

Paraparaumu WWTP - Quarterly Air Report
Current Calendar Q 4
Quarter Start: 1/10/2025
Quarter End: 31/12/2025

Report Month: December 2025

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 °C	Scrubber Pressure Out °C	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 °C	Biofilter Temperature °C
1/10/2025	707.2	848.6	250.4	12.1	-1.0	-333.8	59.5	1161.4	65.0	1354.2	494.2	20.2	9.4	16.5
2/10/2025	699.9	839.9	255.5	12.0	-1.0	-337.0	59.9	1170.8	65.0	1354.2	494.3	17.7	9.3	14.7
3/10/2025	718.4	862.1	266.9	11.1	-1.0	-338.5	62.3	1215.7	65.0	1354.2	494.3	20.7	9.6	19.2
4/10/2025	733.8	880.6	271.5	10.6	-1.0	-336.5	62.1	1212.4	65.0	1354.2	494.3	23.1	10.6	19.3
5/10/2025	731.8	878.2	274.4	10.6	-1.0	-336.2	62.1	1211.7	65.0	1354.2	494.3	21.9	10.1	18.4
6/10/2025	723.7	868.4	277.2	10.7	-1.0	-337.8	62.7	1223.1	65.0	1354.2	494.3	20.9	9.7	17.1
7/10/2025	721.1	865.3	279.3	10.7	-1.0	-338.2	62.7	1224.8	65.0	1354.2	494.3	21.1	9.9	18.8
8/10/2025	711.7	854.0	282.6	10.8	-1.0	-346.0	63.7	1242.8	65.0	1354.2	494.3	21.4	9.8	18.6
9/10/2025	709.2	851.0	286.4	10.7	-1.0	-350.7	64.7	1263.6	65.0	1354.2	494.3	22.4	10.1	18.9
10/10/2025	714.0	856.8	290.2	10.5	-1.0	-353.2	65.3	1274.9	65.0	1354.2	494.3	23.5	10.7	19.1
11/10/2025	720.4	864.5	295.4	10.4	-1.0	-356.8	66.3	1294.3	65.0	1354.2	494.3	23.3	12.4	18.4
12/10/2025	724.8	869.8	297.1	10.3	-1.0	-354.5	66.0	1288.5	65.0	1354.2	494.3	23.5	12.4	18.7
13/10/2025	717.8	861.3	299.5	10.2	-1.0	-354.8	66.5	1297.0	65.0	1354.2	494.3	22.3	11.6	18.3
14/10/2025	715.6	858.8	301.6	10.2	-1.0	-354.1	66.6	1299.0	65.0	1354.2	494.3	21.2	11.5	18.6
15/10/2025	699.6	839.5	296.5	10.5	-1.0	-347.2	64.0	1250.0	65.0	1354.2	494.3	20.4	10.5	18.3
16/10/2025	703.3	844.0	302.5	10.2	-1.0	-354.0	66.5	1297.8	65.0	1354.2	494.3	21.8	10.0	19.1
17/10/2025	701.0	841.2	306.6	10.2	-1.0	-355.8	67.9	1324.9	65.0	1354.2	494.3	19.3	9.7	18.1
18/10/2025	703.8	844.6	309.7	10.0	-1.0	-360.4	69.0	1346.4	65.0	1354.2	494.3	22.0	9.4	18.9
19/10/2025	708.1	849.7	314.7	9.8	-1.0	-364.4	70.8	1389.2	65.0	1354.2	494.3	23.7	9.9	19.8
20/10/2025	682.1	818.6	272.9	11.1	-1.0	-358.4	63.8	1244.6	65.0	1354.2	494.3	21.5	9.8	18.3
21/10/2025	694.9	833.9	256.7	10.6	-1.0	-358.0	61.9	1208.4	65.0	1354.2	494.3	23.0	10.0	19.2
22/10/2025	698.5	838.2	264.9	10.6	-1.0	-360.4	63.0	1230.7	65.0	1354.2	494.3	21.4	9.9	18.1
23/10/2025	700.5	840.6	270.1	10.5	-1.0	-358.0	63.0	1229.9	65.0	1354.2	494.3	22.9	10.4	18.7
24/10/2025	694.9	833.9	275.1	10.5	-1.0	-356.0	63.2	1233.4	65.0	1354.2	494.3	21.8	10.1	19.5
