

Environmental Justice Screening Form

Project Name	Wollaston Channel Dredging Project
Anticipated Date of MEPA Filing	Summer 2026
Proponent Name	City of Quincy
Contact Information (e.g., consultant)	Briony Angus, Vice President bangus@tighebond.com 617-640-2055
Public website for project or other physical location where project materials can be obtained (if available)	City of Quincy Department of Public Works 1305 Hancock Street Quincy, MA 02169
Municipality and Zip Code for Project (if known)	Quincy, MA 02170
Project Type* (list all that apply)	Dredging, Resiliency (dredging of navigable channel and mooring basin between Squantum and Wollaston Yacht Clubs)
Is the project site within a mapped 100-year FEMA flood plain? Y/N/unknown	Yes – the project site is located within the regulatory floodway.
Estimated GHG emissions of conditioned spaces (click here for GHG Estimation tool)	N/A

Project Description

1. Provide a brief project description, including overall size of the project site and square footage of proposed buildings and structures if known. The proposed Project consists of maintenance dredging within the existing mooring basin between the Squantum and Wollaston Yacht Clubs and within approximately 2,600 linear feet of the Wollaston Channel. The dredging is designed to restore all-tide access for emergency-response vessels, as well as for recreational and commercial boaters. The Project proposes dredging to –6 feet Mean Low Water (MLW) with a 1-foot overdredge allowance, resulting in the removal of approximately 57,500 cubic yards of silt and sand. Restoring the channel to –6 feet MLW will provide sufficient depth for emergency-response vessels operated by the U.S. Coast Guard, local police, and fire departments. The dredging will also improve safe access for recreational vessels. Future maintenance dredging is anticipated on a similar 10-year cycle, consistent with prior authorizations. The dredged material is proposed for offshore disposal at the Massachusetts Bay Disposal Site (MBDS) in accordance with the approved Final Suitability Determination (October 2025).
2. List anticipated MEPA review thresholds (301 CMR 11.03) (if known) • 301 CMR 11.03(3)(b)(1)(f): alteration of ½ or more acres of any other wetlands • 301 CMR 11.03(3)(b)(3): dredging of 10,000 or more cubic yards of material

- **301 CMR 11.03(3)(a)(1)(b): alteration of 10 or more acres of any other wetlands (Land Under the Ocean)**

3. List all anticipated state, local and federal permits needed for the project (if known)

State permits anticipated for the Project include an Individual 401 Water Quality Certification and a Chapter 91 Waterways Permit from the Massachusetts Department of Environmental Protection (MassDEP).

Local permitting includes an Order of Conditions from the Quincy Conservation Commission under the Massachusetts Wetlands Protection Act and the Quincy Wetlands Protection Ordinance.

Federal permitting includes a Department of the Army Individual Permit from the U.S. Army Corps of Engineers under Sections 10 of the Rivers and Harbors Act and 404 of the Clean Water Act. Additional agency reviews include consultation with the Massachusetts Historical Commission (MHC) and the Massachusetts Board of Underwater Archaeological Resources (BUAR) pursuant to M.G.L. c. 9 and 950 CMR 70–71, as well as a Federal Consistency Review by the Massachusetts Office of Coastal Zone Management (CZM).

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)
Please refer to attached EJ Maps Viewer map.

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

The EJ population within the DGA/Quincy does not meet Massachusetts DPH Vulnerability Health criteria for elevated childhood blood lead levels or low birth weight (which are tracked on a census tract level). The City of Quincy does not meet the Vulnerability Health EJ criteria for heart attack hospitalization or childhood asthma (which are tracked on a municipal level). None of the criteria were above the 110% Statewide Rate for childhood blood lead, heart attack, and asthma (rate calculated per 1,000 children tested for childhood blood lead; age-adjusted rate per 10,000 for heart attack, and age-specific rate per 10,000 for childhood asthma).

