



Massachusetts Dredging Program 2020 Grant Round Information Sessions

March 11 & 16, 2020



Agenda

- Overview
- Program Requirements
- Submitting an Application
- Award and Evaluation Information
- Final Reminders and Tips
- Other EOHED Resources
- Q&A





Overview – Background

- Commonwealth's first annual, competitive grant program with focused funding for saltwater dredging.
- Capital grant program authorized by the Baker-Polito Administration's 2018 Economic Development Bond Bill.
- Successor program to the 2018 Navigational Dredging Pilot Program (also the first of its kind).
- Responds to dredging needs that support success in the **Blue Economy**...
 - Fisheries ○ Transportation
 - Recreation ○ Tourism
 - Public Safety ○ Coastal Resiliency

The **Blue Economy** is the sustainable use of ocean resources for economic growth, improved livelihoods and jobs, and enhanced quality of life.

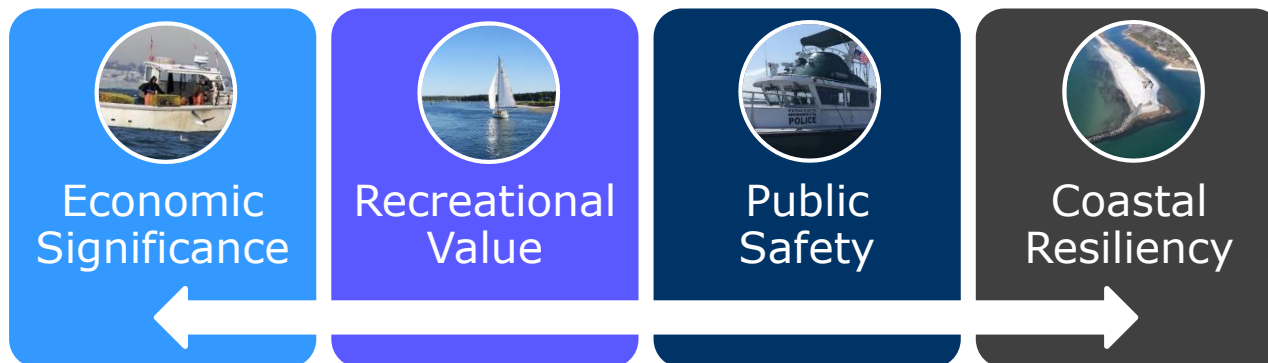
\$3.6 million in pilot grants were awarded for 10 fully permitted dredging projects in August 2018.

Overview – The Basics

- One-year construction grants for saltwater dredging projects.
- Administered by EOHED.
- Supports the long-term strength and sustainability of Massachusetts' coastal harbors and blue economy.
- Focus on shovel-ready projects that contribute to one or more of the following...

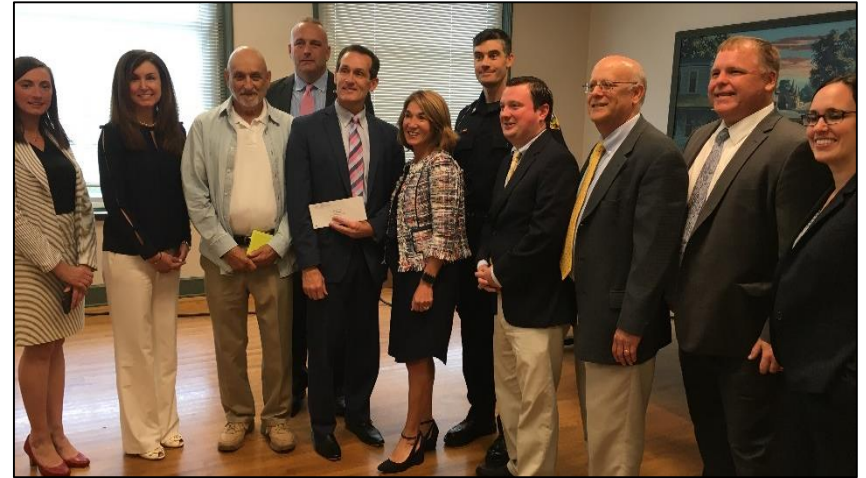


Hingham Harbor Maintenance Dredging Project (2019).



Overview – 2019 Inaugural Round

- **\$4.1 million awarded for 5 projects.**
- **Over \$5 million leveraged** in local funding and in-kind costs.
- **+/-92,000 cubic yards estimated to be removed** from nearly 40 acres of public tidelands.
- Projects will support...
 - Use of **over 950 moorings and dockage slips.**
 - Navigation and/or berthing for **~150 commercial vessels.**
 - Livelihoods of **at least 5 harbor-dependent businesses/organizations.**



Baker-Polito Administration Announces 2019 Massachusetts Dredging Program Awards in Hingham (2019).

