



STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION
17 STATE HOUSE STATION | AUGUSTA, MAINE 04333-0017
DEPARTMENT ORDER

Carroll Materials, LLC
York County
Limerick, Maine
A-478-71-T-M

Departmental
Findings of Fact and Order
Air Emission License
Amendment #1

Findings of Fact

After review of the air emission license amendment application, staff investigation reports, and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 Maine Revised Statutes (M.R.S.) § 344 and § 590, the Maine Department of Environmental Protection (Department) finds the following facts:

I. Registration

A. Introduction

Carroll Materials, LLC (Carroll) was issued Air Emission License A-478-71-S-R/A on March 2, 2026, for the operation of emission sources associated with their hot mix asphalt, concrete batch plant, and crushed stone and gravel facility.

Carroll has requested a minor revision to their license in order to remove the concrete batch plant, Boiler #3, and Parts Washer #1 from their license.

The facility and main office are located at 25 Doles Ridge Road, Limerick, Maine.

This license completes the processing of applications with submission number 603582 as assigned by the Department (accepted 6/10/2026).

B. Emission Equipment

The following equipment is addressed in this air emission license amendment:

Heating Equipment

Equipment	Max. Input Capacity	Fuel Type	Maximum Firing Rate	Date of Manuf.
<i>Boiler #3 ^A</i>	<i>4.2 MMBtu/hr</i>	<i>Distillate Fuel</i>	<i>30 gal/hr</i>	<i>1999</i>

^A Removed from the license

Concrete Plant

Equipment	Production Rate (cubic yards/hour)	Control Device
<i>Concrete Batch Plant ^A</i>	<i>80</i>	<i>baghouse</i>

^A Removed from the license

Parts Washers

Equipment	Capacity	Solvent
<i>Parts Washer #1 ^A</i>	<i>30 gal.</i>	<i>Kerosene</i>

^A Removed from the license

C. Application Classification

All rules, regulations, or statutes referenced in this air emission license refer to the amended version in effect as of the date this license was issued.

This amendment will not increase licensed emissions of any pollutant. Therefore, this amendment is determined to be a minor revision and has been processed as such.

D. Facility Classification

With the asphalt production limit on the Batch Mix Asphalt Plant, the facility is licensed as follows:

- As a synthetic minor source of air emissions for criteria pollutants, because Carroll is subject to license restrictions that keep facility emissions below major source thresholds for CO; and
- As an area source of hazardous air pollutants (HAP), because the licensed emissions are below the major source thresholds for HAP.

II. **Best Practical Treatment (BPT)**

A. Introduction

In order to receive a license, the applicant must control emissions from each unit to a level considered by the Department to represent Best Practical Treatment (BPT), as defined in *Definitions Regulation*, 06-096 C.M.R. ch. 100. Separate control requirement categories exist for new and existing equipment.

BPT was established in Air Emission License A-478-71-S-R/A (March 2, 2026). A BPT analysis is not required for this minor revision since it will result in no increases in emissions.

B. Concrete Batch Plant, Boiler #3, and Parts Washer #1

The Concrete Batch Plant, Boiler #3, and Parts Washer #1 have been sold, with the sale completed by June 18, 2026. Carroll has requested the Concrete Batch Plant, Boiler #3, and Parts Washer #1 be removed from their license.

C. Annual Emissions

The table below provides an estimate of facility-wide annual emissions for the purposes of calculating the facility's annual air license fee and establishing the facility's potential to emit (PTE). Only licensed equipment is included, i.e., emissions from insignificant activities are excluded. Similarly, unquantifiable fugitive particulate matter emissions are not included except when required by state or federal regulations. Maximum potential emissions were calculated based on the following assumptions:

- Processing 365,000 ton/year of asphalt; and
- Operating the Hot Oil Heater for 8,760 hr/yr.

This information does not represent a comprehensive list of license restrictions or permissions. That information is provided in the Order section of this license.

Total Licensed Annual Emissions for the Facility
Tons/year
(used to calculate the annual license fee)

	PM	PM ₁₀	PM _{2.5}	SO ₂	NO _x	CO	VOC
Batch Mix Asphalt Plant	3.8	3.8	3.8	0.8	4.6	73.0	1.5
Hot Oil Heater	0.5	0.5	0.5	-	1.3	0.7	0.1
Total TPY	4.3	4.3	4.3	0.8	5.9	73.7	1.6

Pollutant	Tons/year
Single HAP	7.9
Total HAP	19.9

Order

Based on the above Findings and subject to conditions listed below, the Department concludes that the emissions from this source:

- will receive Best Practical Treatment,
- will not violate applicable emission standards, and
- will not violate applicable ambient air quality standards in conjunction with emissions from other sources.

