



## BASIC AIR CONTAMINANT DISCHARGE PERMIT

Lane Regional Air Protection Agency  
1010 Main Street  
Springfield, OR 97477  
(541) 736-1056

This permit is being issued in accordance with the provisions of LRAPA's Rules and Regulations and based on the land use compatibility findings included in the permit record.

**ISSUED TO:**

Nation's Mini-Mix, Inc.  
811 53<sup>rd</sup> Street  
Springfield, Oregon 97478

**INFORMATION RELIED UPON:**

Application No.: 68457 & 69193  
Date Received: June 17, 2022 &  
January 26, 2023

**PLANT SITE LOCATION:**

811 53<sup>rd</sup> Street  
Springfield, Oregon 97478

**LAND USE COMPATIBILITY  
STATEMENT:**

Approving Authority: City of Springfield  
Approval Date: January 26, 2023

**ISSUED BY THE LANE REGIONAL AIR PROTECTION AGENCY**

*Steven A. Dietrich*

Steven A. Dietrich, Director

*2-22-23*

Dated

Source(s) Permitted to Discharge Air Contaminants (LRAPA Section 37-0020):

Table 1 Code	Source Description	SIC
Part A: 3	Concrete manufacturing including redimix and CTB, both stationary and portable, more than 5,000 but less than 25,000 cubic yards per year output.	3273

## 1.0 PERMIT ISSUANCE

- 1.1 Permitted Activities** The permittee is allowed to discharge air contaminants from processes and activities related to the air contaminant source(s) listed on the first page of this permit until this permit expires, is modified, revoked or rescinded, as long as the permittee complies with the conditions of this permit. If there are other emissions activities occurring at the site besides those listed on the cover page of this permit, the permittee may be required to obtain a General, Simple or Standard ACDP, if applicable.

## 2.0 GENERAL EMISSION STANDARDS AND LIMITS

- 2.1 Production Limits** The permittee is prohibited from producing more than 25,000 cubic yards of concrete in a calendar year without first notifying LRAPA. [LRAPA 32-009(4)]
- 2.2 Visible Emission Limits** The permittee must not allow emissions from any air contaminant source to equal or exceed an average of 20% opacity for a period or periods aggregating more than three (3) minutes in any one (1) hour. "Opacity means the degree to which an emission reduces the transmission of light and obscures the view of an object in the background. The aggregate times consist of the total duration of all readings during the observation period that are equal or greater than 20% opacity, whether or not the readings are consecutive. Each observation represents 15 seconds of time. The visible emissions standard in this condition does not apply to fugitive emissions from the source. [LRAPA 32-010]
- 2.3 Particulate Matter Emissions** Particulate matter emissions from any air contaminant source, other than fugitive emission sources, must not exceed:
- a. 0.14 grains per dry standard cubic foot for sources installed, constructed or modified prior to April 16, 2015; and [LRAPA 32-015(2)(b)]
  - b. 0.10 grains per dry standard cubic foot for sources installed, constructed or modified after April 16, 2015. [LRAPA 32-015(2)(c)]
- 2.4 Fugitive Emissions** The permittee must take reasonable precautions to prevent particulate matter from becoming airborne. [LRAPA 48-015]

- 2.5 Particulate Matter Fallout** The permittee must not cause or permit the emission of particulate matter larger than 250 microns in size at such duration or quantity as to create an observable deposition upon the real property of another person. [LRAPA 32-055]
- 2.6 Nuisance and Odors** The permittee must not cause or allow air contaminants from any source to cause a nuisance. Nuisance conditions will be verified by LRAPA personnel. [LRAPA 49-010]

### **3.0 OPERATION AND MAINTENANCE REQUIREMENTS**

- 3.1 Operation of Pollution Control Devices and Processes** The permittee must operate and maintain air pollution control devices and emission reduction processes at the highest reasonable efficiency and effectiveness to minimize emissions. Air pollution control devices and components must be in operation and functioning properly at all times when the associated emission source is operating. [LRAPA 32-007(1)]

