

Paraparaumu WWTP - Quarterly Air Report

Current Calendar Q 1

Quarter Start:

1/01/2025

Quarter End:

31/03/2025

Report Month:

March 2025

Date	Boiler Combustion Chamber Temperature	Add 20%	Maintenance of Boiler	Boiler Outlet Temperature °C	Boiler Main Stack 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
1/01/2025	678.0	813.6		220.0	122.0	13.5	21.1	-276.8	63.5	1239.5	65.0	1354.2	23.7	23.8	8.0	21.5
2/01/2025	431.0	517.2	Maintanance	114.5	65.0	20.5	-0.9	-218.7	0.0	0.0	65.0	1354.2	23.7	21.0	8.1	18
3/01/2025	685.0	822.0		220.0	114.4	12.7	-0.5	-267.2	40.0	783.9	65.0	1354.2	23.7	20.6	10.0	19
4/01/2025	656.0	787.2		220.0	114.2	15.0	18.4	-281.2	52.2	1020.6	65.0	1354.2	23.7	19.0	10.7	16.5
5/01/2025	660.0	792.0		220.0	120.4	13.1	20.4	-280.3	48.5	948.9	65.0	1354.2	23.7	20.3	12.5	19
6/01/2025	660.0	792.0		220.0	117.5	13.7	17.3	-281.6	56.2	1098.2	65.0	1354.2	23.7	23.4	8.5	20.3
7/01/2025	665.0	798.0		220.0	116.3	13.4	13.7	-284.3	50.8	993.5	65.0	1354.2	23.7	19.7	12.1	18
8/01/2025	653.0	783.6		220.0	114.1	13.9	-1.8	-264.8	54.4	1063.3	65.0	1354.2	23.7	20.5	1.1	18.7
9/01/2025	661.0	793.2		220.0	118.3	13.4	12.9	-283.7	60.1	1173.7	65.0	1354.2	23.7	20.7	2.5	18.8
10/01/2025	662.0	794.4		220.0	118.7	14.7	15.0	-283.7	46.9	917.9	65.0	1354.2	23.7	19.0	7.8	18.4
11/01/2025	652.0	782.4		220.0	119.2	13.0	18.3	-283.5	56.2	1098.2	65.0	1354.2	23.7	20.5	7.2	17.6
12/01/2025	653.0	783.6		220.0	119.0	13.9	-1.0	-290.1	55.9	1092.3	65.0	1354.2	23.7	21.6	3.6	17.7
13/01/2025	655.0	786.0		220.0	121.2	12.7	0.4	-289.6	63.9	1247.2	65.0	1354.2	23.7	21.9	-0.4	17.8
14/01/2025	658.0	789.6		220.0	120.9	13.0	16.8	-282.8	46.4	908.2	65.0	1354.2	23.7	26.8	8.5	19.3
15/01/2025	650.0	780.0		220.0	122.8	14.0	2.7	-288.7	54.3	1061.3	65.0	1354.2	23.7	24.1	7.8	20.5
16/01/2025	656.0	787.2		220.0	120.2	12.7	9.3	-285.2	57.6	1125.3	65.0	1354.2	23.7	28.7	12.1	21.6
17/01/2025	668.0	801.6		220.0	123.4	13.1	20.1	-281.9	48.3	945.0	65.0	1354.2	23.7	28.6	7.1	20.9
