

**TV FER/EIS Emissions Report (201979) for 2010  
Atlas Roofing Corporation, Franklin Roofing Facility  
1483040201  
April 15, 2011**

# 2010 Emissions Summary Report : 201979

Oct 11 2011, 11:17:45

**- Report Data**

Report Category: TV

Submitted Date: 04/15/2011

Reporting Year: 2010

Approved Date 04/20/2011

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.	0.078	0.078	TONs
SO2 - Sulfur Dioxide	SO2	X	0.	13.868	13.868	TONs
NOx - Nitrogen Oxides	NOX	X	0.	3.85	3.85	TONs
Organic Compounds	OC	X	11.46	27.073	38.533	TONs
Pb - Lead	7439921	X	0.	0.	0.	TONs
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	8.878	8.316	17.194	TONs
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		5.404	8.236	13.64	TONs
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		3.677	8.186	11.863	TONs
VOC - Volatile Organic Compounds	VOC		11.46	27.073	38.533	TONs
Ammonia	NH3		0.	0.	0.	TONs
CO - Carbon Monoxide	CO		0.	10.038	10.038	TONs
Total of Chargable Pollutants					73.445	TONS

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp;  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
Acenaphthene	83329	0.	1.22805E-08	1.22805E-08	TONs
Acenaphthylene	208968	0.	1.22805E-08	1.22805E-08	TONs

Acetaldehyde	75070	0.	2.8518E-04	2.8518E-04	TONs
Acrolein	107028	0.	2.4561E-04	2.4561E-04	TONs
Anthracene	120127	0.	1.6374E-08	1.6374E-08	TONs
Arsenic	7440382	0.	2.729E-06	2.729E-06	TONs
Benz[A]Anthracene	56553	0.	1.22805E-08	1.22805E-08	TONs
Benzene	71432	0.	2.86545E-05	2.86545E-05	TONs
Benzo[A]Pyrene	50328	0.	8.187E-09	8.187E-09	TONs
Benzo[B]Fluoranthene	205992	0.	1.22805E-08	1.22805E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.	8.187E-09	8.187E-09	TONs
Benzo[K]Fluoranthene	207089	0.	1.22805E-08	1.22805E-08	TONs
Beryllium	7440417	0.	8.187E-08	8.187E-08	TONs
Cadmium	7440439	0.	1.50095E-05	1.50095E-05	TONs
Chromium	7440473	0.	1.9103E-05	1.9103E-05	TONs
Chrysene	218019	0.	1.22805E-08	1.22805E-08	TONs
Cobalt	7440484	0.	1.14618E-06	1.14618E-06	TONs
Dibenzo[A,H]Anthracene	53703	0.	8.187E-09	8.187E-09	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	1.0916E-07	1.0916E-07	TONs
Fluoranthene	206440	0.	4.0935E-08	4.0935E-08	TONs
Fluorene	86737	0.	3.8206E-08	3.8206E-08	TONs
Formaldehyde	50000	0.	0.00102338	0.00102338	TONs
Hexane, N-	110543	0.	0.024561	0.024561	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	1.22805E-08	1.22805E-08	TONs
MN - Manganese	7439965	0.	5.1851E-06	5.1851E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	3.5477E-06	3.5477E-06	TONs
Methylcholanthrene, 3-	56495	0.	1.22805E-08	1.22805E-08	TONs
Methylnaphthalene, 2-	91576	0.	3.2748E-07	3.2748E-07	TONs
Naphthalene	91203	0.	8.32345E-06	8.32345E-06	TONs
Nickel	7440020	0.	2.86545E-05	2.86545E-05	TONs
Phenanthrene	85018	0.	2.31965E-07	2.31965E-07	TONs
Polycyclic Organic Matter	246	0.	0.0576885	0.0576885	TONs
Pyrene	129000	0.	6.8225E-08	6.8225E-08	TONs

Selenium	7782492	0.	1.6374E-07	1.6374E-07	TONs
Toluene	108883	0.	4.6393E-05	4.6393E-05	TONs

- **Attachments**

Description	Type	Public Document	Trade Secret Document	Trade secret Justification
Emissions calculation spreadsheet.	Calculations	X		

