Commonwealth of Massachusetts
Executive Office of Environmental Affairs ■ MEPA Office

ENF Environmental Notification Form

For Office Use Only
Executive Office of Environmental Affairs
EOEA No.: 13366
MEPA Analyst: Rick Bourke
Phone: 617-626- 1130

The information requested on this form must be completed to begin MEPA Review in accordance with the provisions of the Massachusetts Environmental Policy Act, 301 CMR 11.00.

Project Name: Spectacle Island Maintenance Dredging		
Street: Spectacle Island		
Municipality: Boston	Watershed: Boston Harbor	
Universal Tranverse Mercator Coordinates: N2943010 E794500	Latitude: N 42° 19.3' Longitude: W 70° 59.3'	
Estimated commencement date: Dec 2004	Estimated completion date: Jan 2005	
Approximate cost: $400, 000	Status of project design: 50 %complete	
Proponent: Department of Conservation & Recreation		
Street: 251 Causeway Street, Suit 600		
Municipality: Boston	State: MA	Zip Code: 02114-2104
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Alan Randall		
Firm/Agency: CA/T Project	Street: 185 Kneeland Street	
Municipality: Boston	State: MA	Zip Code: 02111
Phone: 617-556-2458	Fax: 617-338-8398	E-mail:adrandal@bigdig.com

Does this project meet or exceed a mandatory EIR threshold (see 301 CMR 11.03)? ☐Yes ☒No

Has this project been filed with MEPA before? ☐Yes (EOEA No._____) ☒No

Has any project on this site been filed with MEPA before? ☒Yes (EOEA No. 4325) ☐No

Is this an Expanded ENF (see 301 CMR 11.05(7)) requesting:

a Single EIR? (see 301 CMR 11.06(8))	☐Yes	☒No
a Special Review Procedure? (see 301CMR 11.09)	☐Yes	☒No
a Waiver of mandatory EIR? (see 301 CMR 11.11)	☐Yes	☒No
a Phase I Waiver? (see 301 CMR 11.11)	☐Yes	☒No

Identify any financial assistance or land transfer from an agency of the Commonwealth, including the agency name and the amount of funding or land area (in acres): MTA $300, 000

Are you requesting coordinated review with any other federal, state, regional, or local agency? ☐Yes(Specify_____) ☒No

List Local or Federal Permits and Approvals: US Army Corps of Engineering Permit, Order of Conditions, DEP Water Quality Certification, and DEP Chapter 91 Permit.

Which ENF or EIR review threshold(s) does the project meet or exceed (see 301 CMR 11.03):

- ☐ Land
- ☐ Water
- ☐ Energy
- ☐ ACEC
- ☒ Rare Species
- ☐ Wastewater
- ☐ Air
- ☐ Regulations
- ☒ Wetlands, Waterways, & Tidelands
- ☐ Transportation
- ☐ Solid & Hazardous Waste
- ☐ Historical & Archaeological Resources

Summary of Project Size & Environmental Impacts	Existing	Change	Total
LAND			
Total site acreage	12.75 ac *		
New acres of land altered		0	
Acres of impervious area	0	0	0
Square feet of new bordering vegetated wetlands alteration		0	
Square feet of new other wetland alteration		390, 000	
Acres of new non-water dependent use of tidelands or waterways		0	
STRUCTURES			
Gross square footage		N/A	
Number of housing units		N/A	
Maximum height (in feet)		N/A	
TRANSPORTATION			
Vehicle trips per day		N/A	
Parking spaces		N/A	
WATER/WASTEWATER			
Gallons/day (GPD) of water use		N/A	
GPD water withdrawal		N/A	
GPD wastewater generation/ treatment		N/A	
Length of water/sewer mains (in miles)		N/A	

State Permits & Approvals

- ☒ Order of Conditions
- ☐ Superseding Order of Conditions
- ☒ Chapter 91 License
- ☒ 401 Water Quality Certification
- ☐ MHD or MDC Access Permit
- ☐ Water Management Act Permit
- ☐ New Source Approval
- ☐ DEP or MWRA Sewer Connection/ Extension Permit
- ☐ Other Permits (*including Legislative Approvals*) – Specify:

*** Original dredged and beachfill area**

CONSERVATION LAND: Will the project involve the conversion of public parkland or other Article 97 public natural resources to any purpose not in accordance with Article 97?