18/01/2025	397.0	476.4	Boiler Fault Maintenance	79.0	54.7	20.4	-1.9	-214.9	0.0	0.0	65.0	1354.2	23.7	20.1	2.9	19.7
19/01/2025	92.0	110.4	Boiler Fault Maintenance	39.7	51.0	20.4	-8.3	-214.8	0.0	0.0	65.0	1354.2	23.7	19.5	7.0	19.5
20/01/2025	620.0	744.0	Boiler Fault Maintenance (reheating)	220.0	117.6	12.7	17.8	-281.4	42.3	828.6	65.0	1354.2	23.7	22.0	-0.2	21.1
21/01/2025	642.0	770.4	Daily Maintenance	220.0	112.3	13.9	6.9	-282.2	50.4	985.7	65.0	1354.2	23.7	22.6	1.4	20.8
22/01/2025	652.0	782.4		220.0	119.1	14.5	10.6	-283.3	46.6	912.0	65.0	1354.2	23.7	25.7	2.5	23
23/01/2025	625.0	750.0	Daily Maintenance	220.0	120.2	13.9	15.3	-282.7	48.7	952.8	65.0	1354.2	23.7	24.0	-0.3	22.1
24/01/2025	646.0	775.2	Daily Maintenance	220.0	118.4	13.9	-0.6	-269.1	50.8	993.5	65.0	1354.2	23.7	26.9	10.1	25.1
25/01/2025	673.0	807.6		220.0	120.1	13.1	-0.6	-269.9	42.5	832.5	65.0	1354.2	23.7	24.7	-0.2	22.6
26/01/2025	649.0	778.8	Daily Maintenance	220.0	110.5	12.7	-0.5	-253.0	40.0	783.9	65.0	1354.2	23.7	24.8	7.5	18.5
27/01/2025	649.0	778.8	Daily Maintenance	220.0	112.5	13.1	-0.1	-258.7	46.0	900.4	65.0	1354.2	23.7	26.1	3.1	19.5
28/01/2025	646.0	775.2	Daily Maintenance	220.0	120.2	12.8	-0.1	-272.3	40.1	785.8	65.0	1354.2	23.7	26.2	7.1	21.4
29/01/2025	653.0	783.6		220.0	123.4	14.3	0.0	-288.4	40.0	783.9	65.0	1354.2	23.7	23.2	2.2	21.7
30/01/2025	649.0	778.8	Daily Maintenance	220.0	123.5	12.8	10.2	-285.6	40.1	785.8	65.0	1354.2	23.7	23.8	1.1	22.1
31/01/2025	660.0	792.0		220.0	126.7	12.4	7.0	-287.0	46.3	906.2	65.0	1354.2	23.7	26.6	9.7	22.7
1/02/2025	654.0	784.8		220.0	127.0	12.1	14.7	-285.7	53.3	1042.0	65.0	1354.2	23.7	24.2	14.7	21.2
2/02/2025	665.0	798.0		220.0	127.3	12.6	4.0	-289.9	46.0	900.4	65.0	1354.2	23.7	22.7	13.4	20.9
3/02/2025	665.0	798.0		220.0	126.1	13.0	0.1	-289.4	62.2	1214.3	65.0	1354.2	23.7	23.4	2.8	21.3
4/02/2025	660.0	792.0		220.0	124.8	13.0	-1.1	-287.8	57.5	1123.3	65.0	1354.2	23.7	23.1	7.2	20.3
5/02/2025	656.0	787.2		220.0	125.8	12.4	5.6	-288.8	64.6	1260.8	65.0	1354.2	23.7	25.9	-0.3	23.4
