

Attachment L
Emission Unit Data Sheet
(NONMETALLIC MINERALS PROCESSING)

Control Device ID No. (must match List Form):

Equipment Information

1. Plant Type:

Hot-mix asphalt facility that reduces the size of nonmetallic minerals embedded in recycled asphalt pavement

Plant without crushers or grinding mills and containing a stand-alone screening operation

Sand and gravel plant Common clay plant

Crushed stone plant Pumice plant

Other, specify _____

2. Plant Style: Fixed Plant
 Portable Plant

3. Plant Capacity: _____ tons/hr

4. Underground mine: Yes No

5. Storage: Open Enclosed

6. Emission Facility Type	Equipment Type Used	ID Number of Emission Unit	Manufacturer	Model Number/Serial Number	Date of Manufacture
Conveyors					
Crusher					
Secondary Crushers					
Tertiary Crushers					
Grinder					
Hoppers					
Rock Drills					
Screens					
Enclosed Storage					
Other					
Other					
Other					

Emission Facility Type	Operation Rate		Annual Production Tons/year	Number of Units	Air Pollution Control Device Used
	Design Ton/hr	Design Ton/hr			
Conveyors					
Crusher					
Secondary Crushers					
Tertiary Crushers					
Grinder					
Hoppers					
Rock Drills					
Screens					
Enclosed Storage					
Other					
Other					
Other					

7. Provide a diagram and/or schematic that shows the proposed process of the operation or plant. The diagram and/or schematic is to show all sources, components and facets of the operation or plant in an understandable line sequence of the operation. The diagram should include all the equipment involved in the operation; such as conveyors, transfer points, stockpiles, crushers, facilities, vents, screens, truck dump bins, truck, barge and railcar loading and unloading, etc. Appropriate sizing and specifications of equipment should be included in the diagram. The diagram shall logical follow the entire process load-in to load-out.

8. Roads	Paved Miles of Road	Unpaved Miles of Road	Watered		Other Control (Specify)
			Miles	Frequency	
Plant Yard					
Access Roads					

9. Vehicle Type	Mean Vehicle Speed in mph	Mean Vehicle Weight in Tons		Number of Wheels	Distance Traveled per Round Trip	
		Empty	Full		Paved Feet or Miles	Unpaved Feet or Miles
Raw Aggregate						
Loaders						
Product Trucks						
Other						
Other						
Other						
Other						

10. Describe all proposed materials storage facilities associated with the **Emission Units** listed.

Storage Activity

ID of Emission Unit					
Type Storage					
Material Stored					
Typical Moisture Content (%)					
Avg % of material passing through 200 mesh sieve					
Maximum Total Yearly Throughput in storage (tons)					
Maximum Stockpile Base Area (ft²)					
Maximum Stockpile height (ft)					
Dust control method applied to storage					
Method of material load-in to bin or stockpile					
Dust control method applied during load-in					
Method of material load-out to bin or stockpile					
Dust control method applied during load-out					

Storage piles	Estimated Annual Tons	Turnover Rate (Ton/Month)	Wetted as Piled	Number of Sides Enclosed	Other Dust Control	Loading Method (Loader, Conveyor) IN/OUT
Coarse: over 1"						
Fine: 1" to ¼"						
¼" and less						
MFG. Sand						
Other, specify						

Conveying and Transfer

Describe the conveying system including transfer points associated with proposed Emission Units (crushers, etc...).

Describe any methods of emission control to be used with these proposed conveying systems:

Crushing and Screening

ID of Emission Unit						
Type Crusher or Screen						
Material Sized						
Material Sized Throughput:						
Tons/hr						
Tons/yr						
Material sized from/to						
Typical moisture content as crushed or screened (%)						
Dust control methods applied						
Stack Parameters:						
Height (ft)						
Diameter (ft)						
Volume (ACFM)						
Temp (°F)						
Maximum operating schedule:						
Hour/day						
Day/year						
Hour/year						
Approximate Percentage of Operation from:						
Jan – Mar						
April – June						
July – Sept						
Oct – Dec						
Maximum Particulate Emissions:						
LB/HR						
Ton/Year						

List emission sources with request information:

ID of Emission Unit	Type of Emission Unit and Use	Operating Schedule		Max. Amount of Stone Input to Emission (lb/hr)	Crushed or Screened From/To (size)	Date of Emission Unit was Manufacture
		Actual (hrs/yr)	Design (hrs/yr)			

List emission sources with request information:

ID of Emission Unit	Maximum expected emissions from Emission Unit without Air Pollution Control Equipment				
	PM ₁₀ (lbs/hr)	SO ₂ (lbs/hr)	CO (lbs/hr)	NO _x (lbs/hr)	VOC (lbs/hr)

ID of Emission Unit	Maximum expected emissions from Emission Unit without Air Pollution Control Equipment				
	PM ₁₀ (tons/yr)	SO ₂ (tons/yr)	CO (tons/yr)	NO _x (tons/yr)	VOC (tons/yr)

Please fill out a separate Air Pollution Control Device Sheet for each Emission Unit equipped with an air pollution control system.

What type of stone will be quarried at this site?

How will it be quarried?

- Sawing
- Blasting
- Other, Specify:

If blasting is checked, complete the following:

- Frequency of blasting:
- What method of air pollution control will be employed during drilling and blasting?