

Paraparaumu WWTP - Quarterly Air Report

Report Month: December 2024

Current Calendar Q 4
Quarter Start: 1/10/2024
Quarter End: 31/12/2024
Condition 5:
Temperature
minimum (add
20%) 650C
No. exceedances 0

	Boiler Combustion Chamber Temperature	Add 20%	Boiler Outlet Temperature	Boiler Main Stack 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	0		°C	°C	%	0	0	%	m ³ /h	%	m ³ /h	m ³ /m ² /h	°C	0	°C
1/10/2024	702.4	842.9	0.0	286.1	11.6	-1.0	-265.3	64.0	1248.8	65.0	1354.2	494.3	21.5	8.3	
2/10/2024	649.5	779.4	0.0	261.7	12.4	11.9	-240.2	63.4	1237.8	65.0	1354.2	494.3	22.5	8.3	
3/10/2024	712.7	855.2	0.0	268.5	11.1	0.8	-255.9	57.0	1113.6	65.0	1354.2	494.3	23.5	8.4	
4/10/2024	685.1	822.2	0.0	249.2	11.5	7.4	-255.4	57.7	1126.3	65.0	1354.2	494.3	20.9	8.6	
5/10/2024	689.6	827.6	0.0	249.5	11.0	5.7	-261.0	58.5	1142.5	65.0	1354.2	494.3	21.5	8.3	
6/10/2024	708.9	850.7	0.0	261.0	10.5	7.8	-261.2	60.7	1186.3	65.0	1354.2	494.3	21.9	8.3	
7/10/2024	714.3	857.1	0.0	267.2	10.4	7.4	-261.7	61.2	1195.0	65.0	1354.2	494.3	21.7	9.4	
8/10/2024	713.2	855.9	0.0	269.8	10.6	5.8	-262.0	60.2	1176.3	65.0	1354.2	494.3	21.0	9.2	
9/10/2024	723.9	868.7	0.0	270.3	10.5	6.7	-260.9	60.2	1174.8	65.0	1354.2	494.3	20.1	9.1	
10/10/2024	682.5	819.0	0.0	236.9	12.2	4.7	-257.3	46.4	909.0	65.0	1353.9	494.2	19.1	8.9	
11/10/2024	669.9	803.9	0.0	245.4	13.2	7.4	-263.6	28.4	557.8	65.0	1354.2	494.3	18.6	8.6	
12/10/2024	674.7	809.6	0.0	253.0	11.5	6.3	-262.8	58.2	1136.1	65.0	1354.2	494.3	21.0	8.5	
13/10/2024	672.9	807.4	0.0	258.3	11.4	6.4	-263.4	59.1	1153.7	65.0	1354.2	494.3	20.0	8.5	
14/10/2024	661.9	794.2	0.0	259.8	11.7	6.3	-263.9	59.2	1155.4	65.0	1354.2	494.3	18.3	10.0	
15/10/2024	663.6	796.3	0.0	263.7	11.6	6.2	-264.3	59.3	1158.2	65.0	1354.2	494.3	18.7	9.4	
16/10/2024	657.1	788.5	0.0	266.6	11.8	5.7	-265.9	59.3	1158.4	65.0	1354.2	494.3	18.7	9.0	
17/10/2024	658.4	790.0	0.0	270.4	11.6	5.9	-264.5	59.3	1157.3	65.0	1354.2	494.3	18.3	8.8	
18/10/2024	675.0	810.0	0.0	276.7	11.2	5.3	-263.9	59.3	1158.7	65.0	1354.2	494.3	20.3	9.0	
19/10/2024	681.8	818.1	0.0	281.2	11.0	5.8	-264.1	60.1	1174.3	65.0	1354.2	494.3	21.4	9.1	
20/10/2024	691.0	829.2	0.0	286.6	10.8	7.8	-264.7	62.2	1214.3	65.0	1354.2	494.3	21.9	8.9	
