

Fact Sheet

**Capstan Atlantic (Facility Number 193362)
Application No. 22-AQ02P-0007-APP
10 Cushing Drive, Wrentham, Massachusetts 02093
AQ02 Non-Major Comprehensive Plan Application
August 2022**

Introduction:

Capstan Atlantic (Capstan) has filed an Air Quality Permit Application with the Massachusetts Department of Environmental Protection (“MassDEP”) for its existing facility at 10 Cushing Drive in Wrentham, Massachusetts. The facility is subject to the Massachusetts Air Pollution Control Regulations (310 CMR 7.00) and must apply for and receive an Air Quality Plan Approval from MassDEP. MassDEP is currently reviewing the permit application according to the applicable regulations.

After completing an administrative and technical review, MassDEP will issue a proposed decision to approve or deny the permit application, and at that time will provide a thirty (30) day public comment period on its proposed decision. Information on how to review the permit application, how to be notified of MassDEP’s proposed decision, and how to submit comments to MassDEP, can be found at the bottom of this Fact Sheet.

Facility Information:

The facility is located at 10 Cushing Drive in Wrentham, near the intersection of Route 1A and Route 115 near the Norfolk town line. The facility has been in operation since 1992. Capstan is part of the powdered metal parts industry and states that it is a leading producer of powdered metal gears, sprockets, and structural components. Capstan operates 10 small belt-fed sintering furnaces to produce various metal parts on a batch job shop basis. These parts include gears, powertrain components, power tool parts, and a variety of small, machined components. Parts are compacted in molds and then sintered in furnaces with a controlled atmosphere. After sintering, many of the parts then go through additional mechanical process steps such as computer-controlled machining to achieve required tolerances.

Environmental Compliance History:

Capstan does not currently operate under a Plan Approval issued by MassDEP. Capstan was recently issued an Administrative Consent Order with Penalty (“ACOP”) which includes issues related to air pollution control. The Order notes an incident of stack visible emissions/opacity and offsite odor and required the submittal of a non-major comprehensive plan application (“nmCPA”) addressing facility air emissions and potential controls for opacity and odor. A MassDEP Plan Approval will include all monitoring, testing, recordkeeping, and reporting requirements necessary to ensure Capstan will operate the facility in compliance with applicable regulations and air emission limits. Air emissions from the facility are primarily volatile organic compounds (“VOC”) and particulate matter (“PM”) from the sintering lines, and small amounts of PM, nitrogen oxides (“NOx”), and carbon monoxide (“CO”) from small natural gas-fired fuel burning devices.

Proposed Project:

Emissions from the facility are primarily VOC and PM from the 10 sintering furnaces from lubricant that is a component of the powdered metal mixture. Capstan proposes to make modifications to the sintering furnace lines by adding lubricant burn-off technology to mitigate opacity and odor issues. Potential VOC emissions will be limited to less than 6 tons per year, and PM emissions to less than 3 tons per year. As part of this application, Capstan proposes to add two additional furnaces within 18 to 36 months to address pending business opportunities. Permitted emissions

from the facility will not cause a condition of air pollution, as required by 310 CMR 7.01, and will not cause an exceedance of any National Ambient Air Quality Standards (NAAQS).

Contacts:

MassDEP contact:	Tom Cushing thomas.cushing@mass.gov 508-946-2824
Facility Contact:	Mike Smith msmith@capstanatlantic.com 508-384-3100 extension 615

Environmental Justice Populations: The MassDEP Environmental Justice (“EJ”) policy went into effect on September 3, 2020. The facility property is identified by the Massachusetts EJ website (www.mass.gov/environmental-justice) as existing within 1 mile of an EJ population based on minority population. The attached map shows the location of the facility and the nearby EJ communities.

Public Participation and Comment:

MassDEP is currently reviewing this permit application filed by Capstan. 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 point of contact listed above, Tom Cushing.

