

ENF Environmental Notification Form

<i>For Office Use Only</i> <i>Executive Office of Environmental Affairs</i>	
EOEA No.:	<u>13461</u>
MEPA Analyst:	<u>Rick Bourre</u>
Phone:	617-626- <u>1130</u>

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: Tern Harbor Marina Maintenance Dredging Project		
Street: 275 River Street		
Municipality: Weymouth	Watershed: Boston Harbor, Weymouth and Weir	
Universal Transverse Mercator Coordinates: N= 4679854.822 E=341102.62	Latitude: 42 15' 24" N	Longitude: 70 55' 53" W
Estimated commencement date: Fall 2005	Estimated completion date: Spring 2006	
Approximate cost: \$250,000	Status of project design: 70%complete	
Proponent: ConocoPhillips Corporation (on behalf of Hewitts Cove Marina/Sea Chain Marine, LLP)		
Street: 600 N. Dairy Ashford St.		
Municipality: Houston,	State: TX	Zip Code: 77252-2197
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Sam Moffett		
Firm/Agency: URS Corporation	Street: 38 Chauncy Street	
Municipality: Boston	State: MA	Zip Code: 02111
Phone: (617) 542-4244	Fax: (617) 542-3301	E-mail: Samuel.Moffett@URSCorp.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. _____) 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): N/A

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

List Local or Federal Permits and Approvals: Weymouth Order of Conditions, USACOE PGP, MACZM Consistency Review

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

- | | | |
|---------------------------------|---------------------------------------|--|
| <input type="checkbox"/> Land | <input type="checkbox"/> Rare Species | <input checked="" type="checkbox"/> Wetlands, Waterways, & Tidelands |
| <input type="checkbox"/> Water | <input type="checkbox"/> Wastewater | <input type="checkbox"/> Transportation |
| <input type="checkbox"/> Energy | <input type="checkbox"/> Air | <input type="checkbox"/> Solid & Hazardous Waste |
| <input type="checkbox"/> ACEC | <input type="checkbox"/> Regulations | <input type="checkbox"/> Historical & Archaeological Resources |

Summary of Project Size & Environmental Impacts	Existing	Change	Total	State Permits & Approvals
LAND				<input checked="" type="checkbox"/> Order of Conditions <input type="checkbox"/> Superseding Order of Conditions <input checked="" type="checkbox"/> Chapter 91 License <input checked="" type="checkbox"/> 401 Water Quality Certification <input type="checkbox"/> MHD or MDC Access Permit <input type="checkbox"/> Water Management Act Permit <input type="checkbox"/> New Source Approval <input type="checkbox"/> DEP or MWRA Sewer Connection/ Extension Permit <input type="checkbox"/> Other Permits (including Legislative Approvals) – Specify:
Total site acreage	Approximately 4.6 Acres			
New acres of land altered		N/A		
Acres of impervious area	N/A	N/A	N/A	
Square feet of new bordering vegetated wetlands alteration		N/A		
Square feet of new other wetland alteration		Approximately 201,500 Square Feet (L.U.W.)		
Acres of new non-water dependent use of tidelands or waterways		N/A		
STRUCTURES				
Gross square footage	N/A	N/A	N/A	
Number of housing units	N/A	N/A	N/A	
Maximum height (in feet)	N/A	N/A	N/A	
TRANSPORTATION				
Vehicle trips per day	N/A	N/A	N/A	
Parking spaces	N/A	N/A	N/A	
WASTEWATER				
Gallons/day (GPD) of water use	N/A	N/A	N/A	
GPD water withdrawal	N/A	N/A	N/A	
GPD wastewater generation/treatment	N/A	N/A	N/A	
Length of water/sewer mains (in miles)	N/A	N/A	N/A	

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

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.*)

The proposed project is maintenance dredging of the Tern Harbor Marina, located at 275 River Street in Weymouth. The project proponent is ConocoPhillips Corporation, acting in cooperation with the property owner, Hewitts Cove Marina/Sea Chain Marine, LLC. Tern Harbor Marina has 120 slips and 10 moorings and is located next to the Weymouthport Condominiums on the Weymouth Back River. The marina is bounded on the north and east sides with a granite riprap revetment and to the west and south by the Weymouth Back River. There are four 8-foot wide floating docks at the marina, which are arranged on an east/west alignment and connected by a six-foot wide floating walkway. A travel lift facility is located at the northeast corner of the marina, and there is a six-foot wide floating pier located on the eastern side of the marina which is located parallel to the base of the revetment forming the eastern boundary of the marina.

The project will take place within the footprint of the existing Tern Harbor Marina. The maintenance dredging will increase the depths within the Marina from a current range of -5 to -13 National Geodetic Vertical Datum (NGVD) of 1929. After completion of the dredging project there will be two depths: -11 and -13 NGVD, as shown in Figure 2. It is anticipated that approximately 14,000 cubic yards of clean sediment material will be dredged at Tern Harbor Marina from an area of approximately 176,500 square feet.

Concurrent with the project, approximately 2-3 thousand cubic yards of cleanup material dredged from Tern Harbor Marina will be removed from an approximately 25,000 square foot area at the base of the revetment located on the eastern edge of the marina. This cleanup component of the proposed dredging project is regulated under the Massachusetts Contingency Plan (MCP), under release tracking number 3-19115 and to a degree under RTN 3-21629. Properties adjacent to the revetment now forming the eastern boundary of Tern Harbor Marina were the former location of the American Agricultural Chemical Company (TAACC) fertilizer manufacturing facility on Weymouth Neck. TAACC, including its predecessors, owned the land that is now within these parcels from 1861 to 1966, when TAACC merged with Continental Oil Company (Conoco, now known as ConocoPhillips Company) and the phosphate fertilizer manufacturing plant was shut down. Solid wastes generated by the fertilizer production during the period of facility operation were disposed at the site.

As a component of Weymouth Neck site investigations conducted under the MCP, URS Corporation, on behalf of ConocoPhillips, conducted subtidal sediment sampling within Tern Harbor Marina and at other locations around Weymouth Neck between March 11, 2003 and March 13, 2003. The results were subsequently documented in a report dated October 1, 2003. The report indicated that samples collected at the base of the Tern Harbor Marina revetment contained elevated concentrations of copper, arsenic, lead, and zinc compared to reference locations. Intertidal sediment samples collected from the northeast corner of the Tern Harbor Marina in September 2004 also had elevated levels of arsenic, lead, and zinc. A further sediment sampling plan to fully characterize the extent and nature of the contamination at the base of the Tern Harbor revetment was developed in consultation with the United States Army Corps of Engineers and the Massachusetts Department