92,000 cubic yards is roughly equivalent to the volume of **~28 Olympic swimming pools.**

Overview – What's New in 2020

- Match funding eligibility changes.
- New questions for phased projects.
- Expanded questions for recreational resources and benefits.
- Consideration of **equitable opportunity**, as described in the Commonwealth's *Partnerships for Growth* economic development plan.
 - Consider project impact on vulnerable populations, such as **Environmental Justice (EJ) populations**.
 - Find EJ Populations in your community using [Mass.gov's *Environmental Justice Viewer*](https://www.mass.gov/info-details/mass-govs-environmental-justice-viewer).



Commonwealth's *Partnerships for Growth* economic development plan, signed by Governor Baker on Dec. 13, 2019.

Environmental Justice (EJ) populations are 2010 census block groups with high minority, non-English speaking, and/or low-income populations.



Program Requirements – Eligibility and Funding

Who's eligible to apply?

- Commonwealth's 78 coastal municipalities.
- Limit of one application per municipality.



Manchester Harbor – First EOHED-Funded Dredging Project Site.

Source: *Manchester.ma.us*. Accessed Feb-19-2019.

What's eligible for funding?

- Dredging of public tidelands and dredged material disposal.
- Funds are disbursed on a cost-reimbursement basis.
- Reimbursable costs include bidding, construction, and construction administration.
- "Pre-construction costs" – study, design, engineering, permitting, and/or real property transactions – are not eligible for reimbursement.

How much is available ?

- Maximum amount that may be requested is \$2.5 million per municipality.
- EOHED anticipates awarding up to \$4.1 million for multiple projects.
- Partial awards may be considered.

Program Requirements – Non-State Match

- Grants require a minimum 50% non-state funding match.
- Multiple non-state funding sources may be used, including...
 - Federal grants.
 - Municipal funds.
 - Private contributions.
- Pre-construction expenses and in-kind contributions are not eligible for use as matching funds, but may be considered in the overall assessment of an application, if the expenses were incurred in the last three fiscal years.



Dredging of Cotuit Bay at Sampson's Island in Barnstable –
2018 Navigational Dredging Pilot Program Project.

Source: YouTube, "Dredging of Cotuit Bay and Sampson's Island Part Three,"
Drone guy, published Jan-1-2019. Accessed Feb-15-2019 at youtu.be/QHxjHM47phY.



Program Requirements – Contracting

- Successful applicants must submit...
 - Match documentation.
 - All permits and drawings.
- Anticipated start date for grant contracts is July 1st.
- **All grant funds must be expended by June 30, 2021, so shovel readiness is important!**
- In measuring shovel readiness, EOHED will consider:
 - Is the design fully funded?
 - Are all permits secured?
 - Are all match funds secured?
 - Is the project schedule realistic?



Dredging of Cotuit Bay at Sampson's Island in Barnstable
– 2018 Navigational Dredging Pilot Program Project.

Source: YouTube, "Dredging of Cotuit Bay and Sampson's Island Part Two," Drone guy, published Dec-29-2018. Accessed Feb-15-2019 at youtu.be/OVMSNrl-Ylo.



Program Requirements – Grant Management

- Quarterly performance reports are required.
- Payments will be disbursed up to once a month for actual work completed, as documented by invoices.
- Other deliverables include...
 - Bids tabulations and bid plans.
 - Construction contracts and change orders.
 - Post-dredge survey.
 - Certification of project completion.
- 5% of award will be held as retainage until contract closeout.



Beach nourishment at Deck Neck Island in Barnstable – 2018 Navigational Dredging Pilot Program Project.

Submitting an Application

- Applications are due via electronic submission no later than **11:59 pm, April 1, 2020.**
 - No late submissions will be accepted.
 - No paper submissions will be accepted.
 - Applications must be typed.



South River Maintenance Dredging Project in Marshfield and Scituate – 2018 Navigational Dredging Pilot Program Project.



Submitting an Application – App. Components

The application has seven sections...