One census tract within the DGA (4175.02) does meet the 110% Statewide Rate for low birth weight, however, data is reported as Not Statistically Significantly Different. The remainder of the EJ populations within the DGA do not appear to exhibit vulnerable health EJ criteria.

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

Short Term Impacts

The proposed maintenance dredging will result in temporary construction-related impacts associated with in-water dredging activities, including off-shore equipment noise associated with the temporary presence of dredging equipment within the Wollaston Channel and mooring basin. Dredged material will be dewatered on a barge to avoid turbidity impacts to shoreline areas.

Dredging activity is anticipated to occur over an approximate three-month period and will be scheduled during the recommended time-of-year work window established in coordination with the Massachusetts Division of Marine Fisheries (DMF) to avoid sensitive fisheries resources and outside of the peak summer beach recreation season. Dredging activities will be limited to the waterway and are not expected to restrict pedestrian access to Wollaston Beach or other adjacent public shoreline areas.

Coordination with the Squantum and Wollaston Yacht Clubs will occur throughout construction to minimize temporary disruptions to boating activities. Although temporary limitations to navigation within the active dredging area may occur during construction, these impacts will be localized and short in duration.

Long-Term Impacts

Long-term impacts associated with the Project are expected to be minimal because the proposed work consists of maintenance dredging within an existing navigation channel and mooring basin and does not involve channel expansion, shoreline modification, or the construction of permanent in-water structures. Upon completion, the Project will restore navigable water depths for emergency response, recreational, and commercial vessels, thereby maintaining a critical navigation corridor for public safety and supporting continued public and private use of the waterway. Without periodic maintenance dredging, continued sediment accumulation would further reduce navigability and, over time, prevent emergency response vessels and many recreational vessels from safely accessing the channel. Accordingly, the temporary construction-related impacts are outweighed by the long-term public safety, navigation, and recreational benefits provided by the Project.

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 Project will provide significant public safety and navigation benefits by restoring navigable water depths within the Wollaston Channel and adjacent mooring basin. Maintenance dredging will improve access for U.S. Coast Guard, Fire Department, Police Department, and other emergency response vessels at all stages of the tide, enhancing emergency response capabilities for surrounding communities, including nearby Environmental Justice (EJ) populations.