☐ Yes (Specify_____) ☒ No

Will it involve the release of any conservation restriction, preservation restriction, agricultural preservation restriction, or watershed preservation restriction?

☐ Yes (Specify_____) ☒ No

RARE SPECIES: Does the project site include Estimated Habitat of Rare Species, Vernal Pools, Priority Sites of Rare Species, or Exemplary Natural Communities?

☒Yes (Specify No Adverse Affect – See attached letter) ☐No

HISTORICAL /ARCHAEOLOGICAL RESOURCES: Does the project site include any structure, site or district listed in the State Register of Historic Place or the inventory of Historic and Archaeological Assets of the Commonwealth?

☐Yes (Specify_____) ☒No

If yes, does the project involve any demolition or destruction of any listed or inventoried historic or archaeological resources?

☐Yes (Specify_____) ☒No

AREAS OF CRITICAL ENVIRONMENTAL CONCERN: Is the project in or adjacent to an Area of Critical Environmental Concern?

☐Yes (Specify_____) ☒No

PROJECT DESCRIPTION: The project description should include **(a)** a description of the project site, **(b)** a description of both on-site and off-site alternatives and the impacts associated with each alternative, and **(c)** potential on-site and off-site mitigation measures for each alternative (*You may attach one additional page, if necessary.*)

In 1996, as part of the Central Artery/Tunnel (CA/T) Project's Spectacle Island landfill closure, the area along the western shoreline where trash barges were off loaded was dredged. This dredged material was placed on the Island under the landfill cap. This activity accomplished three purposes:

1. Removal of trash and fill from the water.
2. Creation of 0.5 acres of tidal area for a beach.
3. Creation of deep water for the construction of a pier.

Subsequent to the dredging, a pier was constructed. In 2002 the wave, screen, access ramp, and floats were constructed as part of the park development.

Also, in 1996-1997 some 30-40,000 cubic yards of coarse sand was placed in the northern part of this dredged area to create the West Beach. Prior to placing the sand two-feet thick, slope protection (using 6-8 inch stone) was constructed directly in front of the subsurface cut-off wall.

Current Situation

Coarse sand has accumulated in the dredged area around the pier. Depths in the inner half of the marina have been reduced significantly (up to 10 feet). The northern half of the West Beach also has experienced some loss of sand, exposing the 6 to 8 inch stone protection placed under the sand.

Proposed Action

Approximately 16,000 cubic yards of coarse sand will be dredged from the pier area for maintenance purposes and placed on the northern half of the West Beach. This work both restores the marina depth profile to its original 1996-97 dredged condition and maintains the West Beach profile at its 1996-97 restored beach condition. The work is planned to be conducted by the Department of Conservation & Recreation in the fourth quarter of 2004.

Different methods or combinations of methods may be used to dredge and place the sand on the beach. The sand may be dredged by hydraulic method and disposed in a bermed area on the West Beach, then spread by bulldozer to the proposed slope. The area above mean sea level may be dredged by land-based mechanical equipment (clam shell). The contractor may choose to use mechanical equipment for the entire job to avoid mobilization of additional equipment. Sand may be placed in trucks north of the pier or in a barge for transport to the northern area of West Beach. Again, it would be placed by mechanical means (bulldozer, or clam shell).

There are numerous methods and equipment the contractor could use, depending on availability to effectively perform the work. With each method there are demonstrated controls that will be required to minimize turbidity during dredging and placement of the coarse sand.

Prior to beginning work, the contractor will be required to submit and obtain approval of a dredging and turbidity control plan.