1. Project Summary – A snapshot of the project.
2. Harbor Profile – Describe the characteristics, economic significance, and environmental justice benefits of the project harbor.
3. Project Description – Describe need, scope, benefits, and shovel readiness.
4. Budget and Funding Sources – Complete a budget table and describe funding sources.
5. Supporting the Blue Economy – Describe existing conditions and anticipated benefits for **(1) Commercial Fishing/Boating, (2) Recreational Boating, (3) Public Safety, and/or (4) Coastal Resiliency**. (*Largest of the sections.*)
6. Preparing for Success – Describe planning efforts, municipal funds, maintenance plans, and any commitments from private partners, to the extent applicable.
7. Certification of Authorization – **No signature required!**



Submitting an Application – Attachments

Required attachments...

- **Site plan!** This should be a nautical chart or satellite image that clearly identifies the project site(s).
- Copies of **all permits and permit modifications** approved to date, including plans/drawings.
- Statements of Collaboration from joint municipal applicants, if applicable.
- Letters of Commitment from private partners, required only if the project will generate investments in harbor-dependent jobs, commercial vessels, and/or private dredging.
 - **PLEASE NOTE:** *These are not letters of support. These are commitment letters promising to invest private dollars.*

Optional attachments...

- Optional attachments are reviewed but not formally evaluated.
- Graphic documents (maps, figures, photographs, etc.) will be accepted but should be reasonable in number.
- **No additional attachments should be submitted unless otherwise requested.**



Submitting an Application – How to Apply

1. Visit the program's "How to Apply" page:
mass.gov/how-to/apply-for-a-massachusetts-dredging-grant
2. Download and read the RFP in full.
3. Download and complete the application on your desktop computer.
4. Once complete, save your application and attachments in a common folder on your computer.
5. Label each file using the **File Naming System outlined in the RFP (pg. 9)**.
Examples are provided in the RFP.
6. Upload and electronically submit your application and attachments through EOHED's website. **A link will be available starting March 18th on the program's "[How to Apply](#)" page.**
7. A confirmation message will be sent to the email address provided in your submission.



Submitting an Application – How to Apply

When completing your application...

- Do NOT delete any original text; only add text in fillable fields.
- Fillable fields include...
 - Grey text fields.
 - Check boxes.
 - Tables.
 - Answer boxes: *“Click here to enter text.”*
- Answer boxes and tables will automatically expand as needed.

SECTION I. PROJECT SUMMARY

1.1 Applicant Municipality (Public Entity): Type here.

1.2 Applicant CEO Name and Title: Type here.

1.3 Legal Address: Type here.

1.4 City: Type here. 1.5 State: MA 1.6 Zip Code: Type here.

1.7 Application Point of Contact (POC) Name and Title: Type here.

1.8 POC Email: Type here.

1.9 POC Phone: Type here.

1.10 Project Name: Type here.

1.11 Total Project Cost: \$Type here.

1.12 Grant Amount Requested: \$Type here.

1.13 Is this a joint application between municipalities?

☐ Yes ☒ No

1.14 If yes, please list the additional municipalities participating in this application. In addition, please attach a statement of collaboration from each of these municipalities.

Click here to enter text.



Submitting an Application – How to Apply

When uploading your application and attachments...

- Follow the link available on the program's "[How to Apply](#)" page.

NOTE: This link will be available starting March 18th.

- Your application and attachments must be submitted one after another. You cannot upload some files and return later to upload more.
- Follow on-screen instructions.
- After uploading your application, you must select the number of attachments to be uploaded (see screenshot on right).
- You can always click "Previous" to go back at any time.

Massachusetts Dredging Program | Submission Form

Upload Application ← You upload your application on this page.

Upload Your Completed Dredging Application.

1. Click "Choose File."
2. Click on the file you want to upload.
3. Click Open. *Part of the file name should appear on the screen*
4. Select the number of attachments to be uploaded below.
5. Click "Next" to proceed.

Anytown Dredging Application.docx

Select number of attachments to be uploaded.

(If more than 12 attachments, contact
Nicholas.Bulens@mass.gov.)

Number of Attachments. ← After uploading your application, use this dropdown bar to choose the number of attachments.

Click Next to Proceed

← Click Previous to go back at any time!



Submitting an Application – Helpful Tips

- Support your statements with examples, numbers, and other data when asked or when available. Not all statements speak for themselves.
- Complete all sections! We cannot evaluate what isn't answered.
- There are no word or character limits. Please provide complete answers but be mindful of length.
- For ease, applicants may wish to type answers in a separate Word document and copy and paste into answer boxes later.



Pamet Harbor in Truro – 2018 Navigational Dredging Pilot Program Project Site.

Source: State of Our Harbors Report 2015, prepared by UMass Boston Urban Harbors Institute and Apex Companies for MA Division of Waterways.



