



FORM 11: ROCK AND SAND PROCESSING PLANTS

Facility ID _____ Facility Name _____ Contact _____

Please fill in all spaces and retain a copy for your records.

A. Report total throughput for the emissions year.

- 1. Raw material throughput _____ tons/year
- 2. Primary crushing/screening throughput _____ tons/year
- 3. Average moisture content _____ %

B. Estimate control factors:

Control devices include baghouses, cyclones, spray systems, or other dust suppression devices.

List all air pollution control devices. Indicate where each device is used below.

Estimate the control efficiency for each device.

Calculate the control factor and enter it into Col. C. Enter "1" for no controls.

$$\text{Control factor} = \frac{100 - \% \text{ efficiency}}{100}$$

Example: A baghouse has 95% control efficiency.

$$\text{Control factor} = \frac{100 - 95}{100} = 0.05$$

Process	# of Process Devices	Control Device(s)	Control Efficiency (%)	Control Factor
Screening				
Crushing				
Conveying				
Pile formation				
Storage piles / wind erosion				
Loading				

C. Attach Process Flow Diagram:

Depict each process device and indicate percent of total raw material input through each process device.