### **4.0 RECORDKEEPING REQUIREMENTS**

- 4.1 Monitoring Requirements** The permittee must monitor and maintain records of the operation and maintenance of the plant as required in Condition 5.2. [LRAPA 34-016(1)]
- 4.2 Operation and Maintenance** The permittee must maintain all records associated with operation and maintenance of the plant and associated air contaminant control devices, including, but not limited to, calculations, production records and maintenance records. [LRAPA 34-016(1)]
- 4.3 Excess Emissions** The permittee must maintain records of excess emissions as defined in LRAPA Title 36 (recorded on occurrence). Typically, excess emissions are caused by process upsets, startups, shutdowns, or scheduled maintenance. Excess emissions are evident when visible emissions are greater than 20% opacity for three minutes or more in any 60-minute period. [LRAPA 36-025]
- 4.4 Complaint log** The permittee must maintain a log of all written complaints and complaints received via telephone, fax, or email that specifically refer to air pollution concerns associated to the permitted facility. The log must include a record of the permittee's actions to investigate the validity of each

complaint and a record of actions taken for complaint resolution. [LRAPA 34-016(1)]

- 4.5 Retention of Records** Unless otherwise specified, all records must be maintained on site for a period of five (5) years and must be made available to LRAPA upon request. [LRAPA 34-016(5)]

## **5.0 REPORTING REQUIREMENTS**

- 5.1 Excess Emissions** The permittee must notify LRAPA by telephone or in person of any excess emissions which are of a nature that could endanger public health. [LRAPA 36-020]

- a. Such notice must be provided as soon as possible, but never more than one (1) hour after becoming aware of the problem. Notice must be made to the LRAPA office identified in Condition 6.2.
- b. If the excess emissions occur during non-business hours, the permittee must notify LRAPA by calling the Oregon Emergency Response System (OERS). The current phone number is 1-800-452-0311.
- c. The permittee must also submit follow-up reports when required by LRAPA.

- 5.2 Annual Report** The permittee must submit to LRAPA by **February 15** of each year this permit is in effect, two (2) copies of the following information for the preceding calendar year: [LRAPA 34-016(2)]

- a. Operating parameters:
  - i. The amount of concrete produced on an annual basis in cubic yards.
- b. Records of all planned and unplanned excess emissions events.
- c. A summary of complaints relating to air quality received by the permittee.
- d. A list of permanent changes made in plant processes, production levels, and pollution control equipment which affected air contaminant emissions.
- e. A list of major maintenance performed on pollution control equipment.

- 5.3 Notice of Change of Ownership or Company Name** The permittee must notify LRAPA in writing using a LRAPA "Permit Application Form" within 60 days after the following: [LRAPA 37-0030(4)]
- a. Legal change of the name of the company as registered with the Corporation Division of the State of Oregon; or.
  - b. Sale or exchange of the activity or facility.
- 5.4 Construction or Modification Notices** The permittee must notify LRAPA in writing using a LRAPA "Notice of Construction Form," or "Permit Application Form," and obtain approval in accordance with LRAPA 34-010 through 34-038 before:
- a. Constructing, installing, or establishing a new source that will cause an increase in any regulated pollutant emissions; [LRAPA 34-034(1)]
  - b. Making a physical change or change in operation of an existing source that will cause an increase, on an hourly basis at full production, in any regulated pollutant emissions; or [LRAPA 34-034(2)]
  - c. Constructing or modifying any air pollution control device. [LRAPA 34-034(3)]
- 5.5 Where to Send Reports and Notices** The reports, with the permit number prominently displayed, must be sent to LRAPA as identified in Condition 6.2.

## **6.0 ADMINISTRATIVE REQUIREMENTS**

- 6.1 Renewal of the Basic Permit** A complete application for renewal of this permit is due within 30 days prior to expiration. [LRAPA 37-0040(2)(b)(A)]
- a. If LRAPA is delinquent in renewing the permit, the existing permit will remain in effect and the permittee must comply with the conditions of the permit until such time that the permit is renewed.
  - b. The permittee may submit an application for either a General, Simple or Standard ACDP at any time, but the permittee must continue to comply with the Basic ACDP until LRAPA takes final action on the General, Simple or Standard ACDP application.

- c. If a complete application for renewal of the Basic ACDP or a General, Simple or Standard ACDP application is filed with LRAPA in a timely manner, the permit will not be deemed to expire until final action has been taken on the application.

