Table 1, Summary of Air Pollutant Standards and Terms

Lee County Department of Solid Waste Management — Draft/Proposed Permit No. 0710119-007-AV

Lee County Resource Recovery Facility — Facility ID No. 0710119

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

E.U. ID No.	Brief Description
001	Municipal Waste Combustor Unit 1
002	Municipal Waste Combustor Unit 2

The following apply to each individual emissions unit

Pollutant Name or Parameter	Fuel(s)	Hours/Year	Allowable Emissions Standard(s)	Allowable Emissions lbs./hour	Allowable Emissions TPY	Equivalent Emissions* lbs./hour	Equivalent Emissions* TPY	Regulatory Citation(s)	See permit condition(s)
PM/PM_{10}	MSW	8760	0.010 gr/dscf (equivalent to 24 mg/dscm), corrected to 7% O_2	5.34	21.30			40 CFR 60.33b(a)(1)(i) & PSD-FL-151	III.A.13.a. & b.
VE (opacity)	MSW	8760	10%, 6-minute average			N/A	N/A	40 CFR 60.33b(a)(1)(iii)	III.A.14.
Cd	MSW	8760	35 ug/dscm, corrected to 7% O_2	0.009	0.041			40 CFR 60.33b(a)(2)(i)	III.A.15.
Hg	MSW	8760	50 ug/dscm, corrected to 7% O_2 or	0.0271	0.118			40 CFR 60.33b(a)(3) & PSD-FL-151	III.A.16.a. & b.
			85% reduction by weight [1]					40 CFR 60.33b(a)(3)	III.A.16.a. & b.
			0.000138 lb/MMBtu	0.0379	0.166			PSD-FL-151	III.A.16.b.
Pb	MSW	8760	400 ug/dscm, corrected to 7% O_2	0.108	0.473			40 CFR 60.33b(a)(4) & PSD-FL-151	III.A.17.a. & b.
			0.0060 lb/MMBtu	0.165	0.66			PSD-FL-151	III.A.17.b.
SO_2	MSW	8760	29 ppmvd, corrected to 7% O_2 or			41.0	163.3	40 CFR 60.33b(b)(3)(i) & PSD-FL-151	III.A.18.
			80% reduction by weight or volume, 24-hour daily geometric mean [1]					40 CFR 60.33b(b)(3)(i) & PSD-FL-151	III.A.18.
HCl	MSW	8760	25 ppmvd, corrected to 7% O_2 or			17.7	77.5	40 CFR 60.33b(b)(3)(ii) & PSD-FL-151	III.A.19.
			95% reduction by weight or volume [1]					40 CFR 60.33b(b)(3)(ii) & PSD-FL-151	III.A.19.
Dioxin/Furan	MSW	8760	30 ng/dscm, corrected to 7% O_2	7.0×10^{-6}	2.8×10^{-5}			40 CFR 60.33b(c)(1)(iii) & PSD-FL-151	III.A.20.a.
			2.54×10^{-8} lb/MMBtu					PSD-FL-151	III.A.20.b.
NOx	MSW	8760	180 ppmvd, corrected to 7% O_2			80.0	320.0	40 CFR 60.33b(d) & PSD-FL-151	III.A.21.a.
			0.290 lb/MMBtu	80.0	320.0			PSD-FL-151	III.A.21.b.
CO	MSW	8760	100 ppmvd, corrected to 7% O_2, 4-hour block average			27.2	108	40 CFR 60.34b(a)	III.A.22.a.
			0.10 lb/MMBtu	27.2	108			PSD-FL-151	III.A.22.b.
VOC	MSW	8760	37 ppmvd, corrected to 7% O_2	5.80	23.0			PSD-FL-151	III.A.23.
			0.021 lb/MMBtu					PSD-FL-151	III.A.23.
SAM	MSW	8760	0.036 lb/MMBtu	9.85	39.3			PSD-FL-151	III.A.24.
F	MSW	8760	5.0 ppmvd, corrected to 7% O_2	0.96	3.8			PSD-FL-151	III.A.25.
			0.0035 lb/MMBtu					PSD-FL-151	III.A.26.
As	MSW	8760	9.1×10^{-6} lb/MMBtu	2.5×10^{-3}	0.01			PSD-FL-151	III.A.26.
ammonia slip	MSW	8760	50 ppmvd			12.25	53.66	PSD-FL-151	III.A.27.
VE - fugitive ash emissions		8760	5% of the observation period (i.e., 9 minutes per 3-hour period)			N/A	N/A	40 CFR 60.36b	III.A.28.
O_2/CO_2	MSW	8760	N/A			N/A	N/A	40 CFR 60.38b	III.A.35.

Notes:

"N/A" represents not applicable.

