Table 2, Summary of Compliance Requirements

Hillsborough County Resource Recovery Facility

Final Permit No. 0570261-014-AV

Hillsborough County Resource Recovery Facility

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	Municipal Waste Combustor Unit 1
002	Municipal Waste Combustor Unit 2
003	Municipal Waste Combustor Unit 3

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time Frequency	Frequency Base Date *	Min. Compliance Test Duration	CMS [1]	Regulatory Citation(s)	See permit condition(s)
PM	MSW	EPA Methods 5	CY, 5 in 5-year period		3 1-hour test runs	No	40 CFR 60.58b(c)(9)	III.A.33.-38.
VE (opacity)	MSW	EPA Method 9 or COMS	CY, 5 in 5-year period (COMS)		1-hour test	Yes	40 CFR 60.58b(c)(8) & Rule 62-297.310(7)(a)4., F.A.C.	III.A.33.-38.
Cd	MSW	EPA Method 29	CY, 5 in 5-year period		3 1-hour test runs	No	40 CFR 60.58b(d)(1)(vii)	III.A.33.-38.
Hg	MSW	EPA Method 29	CY, 5 in 5-year period		3 1-hour test runs	No	40 CFR 60.58b(d)(2)	III.A.33.-38.
Pb	MSW	EPA Method 29	CY, 5 in 5-year period		3 1-hour test runs	No	40 CFR 60.58b(d)(1)(vii)	III.A.33.-38.
SO_2	MSW	CEMS	daily (CEMS)		24-hour daily geometric mean	Yes	40 CFR 60.58b(e)(4)	III.A.33.-38.
HCl	MSW	EPA Method 26 or 26A	annual [3]		1-hour	No	40 CFR 60.58b(f)(7)	III.A.33.-38.
Dioxin/Furan	MSW	EPA Method 23	CY, 5 in 5-year period [4]		4-hours	No	40 CFR 60.58b(g)(i)-(iii)	III.A.33.-38.
NOx	MSW	CEMS	daily (CEMS)		24-hour daily arithmetic average	Yes	40 CFR 60.58b(h)(3)	III.A.33.-38.
CO	MSW	CEMS	daily (CEMS)		4-hour block average	Yes	40 CFR 60.58b(i)(3)	III.A.33.-38.
VE - fugitive ash emissions		EPA Method 22	annual [3]		3 1-hour observations	No	40 CFR 60.58b(k)	III.A.33.-38.
O_2/CO_2	MSW	Method 3, 3A, or 3B, or as an alternative ASME PTC-19-10-1981-Part 10	N/A		N/A	Yes	40 CFR 60.58b(b)	III.A.30.
steam flow	MSW		N/A		N/A	Yes	40 CFR 60.58b(i)(6)	III.A.26.
inlet temperature to baghouse			N/A		N/A	Yes	40 CFR 60.58b(i)(7)	III.A.27.

Notes:

"N/A" represents not applicable.

"CY" represents calendar year.

* The frequency base date is established for planning purposes only; see Rule 62-297.310, F.A.C.

[1] CMS [=] continuous monitoring system.

[3] The CFR contained an error on testing frequency per the 01/22/2009 dated e-mail from U.S. EPA.

[4] Test at least one MWC unit annually, subject to 40 CFR 60.58b(g) requirements.

Table 2, Summary of Compliance Requirements

Hillsborough County — Final Permit No. 0570261-014-AV

Hillsborough County Resource Recovery Facility — Facility ID No. 0570261

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E.U. ID No.	Brief Description
107	Municipal Waste Combustor Unit 4