6/02/2025	658.0	789.6		220.0	128.1	13.1	16.4	-284.1	54.2	1059.4	65.0	1354.2	23.7	28.2	4.3	22.2
7/02/2025	651.0	781.2		220.0	129.6	12.6	8.7	-286.5	57.1	1115.6	65.0	1354.2	23.7	28.9	1.3	24.1
8/02/2025	671.0	805.2		220.0	129.3	11.8	8.9	-289.3	62.2	1214.3	65.0	1354.2	23.7	31.8	0.9	23.7
9/02/2025	677.0	812.4		220.0	130.2	11.6	8.3	-287.2	74.2	1446.4	65.0	1354.2	23.7	28.3	8.2	23.8
10/02/2025	680.0	816.0		220.0	123.3	12.5	4.2	-291.8	65.8	1284.0	65.0	1354.2	23.7	20.9	5.7	20.7
11/02/2025	535.0	642.0	Maintanance	220.0	120.7	13.3	14.5	-287.3	69.0	1345.9	65.0	1354.2	23.7	23.0	2.9	21.5
12/02/2025	669.0	802.8		220.0	119.7	12.2	-2.5	-293.5	54.3	1061.3	65.0	1354.2	23.7	21.4	5.1	21.8
13/02/2025	655.0	786.0		220.0	116.9	12.3	5.0	-291.2	55.5	1084.6	65.0	1354.2	23.7	25.4	4.9	22.8
14/02/2025	672.0	806.4		220.0	121.5	12.3	7.4	-288.0	67.2	1311.1	65.0	1354.2	23.7	25.6	4.5	23.2
15/02/2025	683.0	819.6		220.0	124.0	13.6	0.5	-281.5	66.1	1289.8	65.0	1354.2	23.7	24.6	7.8	23.7
16/02/2025	677.0	812.4		220.0	125.1	12.3	14.7	-286.7	68.6	1338.2	65.0	1354.2	23.7	26.8	4.3	25.3
17/02/2025	675.0	810.0		220.0	121.8	12.4	-1.8	-273.7	85.7	1668.5	65.0	1354.2	23.7	31.2	9.1	25.3
18/02/2025	682.0	818.4		220.0	130.0	12.4	16.9	-285.6	69.2	1349.8	65.0	1354.2	23.7	27.9	1.0	24.2
19/02/2025	673.0	807.6		220.0	130.2	11.4	15.6	-287.7	70.1	1367.2	65.0	1354.2	23.7	25.1	0.9	22.8
20/02/2025	664.0	796.8		220.0	126.7	11.9	19.3	-288.1	72.4	1411.6	65.0	1354.2	23.7	18.0	6.0	17.7
21/02/2025	658.0	789.6		220.0	127.9	13.3	14.9	-288.8	79.1	1541.1	65.0	1354.2	23.7	25.1	4.9	21.2
22/02/2025	679.0	814.8		220.0	130.2	11.9	10.7	-291.8	75.6	1473.5	65.0	1354.2	23.7	31.1	5.4	22
23/02/2025	656.0	787.2		220.0	120.0	12.8	16.2	-288.4	46.6	912.0	65.0	1354.2	23.7	23.7	6.1	21.5
24/02/2025	689.0	826.8		220.0	120.8	12.6	-2.6	-274.0	49.5	968.3	65.0	1354.2	23.7	25.8	7.1	23.3
25/02/2025	672.0	806.4		220.0	123.5	12.4	16.7	-289.6	51.1	999.3	65.0	1354.2	23.7	21.7	5.5	20.8

