



JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

August 13, 2026

Mark Lyons
Aries Pine Tree LLC
4037 Rural Plains Circle, Suite 290
Franklin, TN 37064

Dear Mr. Lyons:

This letter is a request from the Maine Department of Environmental Protection (the Department) for additional information in support of the application submitted by Aries Pine Tree LLC (Aries) for a new minor source air emission license for a biosolids gasification facility proposed to be located in Sanford, Maine. This application was submitted by Aries on January 23, 2026, and accepted for processing by the Department on February 3, 2026.

Pursuant to 06-096 Code of Maine Rules (C.M.R.) ch. 115, *Major and Minor Source Air Emission License Regulations*, applicants must submit a Best Available Control Technology (BACT) analysis demonstrating that each emission unit to be constructed will receive BACT as defined in 06-096 C.M.R. ch. 100. BACT shall be applied to all regulated pollutants from new emission units, including fugitive as well as stack emissions. Aries has submitted a BACT analysis addressing Particulate Matter (PM), Oxides of Nitrogen (NO_x) and Sulfur Dioxide (SO₂).

On April 13, 2026, the Governor signed LD 2070, *An Act to Improve the Management of Landfill Leachate and Wastewater Treatment Plant Sludge at Solid Waste Landfills*. This act includes the following language:

“38 MRSA § 590, sub-§1, ¶F is enacted to read:

F. A facility that is required to be licensed under this chapter and that processes or incinerates sludge shall implement best available control technology for any new source and best practical treatment for any existing source to minimize emissions of perfluoroalkyl and polyfluoroalkyl substances from the facility to the ambient air.

- (1) An applicant for a license under this chapter that is a facility that processes or incinerates sludge shall propose in the application the best available control technology or best practical treatment, as applicable, for department approval.

- (2) A license issued by the department pursuant to this chapter to a facility that processes or incinerates sludge must require the licensee to demonstrate compliance with perfluoroalkyl and polyfluoroalkyl substances emission limits or emission reduction requirements established by the department in the license, which must include requirements for the licensee to conduct emission testing for perfluoroalkyl and polyfluoroalkyl substances.

For purposes of this paragraph, perfluoroalkyl and polyfluoroalkyl substances are air contaminants and regulated pollutants under this chapter and under department rules.”

In accordance with the requirements established by LD 2070, the Department requests that Aries submit a BACT analysis addressing emissions of perfluoroalkyl and polyfluoroalkyl substances to supplement the existing air emission license application.

Additionally, the Department requests that Aries submit a BACT analysis addressing emissions of carbon monoxide (CO) and volatile organic compounds (VOC) from the facility. These pollutants were incorrectly omitted from the BACT analysis included with the application due to their potential to emit being less than 10 lb/hr and 100 lb/day. These emission thresholds are used in determining whether a facility is required to obtain an air emission license and are based on total facility general process source emissions of any regulated pollutant. Once these thresholds are exceeded for any regulated pollutant, a license is required, and per 06-096 C.M.R. ch. 115 §§ 4(C)(4)(d) and 4(A)(4)(d), the applicant is required to submit a BACT analysis for all regulated pollutants.

As outlined above, the Department requests that Aries submit a BACT analysis addressing the emissions of perfluoroalkyl and polyfluoroalkyl substances, CO, and VOC within 60 days of receipt of this letter.

If you have any questions, please feel free to contact me at (207) 458-6315 or via email at benjamin.goundie@maine.gov.

Sincerely,



Benjamin Goundie
Assistant Environmental Engineer, Bureau of Air Quality