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time Frequency	Frequency Base Date *	Min. Compliance Test Duration	CMS [1]	Regulatory Citation(s)	See permit condition(s)
PM/PM_{10}	MSW	EPA Method 5, 201 or 201A	CY, 5 in 5-year period		3 1-hour test runs	No	40 CFR 60.58b(c)(9)	III.B.35.-39.
VE (opacity)	MSW	EPA Method 9 or COMS	CY, 5 in 5-year period (COMS)		1-hour test	Yes	40 CFR 60.58b(c)(8) & Rule 62-297.310(7)(a)4., F.A.C.	"
Cd	MSW	EPA Method 29	CY, 5 in 5-year period		3 1-hour test runs	No	40 CFR 60.58b(d)(1)(vii)	"
Hg	MSW	EPA Method 29	CY, 5 in 5-year period		3 1-hour test runs	Yes	40 CFR 60.58b(d)(2)	"
Pb	MSW	EPA Method 29	CY, 5 in 5-year period		3 1-hour test runs	No	40 CFR 60.58b(d)(1)(vii)	"
SO_2	MSW	CEMS	daily (CEMS)		24-hour daily geometric mean	Yes	40 CFR 60.58b(e)(4)	"
HCl	MSW	EPA Method 26 or 26A	annual [3]		1-hour	No	40 CFR 60.58b(f)(7)	"
Dioxin/Furan	MSW	EPA Method 23	CY, 5 in 5-year period [4]		4-hours	No	40 CFR 60.58b(g)(i)-(iii)	"
NOx	MSW	CEMS	daily (CEMS)		24-hour daily arithmetic average	Yes	40 CFR 60.58b(h)(3)	"
CO	MSW	CEMS	daily (CEMS)		4-hour block average	Yes	40 CFR 60.58b(i)(3)	"
ammonia slip	MSW	EPA Method CTM-027 (Conditional Test Method)	annual		3 1-hour test runs		PSD-FL-369	"
VE - fugitive ash emissions		EPA Method 22	annual [3]		3 1-hour observations	No	40 CFR 60.58b(k)	"
O_2/CO_2	MSW	Method 3, 3A, or 3B, or as an alternative ASME PTC-19-10-1981-Part 10	N/A		N/A	Yes	40 CFR 60.58b(b)	III.B.28.d.&29.
steam flow	MSW		N/A		N/A	Yes	40 CFR 60.58b(i)(6)	III.B.25.
inlet temperature to baghouse			N/A		N/A	Yes	40 CFR 60.58b(i)(7)	III.B.26.

Notes:

"N/A" represents not applicable.

"CY" represents calendar year.

* The frequency base date is established for planning purposes only; see Rule 62-297.310, F.A.C.

[1] CMS [=] continuous monitoring system.

[3] The CFR contained an error on testing frequency per the 01/22/2009 dated e-mail from U.S. EPA.

[4] Test at least one MWC unit annually, subject to 40 CFR 60.58b(g) requirements.

Table 2, Summary of Compliance Requirements

Hillsborough County — Final Permit No. 0570261-014-AV

Hillsborough County Resource Recovery Facility — 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 - Baghouse
112	Ash Building and Handling System - Wet Scrubber

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time Frequency	Frequency Base Date *	Min. Compliance Test Duration	CMS**	See permit condition(s)
PM		EPA Method 5	waived			none	III.C.13.-16.
VE		EPA Method 9	annual		30 minutes	none	"
VE (ash handling building)		EPA Method 22	annual		3 1-hour observations	none	"

Notes:

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**CMS [=] continuous monitoring system.

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Hillsborough County
Hillsborough County Resource Recovery Facility

Final Permit No. 0570261-014-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	Pebble Lime Storage Silo - MWC Units 1, 2 & 3
102	Activated Carbon Storage Silo - MWC Units 1, 2 & 3
108	Pebble Lime Storage Silo - MWC Unit 4
110	Activated Carbon Storage Silo - MWC Unit 4

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time Frequency	Frequency Base Date *	Min. Compliance Test Duration	CMS**	See permit condition(s)
PM		EPA Method 5	waived			none	III.D.9.-14.
VE		EPA Method 9	annual		30 minutes	none	III.D.9.-14.

Notes:
* The frequency base date is established for planning purposes only; see Rule 62-297.310, F.A.C.
**CMS [=] continuous monitoring system.