26/02/2025	673.0	807.6		220.0	125.2	11.7	15.0	-290.5	40.0	783.9	65.0	1354.2	23.7	25.5	4.7	22.8
27/02/2025	679.0	814.8		220.0	122.8	12.2	17.6	-291.3	49.8	974.1	65.0	1354.2	23.7	21.3	4.4	22.4
28/02/2025	683.0	819.6		220.0	121.2	12.6	12.7	-293.8	51.7	1010.9	65.0	1354.2	23.7	23.3	11.7	22.4
1/03/2025	687.0	824.4		220.0	121.8	12.6	4.6	-296.6	53.7	1049.7	65.0	1354.2	23.7	24.2	5.0	22.9
2/03/2025	700.0	840.0		220.0	131.8	11.5	-2.1	-294.4	55.4	1082.7	65.0	1354.2	23.7	22.8	17.4	22.6
3/03/2025	689.0	826.8		220.0	127.9	11.8	16.1	-291.1	54.4	1063.3	65.0	1354.2	23.7	22.7	2.5	20.5
4/03/2025	666.0	799.2		220.0	127.1	11.5	17.1	-294.0	56.4	1102.0	65.0	1354.2	23.7	19.0	2.3	16.6
5/03/2025	660.0	792.0		220.0	125.9	12.0	15.5	-292.9	59.2	1156.3	65.0	1354.2	23.7	20.3	0.4	17.6
6/03/2025	662.0	794.4		220.0	127.2	12.2	15.3	-293.6	54.5	1065.2	65.0	1354.2	23.7	23.3	2.2	18.4
7/03/2025	676.0	811.2		220.0	129.3	10.5	16.8	-293.0	65.6	1280.1	65.0	1354.2	23.7	21.7	8.8	20.4
8/03/2025	684.0	820.8		220.0	130.3	12.8	19.0	-291.8	69.3	1351.7	65.0	1354.2	23.7	22.1	1.5	20.2
9/03/2025	684.0	820.8		220.0	128.5	11.2	16.3	-294.1	59.6	1164.0	65.0	1354.2	23.7	18.6	2.2	16.8
10/03/2025	702.0	842.4		220.0	127.4	11.4	14.7	-292.2	41.0	803.3	65.0	1354.2	23.7	28.2	10.5	21.9
11/03/2025	708.0	849.6		220.0	126.2	12.5	-1.0	-275.3	40.0	783.9	65.0	1354.2	23.7	21.9	5.7	18.9
12/03/2025	691.0	829.2		220.0	123.8	11.5	1.3	-298.5	81.4	1585.5	65.0	1354.2	23.7	25.9	14.9	17.4
13/03/2025	694.0	832.8		220.0	129.8	11.2	14.7	-294.0	63.2	1233.7	65.0	1354.2	23.7	31.0	3.8	21.8
14/03/2025	707.0	848.4		220.0	132.4	10.4	16.1	-293.9	53.6	1047.8	65.0	1354.2	23.7	26.9	2.1	22.2
15/03/2025	715.0	858.0		220.0	131.6	10.8	13.1	-294.9	40.0	783.9	65.0	1354.2	23.7	25.1	6.4	22.7
16/03/2025	708.0	849.6		220.0	133.3	10.0	12.9	-294.8	69.7	1359.4	65.0	1354.2	23.7	27.9	19.0	23.4
17/03/2025	685.0	822.0		220.0	123.9	11.2	12.8	-296.3	71.2	1388.4	65.0	1354.2	23.7	25.4	6.6	20.8
18/03/2025	667.0	800.4		220.0	121.1	12.2	9.7	-299.3	68.2	1330.4	65.0	1354.2	23.7	21.1	7.0	19.5
19/03/2025	666.0	799.2		220.0	115.3	12.4	-0.8	-283.6	53.2	1040.0	65.0	1354.2	23.7	23.3	7.2	19.1
20/03/2025	676.0	811.2		220.0	119.4	12.6	-1.1	-283.7	58.6	1144.6	65.0	1354.2	23.7	20.8	9.5	19
21/03/2025	696.0	835.2		220.0	120.7	11.6	-2.0	-295.8	52.6	1028.4	65.0	1354.2	23.7	24.1	11.2	21.2
22/03/2025	680.0	816.0		220.0	119.6	12.5	-0.5	-286.1	46.0	900.4	65.0	1354.2	23.7	25.3	14.0	22.2
23/03/2025	691.0	829.2		220.0	120.8	12.2	-2.0	-299.6	51.4	1005.1	65.0	1354.2	23.7	23.5	9.7	21.7
24/03/2025	679.0	814.8		220.0	127.7	12.5	17.6	-297.6	40.0	783.9	65.0	1354.2	23.7	20.8	6.1	19.3
25/03/2025	680.0	816.0		220.0	123.2	12.0	-1.0	-290.0	46.8	915.9	65.0	1354.2	23.7	20.1	5.8	18.6
26/03/2025	675.0	810.0		220.0	126.9	12.7	19.2	-297.0	52.3	1022.6	65.0	1354.2	23.7	24.3	2.6	21.7
27/03/2025	651.0	781.2		220.0	123.1	12.2	14.7	-300.7	49.8	974.1	65.0	1354.2	23.7	24.0	8.4	19.5
28/03/2025	662.0	794.4		220.0	123.8	12.1	11.2	-301.5	45.5	890.7	65.0	1354.2	23.7	19.6	10.2	17.6
29/03/2025	678.0	813.6		220.0	125.3	11.7	12.3	-300.8	52.3	1022.6	65.0	1354.2	23.7	20.6	13.1	18.6
30/03/2025	685.0	822.0		220.0	126.0	11.4	15.2	-299.8	54.1	1057.5	65.0	1354.2	23.7	20.7	15.2	19
31/03/2025	678.0	813.6		220.0	125.2	11.4	-1.4	-281.1	43.8	857.7	65.0	1354.2	23.7	24.4	15.2	21.9