Table 1, Summary of Air Pollutant Standards and Terms

Solid Waste Authority of Palm Beach County
North County Regional Resource Recovery Facility

Revised Draft/Proposed Permit No. 0990234-020-AV
Facility ID No. 0990234

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 Solid Waste Boiler No. 1
002	Municipal Solid Waste Boiler No. 2
019	Ash Building and Handling System

The following apply to each individual emissions unit

Pollutant Name or Parameter	Fuel(s)	Hours/Year	Allowable Emissions Standard(s)	lbs./hour	TPY	Equivalent Emissions* lbs./hour	TPY	Regulatory Citation(s)	See permit condition(s)
PM	MSW	8,760	25 mg/dscm, corrected to 7% O_2			11.06	48.47	40 CFR 60.33b(a)(1)(i) and PSD-FL-108A	III.A.9.
VE (opacity)	MSW	8,760	10%, 6-minute average			N/A	N/A	40 CFR 60.33b(a)(1)(iii) and PSD-FL-108A	III.A.10.
Cd	MSW	8,760	35 ug/dscm, corrected to 7% O_2			0.02	0.07	40 CFR 60.33b(a)(2)(i)	III.A.11.
Hg	MSW	8,760	50 ug/dscm, corrected to 7% O_2 or			0.02	0.1	40 CFR 60.33b(a)(3) and PSD-FL-108A	III.A.12.
		8,760	85% reduction by weight [1]					40 CFR 60.33b(a)(3) and PSD-FL-108A	III.A.12.
Pb	MSW	8,760	400 ug/dscm, corrected to 7% O_2			0.18	0.78	40 CFR 60.33b(a)(4) and PSD-FL-108A	III.A.13.
SO_2	MSW	8,760	29 ppmvd, corrected to 7% O_2 or			34.16	149.76	40 CFR 60.33b(b)(3)(i) and PSD-FL-108A	III.A.14.
		8,760	75% reduction by weight or volume, 24-hour daily geometric mean [1]					40 CFR 60.33b(b)(3)(i) and PSD-FL-108A	III.A.14.
HCl	MSW	8,760	25 ppmvd, corrected to 7% O_2 or			16.76	73.47	40 CFR 60.33b(b)(3)(ii) and PSD-FL-108A	III.A.15.
		8,760	95% reduction by weight or volume [1]					40 CFR 60.33b(b)(3)(ii) and PSD-FL-108A	III.A.15.
Dioxin/Furan	MSW	8,760	35 ng/dscm, corrected to 7% O_2			1.55E-05	6.79E-05	40 CFR 60.33b(c)(1)(iii) and PSD-FL-108A	III.A.16.
NOx	MSW	8,760	250 ppmvd, corrected to 7% O_2			211.49	927.15	40 CFR 60.33b(d) and PSD-FL-108A	III.A.17.
CO	MSW	8,760	200 ppmvd, corrected to 7% O_2, 24-hour block avg. and			103.1	451.54	40 CFR 60.33b(b)(3)(ii) and PSD-FL-108A	III.A.18.a.
		8,760	400 ppmvd, corrected to 7% O_2, 4-hour block avg.			-	-	40 CFR 60.33b(b)(3)(ii) and PSD-FL-108H	III.A.18.b.
VOC	MSW	8,760	1.6E-02 lb/MMBtu			6.84	29.96	PSD-FL-108A	III.A.19.
VE - fugitive ash emissions		8,760	5% of the observation period (i.e., 9 minutes per 3-hour period)			N/A	N/A	40 CFR 60.36b	III.A.20.
O_2/CO_2	MSW	8,760	N/A			N/A	N/A	40 CFR 60.38b	III.A.26.

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 139,792 dscfm.
[1] Whichever is least stringent.