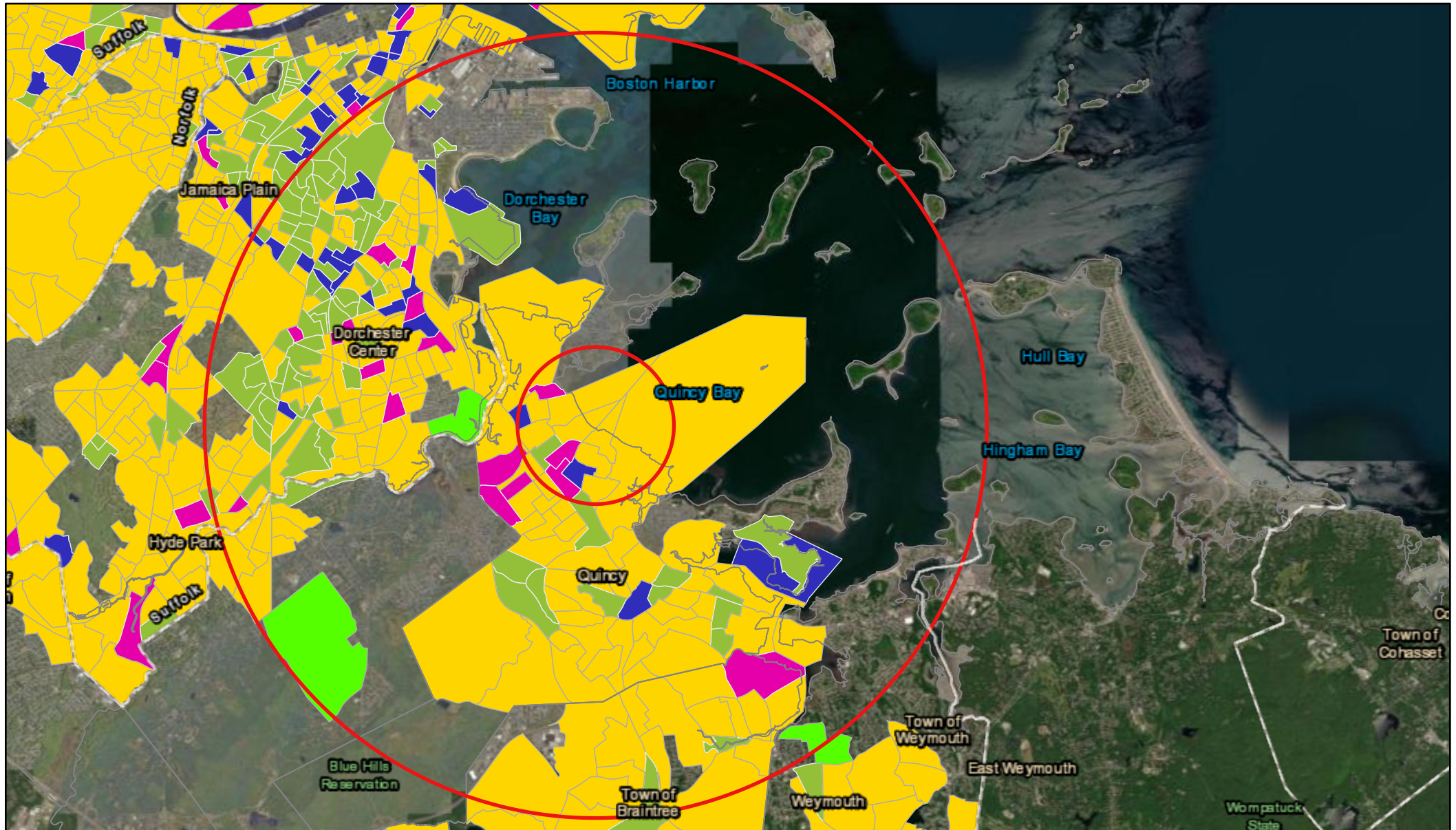
The Project will also improve navigational access for recreational and commercial boaters by restoring the authorized channel depth within an existing navigation corridor. Long-term environmental impacts are expected to be minimal, while the Project will preserve the long-term functionality of an existing public waterway.

By restoring safe navigation within the existing channel, the Project supports continued public access to coastal resources and improves the resilience and reliability of emergency response infrastructure serving the surrounding community.

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.

The community can request a meeting to discuss the project, as well as request meeting accommodations including oral language interpretation services, by contacting Paul Hines at phines@quincyma.gov.

Wollaston Channel Dredge - 2020 Environmental Justice Neighborhoods



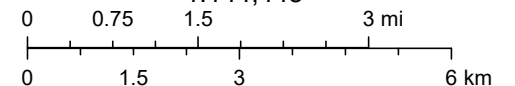
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MA 2020 Environmental Justice Block Groups

- 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
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1:144,448



Esri, HERE, Garmin, Nearmap, Earthstar Geographics

环境正义筛查表

项目名	沃拉斯顿航道疏浚项目
预计在MEPA备案日期	2026年夏季
支持者姓名	昆西市
联系人信息（例如顾问）	Briony Angus, 副总裁 bangus@tighebond.com 617-640-2055
有关项目的公共网站或可以获得项目相关资料的其他实际地点（如果有的话）	昆西市公共工程部 Hancock街1305号 马萨诸塞州昆西市 02169
项目所在的市镇和邮政编码（如果知道）	马萨诸塞州昆西市 02170
项目类型*（请列出所有适用的）	疏浚、韧性（对 Squantum 游艇俱乐部与 Wollaston 游艇俱乐部之间的通航航道和系泊区进行疏浚）
项目地点是否在百年FEMA洪灾平原区地图范围内？ 是/否/未知	是——项目场地位于受监管的洪泛区内。
空调空间的温室气体排放量估算（ 点击此处获取温室气体估算工具 ）	不适用

