



DEPARTMENT ORDER

**Eurovia Atlantic Coast LLC
Penobscot County
Hermon, Maine
A-257-71-X-M**

**Departmental
Findings of Fact and Order
Air Emission License
Amendment #5**

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

Eurovia Atlantic Coast LLC (Eurovia) was issued Air Emission License A-257-71-R-R/A on December 19, 2016, for the operation of emission sources associated with their hot mix asphalt plant and crushed stone and gravel facility. The license was subsequently amended as follows:

Amendment	Date Issued	Brief Description
A-257-71-S-M	2/2/2017	Decrease the throughput limit for the hot mix asphalt plant and increase fuel limit for HYCGO-200 Hot Oil Heater
A-257-71-T-T	4/18/2019	Transfer of license from The Lane Construction Corporation to Eurovia Atlantic Coast LLC
A-257-71-U-A	10/16/2020	Add bulk asphalt storage terminal, lower the throughput limit for the hot mix asphalt plant, and remove all crushers and associated engines
A-257-71-V-A	2/14/2022	Revise size of bulk terminal hot oil heaters, add asphalt blending tanks, reduce bulk terminal throughput limit, add emergency generator, and lower throughput limit for the hot mix asphalt plant
A-257-71-W-A	10/18/2023	Replace asphalt batch plant, add emergency generator, and address applicable requirements of 06-096 C.M.R. ch. 171.

The equipment addressed in this license amendment is located at 1067 Odlin Road, Hermon, Maine.

Eurovia has requested a minor revision to their license to remove the equipment associated with the asphalt storage terminal. This equipment is now covered under a separate license, A-1185-71-A-N, issued November 18, 2024. Eurovia has also requested a reduction in the annual production limit for Drum Mix Plant #26 from 1,000,000 tons of asphalt per year to 858,000 tons of asphalt per year.

B. Emission Equipment

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

Asphalt Plant

Equipment	Process Rate (tons/hour)	Max. Capacity (MMBtu/hr)	Fuel Type	Firing Rate	Control Device	Date of Manuf.
Drum Mix Plant #26	500	125	Distillate Fuel Spec. waste oil	892.9 gal/hr	Baghouse	2015
			Propane	1,366 gal/hr		
			Natural Gas	121,359 scf/hr		

Heating Equipment

Equipment	Max. Capacity (MMBtu/hr)	Maximum Firing Rate	Fuel Type
HYCGO-200 Hot Oil Heater	2.1	15 gal/hr 23.2 gal/hr 2,039 scf/hr	Distillate Fuel Propane Natural Gas

The following equipment is addressed in Air Emission License A-1185-71-A-N and is therefore being removed from this air emission license:

Asphalt Tanks

Equipment	Capacity (gallons)	Product Stored	Roof Type	Temperature	Date Installed
Tank #1	2,350,000	Asphalt	Fixed	275 – 310 °F	2021
Tank #2	2,350,000			275 – 310 °F	2021
Tank #3	2,350,000			275 – 310 °F	2021
Blending Tank #5	10,000	Polymer Modified Asphalt		360 °F	2021
Blending Tank #6	10,000			360 °F	2021
Tank #8	60,000			330 °F	2021
Tank #9	60,000			330 °F	2021

Heating Equipment

Equipment	Max. Capacity (MMBtu/hr)	Maximum Firing Rate	Fuel Type, % sulfur	Date of Manuf.	Stack #
Terminal HOH #1	11.1	11,700 scf/hr	Natural Gas	2020	3
Terminal HOH #2	11.1	11,700 scf/hr	Natural Gas	2020	4
Terminal HOH #3	11.1	11,700 scf/hr	Natural Gas	2020	5

Stationary Engines

Equipment	Max. Input Capacity (MMBtu/hr)	Rated Output Capacity (kW)	Fuel Type, % sulfur	Firing Rate (scf/hr)	Date of Manf.	Date of Install.
Emergency Generator #1	1.8	150	Natural gas, Negligible	1,778	2021	2021

C. Definitions

Distillate Fuel means the following:

- Fuel oil that complies with the specifications for fuel oil numbers 1 or 2, as defined by the American Society for Testing and Materials (ASTM) in ASTM D396;
- Diesel fuel oil numbers 1 or 2, as defined in ASTM D975;
- Kerosene, as defined in ASTM D3699;
- Biodiesel, as defined in ASTM D6751; or
- Biodiesel blends, as defined in ASTM D7467.

Records or Logs mean either hardcopy or electronic records.