21/10/2024	686.3	823.5	0.0	286.7	10.9	8.5	-265.0	63.1	1232.2	65.0	1354.2	494.3	21.2	9.3	
22/10/2024	671.8	806.2	0.0	282.2	11.2	4.4	-264.5	59.5	1162.7	65.0	1354.2	494.3	23.3	9.5	
23/10/2024	672.7	807.2	0.0	288.0	11.0	6.2	-265.9	61.6	1202.1	65.0	1354.2	494.3	23.1	9.2	
24/10/2024	685.2	822.3	0.0	291.5	10.8	7.7	-264.8	62.7	1223.1	65.0	1354.2	494.3	23.6	9.3	
25/10/2024	680.6	816.7	0.0	293.1	10.8	8.1	-265.2	63.3	1236.2	65.0	1354.2	494.3	23.7	9.4	
26/10/2024	686.5	823.8	0.0	295.5	10.7	7.8	-265.0	63.5	1239.9	65.0	1354.2	494.3	25.2	10.0	
27/10/2024	681.7	818.0	0.0	293.6	10.9	7.9	-265.2	63.5	1239.4	65.0	1354.2	494.3	22.9	10.9	
28/10/2024	678.5	814.2	0.0	295.2	10.8	9.3	-265.9	65.1	1270.0	65.0	1354.2	494.3	20.7	10.3	
29/10/2024	682.7	819.3	0.0	294.5	10.9	9.4	-267.0	64.9	1267.4	65.0	1354.2	494.3	21.3	10.7	
30/10/2024	682.6	819.1	0.0	294.1	10.8	9.9	-266.1	65.5	1277.5	65.0	1354.2	494.3	20.5	10.8	
31/10/2024	688.0	825.6	0.0	295.3	10.7	10.3	-266.5	65.9	1286.4	65.0	1354.2	494.3	21.8	10.4	
1/11/2024	688.2	825.8	0.0	296.8	10.5	11.0	-267.2	66.6	1299.0	65.0	1354.2	494.3	22.9	10.0	
2/11/2024	686.9	824.3	0.0	294.9	10.6	11.7	-267.0	66.9	1306.0	65.0	1354.2	494.3	22.3	10.0	
3/11/2024	668.2	801.8	0.0	287.3	11.2	13.9	-269.0	67.9	1325.2	65.0	1354.2	494.3	18.4	10.3	
4/11/2024	655.7	786.8	0.0	283.3	11.4	12.5	-269.1	66.0	1287.3	65.0	1354.2	494.3	19.1	9.6	
5/11/2024	642.6	771.1	0.0	252.1	11.9	10.0	-268.1	60.9	1189.8	65.0	1354.2	494.3	21.0	8.8	
6/11/2024	641.5	769.8	0.0	238.2	11.9	5.5	-270.2	57.0	1113.8	65.0	1354.2	494.3	21.8	9.5	
7/11/2024	651.8	782.2	0.0	242.6	12.3	2.0	-270.7	55.1	1077.2	65.0	1354.2	494.3	22.4	10.3	
8/11/2024	649.3	779.1	0.0	246.3	12.8	3.1	-272.0	56.4	1102.1	65.0	1354.2	494.3	23.8	10.0	
9/11/2024	645.4	774.5	0.0	249.7	12.8	2.9	-271.4	56.4	1102.1	65.0	1354.2	494.3	24.8	9.7	
10/11/2024	655.5	786.6	0.0	256.1	12.5	4.2	-271.3	57.9	1130.3	65.0	1354.2	494.3	23.4	10.9	
11/11/2024	662.7	795.3	0.0	258.1	12.5	4.3	-270.5	57.8	1129.6	65.0	1354.2	494.3	22.4	10.5	
12/11/2024	653.6	784.4	0.0	258.7	12.6	3.3	-271.6	57.2	1118.3	65.0	1354.2	494.3	21.9	9.7	
13/11/2024	658.2	789.8	0.0	263.2	12.3	4.5	-272.8	58.6	1144.4	65.0	1354.2	494.3	22.9	9.4	