有关项目的描述

1. 提供简短的项目描述，包括项目场地的总体规模以及拟建建筑物和结构的平方英尺（如果知道的话）。 拟建项目包括对 Squantum 游艇俱乐部与 Wollaston 游艇俱乐部之间现有系泊区以及约2,600线性英尺长的 Wollaston 航道进行维护性疏浚。疏浚旨在恢复应急救援船只在所有潮位条件下的通航能力，同时改善休闲和商业船舶的通行条件。项目拟将航道疏浚至平均低潮水位（MLW）-6英尺，并允许1英尺的超挖，因此预计将清除约57,500立方码的淤泥和砂质沉积物。将航道恢复至-6英尺MLW后，可为美国海岸警卫队、当地警察和消防部门使用的应急救援船只提供足够的航行水深，同时提高休闲船舶的安全通行能力。预计未来将按照约10年的周期开展维护性疏浚，与以往批准的维护计划保持一致。疏浚材料拟按照已批准的《最终适宜性认定》（2025年10月）运至马萨诸塞湾处置场（Massachusetts Bay Disposal Site, MBDS）进行近海处置。
2. 列出预期的MEPA审查阈值（根据301 CMR 11.03条规）（如果知道的话） • 301 CMR 11.03(3)(b)(1)(f)：改变0.5英亩或以上的其他湿地。 • 301 CMR 11.03(3)(b)(3)：疏浚10,000立方码或以上的物料。 • 301 CMR 11.03(3)(a)(1)(b)：改变10英亩或以上的其他湿地（海底土地，Land Under the Ocean）。
3. 列出项目所在州、地方和联邦预期需要的许可证（如果知道的话） 本项目预计需要取得以下州级许可：马萨诸塞州环境保护部（Massachusetts Department of Environmental Protection, MassDEP）签发的《第401条水质认证》（Section 401 Water

Quality Certification) 和《第91章水域许可》(Chapter 91 Waterways Permit)。地方许可包括根据《马萨诸塞州湿地保护法》(Massachusetts Wetlands Protection Act) 和《昆西市湿地保护条例》(Quincy Wetlands Protection Ordinance), 由昆西市保护委员会(Quincy Conservation Commission) 签发的《条件令》(Order of Conditions)。联邦许可包括美国陆军工程兵团(U.S. Army Corps of Engineers) 依据《河流与港口法》(Rivers and Harbors Act) 第10条和《清洁水法》(Clean Water Act) 第404条签发的《陆军部个人许可》(Department of the Army Individual Permit)。此外, 还需完成相关机构审查, 包括根据《马萨诸塞州普通法》第9章(M.G.L. c. 9) 及950 CMR 70-71, 与马萨诸塞州历史委员会(Massachusetts Historical Commission, MHC) 和马萨诸塞州水下考古资源委员会(Massachusetts Board of Underwater Archaeological Resources, BUAR) 开展协商, 以及接受马萨诸塞州海岸带管理办公室(Massachusetts Office of Coastal Zone Management, CZM) 开展的《联邦一致性审查》(Federal Consistency Review)。

4. 请指认项目现场5英里内的环境正义人口和特征(少数民族、收入、英语隔离)(可以附上[EJ Maps Viewer](#) [EJ Maps Viewer](#) 5英里半径的地图并指认来代替需要的叙述)