* The "Equivalent Emissions" listed are for informational purposes only. The "lbs./hour" equivalent emission values are based on a stack gas flow rate of 72,039 dscfm.

[1] Whichever is least stringent.

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E.U. ID No.	Brief Description
003	Lime Storage Silo for SDA
004	Ash Handling System

Pollutant Name or Parameter	Fuel(s)	Hours/Year	Allowable Emissions Standard(s)	lbs./hour	TPY	Equivalent Emissions* lbs./hour	Equivalent Emissions* TPY	Regulatory Citation(s)	See permit condition(s)
003 VE		8,760	<5%					PSD-FL-151, as amended	III.C.4.a.
004 VE (ash handling building baghouse)			5%					PSD-FL-151, as amended	III.C.4.b.
004 PM (ash handling building baghouse)		8,760	0.010 gr/dscf			2.12	9.28	PSD-FL-151, as amended	III.C.5.

Notes:

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E.U. ID No. 006 — **Brief Description** Municipal Waste Combustor Unit 3

Pollutant Name or Parameter	Fuel(s)	Hours/Year	Allowable Emissions Standard(s)	lbs./hour	TPY	Equivalent Emissions* lbs./hour	Equivalent Emissions* TPY	Regulatory Citation(s)	See permit condition(s)
PM/PM_{10}	MSW	8760	20.6 mg/dscm, corrected to 7% O_2	5.12	22.3			40 CFR 60.52b(a)(1)(i) & PSD-FL-151D	III.B.11.a. & b.
VE (opacity)	MSW	8760	10%, 6-minute average			N/A	N/A	40 CFR 60.52b(a)(2)	III.B.12.
Cd	MSW	8760	20 ug/dscm, corrected to 7% O_2	0.005	0.022			40 CFR 60.52b(a)(3)(i) & PSD-FL-151D	III.B.13.a. & b.
Hg	MSW	8760	28 ug/dscm, corrected to 7% O_2 or	0.0168	0.0736			40 CFR 60.52b(a)(5)(i) & PSD-FL-151D	III.B.14.b & c.
			85% reduction by weight [1]					40 CFR 60.52b(a)(5)(i)	III.B.14.b.
Pb	MSW	8760	200 ug/dscm, corrected to 7% O_2	0.05	0.22			40 CFR 60.52b(a)(4)(i) & PSD-FL-151D	III.B.15.a. & b.
SO_2	MSW	8760	26 ppmvd, corrected to 7% O_2 or	56.9	249.4			40 CFR 60.52b(b)(1) & PSD-FL-151D	III.B.16.a. & b.
			80% reduction by weight or volume, 24-hour daily geometric mean [1]					40 CFR 60.52b(b)(1)	III.B.16.a.
HCl	MSW	8760	25 ppmvd, corrected to 7% O_2 or	46.76	204.8			40 CFR 60.52b(b)(2) & PSD-FL-151D	III.B.17.a. & b.
			95% reduction by weight or volume [1]					40 CFR 60.52b(b)(2)	III.B.17.a.
Dioxin/Furan	MSW	8760	13 ng/dscm, corrected to 7% O_2	3.2×10^{-6}	1.4×10^{-5}			40 CFR 60.52b(c)(1) & PSD-FL-151D	III.B.18.a. & b.
NOx	MSW	8760	150 ppmvd, corrected to 7% O_2, 24-hour average					40 CFR 60.52b(d) & PSD-FL-151D	III.B.19.a. & b.
			110 ppmvd, corrected to 7% O_2, 12-month rolling average	70.8	289.4			PSD-FL-151D	III.B.19.b.
CO	MSW	8760	100 ppmvd, corrected to 7% O_2, 4-hour block average	28.73	100.6			40 CFR 60.53b(a) & PSD-FL-151D	III.B.20.a. & b.
			80 ppmvd, corrected to 7% O_2, 12-month rolling average	23.0	100.6			PSD-FL-151D	III.B.20.b.
SAM	MSW	8760	15 ppmvd, corrected to 7% O_2	15.1	66.1			PSD-FL-151D	III.B.21.
HF	MSW	8760	3.5 ppmvd, corrected to 7% O_2	0.718	3.145			PSD-FL-151D	III.B.22.
ammonia slip	MSW	8760	30 ppmvd, corrected to 7% O_2					PSD-FL-151D	III.B.23.
VE - fugitive ash emissions		8760	5% of the observation period (i.e., 9 minutes per 3-hour period)			N/A	N/A	40 CFR 60.55b	III.B.24.
O_2/CO_2	MSW	8760	N/A			N/A	N/A	40 CFR 60.58b(b)	III.B.31.

Notes:

"N/A" represents not applicable.

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[1] Whichever is least stringent.