14/11/2024	675.3	810.3	0.0	267.7	11.9	5.1	-271.2	59.1	1154.7	65.0	1354.2	494.3	25.2	9.3	
15/11/2024	689.5	827.4	0.0	270.4	11.7	7.0	-271.0	61.5	1200.7	65.0	1354.2	494.3	23.4	7.6	

16/11/2024	685.6	822.7	0.0	275.4	10.9	5.6	-271.3	65.5	1279.1	65.0	1354.2	494.3	21.3	10.8
17/11/2024	685.0	822.0	0.0	275.4	10.4	5.5	-271.4	69.0	1345.9	65.0	1354.2	494.3	21.0	9.9
18/11/2024	685.0	822.0	0.0	242.2	10.4	7.1	-265.3	69.0	1345.9	65.0	1354.2	494.3	19.8	9.4
19/11/2024	699.9	839.9	0.0	248.4	11.2	8.6	-270.9	64.2	1253.0	65.0	1354.2	494.3	20.2	9.2
20/11/2024	708.6	850.3	0.0	255.4	11.6	8.7	-270.0	60.9	1189.8	65.0	1354.2	494.3	22.1	9.3
21/11/2024	712.3	854.7	0.0	261.5	11.4	9.6	-270.0	61.7	1204.7	65.0	1354.2	494.3	20.9	9.4
22/11/2024	700.7	840.9	0.0	264.0	11.5	8.6	-270.6	61.4	1198.9	65.0	1354.2	494.3	19.8	9.0
23/11/2024	719.1	862.9	0.0	272.0	11.2	10.6	-269.4	63.4	1238.2	65.0	1354.2	494.3	22.0	8.8
24/11/2024	715.5	858.6	0.0	276.4	11.2	12.2	-269.9	65.2	1271.8	65.0	1354.2	494.3	21.9	8.8
25/11/2024	709.0	850.7	0.0	276.8	11.4	11.2	-270.3	64.4	1256.6	65.0	1354.2	494.3	22.8	8.7
26/11/2024	714.8	857.8	0.0	281.3	11.2	12.0	-271.2	65.8	1284.4	65.0	1354.2	494.3	23.3	8.7
27/11/2024	714.0	856.8	0.0	283.4	11.2	11.3	-271.7	65.6	1279.4	65.0	1354.2	494.3	23.5	8.7
28/11/2024	722.6	867.1	0.0	288.1	11.0	13.7	-271.6	67.9	1325.6	65.0	1354.2	494.3	22.5	8.5
29/11/2024	724.7	869.6	0.0	286.8	11.1	13.2	-271.1	67.6	1318.7	65.0	1354.2	494.3	22.9	8.5
30/11/2024	727.5	873.0	0.0	286.6	11.3	10.2	-271.9	65.0	1269.3	65.0	1354.2	494.3	23.9	8.5
1/12/2024	724.0	868.8	0.0	288.8	11.2	11.8	-272.4	66.5	1296.9	65.0	1354.2	494.3	22.8	8.3
2/12/2024	735.3	882.3	0.0	293.2	10.9	10.5	-272.6	65.8	1283.3	65.0	1354.2	494.3	25.1	8.3
3/12/2024	718.2	861.9	0.0	254.8	11.9	9.6	-271.6	61.1	1193.5	65.0	1354.2	494.3	24.6	8.3
4/12/2024	700.0	840.0	0.0	240.2	12.7	10.1	-272.9	60.6	1182.4	65.0	1354.2	494.3	23.8	8.4
5/12/2024	700.6	840.7	0.0	245.5	12.9	10.6	-273.2	61.3	1197.6	65.0	1354.2	494.3	23.1	8.7
6/12/2024	673.5	808.2	0.0	245.7	13.3	8.4	-274.0	59.9	1170.0	65.0	1354.2	494.3	23.7	8.7
7/12/2024	670.5	804.6	0.0	249.9	13.1	6.8	-274.8	59.4	1159.5	65.0	1354.2	494.3	24.0	8.4
