

Environmental Justice Screening Form

Project Name	Falmouth Ocean Outfall
Anticipated Date of MEPA Filing	1 August 2025
Proponent Name	Town of Falmouth
Contact Information (e.g., consultant)	Rachael Kashuda, rachael.kashuda@ghd.com Anastasia Rudenko, Anastasia.Rudenko@ghd.com
Public website for project or other physical location where project materials can be obtained (if available)	Falmouth water Quality Management Committee: Water Quality Management Committee Falmouth, MA
Municipality and Zip Code for Project (if known)	02536
Project Type* (list all that apply)	Wastewater – Treatment/conveyance, Wastewater - CWMP
Is the project site within a mapped 100-year FEMA flood plain? Y/N/ unknown	Y
Estimated GHG emissions of conditioned spaces (click here for GHG Estimation tool)	N/A

Project Description

<p>1. Provide a brief project description, including overall size of the project site and square footage of proposed buildings and structures if known.</p> <p>The project is comprised of approximately 6 miles of treated effluent discharge pipe for treated wastewater effluent. The discharge pipe will convey effluent from the Falmouth Wastewater Treatment Facility to the landfall site at Kite Park. The underground piping will extend from the Kite Park site approximately 2,300 feet (~20ft water depth) to the outfall location in Nantucket Sound.</p>
<p>2. List anticipated MEPA review thresholds (301 CMR 11.03) (if known)</p> <p>11.03(6) Wastewater</p>
<p>3. List all anticipated state, local and federal permits needed for the project (if known)</p> <p>Permits/agency actions anticipated for this project include:</p> <ul style="list-style-type: none"> • Interbasin Transfer Act Determination (Massachusetts Executive Office of Energy and Environmental Affairs) • Cape Cod Commission Act Consistency Review Process with MEPA (Cape Cod Commission) • National Pollutant Discharge Elimination System (NPDES) Individual Permit

(United States Environmental Protection Agency (EPA))

- **National Pollutant Discharge Elimination System (NPDES) Individual Permit** (Massachusetts Department of Environmental Protection (MassDEP))
- **Public Waterfront Act Chapter 91 Water Dependent License (BRP WW01)** (MassDEP)
- **Wetlands Protection Act (WPA) Notice of Intent (MassDEP)**
- **General Permit 6** (Department of the Army, New England District, Corps of Engineers)
- **Nationwide Permit 7** (Department of the Army, New England District, Corps of Engineers)
 - **Clean Water Act Section 401 Water Quality Certification** (MassDEP, issued with NPDES Permit)
 - **Clean Water Act Section 404 Water Quality Certification** (Mass DEP, issued with Army Corp GP and NWP)
- **Massachusetts Endangered Species Act (MESA) Notice of Intent** (Massachusetts Division of Fisheries and Wildlife (DFW))
- **Federal Consistency Review** (Massachusetts Coastal Zone Management (CZM))
- **Project Notification Form (PNF)** (Massachusetts Historical Commission (MHC))
- **No Objection Certificate** (Board of Underwater Archaeology Resources (BUAR))
- **Notice to Mariners** (United States Coast Guard)
- **State Highway Access Permit** (Massachusetts Dept of Transportation (DOT))
- **Notice of Intent (NOI)** (Town of Falmouth)
- **Road Opening Permit** (Town of Falmouth)
- **Chapter 277 Stormwater Management Rules and Regulations** (Town of Falmouth)
- **Article III. Construction and Post-Construction Stormwater Management** (Town of Falmouth)

4. Identify EJ populations and characteristics (Minority, Income, English Isolation) within 5 miles of project site (can attach map identifying 5-mile radius from [EJ Maps Viewer](#) in lieu of narrative)

See attached map from EJ Maps Viewer identifying populations within 5 miles of the project site.