- **Notes**

User Name	Date	Note
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**Emission Units Without Detailed Emissions**

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Emission Unit	Why Excluded	Company Equipment ID
B001	Exemption Status = Permit Exempt	CB 171056 Boiler #1
B002	Exemption Status = Permit Exempt	Asphalt Heater #1000
B003	Less Than Reporting Requirement	Deleted from original application per OEPA instruction
B004	Less Than Reporting Requirement	Deleted from original application per OEPA instruction
B005	Exemption Status = Permit Exempt	Heat Exchanger
B011	Exemption Status = Permit Exempt	CB 171057 Boiler #2
B012	Exemption Status = Permit Exempt	Asphalt Heater #750
B013	Less Than Reporting Requirement	Deleted from original application per OEPA instruction
B022	Less Than Reporting Requirement	Deleted from original application per OEPA instruction
L001	Exemption Status = Permit Exempt	Manual Parts Cleaning
L002	Exemption Status = Permit Exempt	Manual Parts Cleaning
P003	Less Than Reporting Requirement	HOT MELT SEALANT SYSTEM
T002	Exemption Status = Permit Exempt	No. 2 Fuel Oil Tank
T004	Less Than Reporting Requirement	Asphalt Tank
T005	Less Than Reporting Requirement	Asphalt Tank
Z003	Exemption Status = Permit Exempt	Shingle Printing Ink
Z004	Exemption Status = Permit Exempt	Indoor Dust
Z014	Exemption Status = Permit Exempt	Asphalt Truck Emissions

**Report Pollutant Summary: Total Emissions (Tons)**

Unit	SCC Id	PM-CON	SO2	NOX	OC	7439921	PM-FIL	PM10-FIL	PM25-FIL	VOC	NH3	CO
<b>B006</b>	<b>1-02-006-02</b>	0.078	0.008	1.91	0.15	0.	0.026	0.026	0.026	0.15	0.	0.478
<b>P001</b>	<b>3-05-040-21</b>	0.	0.	0.	0.	0.	5.308	2.654	1.327	0.	0.	0.
<b>P001</b>	<b>3-05-001-03</b>	0.	0.	0.	25.24	0.	7.28	7.28	7.28	25.24	0.	0.
<b>P002</b>	<b>3-05-001-03</b>	0.	0.	0.	1.623	0.	0.17	0.09	0.04	1.623	0.	0.
<b>P004</b>	<b>3-06-011-01</b>	0.	6.93	0.97	0.03	0.	0.42	0.42	0.42	0.03	0.	4.78
<b>P005</b>	<b>3-06-011-01</b>	0.	6.93	0.97	0.03	0.	0.42	0.42	0.42	0.03	0.	4.78
<b>P901</b>	<b>3-05-040-23</b>	0.	0.	0.	0.	0.	1.63	0.81	0.41	0.	0.	0.
<b>P901</b>	<b>3-05-025-06</b>	0.	0.	0.	0.	0.	0.07	0.07	0.07	0.	0.	0.
<b>P902</b>	<b>3-05-016-08</b>	0.	0.	0.	0.	0.	1.39	1.39	1.39	0.	0.	0.
<b>T003</b>	<b>4-04-001-99</b>	0.	0.	0.	6.08	0.	0.26	0.26	0.26	6.08	0.	0.
<b>T006</b>	<b>3-05-001-31</b>	0.	0.	0.	2.69	0.	0.11	0.11	0.11	2.69	0.	0.
<b>T007</b>	<b>3-05-001-31</b>	0.	0.	0.	2.69	0.	0.11	0.11	0.11	2.69	0.	0.
<b>Total</b>		0.078	13.868	3.85	38.533	0.	17.194	13.64	11.863	38.533	0.	10.038



