Table 1-1, Summary of Air Pollutant Standards and Terms

Hillsborough County
Hillsborough County Resource Recovery Facility

Final Permit No. **0570261-012-AV**
Facility ID No. 0570261

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	150 MMBtu/hr (nom) Municipal Waste Combustor & Auxiliary Burner - Unit 1
002	150 MMBtu/hr (nom) Municipal Waste Combustor & Auxiliary Burner - Unit 2
003	150 MMBtu/hr (nom) Municipal Waste Combustor & Auxiliary Burner - Unit 3

			Allowable Emissions				Equivalent Emissions*				
Pollutant Name	Fuel(s)	Hours/Year	Standard(s)	lb/MMBtu	lbs./hour	TPY	lb/MMBtu	lbs./hour	TPY	Regulatory Citation(s)	See permit condition(s)
Particulate Matter	all	8,760	27 mg/DSCM or 0.012 gr/DSCF, corrected to 7% O_2			17.96	0.024	4.1		40CFR60.33b(a)(1)(i); PSD-FL-121(C	**C.15.**
Sulfur Dioxide	all	8,760	29 ppm, or 75% reduction corrected to 7% O2			143.9	0.190	32.86		40CFR60.33b(b)(3)(i); PSD-FL-121(C	**C.23.**
Nitrogen Oxides	all	8,760	205 ppm, corrected to 7% O_2			256	0.34	58.63		40CFR60.33b(d); PSD-FL-121(C)	**C.26.**
Lead	all	8,760	0.44 mg/DSCM, corrected to 7% O_2			0.288	3.81E-04	0.065		40CFR60.33b(a)(4); PSD-FL-121(C)	**C.22.**
Fluoride	all	8,760	6.74 mg/DSCM, corrected to 7% O_2			4.43	0.0059	1.00		PSD-FL-121(C)	**C.28.**
Mercury	all	8,760	0.070 mg/DSCM, corrected to 7% $O_{2,\ or\ 85\%\ reduction}$			0.087	1.17E-04	0.020		40CFR60.33b(a)(3); 62-296.416(3)(a)	**C.18.**
Beryllium	all	8,760	1.48 micrograms/DSCM, corrected to 7% O_2			9.6E-04	1.27E-06	2.18E-04		40CFR60.34b(a); PSD-FL-121(C)	**C.29.**
Cadmium	all	8,760	0.040 mg/DSCM, corrected to 7% O_2			0.026	3.47E-05	6.00E-03		40CFR60.33b(a)(2)(i)	**C.17.**
Hydrogen Chloride	all	8,760	29 ppm, corrected to 7% $O_{2,\ or\ 95\%\ reduction}$			74.43	0.099	17.00		40CFR60.33b(b)(3)(ii)	**C.24.**
Dioxins/Furans	all	8,760	30 nanograms/DSCM, corrected to 7% O_2			1.96E-05	2.60E-08	4.5E-06		40CFR60.33b(c)(1)(ii)	**C.25.**
Carbon Monoxide	all	8,760	100 ppm, corrected to 7% O_2			76.26	0.101	17.4		40CFR60.34b(a); PSD-FL-121(C)	**C.27.**
Volatile Organic Compounds	all	8,760	0.01 gr/DSCF, corrected to 12% CO2 or 0.2 lb/ton				3.83	3.83	16.8	PSD-FL-104 & PSD-FL-121(C)	**C.30.**
Sulfuric Acid Mist	all	8,760	0.072 gr/DSCF, corrected to 12% CO2 or 0.2 lb/ton				24.6	24.6	107.7	PSD-FL-121(C)	**C.31.**
Visible Emissions	all	8,760	10% opacity (6-min block average)	N/A	N/A	N/A				40CFR60.33b(a)(1)(iii)	**C.16.**

Notes:
* The "Equivalent Emissions" listed are for informational purposes only.
The emissions limits in pounds per hour and tons per year are for Units 1 through 4, combined.

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E.U. ID No.	Brief Description
100	Ash Building and Handling System

			Allowable Emissions			Equivalent Emissions*			
Pollutant Name	Fuel(s)	Hours/Year	Standard(s)	lbs./hour	TPY	lbs./hour	TPY	Regulatory Citation(s)	See permit condition(s)
Particulate Matter	N/A	8760		1.63			7.1	PSD-FL-121(B)	**D.4.**
Visible Emissions	N/A	8760	No visible emissions in excess of 5% of the observation peri	N/A	N/A			40CFR60.36b & 60.55	**D.2.**
Visible Emissions	N/A	8760	5% opacity	N/A	N/A			PSD-FL-121(B)	**D.5.**

Notes:
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E.U. ID No.	Brief Description
101	Lime Storage Silo
106	Dolomitic Lime Storage Silo

			Allowable Emissions			Equivalent Emissions*			
Pollutant Name	Fuel(s)	Hours/Year	Standard(s)	lbs./hour	TPY	lbs./hour	TPY	Regulatory Citation(s)	See permit condition(s)
E.U. [101]									
Particulate Matter	N/A	8760	0.015 gr/DSCF					PSD-FL-121(B)	**E.2.**
Visible Emissions	N/A	8760	5% opacity	N/A	N/A			PSD-FL-121(B)	**E.3.**
E.U. [106]									
Particulate Matter	N/A	8760		6.32	0.39			0570261-004-AC	**E.2.**
Visible Emissions	N/A	8760	20% opacity					0570261-004-AC	**E.3.**

Notes:
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E.U. ID No.	Brief Description
102	Activated Carbon Storage Silo

			Allowable Emissions			Equivalent Emissions*			
Pollutant Name	Fuel(s)	Hours/Year	Standard(s)	lbs./hour	TPY	lbs./hour	TPY	Regulatory Citation(s)	See permit condition(s)
Particulate Matter	N/A	8760	0.015 gr/DSCF					PSD-FL-121(B)	**F.2.**
Visible Emissions	N/A	8760	5% opacity	N/A	N/A			PSD-FL-121(B)	**F.3.**

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

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