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North County Regional Resource Recovery Facility — Facility ID No. 0990234

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E.U. ID No.	Brief Description
004	Class III Landfill and Flare (1,800 scfm, manufactured by LFG Specialties, model number PCF820I8)
008	Class I Landfill and Flare (3,500 scfm, manufactured by Shaw LFG Specialties, model number CF1238I10)

The following apply to the flares

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)
004 landfill gas flow rate		8,760	≤ 1,800 scfm of landfill gas (Class III flare)					Permit No. 0990234-002-AC/PSD FL-108D	III.B.2.
008 landfill gas flow rate		8,760	≤ 3,500 scfm of landfill gas (Class I flare)					"	"
004 & 008 landfill gas sulfur content			-	-	-			-	-
004 & 008 landfill gas net heating value				-	-			40 CFR 60.18(c)(3)	Appendix 40 CFR 60 Subpart A
004 & 008 actual flare gas exit velocity			v, (see 40 CFR 60.18(c)(4) & (5))	-	-			Permit No. 0990234-002-AC/PSD FL-108D & 40 CFR 60.18(c)(4) & (5)	III.B.7. & 8. (see Appendix 40 CFR 60 Subpart A)
004 & 008 VE			no VE, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours	-	-			40 CFR 60.18(c)(1)	III.B.10.

Notes:

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E.U. ID No.	Brief Description
010	BPF Sludge Dryer Train #1
011	BPF Sludge Dryer Train #2
012	BPF Recycle Material Bin and Pellet Storage Silo for Sludge Dryer Train #1
014	BPF Recycle Material Bin and Pellet Storage Silo for Sludge Dryer Train #2

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)
010 NOx	natural or landfill gas	8,760	-	5.60	24.55			BACT & Permit No. 0990234-006-AC/PSD-FL-108F	III.C.9.
011 NOx	"	"	-	5.60	24.55			"	"
010 PM/PM_{10}	"	"	-	2.42	10.6			BACT & Permit No. 0990234-006-AC/PSD-FL-108F	III.C.10.
010 VE	"	"	5% opacity, except 20% opacity is allowed for up to 3 minutes in 1 hour	-	-			"	III.C.11.
011 PM/PM_{10}	"	"	-	2.42	10.6			BACT & Permit No. 0990234-006-AC/PSD-FL-108F	III.C.10.
011 VE	"	"	5% opacity, except 20% opacity is allowed for up to 3 minutes in 1 hour	-	-			"	III.C.11.
012 PM/PM_{10}	"	"	0.010 gr/dscf	-	-		0.6	BACT & Permit No. 0990234-006-AC/PSD-FL-108F	III.C.12.
012 VE	"	"	5% opacity	-	-			"	III.C.13.
014 PM/PM_{10}	"	"	0.010 gr/dscf	-	-		0.6	BACT & Permit No. 0990234-006-AC/PSD-FL-108F	III.C.12.
014 VE	"	"	5% opacity	-	-			"	III.C.13.
010 SO_2	"	"	-	4.45	19.5			Rule 62-212.400(12), F.A.C. & Permit No. 0990234-006-AC/PSD-FL-108F	III.C.14.
011 SO_2	"	"	-	4.45	19.5			"	"
010 CO	"	"	-	3.37	14.75			Rule 62-212.400(12), F.A.C. & Permit No. 0990234-006-AC/PSD-FL-108F	III.C.15.
011 CO	"	"	-	3.37	14.75			"	"
010 VOC	"	"	-	1	4.4			Rule 62-212.400(12), F.A.C. & Permit No. 0990234-006-AC/PSD-FL-108F	III.C.16.
011 VOC	"	"	-	1	4.4			"	"
010 Hg	"	"	2.2 E-02 lb/24-hour period	-	-	9.22 E-04	4.04 E-03	Rule 62-212.400(12), F.A.C. & Permit No. 0990234-006-AC/PSD-FL-108F	III.C.17.
011 Hg	"	"	2.2 E-02 lb/24-hour period	-	-	9.22 E-04	4.04 E-03	"	"

Notes:

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