Benz[A]Anthracene	56553	0.	1.22805E-08	1.22805E-08	TONs
Benzene	71432	0.	2.86545E-05	2.86545E-05	TONs
Benzo[A]Pyrene	50328	0.	8.187E-09	8.187E-09	TONs
Benzo[B]Fluoranthene	205992	0.	1.22805E-08	1.22805E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.	8.187E-09	8.187E-09	TONs
Benzo[K]Fluoranthene	207089	0.	1.22805E-08	1.22805E-08	TONs
Beryllium	7440417	0.	8.187E-08	8.187E-08	TONs
Cadmium	7440439	0.	1.50095E-05	1.50095E-05	TONs
Chromium	7440473	0.	1.9103E-05	1.9103E-05	TONs
Chrysene	218019	0.	1.22805E-08	1.22805E-08	TONs
Cobalt	7440484	0.	1.14618E-06	1.14618E-06	TONs
Dibenzo[A,H]Anthracene	53703	0.	8.187E-09	8.187E-09	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	1.0916E-07	1.0916E-07	TONs
Fluoranthene	206440	0.	4.0935E-08	4.0935E-08	TONs
Fluorene	86737	0.	3.8206E-08	3.8206E-08	TONs
Formaldehyde	50000	0.	0.00102338	0.00102338	TONs
Hexane, N-	110543	0.	0.024561	0.024561	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	1.22805E-08	1.22805E-08	TONs
MN - Manganese	7439965	0.	5.1851E-06	5.1851E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	3.5477E-06	3.5477E-06	TONs
Methylcholanthrene, 3-	56495	0.	1.22805E-08	1.22805E-08	TONs
Methylnaphthalene, 2-	91576	0.	3.2748E-07	3.2748E-07	TONs
Naphthalene	91203	0.	8.32345E-06	8.32345E-06	TONs
Nickel	7440020	0.	2.86545E-05	2.86545E-05	TONs
Phenanthrene	85018	0.	2.31965E-07	2.31965E-07	TONs
Polycyclic Organic Matter	246	0.	8.8556E-06	8.8556E-06	TONs
Pyrene	129000	0.	6.8225E-08	6.8225E-08	TONs
Selenium	7782492	0.	1.6374E-07	1.6374E-07	TONs
Toluene	108883	0.	4.6393E-05	4.6393E-05	TONs

- **Processes**

- **Process & Emissions Detail**

Name: B006

Source Classification Code (SCC): 1-02-006-02

- **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: 6599

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	27.29	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1000	Gas Heat Content (Btu/Cubic Feet)

- **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	0.078	0.078	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0.008	0.008	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	1.910	1.91	TONs	
Organic Compounds	OC	X emissions: ENG.			0	0.150	0.15	TONs	

			JUDGEMENT						
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT		0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT		0	0.026	0.026	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10- FIL		emissions: ENG. JUDGEMENT		0	0.026	0.026	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25- FIL		emissions: ENG. JUDGEMENT		0	0.026	0.026	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT		0	0.150	0.15	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT		0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT		0	0.478	0.478	TONs	
Total of Chargable Pollutants							2.094	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
Acenaphthene	83329	factor:OEP A (auto calculate)	6599	9E-07	0.	1.22805E-08	1.22805E-08	TONs	

Acenaphthylene	208968	factor:OEP A (auto calculate)	6599	9E-07	0.	1.22805E-08	1.22805E-08	TONs	
Acetaldehyde	75070	factor:OEP A (auto calculate)	6599	0.0209	0.	2.8518E-04	2.8518E-04	TONs	
Acrolein	107028	factor:OEP A (auto calculate)	6599	0.018	0.	2.4561E-04	2.4561E-04	TONs	
Anthracene	120127	factor:OEP A (auto calculate)	6599	1.2E-06	0.	1.6374E-08	1.6374E-08	TONs	
Arsenic	7440382	factor:OEP A (auto calculate)	06599	2E-04	0.	2.729E-06	2.729E-06	TONs	
Benz[A]Anthracene	56553	factor:OEP A (auto calculate)	06599	9E-07	0.	1.22805E-08	1.22805E-08	TONs	
Benzene	71432	factor:OEP A (auto calculate)	06599	0.0021	0.	2.86545E-05	2.86545E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEP A (auto calculate)	06599	6E-07	0.	8.187E-09	8.187E-09	TONs	
Benzo[B]Fluoranthene	205992	factor:OEP A (auto calculate)	06599	9E-07	0.	1.22805E-08	1.22805E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEP A (auto calculate)	06599	6E-07	0.	8.187E-09	8.187E-09	TONs	
Benzo[K]Fluoranthene	207089	factor:OEP A (auto calculate)	06599	9E-07	0.	1.22805E-08	1.22805E-08	TONs	
Beryllium	7440417	factor:OEP A (auto calculate)	06599	6E-06	0.	8.187E-08	8.187E-08	TONs	
Cadmium	7440439	factor:OEP A (auto calculate)	06599	0.0011	0.	1.50095E-05	1.50095E-05	TONs	
Chromium	7440473	factor:OEP A (auto calculate)	06599	0.0014	0.	1.9103E-05	1.9103E-05	TONs	

