25/08/2025	745.0	893.9	250.9	10.2	-1.0	-325.8	62.6	1221.8	65.0	1354.2	494.3	16.1	9.2	14.9
26/08/2025	742.2	890.7	252.4	10.3	-1.0	-326.6	62.7	1224.9	65.0	1354.2	494.3	16.7	9.1	15.1
27/08/2025	737.0	884.4	255.1	10.1	-1.0	-325.4	63.3	1235.4	65.0	1354.2	494.3	17.3	9.1	15.0
28/08/2025	712.9	855.5	231.7	11.2	-1.0	-320.6	58.0	1132.3	65.0	1354.2	494.3	18.5	9.2	14.8
29/08/2025	753.1	903.8	239.9	10.5	-1.0	-325.6	60.8	1186.8	65.0	1354.2	494.3	20.2	9.6	16.5
30/08/2025	547.1	656.6	180.2	15.9	-1.0	-311.7	49.1	960.3	65.0	1354.2	494.3	19.2	9.5	17.3
31/08/2025	99.8	119.7	45.2	19.3	-1.1	-276.3	22.7	447.0	65.0	1354.2	494.3	14.4	11.2	13.8
1/09/2025	369.0	442.8	156.8	15.4	-1.2	-318.5	43.0	841.9	65.0	1354.2	494.3	15.1	10.3	14.1
2/09/2025	694.9	833.8	242.8	13.4	-1.0	-335.1	60.7	1185.4	65.0	1354.2	494.3	18.2	9.7	16.2
3/09/2025	699.6	839.5	257.1	12.5	-1.0	-342.1	60.0	1249.2	65.0	1354.2	494.3	18.0	9.4	15.8
4/09/2025	708.6	850.3	267.7	12.2	-1.0	-345.8	66.2	1291.7	65.0	1354.2	494.3	20.0	9.3	16.5
5/09/2025	715.3	858.4	257.1	12.3	-0.9	-343.3	64.0	1250.1	65.0	1354.1	494.2	21.5	9.7	17.5
6/09/2025	715.3	858.4	258.3	12.3	-1.0	-343.5	64.4	1257.4	65.0	1354.2	494.3	18.7	11.0	16.0
7/09/2025	714.9	857.9	265.6	12.1	-1.0	-343.3	64.9	1266.3	65.0	1354.2	494.3	18.7	9.7	16.7
8/09/2025	723.2	867.9	277.0	11.8	-1.0	-344.8	66.1	1289.4	65.0	1354.2	494.3	17.7	9.4	16.3