Specification Waste Oil means a petroleum-based oil which, through use or handling, has become unsuitable for its original purpose due to the presence of impurities or loss of original properties, and meets all of the following requirements:

- It has sufficient liquid content to be free flowing;
- It meets all of the constituent and property standards as specified in *Waste Oil Management Rules*, 06-096 C.M.R. ch. 860;
- It does not otherwise exhibit hazardous waste characteristics; and
- It has not been mixed with a hazardous waste.

Virgin oil means any petroleum derived oil, including petroleum fuels, unused motor oils, hydraulic fluids, lubrication oils, and other industrial oils, that are not characterized as waste oil.

D. Revision Description

Eurovia was recently issued a new air emission license for the equipment associated with the asphalt storage terminal (A-1185-71-A-N, issued 11/18/2024). That equipment is now being removed from this air emission license.

In addition, Eurovia has requested a reduction in the annual production limit for Drum Mix Plant #26. By reducing the maximum asphalt produced from 1,000,000 tons/year to 858,000 tons/year, annual emissions of criteria pollutants all fall below the reporting threshold for *Emission Statements*, 06-096 C.M.R. ch. 137.

E. 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.

F. Facility Classification

With the annual throughput limit on the asphalt plant the facility is licensed as follows:

- As a synthetic minor source of air emissions for criteria pollutants, because Eurovia is subject to license restrictions that keep facility emissions below major source thresholds for SO₂, NO_x, and CO; and
- As an area source of hazardous air pollutants (HAP), because the licensed emissions are below the major source thresholds for HAP.

G. 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 858,000 ton/year of HMA in Drum Mix Plant #26; and
- Operating the HYCGO-200 Hot Oil Heater for 8,760 hours/year.

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	PM₁₀	PM_{2.5}	SO₂	NO_x	CO	VOC
Drum Mix Plant #26	13.6	5.0	4.4	24.9	23.6	55.8	13.7
HYCGO-200 Hot Oil Heater	0.1	0.1	0.1	–	1.3	0.8	0.1
Total TPY	13.7	5.1	4.5	24.9	24.9	56.6	13.8

Pollutant	Tons/year
Single HAP	7.9
Total HAP	19.9

II. AMBIENT AIR QUALITY ANALYSIS

The level of ambient air quality impact modeling required for a minor source is determined by the Department on a case-by-case basis. In accordance with 06-096 C.M.R. ch. 115, an ambient air quality impact analysis is not required for a minor source if the total licensed annual emissions of any pollutant released do not exceed the following levels and there are no extenuating circumstances:

Pollutant	Tons/Year
PM ₁₀	25
PM _{2.5}	15
SO ₂	50
NO _x	50
CO	250

The total licensed annual emissions for the facility are below the emission levels contained in the table above and there are no extenuating circumstances; therefore, an ambient air quality impact analysis is not required as part of this license revision.

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-257-71-X-M subject to the conditions found in Air Emission License A-257-71-R-R/A; in amendments A-257-71-S-M, A-257-71-U-A, A-257-71-V-A, and A-257-71-W-A; and the following conditions.

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

The following shall replace Condition (17)(B) of Air Emission License A-257-71-W-A:

(17) Drum Mix Plant #26

- B. The annual throughput of Drum Mix Plant #26 shall not exceed 858,000 tons of asphalt per year on a 12-month rolling total basis. Records of asphalt production shall be kept on a monthly and 12-month rolling total basis. [06-096 C.M.R. ch. 115, BACT]

Conditions (18)(A)(2) and (3) of Air Emission License A-257-71-W-A are deleted.
(Removes HYCGO-200 Hot Oil Heater throughput limit.)

Condition (19) of Air Emission License A-257-71-W-A is deleted.
(Removes Emergency Generator #1)

Condition (20) of Air Emission License A-257-71-W-A is deleted.
(Removes terminal hot oil heaters)

Condition (21) of Air Emission License A-257-71-W-A is deleted.
(Removes terminal asphalt tanks)

Condition (22) of Air Emission License A-257-71-W-A is deleted.
(Removes facility-wide emission limits)

Condition (23) of Air Emission License A-257-71-W-A is deleted.
(Removes applicable requirements of Chapter 171)

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Condition (25) of Air Emission License A-257-71-W-A is deleted.
(Removes applicable requirements of Chapter 137)

DONE AND DATED IN AUGUSTA, MAINE THIS 22nd DAY OF NOVEMBER, 2024.

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-257-71-R-R/A (issued 12/19/2016).

[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: 10/9/2024

Date of application acceptance: 10/9/2024

This Order prepared by Lynn Muzzey, Bureau of Air Quality.