



**BASIC  
AIR CONTAMINANT DISCHARGE PERMIT**

Lane Regional Air Protection Agency  
1010 Main Street  
Springfield, OR 97477  
Telephone: (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:**

Truelove Coffee, LLC  
150 4th Street  
Springfield, OR, 97477

**INFORMATION RELIED UPON:**

Application No.: 69594  
Date Received: April 25, 2023

**PLANT SITE LOCATION:**

150 4th Street  
Springfield, OR, 97477

**LAND USE COMPATIBILITY  
STATEMENT:**

Approving Authority: City of Springfield  
Approval Date: March 22, 2023

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

*Steven A. Dietrich*

Steven A. Dietrich, Director

*6-23-23*

Dated

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

Table 1 Code	Source Description	SIC
Part A, 10	Coffee Roasting, roasting less than 30 green tons per year.	2095

## 1.0 PERMIT ISSUANCE

- 1.1 Qualifications** All of the following conditions must be met in order to qualify for this permit:
- a. The permittee is performing coffee roasting as described on the cover page of this permit, including supporting activities.
  - b. A General, Simple or Standard ACDP is not required for the source.
  - c. The source is not having ongoing, recurring or serious compliance problems.
- 1.2 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air contaminant source(s) listed on the first page of this permit until this permit expires, is modified, revoked or rescinded as long as the permittee complies with the conditions of this permit.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 roasting more than 30 green tons of coffee in a calendar year without first notifying LRAPA. [LRAPA 37-0020(5)]
- 2.2 Visible Emissions** The permittee must comply with the following visible emission limits, as applicable:
- a. Emissions from any air contaminant source must not equal or exceed 20% opacity for a period or periods aggregating more than three minutes in any one hour. [LRAPA 32-010(3)]
  - b. Observations must be recorded at 15-second intervals as specified in LRAPA 32-010(2).
  - c. The visible emissions standard in this condition does not apply to fugitive emissions from the source. [LRAPA 32-010(1)]
- 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. [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 for preventing fugitive dust emissions. [LRAPA 48-015]

**2.5 Particulate Matter Fallout** The permittee must not cause or permit the emission of any particulate matter larger than 250 microns in size at sufficient 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 Operating, Maintenance, and Work Practice Requirements** The permittee must operate and maintain air pollution control equipment and emission reduction processes at the highest reasonable efficiency and effectiveness to minimize emissions. [LRAPA 32-007]

**3.2 Afterburner Operation** If the permittee has installed an afterburner to control odor or visible emissions, then the following conditions must be met: [LRAPA 32-007(1)(b)]

- a. Gas effluents from process afterburners must be maintained at:
  - i. A temperature of 1,400°F for at least a 0.5-second residence time; or
  - ii. An alternative temperature and/or residence time approved by LRAPA.
- b. The permittee must maintain and operate a continuous monitoring system for final combustion chamber temperature; and
- c. The monitoring system must be installed and operated in accordance with the manufacturer's instructions. The continuous temperature monitor and all associated equipment must be calibrated at least once per calendar year.

## 4.0 RECORDKEEPING REQUIREMENTS

- 4.1 Monitoring Requirements** The permittee must monitor and maintain records of the operation and maintenance of the plant and associated air contaminant control devices as follows: [LRAPA 34-016(1)]
- a. Amount of green product roasted per month – tons
  - b. Amount of fuel used per month –
    - i. Natural gas – cubic feet, therms, or Btu;
    - ii. Propane – gallons or Btu; or
    - iii. Other fuels as approved by LRAPA.
  - c. Continuous temperature measurements in the final combustion chamber of the afterburner (if applicable) – °F
- 4.2 Operation and Maintenance** The permittee must maintain all records associated with continuous monitoring data, including, but not limited to, original data sheets, charts, calculations, calibration data, production records and final reports related to the operation and maintenance of the plant and associated air contaminant control devices. [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 a period or periods aggregating more than three minutes in any one hour. [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 will 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 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 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 the following information for the preceding calendar year: [LRAPA 34-016(2)]
- a. Operating parameters:
    - i. Amount of raw (green) beans roasted (tons per calendar year)
    - ii. Amount of fuel, as detailed in Condition 4.1b, used per calendar year.
  - b. Records of all planned and unplanned excess emissions events.
  - c. Summary of complaints relating to air quality received by the permittee during the year.
  - d. List permanent changes made in plant process, production levels, and pollution control equipment which affected air contaminant emissions.
  - e. 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 Corporations 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 General, Simple or Standard ACDP 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 the 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, Part 2.b. and 3.b. 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 AND DISCLAIMERS