25/10/2025	687.2	824.6	278.2	10.5	-1.0	-355.8	64.0	1249.7	65.0	1354.2	494.3	21.9	9.7	19.3
26/10/2025	680.0	815.9	285.7	10.4	-1.0	-359.0	65.5	1277.8	65.0	1354.2	494.3	22.1	9.6	18.9
27/10/2025	689.3	827.2	292.3	10.2	-1.0	-361.2	66.9	1304.9	65.0	1354.2	494.3	22.6	10.5	18.1
28/10/2025	694.5	833.4	293.0	10.2	-1.0	-361.7	67.0	1307.4	65.0	1354.2	494.3	19.8	11.0	17.5
29/10/2025	684.8	821.7	290.3	10.6	-1.0	-358.0	64.9	1266.2	65.0	1354.2	494.3	19.9	10.3	17.7
30/10/2025	669.0	802.8	259.9	11.2	-1.0	-353.0	60.4	1179.3	65.0	1354.2	494.3	22.0	9.8	19.1
31/10/2025	680.4	816.5	256.6	10.8	-1.0	-353.2	61.1	1193.4	65.0	1354.2	494.3	22.0	9.5	20.6
1/11/2025	690.4	828.5	265.9	10.5	-1.0	-357.1	63.6	1240.8	65.0	1354.2	494.3	21.3	9.3	19.9
2/11/2025	695.9	835.1	270.9	10.3	-1.0	-355.2	63.2	1237.7	65.0	1354.2	494.3	21.2	9.2	18.9
3/11/2025	693.5	832.2	276.0	10.3	-1.0	-356.3	64.1	1250.5	65.0	1354.2	494.3	20.4	9.1	19.4
4/11/2025	684.7	821.6	277.6	10.4	-1.0	-355.3	63.8	1244.9	65.0	1354.2	494.3	19.5	9.0	18.5
5/11/2025	671.6	805.9	278.1	10.6	-1.0	-350.1	62.3	1215.4	65.0	1354.2	494.3	21.2	8.8	20.0
6/11/2025	685.8	822.9	287.6	10.3	-1.0	-354.5	64.7	1262.5	65.0	1354.2	494.3	22.7	8.8	20.0
7/11/2025	684.7	821.7	294.5	10.2	-1.0	-358.5	66.5	1297.5	65.0	1354.2	494.3	23.6	9.0	21.4
8/11/2025	686.8	824.2	298.0	10.2	-1.0	-360.6	67.7	1321.0	65.0	1354.2	494.3	23.2	8.9	20.9
9/11/2025	676.7	812.0	295.1	10.4	-1.0	-360.1	67.3	1313.3	65.0	1354.2	494.3	23.4	8.6	20.9
10/11/2025	697.0	836.4	299.1	10.1	-1.0	-357.6	66.7	1300.5	65.0	1354.2	494.3	23.5	8.7	21.3
11/11/2025	687.7	825.2	295.0	10.4	-1.0	-352.4	64.3	1255.4	65.0	1354.2	494.3	22.9	9.2	20.7
12/11/2025	686.6	824.0	299.5	10.2	-1.0	-352.8	64.6	1260.4	65.0	1354.2	494.3	22.3	9.0	21.8
13/11/2025	697.3	836.8	303.9	10.0	-1.0	-356.8	66.8	1303.7	65.0	1354.2	494.3	24.2	9.8	21.4
14/11/2025	700.0	840.0	307.2	9.9	-1.0	-357.2	67.2	1311.1	65.0	1354.2	494.3	23.4	9.4	21.8
15/11/2025	697.5	837.0	311.8	9.8	-1.0	-362.4	69.1	1347.2	65.0	1354.2	494.3	24.2	9.3	21.8
16/11/2025	696.0	835.2	311.3	9.9	-1.0	-365.7	69.3	1351.5	65.0	1354.2	494.3	22.5	8.9	20.9
17/11/2025	673.1	807.7	265.8	10.8	-1.0	-358.6	61.5	1201.2	65.0	1354.2	494.3	23.1	8.7	22.0
18/11/2025	665.4	798.5	249.0	10.9	-1.0	-353.8	56.1	1096.0	65.0	1354.2	494.3	24.3	8.5	23.2
19/11/2025	693.4	832.1	268.1	10.3	-1.0	-365.2	61.8	1208.8	65.0	1354.2	494.3	25.5	8.9	23.4
20/11/2025	684.9	821.9	268.3	10.6	-1.0	-362.0	60.5	1181.3	65.0	1354.2	494.3	24.2	9.2	21.9