**6.2 LRAPA Address and Contact Number** All reports, notices, and applications should be directed to the LRAPA office. The LRAPA address is as follows:

Lane Regional Air Protection Agency  
1010 Main Street  
Springfield, OR 97477  
Telephone: (541) 736-1056

**6.3 LRAPA Website** Information about air quality permits and LRAPA's regulations may be obtained from the LRAPA web page at [www.lrapa.org](http://www.lrapa.org).

## 7.0 FEES

**7.1 Annual Fees** The Annual Fees specified in LRAPA Title 37, Section 37-8020, Table 2, Parts 2 and 3 for a Basic ACDP are due on **December 1** of each year this permit is in effect. An invoice indicating the amount, as determined by LRAPA regulations, will be mailed prior to the above date.  
[LRAPA 37-0056(2)]

**7.2 Where to Submit Fees** Fees must be submitted to:

Lane Regional Air Protection Agency  
1010 Main Street  
Springfield, OR 97477  
Telephone: (541) 736-1056

## 8.0 GENERAL CONDITIONS

**8.1 Other Regulations** In addition to the specific requirements listed in this permit, the permittee must comply with all other legal requirements enforceable by LRAPA. [ORS 468A.060 and LRAPA 12-001(2)]

**8.2 Conflicting Conditions** In any instance in which there is an apparent conflict relative to conditions in this permit, the most stringent conditions apply.

- 8.3 Masking of Emissions** The permittee must not cause or permit the installation of any device or use any means designed to mask the emissions of an air contaminant that causes or is likely to cause detriment to health, safety, or welfare of any person or otherwise violate any other regulation or requirement. [LRAPA 32-050]
- 8.4 LRAPA Access** The permittee must allow LRAPA's representatives access to the plant site and pertinent records at all reasonable times for the purposes of performing inspections, surveys, collecting samples, obtaining data, reviewing and copying air contaminant emissions discharge records and conducting all necessary functions related to this permit in accordance with LRAPA section 13-020. [ORS 468.095(1) and LRAPA 13-020(1)(h)].
- 8.5 Permit Availability** The permittee must have a copy of the permit available at the facility at all times. [LRAPA 37-0020(3)]
- 8.6 Outdoor Burning** The permittee may not conduct any outdoor burning except as allowed by LRAPA Title 47. [LRAPA 47-015(4) & (5)]
- 8.7 Asbestos** The permittee must comply with the asbestos abatement requirements in LRAPA Title 43 for all activities involving asbestos-containing materials, including, but not limit to, demolition, renovation, repair, construction, and maintenance.
- 8.8 Property Rights** The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.
- 8.9 Termination, Revocation, or Modification** LRAPA may modify or revoke this permit as authorized under LRAPA Title 37, Section 37-0082 and Section 37-0084.

## 9.0 ABBREVIATIONS, ACRONYMS, AND DEFINITIONS

ACDP	Air Contaminant Discharge Permit	NSR	New Source Review
ASTM	American Society for Testing and Materials	O <sub>2</sub>	Oxygen
AQMA	Air Quality Maintenance Area	OAR	Oregon Administrative Rules
calendar year	The 12-month period beginning January 1st and ending December 31st	ORS	Oregon Revised Statutes
CFR	Code of Federal Regulations	O&M	Operation and maintenance
CO	Carbon monoxide	Pb	Lead
CPDS	Certified Product Data Sheet	PCD	Pollution control device
DEQ	Oregon Department of Environmental Quality	PM	Particulate matter
dscf	Dry standard cubic foot	PM <sub>10</sub>	Particulate matter less than 10 microns in size
EPA	US Environmental Protection Agency	ppm	Part per million
FCAA	Federal Clean Air Act	PSD	Prevention of Significant Deterioration
gal	Gallon(s)	PSEL	Plant Site Emission Limit
gr/dscf	Grains per dry standard cubic foot	PTE	Potential to Emit
HAP	Hazardous Air Pollutant as defined by LRAPA Title 44	RACT	Reasonably Available Control Technology
ID	Identification number	scf	Standard cubic foot
I&M	Inspection and maintenance	SDS	Safety Data Sheet
lb	Pound(s)	SER	Significant Emission Rate
MMBtu	Million British thermal units	SIC	Standard Industrial Code
NA	Not applicable	SIP	State Implementation Plan
NESHAP	National Emissions Standards for Hazardous Air Pollutants	SO <sub>2</sub>	Sulfur dioxide
NO <sub>x</sub>	Nitrogen oxides	Special Control Area	As defined in LRAPA Title 29
NSPS	New Source Performance Standard	VE	Visible emissions
		VOC	Volatile organic compound
		year	A period consisting of any 12-consecutive calendar months