8/12/2024	680.3	816.3	0.0	254.9	13.0	7.2	-275.6	60.2	1176.2	65.0	1354.2	494.3	23.7	8.3
9/12/2024	700.4	840.5	0.0	262.5	12.5	8.7	-274.1	61.7	1204.3	65.0	1354.2	494.3	24.2	9.2
10/12/2024	658.4	790.1	0.0	231.0	13.6	8.1	-268.0	56.1	1096.6	65.0	1354.2	494.3	23.8	8.7
11/12/2024	672.7	807.3	0.0	241.3	12.9	10.7	-272.9	60.9	1188.3	65.0	1354.2	494.3	23.4	8.6
12/12/2024	670.9	805.0	0.0	247.1	12.8	10.0	-272.5	61.2	1194.1	65.0	1354.2	494.3	23.0	8.5
13/12/2024	685.2	822.2	0.0	255.3	12.6	10.0	-274.1	62.2	1213.4	65.0	1354.2	494.3	24.4	8.6
14/12/2024	683.5	820.2	0.0	260.4	12.5	10.2	-274.5	62.3	1216.4	65.0	1354.2	494.3	24.8	8.4
15/12/2024	690.3	828.3	0.0	266.2	12.2	9.3	-273.7	61.8	1206.1	65.0	1354.2	494.3	25.5	8.4
16/12/2024	690.6	828.7	0.0	269.7	12.1	10.2	-273.9	62.9	1228.4	65.0	1354.2	494.3	24.3	8.7
17/12/2024	694.3	833.2	0.0	275.0	12.1	12.0	-275.5	65.0	1267.6	65.0	1354.2	494.3	20.8	9.6
18/12/2024	689.8	827.8	0.0	274.0	12.3	10.9	-275.8	64.0	1249.2	65.0	1354.2	494.3	21.3	9.0
19/12/2024	672.1	806.5	0.0	273.5	12.4	10.4	-275.1	63.8	1245.0	65.0	1354.2	494.3	22.4	8.8
20/12/2024	696.0	835.2	0.0	278.8	12.0	9.5	-275.0	63.9	1246.3	65.0	1354.2	494.3	23.2	8.7
21/12/2024	705.0	846.0	0.0	283.1	11.7	10.1	-274.4	64.5	1259.6	65.0	1354.2	494.3	25.8	8.6
22/12/2024	711.6	853.9	0.0	286.2	11.6	11.6	-275.1	66.3	1293.4	65.0	1354.2	494.3	24.8	8.5
23/12/2024	711.9	854.3	0.0	290.1	11.3	12.5	-274.4	67.0	1306.6	65.0	1354.2	494.3	25.1	8.6
24/12/2024	709.7	851.7	0.0	293.8	11.3	15.3	-275.0	69.9	1364.2	65.0	1354.2	494.3	25.5	8.6
25/12/2024	694.4	833.3	0.0	290.3	11.6	15.0	-275.1	69.0	1345.9	65.0	1354.2	494.3	25.3	8.3
26/12/2024	704.3	845.2	0.0	293.7	11.3	17.1	-275.4	71.4	1392.6	65.0	1354.2	494.3	24.3	8.3
27/12/2024	695.6	834.7	0.0	257.7	12.2	14.5	-277.3	65.4	1277.2	65.0	1354.2	494.3	22.9	8.9
28/12/2024	672.7	807.2	0.0	246.1	12.3	13.1	-278.2	63.8	1245.8	65.0	1354.2	494.3	22.9	8.2
29/12/2024	676.6	811.9	0.0	253.0	12.0	13.8	-278.6	65.0	1268.6	65.0	1354.2	494.3	23.8	8.0
30/12/2024	683.5	820.2	0.0	254.9	12.0	11.8	-278.0	63.7	1243.5	65.0	1354.2	494.3	25.2	8.0
31/12/2024	669.6	803.5	0.0	253.9	12.3	12.5	-279.2	64.2	1252.4	65.0	1354.2	494.3	21.8	8.4