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

Hillsborough County
**Hillsborough County Resource Recovery Facility**

*Revised* Draft/Proposed 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.

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

Hillsborough County
Hillsborough County Resource Recovery Facility

*Revised* Draft/Proposed 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 |
|---|---|
| 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:
* The "Equivalent Emissions" listed are for informational purposes only.

[electronic file name: 05702611.xls]

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

Hillsborough County
Hillsborough County Resource Recovery Facility

*Revised* Draft/Proposed 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 |
|---|---|
| 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:
* The "Equivalent Emissions" listed are for informational purposes only.

[electronic file name: 05702611.xls]

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

Hillsborough County
Hillsborough County Resource Recovery Facility

Draft 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 |
|---|---|
| 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.

[electronic file name: 05702611.xls]