



BRP WW 07, 08 Dredging

Transmittal Number # _____

401 Water Quality Certification – Projects Proposing More Than 100 Cubic Yards
Dredging or Disposal of Dredged Material

A. Applicant Information

1. For which permit category are you applying?

- BRP WW 07 BRP WW 08

2. Applicant:

Name	
Street Address	
City	State
Zip Code	Contact person
Telephone Number (home)	Telephone Number (work)

3. Authorized Agent:

Name	
Street Address	
City	State
Zip Code	Contact person
Telephone Number (home)	Telephone Number (work)

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



B. Project Information

1. Project Location:

Street Address	City
Nearest or Adjacent Waterbody	

2. Project Name (if any):



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Transmittal Number # _____

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B. Project Information (cont.)

3. Will the proposed project occur in any wetlands or waters designated as “Outstanding Resource Waters”?

Yes No

If yes, has public notice been published in the Environmental Monitor?

Yes No

Date of Publication

4. Identify the loss, or alteration, in square feet of each type of resource area (see Application instructions for additional information.):

a. Land under water: _____ square feet

b. Other Resources: _____ square feet

5. Does this project require a license from the Federal Energy Regulatory Commission?

Yes No If yes, see Application Instructions for additional information needed.

6. Is the project categorically subject to MEPA? If yes, has final action been taken?

Yes No Yes No

If yes, please include copy of MEPA certificate.

7. Is any of your proposed work exempt from the Massachusetts Wetlands Protection Act or taking place in a federal non-state wetland?

Yes No If yes, see Application Instructions for additional information needed.

C. Description of Proposed Dredging Site

1. a. Describe in general the proposed project or activity, including the purpose and intended use of the project, and the duration of the work within any waterbody:



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Transmittal Number # _____

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C. Description of Proposed Dredging Site (cont.)

- b. Date activity is to commence: _____
- c. What is the expected frequency of maintenance dredging of this project? _____

2. Attach plan(s) of the proposed project as follows:

- Include a copy of the appropriate portion from the USGS quadrangle map for this project site. Include the identification number and name of the USGS quad map.

Plan view.

The plan view of the proposed activity should show the following:

- | | |
|--|--|
| <input type="checkbox"/> Existing shorelines. | <input type="checkbox"/> Ebb and flood in tidal waters and direction of flow in rivers. |
| <input type="checkbox"/> North arrow. | <input type="checkbox"/> Graphic and numerical scale. |
| <input type="checkbox"/> Mean high and low water lines if the proposed activity is located in tidal areas. | <input type="checkbox"/> Ordinary high water line for inland water. |
| <input type="checkbox"/> Water depths around the project. | <input type="checkbox"/> Principal dimensions of the structure or work and extent of encroachment beyond the applicable high water line. |
| <input type="checkbox"/> Seaward distance from an existing permanent fixed structure or object. | <input type="checkbox"/> Harbor lines, if established and known. |
| <input type="checkbox"/> Distance between proposed activity and navigation channel, where applicable. | <input type="checkbox"/> Location of any vegetated wetlands or wetland resource areas. |
| <input type="checkbox"/> Location of structures, if any, in navigable waters immediately adjacent to the proposed activity | <input type="checkbox"/> Proximity to any designated Areas of Critical Environmental Concern. |

Elevation and/or Section View.

The elevation and/or section view of the proposed project should show the following:

- | | |
|--|---|
| <input type="checkbox"/> Same water elevations as the plan view. | <input type="checkbox"/> Depth at waterward face of proposed work. Show dredging grade. |
| <input type="checkbox"/> Graph and numerical scale. | <input type="checkbox"/> Cross-section of excavation including approximate side slopes. |

3. a. What are the length, width, depth and volume of the proposed project?

Length:

Width:

Feet

Feet

Depth:

Volume:

Feet

Cubic yards



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C. Description of Proposed Dredging Site (cont.)

b. Is the proposed project considered:

i. a new project,

Yes No

ii. maintenance of an existing project?

Yes No

iii. when was the project last dredged?

_____ Date

_____ Permit/License Name and Number

c. Describe in complete detail the physical dredging operation including descriptions of the type of dredge equipment, i.e., hopper dredge, hydraulic dredge, etc., the type of transportation to be used from the dredge site to the disposal site, the method of release of the dredged material into the disposal site, and the name of the contractor if other than the applicant.

d. Describe all measures designed to avoid and minimize adverse impacts of the project on aquatic life and the aquatic ecosystem. Where impacts cannot be avoided or minimized, what mitigation measures are proposed? (See Application Instructions.)