请参阅随附的环境正义(EJ)地图查看器地图。

5. 在[DPH环境正文工具](#)中确定全部或部分位于项目场地1英里半径内的任何符合“弱势健康环境正文标准”定义的城市或人口普查区

拟开发区域(DGA)/昆西市内的环境正义(EJ)人群未达到马萨诸塞州公共卫生部(Massachusetts Department of Public Health, DPH)关于儿童血铅水平升高或低出生体重的健康脆弱性标准(上述指标按人口普查区统计)。昆西市也未达到环境正义健康脆弱性标准中关于心脏病发作住院率或儿童哮喘的指标(上述指标按市级统计)。儿童血铅水平、心脏病发作住院率和儿童哮喘的各项指标均未超过全州平均水平的110%(儿童血铅按每1,000名接受检测儿童计算;心脏病发作按每10,000人年龄调整率计算;儿童哮喘按每10,000名儿童年龄特定发生率计算)。拟开发区域内有一个人口普查区(4175.02)的低出生体重指标达到全州平均水平的110%;然而,该数据被标注为“无统计学显著差异(Not Statistically Significantly Different)”。拟开发区域内其余环境正义人群未显示出符合健康脆弱性环境正义标准的情况。

6. 请确定可能影响环境正义人口的潜在短期和长期环境和公共卫生影响以及任何预期的缓解措施

****短期影响**** 拟建维护性疏浚项目将在水域内开展疏浚作业，因此会产生与疏浚活动相关的临时性影响，包括因疏浚设备临时布置于Wollaston航道和系泊区而产生的近海设备噪声。疏浚物料将在驳船上进行脱水处理，以避免浑浊水体对岸线区域造成影响。疏浚作业预计持续约三个月，并将在与马萨诸塞州海洋渔业局（Massachusetts Division of Marine Fisheries, DMF）协调确定的建议施工时段内进行，以避免敏感渔业资源，并避开夏季海滩休闲活动高峰期。疏浚活动将仅限于航道水域内进行，预计不会限制公众步行进入Wollaston海滩或其他邻近公共岸线区域。项目实施期间，将持续与Squantum游艇俱乐部和Wollaston游艇俱乐部保持协调，以尽量减少对船舶活动的临时影响。虽然疏浚期间，作业区域内的航行可能会受到暂时限制，但这些影响将局限于作业区域且持续时间较短。 ****长期影响**** 预计本项目的长期影响较小，因为拟建工程仅为现有航道和系泊区的维护性疏浚，不涉及航道扩宽、岸线改造或永久性水上结构的建设。项目完成后，将恢复应急救援船舶、休闲船舶和商业船舶所需的通航水深，从而维持这一关键航运通道的公共安全功能，并保障公众和私人持续使用该水道。若不定期开展维护性疏浚，沉积物将持续淤积，进一步降低航道通航能力，并最终导致应急救援船舶及大量休闲船舶无法安全进入航道。因此，与项目带来的长期公共安全、航行条件改善及休闲使用效益相比，疏浚期间产生的短期临时影响是有限且可以接受的。

