

SMTV FER/EIS Emissions Report (186431) for 2009
Shelly Materials Plant 47
0773000187
April 13, 2010

2009 Emissions Summary Report : 186431

Jun 1 2010, 11:55:50

- Report Data

Report Category: SMTV

Submitted Date: 04/13/2010

Reporting Year: 2009

Approved Date 04/14/2010

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	0.03	0.03	TONS
NOx - Nitrogen Oxides	NOX	X	0	0.30	0.3	TONS
Organic Compounds	OC	X	0.17	0.87	1.04	TONS
Pb - Lead	7439921	X	0	0.00001	1E-05	TONS
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.53	0.11	0.64	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		0	0	0.	TONS
Ammonia	NH3		0	0	0.	TONS
CO - Carbon Monoxide	CO		0.03	0.89	0.92	TONS
Total of Chargable Pollutants					2.01001	TONS

- Attachments

Description	Type	Public Document	Trade Secret Document	Trade secret Justification
Annual Emissions Calculations for Shelly Materials Plant #47	Annual Summary of Emissions	X		

- Notes

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

Emission Units Without Detailed Emissions

Jun 1 2010, 11:55:50

Emission Unit	Why Excluded	Company Equipment ID
F001	Less Than 1 TPY per Pollutant	Roadways and Parking Areas
F002	Less Than 1 TPY per Pollutant	Aggregate Storage Piles
T001	Less Than 1 TPY per Pollutant	T001
T002	Less Than 1 TPY per Pollutant	T002
T003	Less Than 1 TPY per Pollutant	T003

Report Pollutant Summary: Total Emissions (Tons)

Unit	SCC Id	PM-CON	SO2	NOX	OC	7439921	PM-FIL	PM10-FIL	PM25-FIL	VOC	NH3	CO
P901	3-05-002-51	0.	0.03	0.3	1.04	1E-05	0.64	0.	0.	0.	0.	0.92
Total		0.	0.03	0.3	1.04	1E-05	0.64	0.	0.	0.	0.	0.92

Emission Unit Summary: P901

Jun 1 2010, 11:55:50

Emissions Unit ID: P901

Engineering Guide #71 Exemption:

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	0.03	0.03	TONS	
NOx - Nitrogen Oxides	NOX	X	0	0.30	0.3	TONS	
Organic Compounds	OC	X	0.17	0.87	1.04	TONS	
Pb - Lead	7439921	X	0	0.00001	1E-05	TONS	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.53	0.11	0.64	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		0	0	0.	TONS	
Ammonia	NH3		0	0	0.	TONS	
CO - Carbon Monoxide	CO		0.03	0.89	0.92	TONS	
Total of Chargable Pollutants					2.01001	TONS	

- Processes

- Process & Emissions Detail

Name: HMA Production

Source Classification Code (SCC): 3-05-002-51

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 10

Days Per Week: 6

Weeks Per Year: 34

Hours Per Year: 2040

Winter (Dec - Feb)%: 0

Spring (March-May)%: 20

Summer (June-Aug)%: 40

Fall (Sept-Nov)%: 40

Material	Material Action	Throughput	X Units
Hot Mix Asphalt	Produced	21,311	TONS

- **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: STACK TEST			0	0.03	0.03	TONS	
NOx - Nitrogen Oxides	NOX	X emissions: STACK TEST			0	0.30	0.3	TONS	
Organic Compounds	OC	X emissions: STACK TEST			0.17	0.87	1.04	TONS	
Pb - Lead	7439921	X emissions: ENG. JUDGEMENT			0	0.00001	1E-05	TONS	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: STACK TEST			0.53	0.11	0.64	TONS	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0	0	0.	TONS	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0	0.	TONS	
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			0	0	0.	TONS	
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONS	

CO - Carbon Monoxide	CO	emissions: STACK TEST			0.03	0.89	0.92	TONS	
Total of Chargable Pollutants							2.01001	TONS	