The Department hereby grants Air Emission License Amendment A-478-71-T-M subject to the conditions found in Air Emission License A-478-71-S-R/A with the exception of Conditions (18) and (20), which are hereby deleted per this license amendment.

Severability. The invalidity or unenforceability of any provision of this License Amendment or part thereof shall not affect the remainder of the provision or any other provisions. This License Amendment shall be construed and enforced in all respects as if such invalid or unenforceable provision or part thereof had been omitted.

Specific Conditions

Conditions (18) and (20) of Air Emission License A-478-71-S-R/A are deleted.

The following shall replace Condition (25) of Air Emission License A-478-71-S-R/A:

(25) **Parts Washer #2**

Parts Washer #2 at Carroll are subject to *Solvent Cleaners*, 06-096 C.M.R. ch. 130.

- A. Carroll shall keep records of the amount of solvent added to each parts washer. [06-096 C.M.R. ch. 115, BPT]
- B. Carroll must use a solvent with a vapor pressure of 1.00 mmHg, or less, at 20 °C (68 °F). [06-096 C.M.R. ch. 130 § (3)(E)]
- C. The following are exempt from the requirements of 06-096 C.M.R. ch. 130. [06-096 C.M.R. ch. 130]
 1. Solvent cleaners using less than two liters (68 oz.) of cleaning solvent with a vapor pressure of 1.00 mmHg, or less, at 20° C (68° F);
 2. Wipe cleaning; and,
 3. Cold cleaning machines using solvents containing less than or equal to 5% VOC by weight.

- D. The following standards apply to cold cleaning machines that are applicable sources under 06-096 C.M.R. ch. 130.
1. Carroll shall attach a permanent conspicuous label to each unit summarizing the following operational standards:
 - a. Waste solvent shall be collected and stored in closed containers.
 - b. Cleaned parts shall be drained of solvent directly back to the cold cleaning machine by tipping or rotating the part for at least 15 seconds or until dripping ceases, whichever is longer.
 - c. Flushing of parts shall be performed with a solid solvent spray that is a solid fluid stream (not a fine, atomized or shower type spray) at a pressure that does not exceed 10 psig. Flushing shall be performed only within the freeboard area of the cold cleaning machine.
 - d. The cold cleaning machine shall not be exposed to drafts greater than 40 meters per minute when the cover is open.
 - e. Sponges, fabric, wood, leather, paper products and other absorbent materials shall not be cleaned in the parts washer.
 - f. When a pump-agitated solvent bath is used, the agitator shall be operated to produce no observable splashing of the solvent against the tank walls or the parts being cleaned. Air agitated solvent baths may not be used.
 - g. Spills during solvent transfer shall be cleaned immediately. Sorbent material used to clean spills shall then be immediately stored in closed containers.
 - h. Work area fans shall not blow across the opening of the parts washer unit.
 - i. The solvent level shall not exceed the fill line.
 2. The remote reservoir cold cleaning machine shall be equipped with a perforated drain with a diameter of not more than six inches.

Carroll Materials, LLC
York County
Limerick, Maine
A-478-71-T-M

|
|
|
6

**Departmental
Findings of Fact and Order
Air Emission License
Amendment #1**

3. The parts washer shall be equipped with a cover that shall be closed at all times except during cleaning of parts or the addition or removal of solvent.
[06-096 C.M.R. ch. 130]

Done and Dated in Augusta, Maine this 13th day of JULY, 2026.

Department of Environmental Protection

BY: 
for Melanie Loyzim, Commissioner

The term of this license amendment shall be ten (10) years from the issuance of Air Emission License A-478-71-S-R/A (issued 03/02/2026).

[Note: If a renewal application, determined as complete by the Department, is submitted prior to expiration of this license, then pursuant to Title 5 M.R.S. § 10002, all terms and conditions of the license shall remain in effect until the Department takes final action on the license renewal application.]

Please note attached sheet for guidance on appeal procedures.

Date of initial receipt of application: June 5, 2026

Date of application acceptance: June 10, 2026

This Order prepared by Zac Hicks, Bureau of Air Quality.