



ANNEX D5

THERMAL OXIDIZER, LANDFILL GAS
FLARE AND LANDFILL GAS GENERATOR
STACK EMISSION MONITORING
RESULTS

TABLE D5.1 THERMAL OXIDISER STACK EMISSION MONITORING RESULTS

Parameters	Monitoring Results (July 2023)
NO ₂	0.92 gs ⁻¹
CO	0.02 gs ⁻¹
SO ₂	<0.01 gs ⁻¹
Benzene	<1.0 x 10 ⁻⁴ gs ⁻¹
Vinyl chloride	<7.0 x 10 ⁻⁵ gs ⁻¹
Exhaust gas velocity	5.8 ms ⁻¹
Parameters	Monitoring Results (August 2023)
NO ₂	0.14 gs ⁻¹
CO	0.03 gs ⁻¹
SO ₂	<0.01 gs ⁻¹
Benzene	<1.0 x 10 ⁻⁴ gs ⁻¹
Vinyl chloride	<9.0 x 10 ⁻⁵ gs ⁻¹
Non-Methane Organic Carbons	0.009 gs ⁻¹
Ammonia	0.0361 gs ⁻¹
Exhaust gas velocity	8.7 ms ⁻¹
Parameters	Monitoring Results (September 2023)
NO ₂	0.23 gs ⁻¹
CO	0.03 gs ⁻¹
SO ₂	0.92 gs ⁻¹
Benzene	<1.0 x 10 ⁻⁴ gs ⁻¹
Vinyl chloride	<1.0 x 10 ⁻⁴ gs ⁻¹
Exhaust gas velocity	8.1 ms ⁻¹

TABLE D5.2 THERMAL OXIDISER STACK CONTINUOUS MONITORING RESULTS

Date	Gas Combustion Temperature (°C)	Exhaust Temperature (K)	Exhaust Gas Velocity (ms ⁻¹) (a)	
1 Jul 23	938	1223	5.8	
2 Jul 23	916	1208		
3 Jul 23	944	1228		
4 Jul 23	902	1204		
5 Jul 23	919	1213		
6 Jul 23	929	1222		
7 Jul 23	933	1219		
8 Jul 23	896	1183		
9 Jul 23	910	1216		
10 Jul 23	905	1211		
11 Jul 23	951	1225		
12 Jul 23	950	1228		
13 Jul 23	941	1228		
14 Jul 23	932	1224		
15 Jul 23	935	1230		
16 Jul 23	914	1217		
17 Jul 23	901	1213		
18 Jul 23	906	1208		
19 Jul 23	913	1209		
20 Jul 23	871	1194		
21 Jul 23	Under Maintenance			
22 Jul 23	926	1223		
23 Jul 23	915	1206		
24 Jul 23	886	1198		
25 Jul 23	929	1219		
26 Jul 23	925	1219		
27 Jul 23	948	1222		
28 Jul 23	926	1212		
29 Jul 23	959	1225		
30 Jul 23	934	1215		
31 Jul 23	912	1206		
1 Aug 23	921	1224		
2 Aug 23	944	1228		
3 Aug 23	907	1218		
4 Aug 23	944	1222		
5 Aug 23	885	1180		

Date	Gas Combustion Temperature (°C)	Exhaust Temperature (K)	Exhaust Gas Velocity (ms ⁻¹) (a)
6 Aug 23	929	1221	8.7
7 Aug 23	921	1218	
8 Aug 23	903	1212	
9 Aug 23	895	1208	
10 Aug 23	898	1206	
11 Aug 23	931	1220	
12 Aug 23	917	1195	
13 Aug 23	939	1212	
14 Aug 23	923	1212	
15 Aug 23	930	1224	
16 Aug 23	937	1218	
17 Aug 23	924	1206	
18 Aug 23	910	1205	
19 Aug 23	933	1214	
12 Aug 23	917	1195	
13 Aug 23	939	1212	
14 Aug 23	923	1212	
15 Aug 23	930	1224	
16 Aug 23	937	1218	
17 Aug 23	924	1206	
18 Aug 23	910	1205	
19 Aug 23	933	1214	
15 Aug 23	930	1224	
20 Aug 23	955	1227	
21 Aug 23	Under Maintenance		
22 Aug 23	Under Maintenance		
23 Aug 23	Under Maintenance		
24 Aug 23	Under Maintenance		
25 Aug 23	Under Maintenance		
26 Aug 23	Under Maintenance		
27 Aug 23	Under Maintenance		
28 Aug 23	Under Maintenance		
29 Aug 23	Under Maintenance		
30 Aug 23	Under Maintenance		
31 Aug 23	922	1180	
1 Sep 23	917	1194	
2 Sep 23	911	1183	