Award and Evaluation Info. – Award Decisions

- Evaluation Committee composed of staff from EOHED and the Massachusetts Office of Coastal Zone Management (CZM).
- Committee will prepare a list of recommended awards based on...
 - Evaluation criteria.
 - Amount of funding available.
 - Urgency of need.
- Broad and equitable distribution of limited funding may also be considered.
- List is subject to approval by HED Secretary and to ratification by Governor and Lt. Governor.



Lt. Governor Karyn Polito Announces Navigational Dredging Pilot Program Awards in Barnstable (2018).

NOTE: All applicants will be notified in writing of an award or non-award decision.

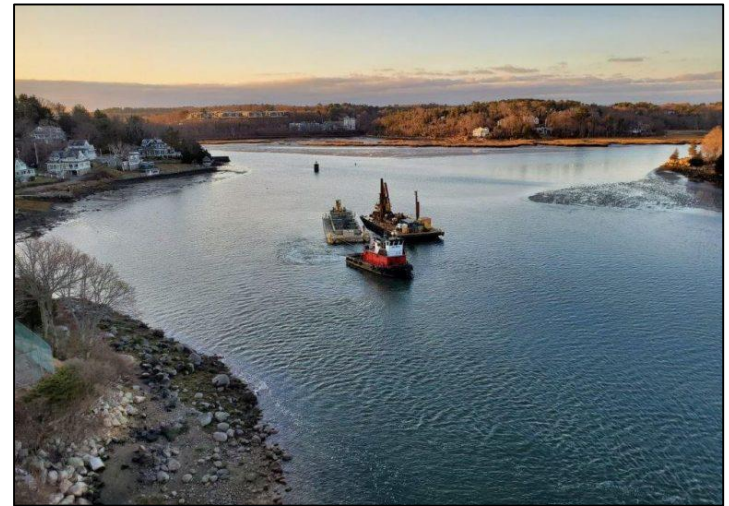


Award and Evaluation Info. – Evaluation Criteria

In assessing applications and recommending awards, the Evaluation Committee will consider and weigh...

- **Harbor Profile**

- Characteristics consistent with a developed harbor (berths, launch ramps, off-loading facilities, harbor-dependent businesses, etc.).
- Characteristics consistent with a downtown or community waterfront (public spaces, recreational boating resources, restaurants, retail shops, commercial zoning, etc.).
- Benefits of the harbor for an Environmental Justice population and/or similar population of need.

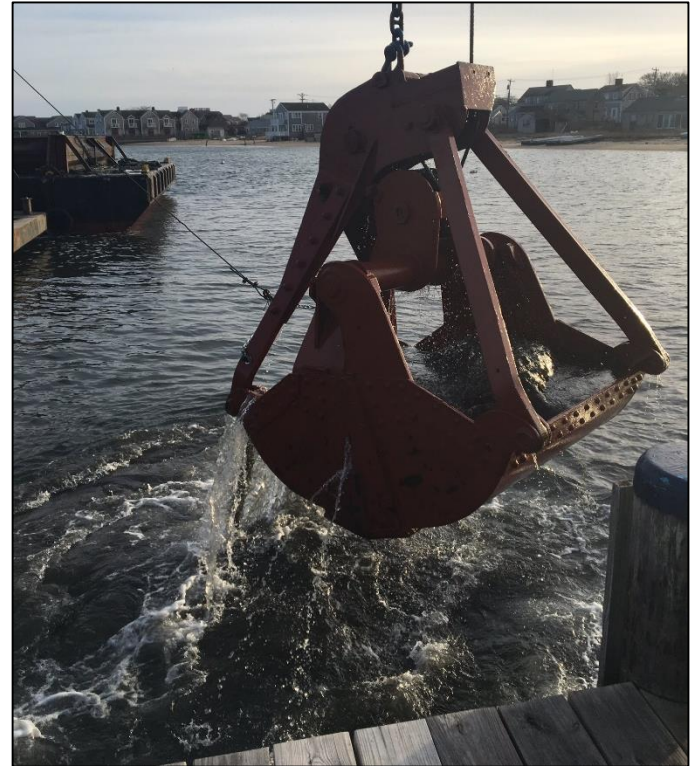


Annisquam River Dredging Project (2019-2020).

Source: USACE. Accessed Feb-27-2020 at <https://www.dredgingtoday.com/2020/01/31/annisquam-river-dredging-program-moves-ahead/>.