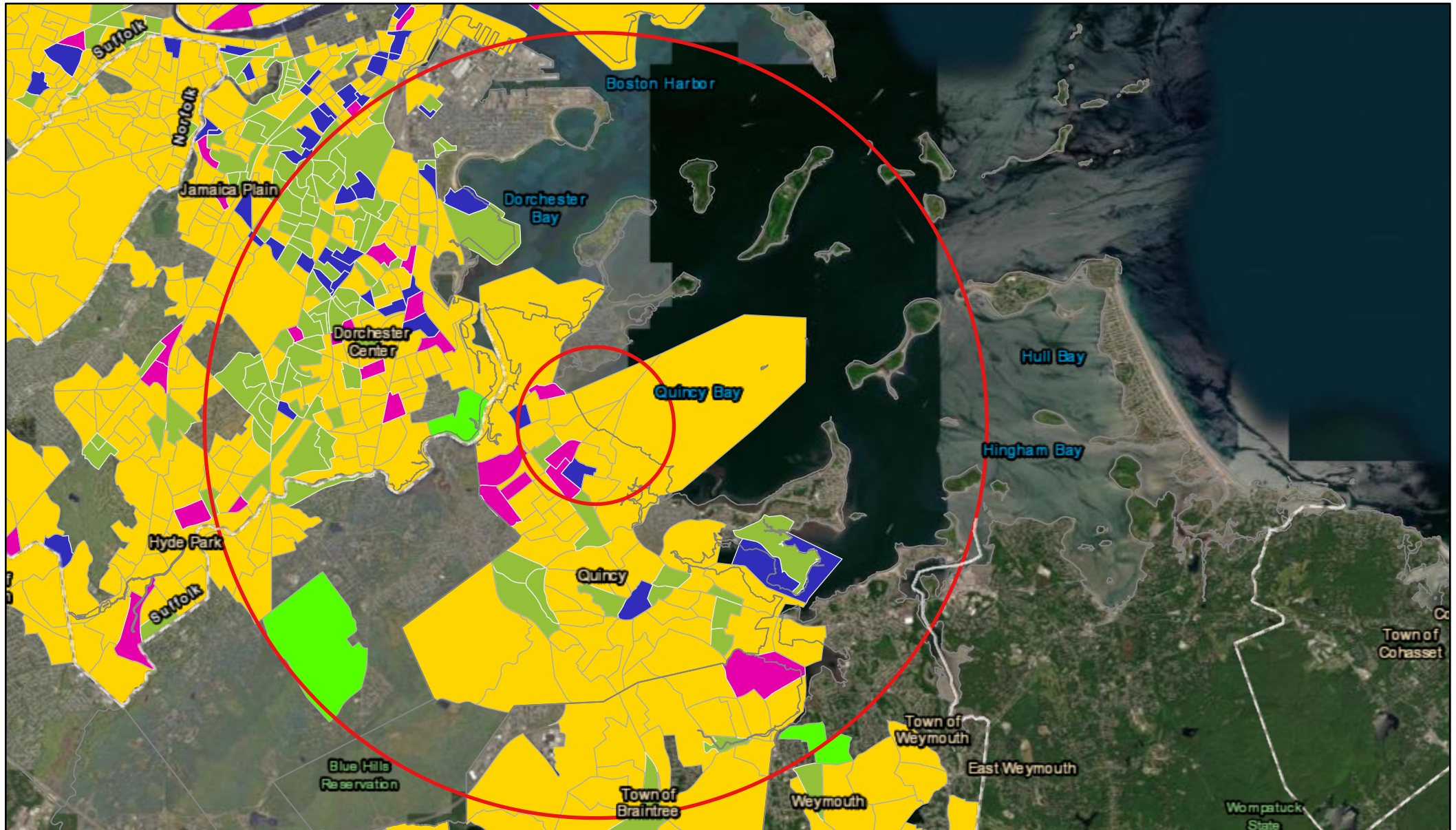
7. 请确定项目益处，包括 301 CMR 11.02 中定义的“环境效益”，这可能会改善环境正义人口的环境条件或公共健康

本项目将通过恢复Wollaston航道及邻近系泊区的通航水深，显著提升公共安全和航行条件。维护性疏浚将改善美国海岸警卫队（U.S. Coast Guard）、消防部门、警察部门及其他应急救援船舶在各种潮位条件下的通行能力，从而增强周边社区（包括附近环境正义（Environmental Justice, EJ）社区）的应急响应能力。本项目还将通过恢复现有航运通道内已批准的航道水深，改善休闲和商业船舶的通航条件。预计项目的长期环境影响较小，同时将保障现有公共航道的长期功能。通过恢复现有航道的安全通航条件，本项目将支持公众持续使用海岸资源，并提高服务周边社区的应急响应基础设施的韧性和可靠性。

8. 描述社区如何要求召开会议讨论项目，以及社区如何在会议上要求口语翻译服务。请指定如何要求获得其他通融条件，包括在工作时间后和在公共交通附近的地点开会。

社区成员可以联系 **Paul Hines（邮箱：phines@quincyma.gov）** 来申请召开会议讨论该项目，并申请会议便利措施，包括口头语言翻译服务。

Wollaston Channel Dredge - 2020 Environmental Justice Neighborhoods



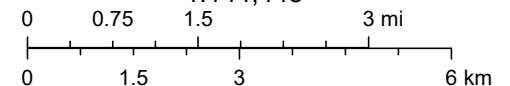
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