Chrysene	218019	factor:OEP A (auto calculate)	06599	9E-07	0.	1.22805E-08	1.22805E-08	TONs	
Cobalt	7440484	factor:OEP A (auto calculate)	06599	8.4E-05	0.	1.14618E-06	1.14618E-06	TONs	
Dibenzo[A,H]Ant hracene	53703	factor:OEP A (auto calculate)	06599	6E-07	0.	8.187E-09	8.187E-09	TONs	
Dimethylbenz[A] Anthracene, 7,12-	57976	factor:OEP A (auto calculate)	06599	8E-06	0.	1.0916E-07	1.0916E-07	TONs	
Fluoranthene	206440	factor:OEP A (auto calculate)	06599	3E-06	0.	4.0935E-08	4.0935E-08	TONs	
Fluorene	86737	factor:OEP A (auto calculate)	06599	2.8E-06	0.	3.8206E-08	3.8206E-08	TONs	
Formaldehyde	50000	factor:OEP A (auto calculate)	06599	0.075	0.	0.00102338	0.00102338	TONs	
Hexane, N-	110543	factor:OEP A (auto calculate)	06599	1.8	0.	0.024561	0.024561	TONs	
Indeno[1,2,3- C,D]Pyrene	193395	factor:OEP A (auto calculate)	06599	9E-07	0.	1.22805E-08	1.22805E-08	TONs	
MN - Manganese	7439965	factor:OEP A (auto calculate)	06599	3.8E-04	0.	5.1851E-06	5.1851E-06	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEP A (auto calculate)	06599	2.6E-04	0.	3.5477E-06	3.5477E-06	TONs	
Methylcholanthr ene, 3-	56495	factor:OEP A (auto calculate)	06599	9E-07	0.	1.22805E-08	1.22805E-08	TONs	
Methylnaphthale ne, 2-	91576	factor:OEP A (auto calculate)	06599	2.4E-05	0.	3.2748E-07	3.2748E-07	TONs	
Naphthalene	91203	factor:OEP	06599	6.1E-04	0.	8.32345E-06	8.32345E-06	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	06599	0.0021	0.	2.86545E-05	2.86545E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	06599	1.7E-05	0.	2.31965E-07	2.31965E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	06599	6.49E-04	0.	8.8556E-06	8.8556E-06	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	06599	5E-06	0.	6.8225E-08	6.8225E-08	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	06599	1.2E-05	0.	1.6374E-07	1.6374E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	06599	0.0034	0.	4.6393E-05	4.6393E-05	TONs	



- **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: 6599

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Material	Processed	81665	100 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: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: ENG. JUDGEMENT			5.308	0	5.308	TONs	
PM10 (Filt) - Primary PM10,	PM10-FIL	emissions: ENG.			2.654	0	2.654	TONs	

Filterable Portion Only		JUDGEMENT							
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			1.327	0	1.327	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: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							5.308	TONS	

- **Process & Emissions Detail**

Name: P001-17

Source Classification Code (SCC): 3-05-001-03

- **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: 6599

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Shingles	Processed	206045	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	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0	25.24	25.24	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	7.28	7.28	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	7.28	7.28	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	7.28	7.28	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	25.24	25.24	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants								32.52	TONS	

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp; 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
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	5.4E-04	0.	0.0556322	0.0556322	TONs	

## Emission Unit Summary: P002

Oct 11 2011, 11:17:45

Emissions Unit ID: P002

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	0	1.623	1.623	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.17	0.17	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.09	0.09	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		00	0.04	0.04	TONs	
VOC - Volatile Organic Compounds	VOC		0	1.623	1.623	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					1.793	TONS	

