

Lane Regional Air Protection Agency  
**Minimal Source Air Contaminant Discharge Permit**

**REVIEW REPORT**

**Lafarge North America**

**Permit No. 204744**

**PERMITTING**

**Permitting Action**

1. The permit is a renewal for an existing facility. The permit for the facility expired on May 23, 2007. The primary reason for this permit action is to issue the renewed permit.

**Other Permits**

2. No other permits have been issued or are required by LRAPA for this facility.

**Attainment Status**

3. The facility is located in an attainment area for all pollutants except PM<sub>10</sub> (particulate matter less than 10 microns in size). The Eugene/ Springfield Air Quality Management Area is a non-attainment area for PM<sub>10</sub>.

**SOURCE DESCRIPTION**

**Overview**

4. The facility operates a cement distribution process at 90801 Highway 99 North in Eugene. The facility controls PM (particulate matter)/PM<sub>10</sub> emissions by the use of two (2) High Energy Pulse Cleaned Cartridge Dust Collectors. Total cement distributed for the facility is approximately 40,000 tons of cement. Baseline Emissions were not set in the permit because the source is well below the Significant Emission Rates as listed in Title 38 of LRAPA=s Rules and Regulations. The facility operates 2,860 hours per year (11 hours per day, 5 days per week, and 52 weeks per year).

**Process and Control Devices**

5. Existing air contaminant sources at the facility consist of the following:
  - a. Railcar unloading dust collector (Dust Collector #2);
  - b. Truck unloading dust collector (Dust Collector#3);
  - c. Truck unloading (loading chute) (Dust Collector#3);
  - d. Bootlift for railcar unloading (Dust Collector #2); and
  - e. Storage silos (Dust Collector #4)

The facility received an Approval to Construct (NC-204744-A07) on September 13, 2007 to upgrade the existing rail car offloading system including the addition of a new dust collector system (referred to as "Dust Collector #4 by this review report). The new system would reduce the offloading time from approximately 3 hours to 1.5 hours.

**EMISSIONS**

6. The pollutants of concern associated with this facility are PM and PM<sub>10</sub>. Emissions of PM are estimated to be 2.2 tons per year. The other criteria pollutants are emitted at negligible levels. Emission calculation details are as follows:

Emission Point Description	Flow Rate* (acfm)	Emission Factor** (gr/acfm)	Annual Emissions (tons/yr)
Dust Collector 2	1810	0.01	0.7
Dust Collector 3	1995	0.01	0.7
Dust Collector 4	2000	0.01	0.8
<b>TOTAL</b>			<b>2.2 tons/yr</b>

\* Flow rate units are in actual cubic feet per minute (acfm).

\*\*Emission factor from manufacturer. Units are in grains per cubic foot (gr/acfm).

#### MINIMAL PERMIT DETERMINATION

7. LRAPA has determined that the facility qualifies as a minimal source for the following reason:

Emissions from this facility are estimated to be less than 5 tons per year of particulate matter and less than 10 tons per year for the criteria gaseous pollutants.

#### SPECIAL CONDITIONS

8. There are no special conditions specified in the permit.

#### NESHAPS/MACT APPLICABILITY

9. There are no sources at this facility for which NESHAPS/MACT standards have been promulgated.

#### NSPS APPLICABILITY

10. There are no sources at this facility for which NSPS standards have been promulgated.

#### PUBLIC NOTICE

11. The draft permit was on public notice from October 5, 2007 to November 5, 2007. No written comments were submitted during the 30-day comment period.