Date	Gas Combustion Temperature (°C)	Exhaust Temperature (K)	Exhaust Gas Velocity (ms ⁻¹) (a)
3 Sep 23	921	1204	
4 Sep 23	917	1206	
5 Sep 23	914	1204	
6 Sep 23	915	1194	
7 Sep 23	933	1216	
8 Sep 23	907	1188	
9 Sep 23	913	1204	
10 Sep 23	927	1209	
11 Sep 23	922	1204	
12 Sep 23	924	1200	
13 Sep 23	926	1207	
14 Sep 23	934	1210	
15 Sep 23	918	1203	
16 Sep 23	926	1201	
17 Sep 23	939	1207	
18 Sep 23	903	1199	8.1
19 Sep 23	912	1202	
20 Sep 23	908	1200	
12 Sep 23	924	1200	
13 Sep 23	926	1207	
14 Sep 23	934	1210	
15 Sep 23	918	1203	
16 Sep 23	926	1201	
17 Sep 23	939	1207	
18 Sep 23	903	1199	
19 Sep 23	912	1202	
20 Sep 23	908	1200	
21 Sep 23	920	1201	
22 Sep 23	924	1209	
23 Sep 23	939	1208	
24 Sep 23	910	1206	
25 Sep 23	921	1209	
26 Sep 23	916	1208	
27 Sep 23	869	1193	
28 Sep 23	925	1191	
29 Sep 23	939	1214	
30 Sep 23	918	1218	

Date	Gas Combustion Temperature (°C)	Exhaust Temperature (K)	Exhaust Gas Velocity (ms⁻¹) (a)
Average	921	1210	7.5
Min	869	1180	5.8
Max	959	1230	8.7

Notes:

(a) The exhaust gas velocity was calculated based on the cross-section area of the stack and the gas flow and combustion temperature data measured during the stack emission monitoring.

TABLE D5.3 LANDFILL GAS FLARE STACK EMISSION MONITORING RESULTS

Parameters	Monitoring Results (July 2023)
	Flare 1 – F601
NO ₂	0.02 gs ⁻¹
CO	0.04 gs ⁻¹
SO ₂	0.03 gs ⁻¹
Benzene	1.34 x 10 ⁻⁴ gs ⁻¹
Vinyl chloride	<1.07 x 10 ⁻⁴ gs ⁻¹
Exhaust gas velocity	8.5 ms ⁻¹
Parameters	Monitoring Results (August 2023)
	Flare 1 – F601
NO ₂	<0.02 gs ⁻¹
CO	0.08 gs ⁻¹
SO ₂	0.06 gs ⁻¹
Benzene	<1.22 x 10 ⁻⁴ gs ⁻¹
Vinyl chloride	<0.98 x 10 ⁻⁵ gs ⁻¹
Non-Methane Organic Carbons	0.003 gs ⁻¹
Exhaust gas velocity	8.9 ms ⁻¹
Parameters	Monitoring Results (September 2023)
	Flare 1 – F601
NO ₂	<0.01 gs ⁻¹
CO	0.20 gs ⁻¹
SO ₂	0.02 gs ⁻¹
Benzene	<1.22 x 10 ⁻⁴ gs ⁻¹
Vinyl chloride	<9.7 x 10 ⁻⁵ gs ⁻¹
Exhaust gas velocity	9.1 ms ⁻¹

