Facility General Information

General facility information to review and update (please use red or blue ink to update).

Section 1: Facility Identifactio

a.) County Code:	097	**b.) Plant ID:**	00103
c.) Facility Name:	HANSON AGGREGATES MIDWEST, INC. SAND		

Section 2: Physical Address:

a.) Source Address:	4200 S. HARDING STREET
b.) Source City and Zip Code:	INDIANAPOLIS, 46217

Section 3: Mailing Address:

a.) Corporate Name:	
b.) Mailing Address:	
c.) Mailing City, State, Zip Code:	,

Section 4: Source Location

a.)	**UTM Vertical:**	4394.697	**UTM Horizontal:**	569.401
b.)	**Latitude:**	394203	**Longitude:**	861126

Section 5: Industrial Classificatio

a.) Primary NAICS Code:	212312	Crushed and Broken Limestone Mining and Quarrying
b.) Primary SIC Code:	1422	Crushed and Broken Limestone

Section 6: Contact Informatio

a.) Emissions Contact Official and Title:	JAMES R. SMITH, ENVIRON. ENGIN.
b.) Emissions Contact Phone Number:	(502) 244-7550
c.) Emissions Contact Fax Number:	
d.) Emissions Contact E-Mail Address:	
e.) Year of Inventory:	2002
f.) Date Updated	
g.) Signature:	

Stack Parameters

Stack Information to Review and Update (please use red or blue ink to update). Use a blank form to add stacks.

Section 7: Stack Information

a.) ID #	b.) Description	c.) Height (ft)	d.) Diameter (ft)	e.) Flow (acfm)	f.) Temp (f)	g.) UTM Vertical or Latitude	h.) UTM Horizontal or
1	SAND&GRAVEL STOR FUG	0	0	0	77	394203	861126

Abatement Equipment Information

Abatement equipment information to review and update (please use red or blue ink to update).
Use a blank form to add abatement equipment.

Section 8: Abatement Equipment

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
1	062	DUST SUPPRESSION BY CHEM STAB - 001, 3

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	90

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
2	061	DUST SUPPRESSION BY WATER SPRA - 001, 3

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	50

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
3	061	DUST SUPPRESSION BY WATER SPRA - 1 , 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	99.999
PM10	PARTICULATE MATTER 10	99.999

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
4	061	DUST SUPPRESSION BY WATER SPRA - 1 , 2

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	99.999
PM10	PARTICULATE MATTER 10	99.999

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
5	061	DUST SUPPRESSION BY WATER SPRA - 1 , 3

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PM10	PARTICULATE MATTER 10	99.999
PT	TOTAL PARTICULATE MATTER	99.999

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
6	061	DUST SUPPRESSION BY WATER SPRA - 2 , 4

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	92.001
PM10	PARTICULATE MATTER 10	92.001

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
7	061	DUST SUPPRESSION BY WATER SPRA - 3 , 6

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	50.001
PM10	PARTICULATE MATTER 10	50.001

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
8	061	DUST SUPPRESSION BY WATER SPRA - 2 , 5

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	92.001
PM10	PARTICULATE MATTER 10	92.001

Group/Process/Emissions Information

Please complete information for Groups, Processes and Emissions (please use red or blue ink to update). All highlighted items must be completed. Use a blank form to add groups, processes, and

Section 9: Group Information

a.) Group Number: 001	**b.) Description:** S&G SCREENING PLANT		
Operating Schedule: **c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: SAND&GRAVEL STOR FUG	
c.) Source Classification Code (SCC): 30502502	d.) Units: Tons Product Produced	
e.) Stack Number: 1	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 9999.9		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	8	0.12	0	
PT	TOTAL PARTICULATE MATTER	9	0.0778	0	
VOC	VOLATILE ORGANIC COMPOUNDS	9	00000000	0	

Section 10. Process Information

a.) Process Number: 2	b.) Description: BULK LOADING	
c.) Source Classification Code (SCC): 30502506	d.) Units: Tons Product Produced	
e.) Stack Number: 1	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 9999.9		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	8	0.0024	0	
PT	TOTAL PARTICULATE MATTER	8	0.02	0	

Section 10. Process Information

a.) Process Number: 3	b.) Description: ROAD HAULING	
c.) Source Classification Code (SCC): 30502504	d.) Units: Miles Vehicle Travelled	
e.) Stack Number: 1	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 9999.9		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 1	m.) Capture Efficiency: 90
k.) Abatement Equipment Order 2	l.) Abatement Equipment ID 2	m.) Capture Efficiency: 50

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PT	TOTAL PARTICULATE MATTER	3	4.59	83.25	

Section 9: Group Information

a.) Group Number: 1	**b.) Description:** PLANT PROCESSING		
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: CRUSHING	
c.) Source Classification Code (SCC): 30502510	d.) Units: Tons Product Produced	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 450		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 3	m.) Capture Efficiency: 99.999

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	.00059	99.998	
PT	TOTAL PARTICULATE MATTER	9	.00124	99.998	

Section 10. Process Information

a.) Process Number: 2	b.) Description: SCREENING	
c.) Source Classification Code (SCC): 30502511	d.) Units: Tons Product Produced	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 450		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 4	m.) Capture Efficiency: 99.999

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	.00084	99.998	
PT	TOTAL PARTICULATE MATTER	9	.00176	99.998	

Section 10. Process Information

a.) Process Number: 3	b.) Description: CONVEYING		
c.) Source Classification Code (SCC): 30502503		d.) Units: Tons Product Produced	
e.) Stack Number: 0		***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***	
j.) Maximum Operation Rate (Units/Hour): 450			
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 5	m.) Capture Efficiency: 99.999	

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	.000048	99.998	
PT	TOTAL PARTICULATE MATTER	9	.000101	99.998	

Section 9: Group Information

a.) Group Number: 2	**b.) Description:** HAUL ROADS		
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 4	b.) Description: UNPAVED HAUL ROADS		
c.) Source Classification Code (SCC): 30502011		d.) Units: Miles Vehicle Travelled	
e.) Stack Number: 0		***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***	
j.) Maximum Operation Rate (Units/Hour): 450			
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 6	m.) Capture Efficiency: 99.999	

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	6.2	92	

Section 10. Process Information

a.) Process Number: 5	b.) Description: PAVED HAUL ROADS	
c.) Source Classification Code (SCC): 30502504	d.) Units: Miles Vehicle Travelled	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 450		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 8	m.) Capture Efficiency: 99.999

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	6.2	92	

Section 9: Group Information

a.) Group Number: 3	**b.) Description:** STOCKPILE STORAGE		
Operating Schedule: c.) Hours/Day:	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 6	b.) Description: STOCKPILE STORAGE	
c.) Source Classification Code (SCC): 30502507	d.) Units: Acres Of Storage Area	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour):		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 7	m.) Capture Efficiency: 99.999

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	2001	50	
PT	TOTAL PARTICULATE MATTER	9	4188	50	