4. Historical Parameters:

To the best of your knowledge, does the proposed project are have any past history of:

a. chemical or oil spills of discharge? Yes No

b. Upstream or on-site industrial or municipal discharge within 1,000 feet of the proposed project? Yes No

c. chronic pollutant loading from port or harbor use and/or other sources of pollutants? (eg. CSO or POTW discharges) Yes No



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C. Description of Proposed Dredging Site (cont.)

If yes to any questions in Item C-4, provide as much historical information as you have, including dates, amounts, concentrations, etc. of such spills or discharge. Attach additional sheets if necessary.

D. Description of Material to be Dredged

1. Grain Size Analysis:

See application for sampling and analysis requirements.

Percentage of total by weight passing

No. 4 Sieve

No. 60 Sieve

No. 10 Sieve

No. 200 Sieve

No. 40 Sieve

2. Chemical Analysis of Sediment:

See application instructions for sampling and analysis requirements. List constituents in mg/kg (ppm) dry weight unless otherwise indicated.

arsenic

cadmium

chromium

copper

lead

mercury

nickel

zinc

PCBs (polychlorinated biphenyls)

PAHs (polynuclear aromatic hydrocarbons)

TPH (total petroleum hydrocarbons)

EPH (extractable petroleum hydrocarbons)

volatile solids (percent)

water (percent)



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E. Description of the Disposal Site for Dredged Material

1. For ocean disposal sites:

a. Location of proposed disposal site and its physical boundaries.

b. Has the site been designated by the state of E.P.A. as a dredge disposal site?

Yes No

If no, give a description of the characteristics of the proposed disposal site and an explanation as to why no currently designated site is feasible for this project.

c. Is the anticipated disposal site located within a designated ocean sanctuary as established by federal law or G.L.c. 132A, sec. 13?

Yes No

If yes, which sanctuary?

2. For disposal sites or dewatering sites on land (landward of mean high water), see instructions

a. Location of proposed disposal and dewatering sites and physical boundaries.

b. Indicate drainage characteristics of dewatering and disposal sites from the results of test pits, borings, and percolation tests as applicable.

c. How long are the dewatering and disposal sites estimated to be in use from this project? From future projects?



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E. Description of the Disposal Site for Dredged Material (cont.)

- d. Include plans for effluent control at the dewatering and disposal sites.
- 3. For proposed dewatering of dredged sediment on a barge, provide plans for adequate containment

F. Certification

Application is hereby made for Water Quality Certification concerning the activities described herein. I certify that I am familiar with the information contained in this application, and that to the best of my knowledge and belief such information is true, complete, and accurate. I further certify that I possess the authority to undertake the proposed activities.

Date

Signature of Applicant or Authorized Agent

The application must be signed by the applicant; however, it may be signed by a duly authorized agent (named in Item 2) if this form is accompanied by a statement by the applicant designating the agent and agreeing to furnish upon request, supplemental information in support of the application.



Application for an amended water quality certification for dredging projects

A. Applicant Information

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



1. Applicant:

Name

Street Address

City

State

Zip Code

Telephone Number

2. Authorized agent:

Name

Street Address

City

Telephone Number

3. Project location:

Street/PO Box:

City

State

Zip Code

4. Summary of proposed changes in the project:

a. increase/decrease in area of dredging:

Square feet

b. increase/decrease in volume of dredging:

Cubic yards

c. change in dredging method:

d. change in disposal method or location:

e. other:



Application for an amended water quality certification for dredging projects

A. Applicant Information (cont.)

5. Explain all changes noted in item 4, including changes, if any, in potential impacts to waters as well as additional mitigation proposed (use additional paper if necessary):

6. Include a copy of the existing certification.

7. Include a plan showing project changes.

8. For a proposed change in the dredging area, submit sediment analysis data of representative sample(s) for grain size and contaminants as required by current policy and regulation (314 CMR 9.07). If you have questions about sediment data, please call the Water Quality Certification Administrator at 617-292-5893.

9. If a change in one or more certification conditions is proposed, provide an explanation for the requested changes (use additional paper if necessary):

B. Certification

Application is hereby made for water quality certification.

Applicant's signature

"I certify that I am familiar with the work proposed and that to the best of my knowledge and belief the information contained in this application is true, complete, and accurate."

Print name

Agent's signature

Print name

Date