- 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.
- 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 ORS 468-095.
- 8.5 Permit Availability** The permittee must have a copy of the permit available at the facility at all times.
- 8.6 Outdoor Burning** The permittee may not conduct any outdoor burning except as allowed by LRAPA title 47.
- 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 terminate, modify or revoke this permit in accordance with 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
		O <sub>2</sub>	Oxygen
ASTM	American Society for Testing and Materials	OAR	Oregon Administrative Rules
		ORS	Oregon Revised Statutes
AQMA	Air Quality Maintenance Area	O&M	Operation and maintenance
		Pb	Lead
calendar year	The 12-month period beginning January 1st and ending December 31st	PCD	Pollution control device
		PM	Particulate matter
CFR	Code of Federal Regulations	PM <sub>10</sub>	Particulate matter less than 10 microns in size
CO	Carbon monoxide		
DEQ	Oregon Department of Environmental Quality	ppm	Part per million
		PSD	Prevention of Significant Deterioration
dscf	Dry standard cubic foot		
EPA	US Environmental Protection Agency	PSEL	Plant Site Emission Limit
		PTE	Potential to Emit
FCAA	Federal Clean Air Act	RACT	Reasonably Available Control Technology
gal	Gallon(s)		
gr/dscf	Grains per dry standard cubic foot	scf	Standard cubic foot
		SER	Significant Emission Rate
HAP	Hazardous Air Pollutant as defined by LRAPA title 44	SIC	Standard Industrial Code
		SIP	State Implementation Plan
ID	Identification number	SO <sub>2</sub>	Sulfur dioxide
I&M	Inspection and maintenance	Special Control Area	As defined in LRAPA title 29
lb	Pound(s)		
MMBtu	Million British thermal units	VE	Visible emissions
NA	Not applicable	VOC	Volatile organic compound
NESHAP	National Emissions Standards for Hazardous Air Pollutants	year	A period consisting of any 12-consecutive calendar months
NO <sub>x</sub>	Nitrogen oxides		
NSPS	New Source Performance Standard		

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6/23/2023



Lane Regional Air Protection Agency

**BASIC  
 AIR CONTAMINANT DISCHARGE PERMIT  
 REVIEW REPORT**

Truelove Coffee, LLC  
 150 4th Street  
 Springfield, OR, 97477  
 541-214-1519

Email: [palacecoffeebakery@gmail.com](mailto:palacecoffeebakery@gmail.com)

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

1. The proposed permit is a new permit for a new facility located at 150 4<sup>th</sup> Street in Springfield, Oregon.
2. The permittee operates a coffee roasting facility. The facility operates one (1) San Franciscan SF-25 natural gas-fired roaster that has a maximum design capacity of 100 pounds per hour, although the expected maximum roasting throughput for this facility is approximately 80 pounds per hour. The roaster is equipped with an afterburner that operates at a design temperature of 1,250°F.
3. This facility qualifies for a Basic ACDP because the production will be less than 30 green tons of roasted coffee per year.
4. The facility is located in the Eugene Springfield Air Quality Management Area. The facility is located in an area designated an attainment area for PM<sub>2.5</sub>, NO<sub>2</sub>, SO<sub>2</sub>, Ozone, and Pb and a maintenance area for CO and PM<sub>10</sub>.
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 LRAPA section 37-0056(4), issuance of a new or renewed Basic Air Contaminant Discharge Permit requires public notice in accordance with LRAPA section 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.

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 6/23/2023