Table 1, Summary of Air Pollutant Standards and Terms

Pinellas County Utilities Administration
Pinellas County Resource Recovery Facility

Draft/Proposed Permit No. 1030117-008-AV
Facility ID No. 1030117

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
003	Municipal Waste Combustor Unit 3

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	8760	25 mg/dscm, corrected to 7% O_2			13.3	58.4	40 CFR 60.33b(a)(1)(i) and PSD-FL-011 & PSD-FL-098, as amended	III.A.12.
VE (opacity)	MSW	8760	10%, 6-minute average			N/A	N/A	40 CFR 60.33b(a)(1)(iii) and PSD-FL-011 & PSD-FL-098, as amended	III.A.13.
Cd	MSW	8760	35 ug/dscm, corrected to 7% O_2			0.0184	0.0805	40 CFR 60.33b(a)(2)(i) and PSD-FL-011 & PSD-FL-098, as amended	III.A.14.
Hg	MSW	8760	50 ug/dscm, corrected to 7% O_2 or			0.0262	0.115	40 CFR 60.33b(a)(3) and PSD-FL-011 & PSD-FL-098, as amended	III.A.15.
			85% reduction by weight [1]			0.0374	0.164	40 CFR 60.33b(a)(3) and PSD-FL-011 & PSD-FL-098, as amended	III.A.15.
Pb	MSW	8760	400 ug/dscm, corrected to 7% O_2			0.2091	0.9182	40 CFR 60.33b(a)(4) and PSD-FL-011 & PSD-FL-098, as amended	III.A.16.
SO_2	MSW	8760	29 ppmvd, corrected to 7% O_2 or			26.8	117	40 CFR 60.33b(b)(3)(i) and PSD-FL-011 & PSD-FL-098, as amended	III.A.17.
			75% reduction by weight or volume, 24-hour daily geometric mean [1]			170	745	40 CFR 60.33b(b)(3)(i) and PSD-FL-011 & PSD-FL-098, as amended	III.A.17.
HCl	MSW	8760	29 ppmvd, corrected to 7% O_2 or			23.0	101	40 CFR 60.33b(b)(3)(ii) and PSD-FL-011 & PSD-FL-098, as amended	III.A.18.
			95% reduction by weight or volume [1]			79.8	349.5	40 CFR 60.33b(b)(3)(ii) and PSD-FL-011 & PSD-FL-098, as amended	III.A.18.
Dioxin/Furan	MSW	8760	30 ng/dscm, corrected to 7% O_2			1.60E-05	6.90E-05	40 CFR 60.33b(c)(1)(iii) and PSD-FL-011 & PSD-FL-098, as amended	III.A.19.
NOx	MSW	8760	205 ppmvd, corrected to 7% O_2			205	899	40 CFR 60.33b(d) and PSD-FL-011 & PSD-FL-098, as amended	III.A.20.
CO	MSW	8760	100 ppmvd, corrected to 7% O_2, 4-hour block average			61.0	267	40 CFR 60.34b(a) and PSD-FL-011 & PSD-FL-098, as amended	III.A.21.
F [2]	MSW	8760		8.31			36.4	PSD-FL-098	III.A.22.
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.23.
O_2/CO_2	MSW	8760	N/A			N/A	N/A	40 CFR 60.38b	III.A.30.

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.
[2] Applies only to MWC Unit 3.

Table 1, Summary of Air Pollutant Standards and Terms

Pinellas County Utilities Administration — Draft/Proposed Permit No. 1030117-008-AV

Pinellas County Resource Recovery Facility — Facility ID No. 1030117

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E.U. ID No.	Brief Description
004	Hydrated Lime Storage Silo for Water Softening
005	Residue Storage and Processing Building (RSPB)
006	Activated Carbon Storage Silo
007	Lime Storage Silo for SDA
008	Ash Conditioning Building (ACB)

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)
-004 PM		8,760	0.005 gr/dscf			0.043	0.19	Rule 62-4.160(2), F.A.C.	III.B.4.
-004 VE			5%					Rule 62-297.620(4), F.A.C.	III.B.5.
-005 PM		8,760	0.01 gr/dscf			1.2	5.3	Rule 62-4.160(2), F.A.C.	III.B.4.
-005 VE			5%					Rule 62-297.620(4), F.A.C.	III.B.5.
-006 PM		8,760	0.005 gr/dscf			0.0514	0.225	Rule 62-4.160(2), F.A.C.	III.B.4.
-006 VE			5%					Rule 62-297.620(4), F.A.C.	III.B.5.
-007 PM		8,760	0.005 gr/dscf			0.0514	0.225	Rule 62-4.160(2), F.A.C.	III.B.4.
-007 VE			5%					Rule 62-297.620(4), F.A.C.	III.B.5.
-008 PM		8,760	0.03 gr/dscf			1.29	5.63	Rule 62-4.160(2), F.A.C.	III.B.4.
-008 VE			5%					Rule 62-297.620(1)-(3), F.A.C	III.B.5.

Notes:

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Pinellas County Resource Recovery Facility

Draft/Proposed Permit No. 1030117-008-AV
Facility ID No. 1030117

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E.U. ID No.	**Brief Description**
009	Municipal Solid Waste Landfill

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)
NMOC		8,760	calculate NMOC emissions					40 CFR 60.33c(e)	Subpart Cc, 40 CFR 60.33c(e)

Notes:
* The "Equivalent Emissions" listed are for informational purposes only.