

Lane Regional Air Pollution Authority

Air Quality Program

MINIMAL SOURCE  
AIR CONTAMINANT DISCHARGE PERMIT  
REVIEW REPORT

Ross Bros. & Company, Inc.  
3501 Brookdale Road North  
Salem, Oregon 97303  
(503) 393-5885

Source Test	Compliance Schedule	Report				Excess		NSPS	NSR	PSD	NESHAP	Size	Public Notice
		A	S	O	M	R	N						
N	N	X					X	N	N	N	N	B	Y

## PERMITTING

### PERMITTING ACTION

1. The proposed permit is a new permit for Ross Bros. & Company, Incorporated.

### OTHER PERMITS

2. No other permit has been issued or are required by LRAPA for this source.

### ATTAINMENT STATUS

3. The source is located in an attainment area for all criteria pollutants.

## SOURCE DESCRIPTION

### OVERVIEW

4. The permittee operates a portable rock crushing operation at various locations in Lane County. The maximum capacity for the crusher as reported in the facilities review report is 130 tons per hour.

### PROCESS AND CONTROL DEVICES

5. Existing air contaminant sources at the facility consist of the following:
  - a. Jaw, cone, and impact crusher heads, and conveyor belts, operated in various configurations.
  - b. Water sprays are used to control dust from the crushing operation.
  - c. One (1) 800 kW, No. 2 diesel-fired generator.

## EMISSIONS

6. Emission calculation details are as follows:

Device/Process	Pollutant	Annual Throughput	Emission Factor (Reference)	Emissions (tons/year)
Rock Crusher	PM <sub>10</sub>	300,000 tons	0.006 lb/ton (DEQ)	0.9
Generator	PM <sub>10</sub>	17,860 gallons	0.04 lb/gal (DEQ)	0.4
	NO <sub>x</sub>	17,860 gallons	1.12 lb/gal (DEQ)	10.0
	SO <sub>2</sub>	17,860 gallons	0.08 lb/gal (DEQ)	0.7
	CO	17,860 gallons	0.17 lb.gal (DEQ)	1.5
	VOC	17,860 gallons	0.02 lb/gal (DEQ)	0.2

## MINIMAL PERMIT DETERMINATION

7. LRAPA has determined that the source qualifies as a minimal source for the following reasons:
  - a. Emissions from this source are less than 5 tons per year of particulate matter and less than 10 tons per year for the criteria gaseous pollutants.
  - b. LRAPA will verify if the operation of the facility is in compliance with applicable requirements.

## SPECIAL CONDITIONS

8. Prior to relocating the plant, the permittee must obtain approval from the local land use authority and notify the Lane Regional Air Pollution Authority of the pending move.

## NESHAPS/MACT APPLICABILITY

9. This source is not within a category for which a NESHAPS standard is scheduled to be promulgated.

## NSPS APPLICABILITY

10. This source may be subject to 40 CFR Part 60, Subpart OOO. Oregon has not adopted the regulation for sources of this size, but the regulation may impose requirements on the source which are implemented by the US EPA.

## REPORTS

11. The permittee is required to keep production and fuel records on site, and to make these available to LRAPA staff upon request. An annual report summarizing these records must be submitted to LRAPA.

## PUBLIC NOTICE

12. The draft permit was placed on public notice from May 23, 2000, to June 22, 2000. No written comments were received during this 30-day comment period

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6/26/00