21/11/2025	676.7	812.1	270.4	10.6	-1.0	-359.7	60.0	1172.5	65.0	1354.2	494.3	23.4	9.1	22.2
22/11/2025	676.8	812.2	274.5	10.5	-1.0	-358.3	60.0	1172.0	65.0	1354.2	494.3	22.5	8.9	22.5
23/11/2025	675.3	810.3	279.3	10.4	-1.0	-360.0	60.9	1189.2	65.0	1354.2	494.3	22.6	8.7	22.8
24/11/2025	674.0	808.8	282.2	10.5	-1.0	-362.0	61.7	1205.4	65.0	1354.2	494.3	21.6	8.7	22.3
25/11/2025	669.3	803.1	281.1	10.6	-1.0	-358.5	60.4	1178.9	65.0	1354.2	494.3	22.5	8.4	23.3
26/11/2025	672.6	807.1	282.9	10.6	-1.0	-356.2	59.9	1169.2	65.0	1354.2	494.3	25.3	8.4	23.3
27/11/2025	678.0	813.6	291.2	10.4	-1.0	-364.8	63.4	1236.9	65.0	1354.2	494.3	25.1	9.0	21.9
28/11/2025	683.1	819.7	297.1	10.2	-1.0	-366.8	64.3	1254.0	65.0	1354.2	494.3	25.7	10.5	23.2
29/11/2025	680.3	816.4	297.6	10.3	-1.0	-365.6	63.6	1241.4	65.0	1354.2	494.3	25.4	9.4	23.3
30/11/2025	674.6	809.5	296.2	10.3	-1.0	-361.8	62.3	1217.2	65.0	1354.2	494.3	25.3	9.3	22.8
1/12/2025	670.0	804.0	305.5	10.2	-1.0	-369.6	65.5	1278.3	65.0	1354.2	494.3	24.9	9.4	22.2
2/12/2025	665.1	798.1	274.8	10.5	-0.9	-367.8	62.4	1217.9	65.0	1354.2	494.3	24.6	9.2	23.1
3/12/2025	648.9	778.7	249.1	11.1	-1.0	-355.5	57.4	1121.4	65.0	1354.2	494.3	21.3	10.0	18.7
4/12/2025	637.7	765.3	251.2	11.3	-1.0	-348.1	55.4	1083.0	65.0	1354.2	494.3	21.7	10.0	20.8
5/12/2025	627.8	753.4	261.1	11.3	-1.0	-351.2	56.9	1112.1	65.0	1354.2	494.3	23.3	9.2	21.9
6/12/2025	652.0	782.4	273.4	10.7	-1.0	-355.6	58.4	1161.0	65.0	1354.2	494.3	25.2	9.2	21.6
7/12/2025	667.6	801.1	280.3	10.4	-1.0	-354.6	60.2	1175.3	65.0	1354.2	494.3	26.0	9.4	23.0
8/12/2025	667.9	801.5	285.2	10.5	-1.0	-358.9	60.0	1172.3	65.0	1354.2	494.3	25.9	9.2	23.8
9/12/2025	634.8	761.7	276.9	11.1	-1.0	-351.1	57.0	1113.5	65.0	1354.2	494.3	25.1	9.1	25.6
10/12/2025	673.1	807.7	299.7	10.2	-1.0	-367.3	63.1	1232.6	65.0	1354.2	494.3	22.3	9.0	23.7
11/12/2025	672.7	807.3	297.8	10.4	-1.0	-365.8	62.5	1220.8	65.0	1354.2	494.3	24.8	8.9	25.6
12/12/2025	674.0	808.8	303.6	10.4	-1.0	-371.4	64.5	1257.9	65.0	1354.2	494.3	23.3	8.7	23.7
13/12/2025	674.5	809.4	313.4	10.0	-1.0	-378.3	67.0	1307.5	65.0	1354.2	494.3	23.5	8.3	23.7
14/12/2025	679.3	815.2	319.0	9.8	-1.0	-381.2	68.5	1336.3	65.0	1354.2	494.3	23.1	8.2	24.4
15/12/2025	668.0	801.6	275.3	10.9	-1.0	-371.8	61.1	1194.0	65.0	1354.2	494.3	24.4	8.0	24.5
16/12/2025	702.9	843.5	272.6	10.1	-1.0	-375.0	62.2	1214.0	65.0	1354.2	494.3	21.8	8.6	20.9
17/12/2025	684.8	821.8	270.1	10.8	-1.0	-364.3	58.9	1150.8	65.0	1354.2	494.3	21.5	9.1	20.5
18/12														