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp;  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
Polycyclic Organic Matter	246	0.	0.00204741	0.00204741	TONs

### - Processes

#### - Process & Emissions Detail

Name: P002-20

Source Classification Code (SCC): 3-05-001-03

- **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: 4734

Winter (Dec - Feb)%: 25  
 Spring (March-May)%: 25  
 Summer (June-Aug)%: 25  
 Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Shingles	Processed	7583	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: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X emissions: ENG. JUDGEMENT			0	1.623	1.623	TONs	
Pb - Lead	7439921	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: ENG. JUDGEMENT			0	0.17	0.17	TONs	
PM10 (Filt) - Primary PM10,	PM10-FIL	emissions: ENG.			0	0.09	0.09	TONs	

Filterable Portion Only		JUDGEMENT							
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			00	0.04	0.04	TONs	
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			0	1.623	1.623	TONs	
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							1.793	TONS	

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp; 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
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	5.4E-04	0.	0.00204741	0.00204741	TONs	

## Emission Unit Summary: P004

Oct 11 2011, 11:17:45

Emissions Unit ID: P004

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	0.00	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	6.93	6.93	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0.97	0.97	TONs	
Organic Compounds	OC	X	0	0.03	0.03	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.42	0.42	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.42	0.42	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.42	0.42	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.03	0.03	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	4.78	4.78	TONs	
Total of Chargable Pollutants					8.35	TONS	

### - Processes

#### - Process & Emissions Detail

Name: Blow Still No. 1

Source Classification Code (SCC): 3-06-011-01

#### - 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: 663

Winter (Dec - Feb)%: 25  
 Spring (March-May)%: 25  
 Summer (June-Aug)%: 25  
 Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Asphalt	Produced	16124	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	0.00	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	6.93	6.93	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0.97	0.97	TONs	
Organic Compounds	OC	X emissions: STACK TEST			0	0.03	0.03	TONs	
Pb - Lead	7439921	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: STACK TEST			0	0.42	0.42	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0	0.42	0.42	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0.42	0.42	TONs	
VOC - Volatile Organic Compounds	VOC	emissions: STACK TEST			0	0.03	0.03	TONs	
Ammonia	NH3	emissions:			0	0	0.	TONs	

		ENG. JUDGEMENT							
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	4.78	4.78	TONs	
Total of Chargable Pollutants							8.35	TONS	

## Emission Unit Summary: P005

Oct 11 2011, 11:17:45

Emissions Unit ID: P005

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	6.93	6.93	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0.97	0.97	TONs	
Organic Compounds	OC	X	0	0.03	0.03	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.42	0.42	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.42	0.42	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.42	0.42	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.03	0.03	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	4.78	4.78	TONs	
Total of Chargable Pollutants					8.35	TONS	

### - Processes

#### - Process & Emissions Detail

Name: Blow Still No. 2

Source Classification Code (SCC): 3-06-011-01

#### - 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: 663

Winter (Dec - Feb)%: 25  
 Spring (March-May)%: 25  
 Summer (June-Aug)%: 25  
 Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Asphalt	Produced	16124	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: ENG. JUDGEMENT			0	6.93	6.93	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0.97	0.97	TONs	
Organic Compounds	OC	X emissions: STACK TEST			0	0.03	0.03	TONs	
Pb - Lead	7439921	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: STACK TEST			0	0.42	0.42	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0	0.42	0.42	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0.42	0.42	TONs	
VOC - Volatile Organic Compounds	VOC	emissions: STACK TEST			0	0.03	0.03	TONs	
Ammonia	NH3	emissions:			0	0	0.	TONs	

		ENG. JUDGEMENT							
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	4.78	4.78	TONs	
Total of Chargable Pollutants							8.35	TONS	

# Emission Unit Summary: P901

Oct 11 2011, 11:17:45

Emissions Unit ID: P901

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	0.	0.	0.	TONs	
Pb - Lead	7439921	X	0.	0.	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	1.7	0.	1.7	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.88	0.	0.88	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.48	0.	0.48	TONs	
VOC - Volatile Organic Compounds	VOC		0.	0.	0.	TONs	
Ammonia	NH3		0.	0.	0.	TONs	
CO - Carbon Monoxide	CO		0.	0.	0.	TONs	
Total of Chargable Pollutants					1.7	TONS	