TABLE D5.4 LANDFILL GAS FLARE STACK CONTINUOUS MONITORING RESULTS

Date	Gas Combustion Temperature (°C)	Exhaust Temperature (K)	Exhaust Gas Velocity (ms ⁻¹) (a)	Operation Status
Flare 1 – F601				
1 Jul 23	870	1117	8.5	In Operation
2 Jul 23	870	1093		In Operation
3 Jul 23	860	1113		In Operation
4 Jul 23	880	1113		In Operation
5 Jul 23	840	1083		In Operation
6 Jul 23	880	1143		In Operation
7 Jul 23	870	1123		In Operation
8 Jul 23	880	1113		In Operation
9 Jul 23	860	1063		In Operation
10 Jul 23	880	1043		In Operation
11 Jul 23	860	1043		In Operation
12 Jul 23	880	1053		In Operation
13 Jul 23	840	1023		In Operation
14 Jul 23	830	1043		In Operation
15 Jul 23	820	1053		In Operation
16 Jul 23	880	1113		In Operation
17 Jul 23	830	1043		In Operation
18 Jul 23	860	1033		In Operation
19 Jul 23	870	1053		In Operation
20 Jul 23	930	1063		In Operation
21 Jul 23	880	1053		In Operation
22 Jul 23	880	1053		In Operation
23 Jul 23	830	1023		In Operation
24 Jul 23	870	1033		In Operation
25 Jul 23	850	1053		In Operation
26 Jul 23	860	1003		In Operation
27 Jul 23	860	1093		In Operation
28 Jul 23	860	1093		In Operation
29 Jul 23	920	1153		In Operation
30 Jul 23	910	1033		In Operation
31 Jul 23	870	1103		In Operation
1 Aug 23	877	1043	In Operation	
2 Aug 23	830	1023	In Operation	
3 Aug 23	835	993	In Operation	
4 Aug 23	850	1003	In Operation	

Date	Gas Combustion Temperature (°C)	Exhaust Temperature (K)	Exhaust Gas Velocity (ms ⁻¹) (a)	Operation Status
5 Aug 23	850	1043	8.9	In Operation
6 Aug 23	-	-		Under Maintenance
7 Aug 23	860	1033		In Operation
8 Aug 23	860	1023		In Operation
9 Aug 23	980	1133		In Operation
10 Aug 23	970	1063		In Operation
11 Aug 23	950	1103		In Operation
12 Aug 23	880	1053		In Operation
13 Aug 23	860	1033		In Operation
14 Aug 23	850	1043		In Operation
15 Aug 23	870	1023		In Operation
16 Aug 23	910	1093		In Operation
17 Aug 23	980	1083		In Operation
18 Aug 23	950	1123		In Operation
19 Aug 23	870	1053		In Operation
14 Aug 23	850	1043		In Operation
15 Aug 23	870	1023		In Operation
16 Aug 23	910	1093		In Operation
17 Aug 23	980	1083		In Operation
18 Aug 23	950	1123		In Operation
19 Aug 23	870	1053		In Operation
20 Aug 23	830	1023		In Operation
21 Aug 23	860	1053		In Operation
22 Aug 23	880	1063		In Operation
23 Aug 23	860	1053		In Operation
24 Aug 23	850	1063		In Operation
25 Aug 23	840	1043		In Operation
26 Aug 23	860	1073		In Operation
27 Aug 23	860	1053		In Operation
28 Aug 23	860	1063		In Operation
29 Aug 23	860	1053		In Operation
30 Aug 23	865	1085		In Operation
31 Aug 23	890	1073	In Operation	
19 Aug 23	870	1053	In Operation	
20 Aug 23	830	1023	In Operation	
21 Aug 23	860	1053	In Operation	
22 Aug 23	880	1063	In Operation	

Date	Gas Combustion Temperature (°C)	Exhaust Temperature (K)	Exhaust Gas Velocity (ms ⁻¹) (a)	Operation Status
23 Aug 23	860	1053		In Operation
24 Aug 23	850	1063		In Operation
25 Aug 23	840	1043		In Operation
26 Aug 23	860	1073		In Operation
27 Aug 23	860	1053		In Operation
28 Aug 23	860	1063		In Operation
29 Aug 23	860	1053		In Operation
30 Aug 23	865	1085		In Operation
31 Aug 23	890	1073		In Operation
1 Sep 23	843	1029		In Operation
2 Sep 23	852	1041		In Operation
3 Sep 23	859	1023		In Operation
4 Sep 23	954	1034		In Operation
5 Sep 23	874	979		In Operation
6 Sep 23	880	1003		In Operation
7 Sep 23	946	1074		In Operation
8 Sep 23	936	1106		In Operation
9 Sep 23	876	1047		In Operation
10 Sep 23	990	1151		In Operation
11 Sep 23	901	1127		In Operation
12 Sep 23	988	1149		In Operation
13 Sep 23	897	1055		In Operation
14 Sep 23	935	1024		In Operation
15 Sep 23	856	1046		In Operation
16 Sep 23	971	1085		In Operation
17 Sep 23	881	1012		In Operation
18 Sep 23	900	1082		In Operation
19 Sep 23	845	979		In Operation
20 Sep 23	844	1047		In Operation
21 Sep 23	892	1035		In Operation
22 Sep 23	833	1027		In Operation
23 Sep 23	861	1008		In Operation
13 Sep 23	897	1055		In Operation
14 Sep 23	935	1024		In Operation
15 Sep 23	856	1046		In Operation
16 Sep 23	971	1085		In Operation
17 Sep 23	881	1012	9.1	In Operation