The following Environmental Justice (EJ) populations are within 5 miles of the project site:
Block Group 1, Census Tract 148, Barnstable County, Massachusetts (within project site)
Criteria: Income

- Minority population: 13%
- Median household income: \$29,583 (35% of MA median household income)
- Households with language isolation: 0%
- Total population: 861 individuals in 532 households

Block Group 3, Census Tract 148, Barnstable County, (within project site)

Criteria: Income

- Minority population: 13%
- Median household income: \$27,396 (32% of MA median household income)
- Households with language isolation: 1%
- Total population: 1,128 individuals in 772 households

Block Group 2, Census Tract 147, Barnstable County (within 1 mile of the project site)

Criteria: Income

- Minority population: 14%
- Median household income: \$55,057 (65% of MA median household income)
- Households with language isolation: 0%
- Total Population: 1,237 individuals in 575 households

Block Group 2, Census Tract 146, Barnstable County (within 5 miles of the project site)

Criteria: Income

- Minority population: 18%
- Median household income: \$53,571 (65% of MA median household income)
- Households with language isolation: 0%
- Total Population: 1,299 individuals in 532 households

Block Group 3, Census Tract 145, Barnstable County (within 5 miles of the project site)

Criteria: Income

- Minority population: 12%
- Median household income: \$49,643 (65% of MA median household income)
- Households with language isolation: 0%
- Total Population: 1,336 individuals in 566 households

5. Identify any municipality or census tract meeting the definition of “vulnerable health EJ criteria” in the [DPH EJ Tool](#) located in whole or in part within a 1 mile radius of the project site

Falmouth meets vulnerable health EJ criteria for heart attacks with a rate of 36.2 per 10,000. This is statistically significantly higher than the statewide rate. Childhood Asthma Ed Visits and Elevated Blood Lead Prevalence rates are statistically significantly lower than the statewide rates. Low Birth Weight Rate per 1,000 is not statistically different in Falmouth compared to the statewide rate.

6. Identify potential short-term and long-term environmental and public health impacts that may affect EJ Populations and any anticipated mitigation

The primary adverse effect of this project on EJ populations in the DGA is temporary disturbance during the construction phase. The alignment of the discharge pipe primarily follows public roadways and utility corridors to minimize construction impacts. Approximately 1/3 of the pipe traverses EJ tracts. The approach pit and HDD staging area will be sited at Kite Park, which is outside of the EJ tract. The Town and Contractor will enact comprehensive mitigation measures to ensure public safety and minimize the impact of noise, dust, and traffic congestion on abutters. Mitigation is discussed in Section 1.2.1 of the ENF narrative.

7. Identify project benefits, including “Environmental Benefits” as defined in 301 CMR 11.02, that may improve environmental conditions or public health of the EJ population.

The primary benefit of this project is that it will support the expansion of centralized wastewater collection and treatment in Falmouth, enabling the town to meet nitrogen TMDLs in its coastal watersheds. As a result, water quality will significantly improve, benefiting the entire community by enhancing environmental health and supporting a stronger local economy. In addition, the project will increase access to clean natural resources—including estuarine, freshwater, and groundwater systems—thereby promoting greater use and enjoyment of recreational areas such as waterways, freshwater ponds, and public bathing beaches.

8. Describe how the community can request a meeting to discuss the project, and how the community can request oral language interpretation services at the meeting . Specify how to request other accommodations, including meetings after business hours and at locations near public transportation.

A meeting request can be made through the Town of Falmouth’s Department of Health at health@falmouthma.gov. Please specify accommodations in the request. Additional community meetings will also be held upon request prior to submission of the Environmental Impact Report.

**MEPA Project Types [Note: this list can be omitted when circulating this form.]*

Article 97	Marijuana
Agriculture	Marine Industrial
Airport	Master Plan – Development
Aquaculture/Shellfish	Master Plan – Urban Renewal Plan
Beach/Coastal Nourishment	Other (Specify)
Coastal Infrastructure	Recreation
Commercial - Office/Lab/R&D	Regulations
Commercial - Hotel	Remediation
Commercial - Warehouse	Residential
Commercial- Retail	Resiliency
Dam Removal	Solid Waste
Dam Repair/Replacement	Transportation – Roadways/transit
Dredging	Transportation - Trails
Ecological Restoration	Wastewater – Treatment/conveyance
Energy Generation	Wastewater - CWMP

Energy Storage	Water Supply - New Source
Energy Transmission	Water Supply – Treatment/conveyance
Industrial	
Institutional - Educational	