## - Processes

### - Process & Emissions Detail

Name: P901-23

Source Classification Code (SCC): 3-05-040-23

### - 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: 6599

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Material	Processed	81665	100 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: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: ENG. JUDGEMENT			1.63	0	1.63	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0.81	0	0.81	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0.41	0	0.41	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: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							1.63	TONS	

- **Process & Emissions Detail**

Name: P901-22

Source Classification Code (SCC): 3-05-025-06

- **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: 6599

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Product	Produced	16099	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: ENG. JUDGEMENT			0	0	0.	TONs	

NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0.07	0	0.07	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0.07	0	0.07	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0.07	0	0.07	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: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants								0.07	TONS	

## Emission Unit Summary: P902

Oct 11 2011, 11:17:45

Emissions Unit ID: P902

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	0	0	0.	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	1.39	0	1.39	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		1.39	0	1.39	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		1.39	0	1.39	TONs	
VOC - Volatile Organic Compounds	VOC		0	0	0.	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					1.39	TONS	

### - Processes

#### - Process & Emissions Detail

Name: P902-25

Source Classification Code (SCC): 3-05-016-08

#### - 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: 6599

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Limestone	Processed	69610	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: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: ENG. JUDGEMENT			1.39	0	1.39	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			1.39	0	1.39	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			1.39	0	1.39	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: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							1.39	TONS	

## Emission Unit Summary: T003

Oct 11 2011, 11:17:45

Emissions Unit ID: T003

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	6.08	0	6.08	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.26	0	0.26	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.26	0	0.26	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.26	0	0.26	TONs	
VOC - Volatile Organic Compounds	VOC		6.08	0	6.08	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					6.34	TONS	

### - Processes

#### - Process & Emissions Detail

Name: T003-29

Source Classification Code (SCC): 4-04-001-99

#### - 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
Material	Throughput	6900	1000 GALLONS

- 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: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X emissions: ENG. JUDGEMENT			6.08	0	6.08	TONs	
Pb - Lead	7439921	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: ENG. JUDGEMENT			0.26	0	0.26	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0.26	0	0.26	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0.26	0	0.26	TONs	
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			6.08	0	6.08	TONs	

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							6.34	TONS	

## Emission Unit Summary: T006

Oct 11 2011, 11:17:45

Emissions Unit ID: T006

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	2.69	0	2.69	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.11	0	0.11	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.11	0	0.11	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.11	0	0.11	TONs	
VOC - Volatile Organic Compounds	VOC		2.69	0	2.69	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					2.8	TONS	

### - Processes

#### - Process & Emissions Detail

Name: T006-35-TEMP

Source Classification Code (SCC): 3-05-001-31

#### - 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
Asphalt	Throughput	2974	1000 GALLONS

- **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: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X emissions: ENG. JUDGEMENT			2.69	0	2.69	TONs	
Pb - Lead	7439921	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: ENG. JUDGEMENT			0.11	0	0.11	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0.11	0	0.11	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0.11	0	0.11	TONs	
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			2.69	0	2.69	TONs	

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							2.8	TONs	

## Emission Unit Summary: T007

Oct 11 2011, 11:17:45

Emissions Unit ID: T007

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	2.69	0	2.69	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.11	0	0.11	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.11	0	0.11	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.11	0	0.11	TONs	
VOC - Volatile Organic Compounds	VOC		2.69	0	2.69	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					2.8	TONS	

### - Processes

#### - Process & Emissions Detail

Name: T007-36-TEMP

Source Classification Code (SCC): 3-05-001-31

#### - 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
Asphalt	Throughput	2974	1000 GALLONS

- **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: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X emissions: ENG. JUDGEMENT			2.69	0	2.69	TONs	
Pb - Lead	7439921	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: ENG. JUDGEMENT			0.11	0	0.11	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0.11	0	0.11	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0.11	0	0.11	TONs	
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			2.69	0	2.69	TONs	

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							2.8	TONs	