Date	Gas Combustion Temperature (°C)	Exhaust Temperature (K)	Exhaust Gas Velocity (ms ⁻¹) (a)	Operation Status
18 Sep 23	900	1082		In Operation
19 Sep 23	845	979		In Operation
20 Sep 23	844	1047		In Operation
21 Sep 23	892	1035		In Operation
22 Sep 23	833	1027		In Operation
23 Sep 23	861	1008		In Operation
24 Sep 23	848	1010		In Operation
25 Sep 23	849	1041		In Operation
26 Sep 23	858	1037		In Operation
27 Sep 23	843	1025		In Operation
28 Sep 23	841	1034		In Operation
29 Sep 23	972	1044		In Operation
30 Sep 23	847	1032		In Operation
Average	878	1058		
Min	820	979		
Max	990	1153		
Flare 2 – F602				
1 Jul 23	880	1143		In Operation
2 Jul 23	840	1043		In Operation
3 Jul 23	830	1053		In Operation
4 Jul 23	860	1083		In Operation
5 Jul 23	860	1063		In Operation
6 Jul 23	840	1083		In Operation
7 Jul 23	880	1073		In Operation
8 Jul 23	860	1093		In Operation
9 Jul 23	400	-		Under Maintenance
10 Jul 23	880	1113		In Operation
11 Jul 23	860	1093		In Operation
12 Jul 23	880	1103		In Operation
13 Jul 23	850	1083		In Operation
14 Jul 23	830	1053		In Operation
15 Jul 23	850	1083		In Operation
16 Jul 23	860	1083		In Operation
17 Jul 23	830	1053		In Operation
18 Jul 23	840	1083		In Operation
19 Jul 23	900	1123		In Operation
20 Jul 23	870	1063	8.5	In Operation

Date	Gas Combustion Temperature (°C)	Exhaust Temperature (K)	Exhaust Gas Velocity (ms ⁻¹) (a)	Operation Status
21 Jul 23	870	1123		In Operation
22 Jul 23	840	1083		In Operation
23 Jul 23	830	1073		In Operation
24 Jul 23	830	1053		In Operation
25 Jul 23	860	1083		In Operation
26 Jul 23	840	1093		In Operation
27 Jul 23	830	1063		In Operation
28 Jul 23	870	1093		In Operation
29 Jul 23	840	1053		In Operation
30 Jul 23	150	-		Under Maintenance
31 Jul 23	850	1093		In Operation
1 Aug 23	830	1063		In Operation
2 Aug 23	840	1053		In Operation
3 Aug 23	890	1003		In Operation
4 Aug 23	830	1053		In Operation
5 Aug 23	860	1083		In Operation
6 Aug 23	860	1083		In Operation
7 Aug 23	900	1093		In Operation
8 Aug 23	830	1033		In Operation
9 Aug 23	870	1083		In Operation
10 Aug 23	870	1073		In Operation
11 Aug 23	880	1023		In Operation
12 Aug 23	930	1123		In Operation
13 Aug 23	850	1063		In Operation
14 Aug 23	820	1023		In Operation
15 Aug 23	860	1043		In Operation
16 Aug 23	820	1053		In Operation
17 Aug 23	860	1053		In Operation
18 Aug 23	840	1053		In Operation
19 Aug 23	820	1023		In Operation
20 Aug 23	840	1053		In Operation
21 Aug 23	840	1063		In Operation
22 Aug 23	870	1116		In Operation
23 Aug 23	840	1063		In Operation
24 Aug 23	830	1083		In Operation
25 Aug 23	830	1043		In Operation
26 Aug 23	890	1053	8.9	In Operation