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 2/21/2023





Lane Regional Air Protection Agency

**BASIC  
AIR CONTAMINANT DISCHARGE PERMIT  
REVIEW REPORT**

Nation's Mini-Mix, Inc.  
811 53<sup>rd</sup> Street  
Springfield, Oregon 97478

Reports			NSPS	NESHAP	Public Notice
Annual	Semi-annual	Excess Emissions			
Feb 15	NA	X	NA	NA	I

1. The proposed permit is for a new facility located at 811 53<sup>rd</sup> Street in Springfield, Oregon. The permit is a new Basic Air Contaminant Discharge Permit (ACDP) and a Registered Source for their gasoline dispensing facility operation.
2. The permittee manufactures concrete. The facility has containment areas with rock, sand, water and cement - the constituents to make concrete. The rock, sand, water and cement are then measured and loaded into separate bins on the concrete trucks. Once the trucks are on site, the individual constituents are combined to make concrete. The facility currently operates seven (7) mixer trucks. The facility has a portable quick-set cement silo that is operated with a portable 40 horsepower Caterpillar diesel-fired engine that are stored on site when it is not in use.
3. This facility qualifies for a Basic ACDP because the actual concrete manufacturing is more than 5,000 cubic yards but less than 25,000 cubic yards per year of concrete output.
4. The facility is located in an area that has been designated an attainment area or unclassified for PM, PM<sub>2.5</sub>, ozone (VOC), CO, NO<sub>2</sub>, SO<sub>2</sub>, and Pb. The facility is located in the Eugene-Springfield UGB as defined in LRAPA 29-0010 for designating the PM<sub>10</sub> and CO maintenance areas. The facility is within the Eugene-Springfield UGB as listed in the most currently acknowledged Eugene-Springfield Metropolitan Area General Plan.
5. LRAPA has determined that sources that qualify for a Basic ACDP will not have significant emissions. In most cases, the emissions will not exceed 5 tons of PM or PM<sub>10</sub> or 10 tons of any other pollutant. Therefore, the Basic ACDP does not include Plant Site Emission Limits and it is not necessary to estimate emissions for each individual source.
6. Pursuant to subsection 37-0056(4), issuance of a new or renewed Basic Air Contaminant Discharge Permit requires public notice in accordance with paragraph 31-0030(3)(a). Therefore, there will be no prior notice or public participation. However, LRAPA will maintain a list of all permit actions processed under Category I and make the list available for public review.

**Detail Sheet:**

<b>Nation's Mini-Mix, Inc.</b>		<b>Permit No. 205825</b>		
<b>New Basic: 6/17/2022</b>		<b>Permit Writer: BAE</b>		
<b>INFORMATION</b>				
<b>Emission Device or activity</b>	<b>Pollutant</b>	<b>Emission Factor (EF)</b>	<b>Emission Factor Units</b>	
Concrete Production	PM/PM <sub>10</sub>	0.02	lb/cubic yard of concrete	
	PM <sub>2.5</sub>	0.0059		
Maximum Allowable Concrete Production		25,000	lb/cubic yards	
Conversion Factor from pounds to tons		2000	lb/ton	
<b>Maximum Concrete Production Emissions</b>				
<b>Pollutant</b>	<b>Max. Production</b>	<b>EF</b>	<b>Conversion Factor</b>	<b>Pollutant Emission (tons per year)</b>
<b>PM/PM<sub>10</sub></b>	25,000	0.02	2000	<b>0.25</b>
<b>PM<sub>2.5</sub></b>	25,000	0.0059	2000	<b>0.074</b>

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 2/21/2023