

**TV FER/EIS Emissions Report (201472) for 2010
Browning-Ferris Industries, Bigfoot Run Landfill
1483110286
April 08, 2011**

2010 Emissions Summary Report : 201472

Oct 11 2011, 10:00:57

- Report Data

Report Category: TV

Submitted Date: 04/08/2011

Reporting Year: 2010

Approved Date 04/11/2011

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.	1.562	1.562	TONs
NOx - Nitrogen Oxides	NOX	X	0.	6.182	6.182	TONs
Organic Compounds	OC	X	0.714	0.024	0.738	TONs
Pb - Lead	7439921	X	0.	0.	0.	TONs
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.	1.697	1.697	TONs
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.	1.697	1.697	TONs
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.	1.697	1.697	TONs
VOC - Volatile Organic Compounds	VOC		0.274	0.009	0.283	TONs
Ammonia	NH3		0.	0.	0.	TONs
CO - Carbon Monoxide	CO		0.	30.911	30.911	TONs
Total of Chargable Pollutants					10.179	TONS

- Attachments

Description	Type	Public Document	Trade Secret Document	Trade secret Justification
Air Emission Calculations	Calculations	X		

- Notes

User Name	Date	Note
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Emission Units Without Detailed Emissions

Oct 11 2011, 10:00:57

Emission Unit	Why Excluded	Company Equipment ID
F001	Exemption Status = De minimis	Roadways and Parking Areas
F003	Exemption Status = De minimis	Fugitive Particulate Sources
G001	Did Not Operate	Gasoline Dispensing station
P001	Less Than Reporting Requirement	Landfill Flare

Report Pollutant Summary: Total Emissions (Tons)

Unit	SCC Id	PM-CON	SO2	NOX	OC	7439921	PM-FIL	PM10-FIL	PM25-FIL	VOC	NH3	CO
F002	5-01-004-10	0.	1.562	6.182	0.024	0.	1.697	1.697	1.697	0.009	0.	30.911
F002	5-01-004-02	0.	0.	0.	0.714	0.	0.	0.	0.	0.274	0.	0.
F002	5-04-100-30											
Total		0.	1.562	6.182	0.738	0.	1.697	1.697	1.697	0.283	0.	30.911

Emission Unit Summary: F002

Oct 11 2011, 10:00:57

Emissions Unit ID: F002

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.	1.562	1.562	TONs	
NOx - Nitrogen Oxides	NOX	X	0.	6.182	6.182	TONs	
Organic Compounds	OC	X	0.714	0.024	0.738	TONs	
Pb - Lead	7439921	X	0.	0.	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.	1.697	1.697	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.	1.697	1.697	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.	1.697	1.697	TONs	
VOC - Volatile Organic Compounds	VOC		0.274	0.009	0.283	TONs	
Ammonia	NH3		0.	0.	0.	TONs	
CO - Carbon Monoxide	CO		0.	30.911	30.911	TONs	
Total of Chargable Pollutants					10.179	TONS	

- Processes

- Process & Emissions Detail

Name: F002-1

Source Classification Code (SCC): 5-01-004-10

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 24

Days Per Week: 7

Weeks Per Year: 52

Hours Per Year: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Waste Gas	Burned	407.2624	MILLION DRY STANDARD CUBIC FEET

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: MAT. BALANCE			0	1.562	1.562	TONs	See Attached Calculation Sheets
NOx - Nitrogen Oxides	NOX	X emissions: MAT. BALANCE			0	6.182	6.182	TONs	See Attached Calculation Sheets
Organic Compounds	OC	X emissions: MAT. BALANCE			0	0.024	0.024	TONs	See Attached Calculation Sheets
Pb - Lead	7439921	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: MAT. BALANCE			0	1.697	1.697	TONs	See Attached Calculation Sheets
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: MAT. BALANCE			0	1.697	1.697	TONs	See Attached Calculation Sheets
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: MAT. BALANCE			0	1.697	1.697	TONs	See Attached Calculation Sheets
VOC - Volatile Organic Compounds	VOC	emissions: MAT. BALANCE			0	0.009	0.009	TONs	See Attached Calculation Sheets

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: MAT. BALANCE			0	30.911	30.911	TONs	See Attached Calculation Sheets
Total of Chargable Pollutants							9.465	TONS	

- **Process & Emissions Detail**

Name: F002-2

Source Classification Code (SCC): 5-01-004-02

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

Schedule Trade Secret:

Hours Per Day: 24

Days Per Week: 7

Weeks Per Year: 52

Hours Per Year: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Landfill	Existing	50	ACRE-YEARS

- **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: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: MAT. BALANCE			0	0	0.	TONs	See Attached Calculation Sheets

NOx - Nitrogen Oxides	NOX	X	emissions: MAT. BALANCE			0	0	0.	TONs	See Attached Calculation Sheets
Organic Compounds	OC	X	emissions: MAT. BALANCE			0.714	0	0.714	TONs	See Attached Calculation Sheets
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: MAT. BALANCE			0	0	0.	TONs	See Attached Calculation Sheets
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: MAT. BALANCE			0	0	0.	TONs	
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			0.274	0	0.274	TONs	See Attached Calculation Sheets
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: MAT. BALANCE			0	0	0.	TONs	
Total of Chargable Pollutants								0.714	TONS	

- **Process & Emissions Detail**

Name: F002-3

Source Classification Code (SCC): 5-04-100-30

- **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)%: 25
 Spring (March-May)%: 25
 Summer (June-Aug)%: 25
 Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Material	Stored	0	TONs

- **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	