Date	Gas Combustion Temperature (°C)	Exhaust Temperature (K)	Exhaust Gas Velocity (ms ⁻¹) (a)	Operation Status
27 Aug 23	860	1053		In Operation
28 Aug 23	850	1083		In Operation
29 Aug 23	880	1103		In Operation
30 Aug 23	840	1083		In Operation
31 Aug 23	890	1073		In Operation
1 Sep 23	939	1142		In Operation
2 Sep 23	917	1091		In Operation
3 Sep 23	953	1110		In Operation
4 Sep 23	948	1126		In Operation
5 Sep 23	988	1178		In Operation
6 Sep 23	946	1128		In Operation
7 Sep 23	968	1134		In Operation
8 Sep 23	948	1121		In Operation
9 Sep 23	926	1097		In Operation
10 Sep 23	952	1128		In Operation
11 Sep 23	889	1076		In Operation
12 Sep 23	899	1076		In Operation
13 Sep 23	922	1098		In Operation
14 Sep 23	931	1109	9.1	In Operation
15 Sep 23	914	1098		In Operation
16 Sep 23	929	1110		In Operation
17 Sep 23	931	1111		In Operation
18 Sep 23	938	1109		In Operation
19 Sep 23	942	1121		In Operation
20 Sep 23	948	1118		In Operation
21 Sep 23	941	1114		In Operation
22 Sep 23	931	1109		In Operation
23 Sep 23	941	1110		In Operation
24 Sep 23	952	1124		In Operation
25 Sep 23	928	1104		In Operation
26 Sep 23	943	1104		In Operation
27 Sep 23	940	1119		In Operation
28 Sep 23	950	1121		In Operation
29 Sep 23	919	1085		In Operation
30 Sep 23	912	1084		In Operation
Average	878	1058	9.0	
Min	820	979	8.5	

Date	Gas Combustion Temperature (°C)	Exhaust Temperature (K)	Exhaust Gas Velocity (ms ⁻¹) (a)	Operation Status
Max	990	1153	9.1	

Notes:

(a) The exhaust gas velocity was calculated based on the cross-section area of the stack and the gas flow and combustion temperature data measured during the stack emission monitoring.

TABLE D5.5 LANDFILL GAS GENERATOR STACK EMISSION MONITORING RESULTS

Parameters	Monitoring Results (July 2023)
NO ₂	0.032 gs ⁻¹
CO	0.678 gs ⁻¹
SO ₂	<0.001 gs ⁻¹
Benzene	3.4 x 10 ⁻⁵ gs ⁻¹
Vinyl chloride	<8.9 x 10 ⁻⁶ gs ⁻¹
Exhaust gas velocity	10.6 ms ⁻¹
Parameters	Monitoring Results (August 2023)
NO ₂	0.024 gs ⁻¹
CO	0.895 gs ⁻¹
SO ₂	<0.001 gs ⁻¹
Benzene	6.9 x 10 ⁻⁵ gs ⁻¹
Vinyl chloride	<1.1 x 10 ⁻⁵ gs ⁻¹
Non-Methane Organic Carbons	1.9 x 10 ⁻³ gs ⁻¹
Exhaust gas velocity	13.1 ms ⁻¹
Parameters	Monitoring Results (September 2023)
NO ₂	0.007 gs ⁻¹
CO	0.89 gs ⁻¹
SO ₂	0.001 gs ⁻¹
Benzene	1.5 x 10 ⁻⁴ gs ⁻¹
Vinyl chloride	<1.07 x 10 ⁻⁵ gs ⁻¹
Non-Methane Organic Carbons	13.0 ms ⁻¹