Award and Evaluation Info. – Evaluation Criteria

- **Project Description**
 - Strength of the project need.
 - Feasibility of the project scope of work.
 - Evidence of shovel readiness.
- **Budget and Funding Sources**
 - Extent to which pre-construction costs have been funded.
 - Demonstration of a 50% or greater non-state match.
 - Evidence that all match funds have or will be secured.



Nantucket Pier Dredging Project (2019).

Source: Twitter, @ackharbormaster, published Dec-13-2019.

Accessed Feb-27-2020 at <https://twitter.com/ackharbormaster>.



Award and Evaluation Info. – Evaluation Criteria

- **Supporting the Blue Economy** – Evaluated using the following four categories and criteria. While projects strong in multiple categories will generally be more competitive, **projects are not required to excel in all or any set number of categories to be considered for funding.**



Source: MA Division of Marine Fisheries Strategic Plan 2010-2014.

1. Commercial Fishing/Boating

- Presence of commercial fishing, aquaculture, and/or commercial boating activities.
- Strength of the project's support for commercial fishing/boating activities.



Plymouth Harbor

Source: State of Our Harbors Report 2018.

2. Recreational Boating

- Presence of a region-wide boating public, as evidenced by launch ramps, public parking facilities, and/or transient boating accommodations.
- Strength of the project's support for recreational boating and waterfront activities.



Lake Tashmoo Channel, Tisbury.

Source: State of Our Harbor Report 2015.

Award and Evaluation Info. – Evaluation Criteria

3. Public Safety

- Demonstration of an actual or imminent risk to public safety due to shoaling.
- Strength of the project's support for public safety, as measured by a reduction in risk or an increase in emergency responsiveness.



Source: MA Environmental Police Facebook Page, accessed Feb-19-2019.

4. Coastal Resiliency

- Strength of the project's support for preserving, protecting, and/or restoring coastal resources (barrier beaches, wetland resources, water quality, etc.).
- Demonstration of how dredged material will be beneficially reused, if applicable.
- Demonstration of how the project aligns with a city or town's Municipal Vulnerability Preparedness (MVP) plan, if applicable.



Dead Neck Island in Barnstable before beach nourishment (2018).
Source: Barnstable Clean Water Coalition



Dead Neck Island in Barnstable after beach nourishment (2019).
Source: Barnstable Clean Water Coalition



Award and Evaluation Info. – Evaluation Criteria

- **Preparing for Success**
 - Demonstration of how the municipality will sustain the benefits of the project, as evidenced by a dredging maintenance plan, local planning documents, and/or revenue from harbor- or waterway-related fees.
 - Demonstration that the project will generate private investment in harbor-dependent jobs, commercial vessels, and/or additional dredging projects, as evidenced by letters of commitment, if applicable.



Baker-Polito Administration Celebrates Manchester-by-the-Sea Harbor Dredging Project (2017).



Award and Evaluation Info. – Q&A Process

- General questions regarding the RFP will be accepted via electronic mail through 5:00 PM, March 18, 2019.
- Send questions to eoledgrants@mass.gov with subject line “Dredging RFP.”
- EOLED will respond only to general questions and reserves the right not to respond to any or all questions.
- Similar questions may be aggregated and answered via a single response.
- Answers will be posted on the program’s “[How to Apply](#)” page.
- **Staff will assist with technical difficulty questions up to 5:00 pm on the due date.**





Final Reminders and Tips

- All awards must be expended by **June 30, 2021.**
- Read the RFP in full.
- Review the evaluation criteria.
- Complete all sections and provide examples, numbers, and other data to support statements, when asked or when available.
- Consult and collaborate with appropriate municipal staff and/or project stakeholders.



Baker-Polito Administration Celebrates Polpis Harbor and Town Pier Dredging Projects on Nantucket (2019).

Other EOHED Resources

- Coastal municipalities are encouraged to consult the [Seaport Economic Council Grant Program](#) for potential funding assistance with...
 - **Dredging design and permitting (NEW!).**
 - Municipal Harbor Plans and Designated Port Area (DPA) Master Plans.
 - Design and/or construction of public coastal infrastructure (piers, boat ramps, public safety buildings, etc.)
- **Next round of applications due in May 2020.**



Baker-Polito Administration Celebrates Completion of Maritime Center in Marshfield (2018).

Contact Information:

508-999-3030

ellen.cebula@mass.gov



Questions?

Thank you for attending!

Massachusetts Dredging Program

The Massachusetts Dredging Program is the Commonwealth's first grant program with focused funding to support saltwater dredging. This program promotes the strength and sustainability of the Commonwealth's blue economy.

mass.gov/massachusetts-dredging-program