

Entegris, Inc. – Billerica Fact Sheet – December, 2022

Introduction

Entegris, Inc. (Entegris) provides a wide array of services including but not limited to separation science, membrane science and engineering, leading edge liquid filtration and purification, wafer and reticle handling, surface preparation and cleaning, and materials synthesis. Entegris is headquartered at 129 Concord Road in Billerica, Massachusetts. Entegris merged with Mykrolis Corporation which was the original owner of the Billerica facility in 2005. Entegris has proposed an expansion of its existing operations located at its Billerica facility. The proposed changes are subject to the Massachusetts Air Pollution Regulations (310 CMR 7.00) which require the applicant to apply and receive a permit (known as an “Approval”) before the changes can be made to the facility. Information on how to review the Entegris application and MassDEP’s proposed decision and how to submit comments, as well as contact information can be found at the end of this Fact Sheet.

Proposed Project Information

- Entegris has submitted an air quality application for a non-major comprehensive plan approval (nmCPA) proposing to install air pollution controls (APC) in the form of a regenerative thermal oxidizer (RTO) at its Billerica facility.
- The proposed installation of the RTO will control emissions from existing process lines EU24 and EU25, operating in the facility, that were previously permitted in 2018 in Plan Approval NE-17-007.
- The proposed project will increase manufacturing within process lines EU24 and EU25; however, emissions will decrease with the installation and operation of the proposed air pollution control system, the RTO.
- The EU25 utilizes chemical baths that contain volatile organic compounds (VOC). These VOC emissions will be controlled by the proposed RTO.
- The EU24 process uses several different chemicals that contain both VOC and hazardous air pollutants (HAPs) to manufacture membranes, which will also be controlled by the RTO.
- The proposed RTO is designed to achieve 99% destruction of VOC/HAP or 10 ppm (as propane), whichever is less stringent.

Public Participation and Comment:

MassDEP is currently reviewing this permit application from Entegris. If you have questions or would like more information about the permit application or agency review process or would

like to be added to the distribution list to be notified when the public comment period on the draft decision begins, please contact the MassDEP personnel listed below.

The permit application is currently available for public review via the EEA ePLACE Public Access Portal:

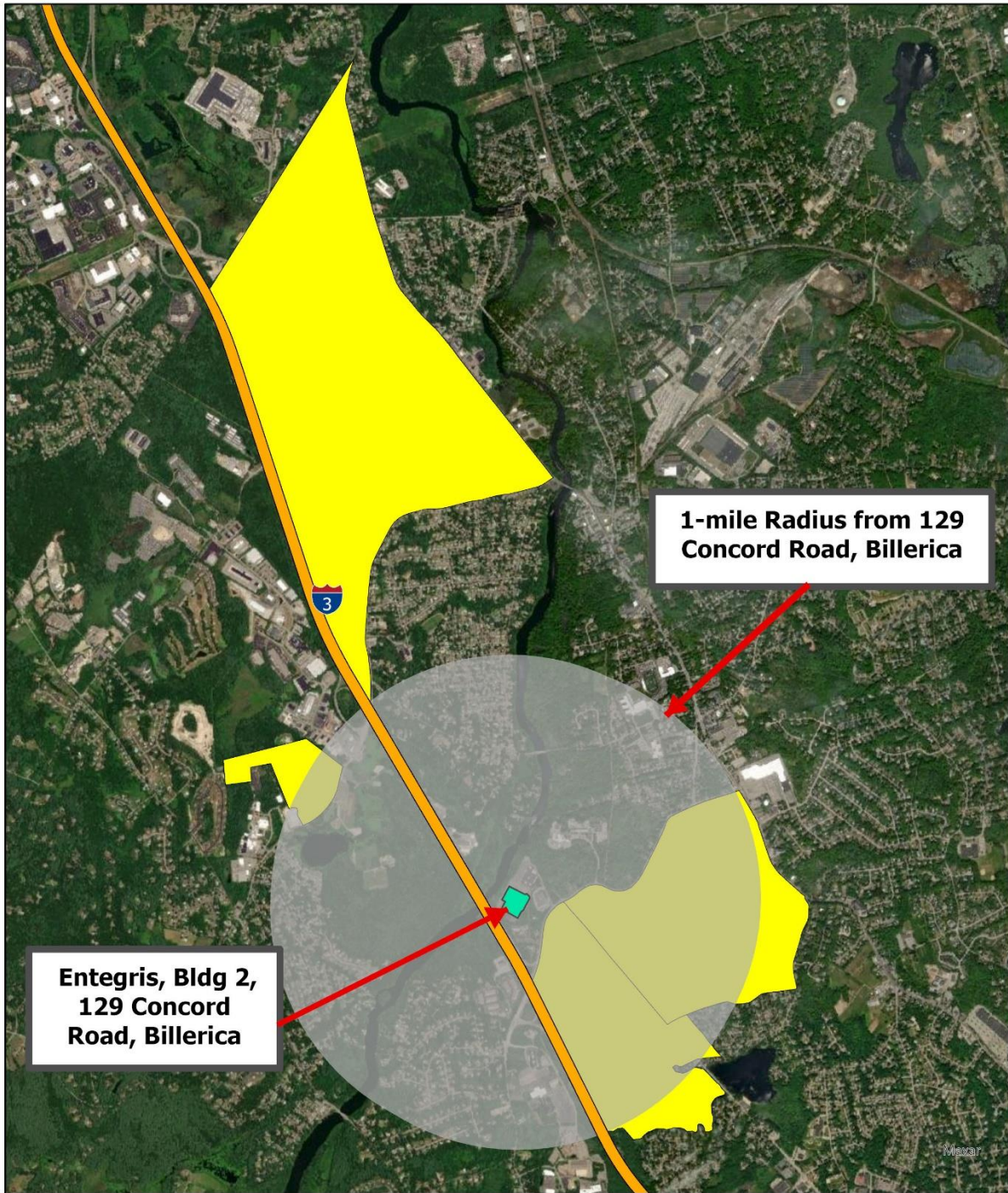
<https://eeaonline.eea.state.ma.us/EEA/PublicApp/>

On the main EEA ePLACE Portal page, click on the **orange** “Search and/or Comment” button, then on the name of the applicant/facility on the resulting page.

After MassDEP completes its review of the permit application, the agency will issue a proposed decision, subject to a 30-day public comment period. This information will also be posted in the ePLACE Public Access Portal. If you would like to be notified of the proposed decision and the public comment period, please contact Flavia Jacobs at Flavia.Jacobs@mass.gov.

Environmental Justice (EJ)

Entegris is located at 129 Concord Road in Billerica, Massachusetts. The Facility is located in an EJ community.



Environmental Justice Block Groups 2020

Minority