

SMTV FER/EIS Emissions Report (201507) for 2010
Spring Grove Resource Recovery Inc
1431072600
April 15, 2011

2010 Emissions Summary Report : 201507

Oct 11 2011, 10:02:47

- Report Data

Report Category: SMTV

Submitted Date: 04/15/2011

Reporting Year: 2010

Approved Date 04/19/2011

Reporting State Approved

- Reports Included

FER: X

ES:

EIS: X

- Facility Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs
Organic Compounds	OC	X	1.641	0	1.641	TONs
Pb - Lead	7439921	X	0	0	0.	TONs
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	.880	0	0.88	TONs
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0	0.	TONs
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs
VOC - Volatile Organic Compounds	VOC		1.641	0	1.641	TONs
Ammonia	NH3		0	0	0.	TONs
CO - Carbon Monoxide	CO		0	0	0.	TONs
Total of Chargable Pollutants					2.521	TONS

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations. The values may be provided to USEPA by Ohio EPA as part of Ohio EPA's federal grant commitments. You may modify these Ohio EPA-generated hazardous air pollutant emission calculations, at the process level, if you have more accurate information. There is no certification of these values as part of the emissions report submission.

Pollutant	Code	Fugitive Amount	Stack Amount	Total	Units
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0	0	0.	TONs

- **Attachments**

Description	Type	Public Document	Trade Secret Document	Trade secret Justification
-------------	------	-----------------	-----------------------	----------------------------

- **Notes**

User Name	Date	Note
-----------	------	------

Emission Units Without Detailed Emissions

Oct 11 2011, 10:02:47

Emission Unit	Why Excluded	Company Equipment ID
F001	Less Than Reporting Requirement	Reagent storage
J001	Less Than Reporting Requirement	Loading rack for organic materials
P004	Less Than Reporting Requirement	Drum crushing operation
P005	Less Than Reporting Requirement	Transformer decommissioning
P009	Less Than Reporting Requirement	Drum Dispersion
P016	Less Than Reporting Requirement	Fuel Dispersion
P017	Less Than Reporting Requirement	Paint Squisher #1
P018	Less Than Reporting Requirement	Paint Squisher #2
P019	Less Than Reporting Requirement	Vacuum truck operation
P020	Less Than Reporting Requirement	
P021	Less Than Reporting Requirement	
P022	Less Than Reporting Requirement	Flourescent Bulb Crusher
P023	Less Than Reporting Requirement	
T005	Less Than Reporting Requirement	Fuel tank 6
T006	Less Than Reporting Requirement	Fuel tank 5
T008	Less Than Reporting Requirement	Fuel tank 7
T009	Less Than Reporting Requirement	Fuel tank 8
T010	Less Than Reporting Requirement	Fuel tank 9
T011	Less Than Reporting Requirement	Fuel tank 10
T012	Less Than Reporting Requirement	WWT tank TK1 10,350 gallon
T013	Less Than Reporting Requirement	WWT tank TK 2 10,350 gallon

T014	Less Than Reporting Requirement	WWT tank TK3 10,350 gallon
T015	Less Than Reporting Requirement	WWT tank TK4 10,350 gallon
T016	Less Than Reporting Requirement	WWT tank TK 11 17,500 gallon
T017	Less Than Reporting Requirement	WWT tank TK12 10,350 gallon
Z001	Less Than Reporting Requirement	Laboratory hood
Z002	Less Than Reporting Requirement	Welding station
Z003	Less Than Reporting Requirement	Natural gas boiler
Z004	Less Than Reporting Requirement	Vacuum Truck
Z005	Less Than Reporting Requirement	Container Opening
Z006	Less Than Reporting Requirement	Empty container storage
Z007	Less Than Reporting Requirement	Process steam boiler
Z008	Less Than Reporting Requirement	Rag consolidation
Z009	Less Than Reporting Requirement	Hg Bulb compaction

Report Pollutant Summary: Total Emissions (Tons)

Unit	SCC Id	PM-CON	SO2	NOX	OC	7439921	PM-FIL	PM10-FIL	PM25-FIL	VOC	NH3	CO
P001	3-99-999-94	0.	0.	0.	1.641	0.	0.88	0.	0.	1.641	0.	0.
P015	3-99-999-94											
Total		0.	0.	0.	1.641	0.	0.88	0.	0.	1.641	0.	0.

Emission Unit Summary: P001

Oct 11 2011, 10:02:47

Emissions Unit ID: P001

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	1.641	0	1.641	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	.880	0	0.88	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		1.641	0	1.641	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					2.521	TONs	

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations. The values may be provided to USEPA by Ohio EPA as part of Ohio EPA's federal grant commitments. You may modify these Ohio EPA-generated hazardous air pollutant emission calculations, at the process level, if you have more accurate information. There is no certification of these values as part of the emissions report submission.

Pollutant	Code	Fugitive Amount	Stack Amount	Total	Units
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0	0	0.	TONs

- Processes

- Process & Emissions Detail

Name: P001-3

Source Classification Code (SCC): 3-99-999-94

- **Material Information, Annual Average Operating Schedule & Throughput Percent**

Schedule Trade Secret:

Hours Per Day: 9

Days Per Week: 5

Weeks Per Year: 52

Hours Per Year: 2160

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Material	Processed	9422000	Lbs

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: MAT. BALANCE			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: MAT. BALANCE			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: MAT. BALANCE			0	0	0.	TONs	
Organic Compounds	OC	X emissions: MAT. BALANCE			1.641	0	1.641	TONs	
Pb - Lead	7439921	X emissions: MAT. BALANCE			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: MAT. BALANCE			.880	0	0.88	TONs	
PM10 (Filt) - Primary PM10,	PM10-FIL	emissions: MAT.			0	0	0.	TONs	

Filterable Portion Only		BALANCE							
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: MAT. BALANCE			0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC	emissions: MAT. BALANCE			1.641	0	1.641	TONs	
Ammonia	NH3	emissions: MAT. BALANCE			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: MAT. BALANCE			0	0	0.	TONs	
Total of Chargable Pollutants							2.521	TONS	

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations. The values may be provided to USEPA by Ohio EPA as part of Ohio EPA's federal grant commitments. You may modify these Ohio EPA-generated hazardous air pollutant emission calculations, at the process level, if you have more accurate information. There is no certification of these values as part of the emissions report submission.

Process Emissions

Pollutant	Code	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	emissions: MAT. BALANCE			0	0	0.	TONs	

Emission Unit Summary: P015

Oct 11 2011, 10:02:47

Emissions Unit ID: P015

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
Total of Chargable Pollutants					0.	TONS	

- Processes

- Process & Emissions Detail

Name: P015-6

Source Classification Code (SCC): 3-99-999-94

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 0
 Days Per Week: 0
 Weeks Per Year: 0
 Hours Per Year: 0

Winter (Dec - Feb)%:
 Spring (March-May)%:
 Summer (June-Aug)%:
 Fall (Sept-Nov)%:

Material	Material Action	Throughput	X Units
Material	Processed	0	LBs

- Process Emissions

Pollutant	Code	\$	Method Used	Hours UnCont	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
Total of Chargable Pollutants								0.	TONS	