(a) The Landfill Gas Generator was under maintenance in the reporting period

TABLE D5.6 LANDFILL GAS GENERATOR STACK CONTINUOUS MONITORING RESULTS

Date	Exhaust temperature (K)	Exhaust gas velocity (ms ⁻¹) ^(a)	Operation Status (Landfill Gas Generator in Operation)
ENGA			
1 Jul 23	847	10.6	In Operation
2 Jul 23	848		In Operation
3 Jul 23	847		In Operation
4 Jul 23	847		In Operation
5 Jul 23	847		In Operation
6 Jul 23	846		In Operation
7 Jul 23	875		In Operation
8 Jul 23	846		In Operation
9 Jul 23	847		In Operation
10 Jul 23	846		In Operation
11 Jul 23	847		In Operation
12 Jul 23	846		In Operation
13 Jul 23	847		In Operation
14 Jul 23	846		In Operation
15 Jul 23	847		In Operation
16 Jul 23	846		In Operation
17 Jul 23	849		In Operation
18 Jul 23	845		In Operation
19 Jul 23	850		In Operation
20 Jul 23	-		Under Maintenance
21 Jul 23	-		Under Maintenance
22 Jul 23	844		In Operation
23 Jul 23	845		In Operation
24 Jul 23	843		In Operation
25 Jul 23	843		In Operation
26 Jul 23	843		In Operation
27 Jul 23	845		In Operation
28 Jul 23	848		In Operation
29 Jul 23	844		In Operation
30 Jul 23	843		In Operation
31 Jul 23	843		In Operation
1 Aug 23	866	In Operation	
2 Aug 23	848	In Operation	

Date	Exhaust temperature (K)	Exhaust gas velocity (ms ⁻¹) ^(a)	Operation Status (Landfill Gas Generator in Operation)
3 Aug 23	870	13.1	In Operation
4 Aug 23	876		In Operation
5 Aug 23	867		In Operation
6 Aug 23	847		In Operation
7 Aug 23	846		In Operation
8 Aug 23	849		In Operation
9 Aug 23	851		In Operation
10 Aug 23	861		In Operation
11 Aug 23	873		In Operation
12 Aug 23	876		In Operation
13 Aug 23	846		In Operation
14 Aug 23	874		In Operation
15 Aug 23	847		In Operation
16 Aug 23	873		In Operation
17 Aug 23	847		In Operation
18 Aug 23	876		In Operation
19 Aug 23	874		In Operation
20 Aug 23	847		In Operation
21 Aug 23	876		In Operation
22 Aug 23	875		In Operation
23 Aug 23	875		In Operation
24 Aug 23	874		In Operation
25 Aug 23	875		In Operation
26 Aug 23	875		In Operation
27 Aug 23	875		In Operation
28 Aug 23	875		In Operation
29 Aug 23	874		In Operation
30 Aug 23	-		Under Maintenance
31 Aug 23	872		In Operation
1 Sep 23	872		In Operation
2 Sep 23	845	In Operation	
3 Sep 23	853	In Operation	
4 Sep 23	875	In Operation	
5 Sep 23	876	In Operation	
6 Sep 23	878	In Operation	

Date	Exhaust temperature (K)	Exhaust gas velocity (ms ⁻¹) ^(a)	Operation Status (Landfill Gas Generator in Operation)	
7 Sep 23	895	13.0	In Operation	
8 Sep 23	877		In Operation	
9 Sep 23	879		In Operation	
10 Sep 23	886		In Operation	
11 Sep 23	884		In Operation	
12 Sep 23	876		In Operation	
13 Sep 23	877		In Operation	
14 Sep 23	878		In Operation	
15 Sep 23	876		In Operation	
16 Sep 23	877		In Operation	
17 Sep 23	876		In Operation	
18 Sep 23	877		In Operation	
19 Sep 23	881		In Operation	
20 Sep 23	877		In Operation	
21 Sep 23	877		In Operation	
22 Sep 23	847		In Operation	
23 Sep 23	846		In Operation	
24 Sep 23	847		In Operation	
25 Sep 23	845		In Operation	
26 Sep 23	844		In Operation	
27 Sep 23	844		In Operation	
28 Sep 23	844		In Operation	
29 Sep 23	844		In Operation	
30 Sep 23	844		In Operation	
Average	860		12.2	
Min	843		10.6	
Max	895		13.1	
ENGB				
1 Jul 23	844			In Operation
2 Jul 23	844			In Operation
3 Jul 23	843	In Operation		
4 Jul 23	843	In Operation		
5 Jul 23	845	In Operation		
6 Jul 23	843	In Operation		
7 Jul 23	-	Under Maintenance		