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

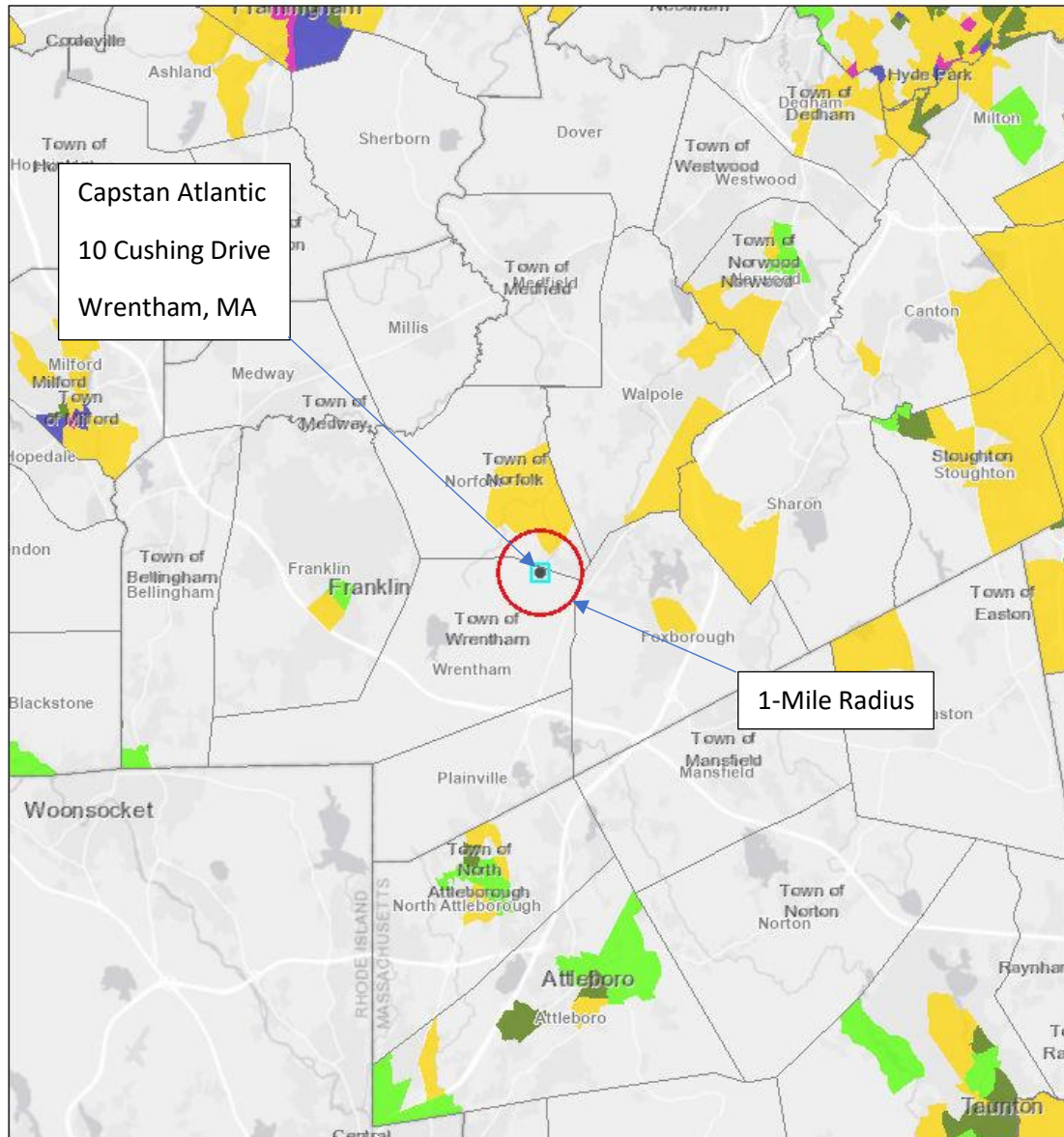
<https://eeaonline.eea.state.ma.us/EEA/PublicApp/>

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:

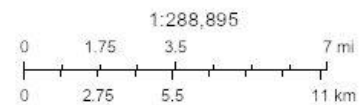
Daniel Kamieniecki
MassDEP Southeast Regional Office
508-946-2717
daniel.kamieniecki@state.ma.us

2020 Environmental Justice Populations



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- Override 1
- MA Municipalities
- Minority: the block group minority population is $\geq 40\%$, or the block group minority population is $\geq 25\%$ and the median household income of the municipality the block group is in is $< 150\%$ of the Massachusetts median household income
- Income: at least 25% of households have a median household income 65% or less than the state median household income
- Language Isolation: 25% or more of households do not include anyone older than 14 who speaks English very well
- Minority and income
- Minority and English isolation
- Income and English isolation
- Minority, income and English isolation



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