Date	Exhaust temperature (K)	Exhaust gas velocity (ms ⁻¹) ^(a)	Operation Status (Landfill Gas Generator in Operation)	
8 Jul 23	842	9.1	In Operation	
9 Jul 23	843		In Operation	
10 Jul 23	843		In Operation	
11 Jul 23	843		In Operation	
12 Jul 23	842		In Operation	
13 Jul 23	843		In Operation	
14 Jul 23	842		In Operation	
15 Jul 23	844		In Operation	
16 Jul 23	842		In Operation	
17 Jul 23	844		In Operation	
18 Jul 23	841		In Operation	
19 Jul 23	845		In Operation	
20 Jul 23	870		In Operation	
21 Jul 23	872		In Operation	
22 Jul 23	842		In Operation	
23 Jul 23	843		In Operation	
24 Jul 23	842		In Operation	
25 Jul 23	842		In Operation	
26 Jul 23	842		In Operation	
27 Jul 23	843		In Operation	
28 Jul 23	846		In Operation	
29 Jul 23	843		In Operation	
30 Jul 23	842		In Operation	
31 Jul 23	841		In Operation	
1 Aug 23	852		13.1	In Operation
2 Aug 23	865			In Operation
3 Aug 23	845			In Operation
4 Aug 23	843			In Operation
5 Aug 23	847			In Operation
6 Aug 23	845			In Operation
7 Aug 23	872			In Operation
8 Aug 23	874	In Operation		
9 Aug 23	850	In Operation		
10 Aug 23	875	In Operation		
11 Aug 23	843	In Operation		

Date	Exhaust temperature (K)	Exhaust gas velocity (ms ⁻¹) ^(a)	Operation Status (Landfill Gas Generator in Operation)
12 Aug 23	844		In Operation
13 Aug 23	845		In Operation
14 Aug 23	846		In Operation
15 Aug 23	846		In Operation
16 Aug 23	850		In Operation
17 Aug 23	870		In Operation
18 Aug 23	846		In Operation
19 Aug 23	847		In Operation
20 Aug 23	846		In Operation
21 Aug 23	846		In Operation
22 Aug 23	-		Under Maintenance
23 Aug 23	-		Under Maintenance
24 Aug 23	-		Under Maintenance
25 Aug 23	-		Under Maintenance
26 Aug 23	-		Under Maintenance
27 Aug 23	-		Under Maintenance
28 Aug 23	-		Under Maintenance
29 Aug 23	875		In Operation
30 Aug 23	874		In Operation
31 Aug 23	871		In Operation
1 Sep 23	871		In Operation
2 Sep 23	843		In Operation
3 Sep 23	-		Under Maintenance
4 Sep 23	-		Under Maintenance
5 Sep 23	-		Under Maintenance
6 Sep 23	-		Under Maintenance
7 Sep 23	-		Under Maintenance
8 Sep 23	-		Under Maintenance
9 Sep 23	-		Under Maintenance
10 Sep 23	-		Under Maintenance
11 Sep 23	-		Under Maintenance
12 Sep 23	-		Under Maintenance
13 Sep 23	-		Under Maintenance
14 Sep 23	-		Under Maintenance
15 Sep 23	-	13.0	Under Maintenance

Date	Exhaust temperature (K)	Exhaust gas velocity (ms ⁻¹) (a)	Operation Status (Landfill Gas Generator in Operation)
16 Sep 23	-		Under Maintenance
17 Sep 23	-		Under Maintenance
18 Sep 23	-		Under Maintenance
19 Sep 23	-		Under Maintenance
20 Sep 23	-		Under Maintenance
21 Sep 23	845		In Operation
22 Sep 23	844		In Operation
23 Sep 23	843		In Operation
24 Sep 23	843		In Operation
25 Sep 23	841		In Operation
26 Sep 23	841		In Operation
27 Sep 23	841		In Operation
28 Sep 23	869		In Operation
29 Sep 23	869		In Operation
30 Sep 23	841		In Operation
Average	849	11.7	
Min	841	9.1	
Max	875	13.1	

Notes:

(a) The exhaust gas velocity was calculated based on the cross-section area of the stack and the gas flow and combustion temperature data measured during the stack emission monitoring.