

**Commonwealth of Massachusetts**  
**Executive Office of Environmental Affairs ■ MEPA Office**

**ENF** **Environmental Notification Form**

<i>For Office Use Only</i> <i>Executive Office of Environmental Affairs</i>	
EOEA No.:	14147
MEPA Analyst:	Holly Johnson
Phone: 617-626-	X1023

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: <b>Twin Rivers Technologies Confirmatory Ch91 Licensing</b>		
Street: <b>Washington Street</b>		
Municipality: <b>Quincy, MA</b>	Watershed: Fore River	
Universal Transverse Mercator Coordinates:	Latitude: 42° 14'43.26" N	
UTM Zone 19; 336237 , 4697733	Longitude: 70° 58'09.23" W	
Estimated commencement date: <b>2007</b>	Estimated completion date <b>2007</b>	
Approximate cost \$ <b>00</b>	Status of project design: <b>100</b> % complete	
Proponent: <b>Twin Rivers Technologies Quincy, LLC</b>		
Street: <b>780 Washington Street</b>		
Municipality: <b>Quincy</b>	State: <b>MA</b>	Zip Code: <b>02169</b>
Name of Contact Person From Whom Copies of this ENF May Be Obtained: <b>Lester B. Smith</b>		
Firm/Agency: <b>Epsilon Associates</b>	Street: <b>3 Clock Tower Place Suite 250</b>	
Municipality: <b>Maynard</b>	State: <b>MA</b>	Zip Code: <b>01754</b>
Phone: <b>978-897-7100</b>	Fax: <b>(978) 897-0099</b>	E-mail: <b>lsmith@epsilonassociates.com</b>

- 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):

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

List Local or Federal Permits and Approvals: The following local and federal permits and approvals may be required for the project: Local: None required. Federal: none required.

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
<b>LAND</b>				<input type="checkbox"/> Order of Conditions <input type="checkbox"/> Superseding Order of Conditions <input checked="" type="checkbox"/> Chapter 91 License <input 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 <i>(including Legislative Approvals) – Specify:</i>
Total site acreage Twin Rivers Property Total =	23.3			
New acres of land altered		0		
Acres of impervious area Structures, roadways, and parking areas above MLW: Existing Site Total =	13.3 13.3	0 0	13.3 13.3	
Square feet of new bordering vegetated wetlands alteration		0		
Square feet of new other wetland alteration		0		
Acres of new non-water dependent use of tidelands or waterways		0		
<b>STRUCTURES</b>				
Gross square footage Total =	330,845	0	330,845	
Number of housing units	0	0	0	
Maximum height (in feet) - Stack height: - Other structure:	272 162	0 0	272 162	
<b>TRANSPORTATION</b>				
Vehicle trips per day - By Railcar: - By truck:	~20 ~10	0 0	~20 ~10	
Parking spaces	10	0	10	

**WATER/WASTEWATER**

Gallons/day (GPD) of water use			
-Drawn from City:	100,000	0	100,000
-Non-contact cooling water drawn from Fore River:	~5,000,000	0	~5,000,00
GPD water withdrawal	0	0	0
GPD wastewater generation/treatment	100,000	0	100,000
Length of water/sewer mains (in miles)	<1	0	<1

**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  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.)

(a). **Project Site:** The project site comprises several discrete areas within an approximately 23-acre property which is the location of the Twin Rivers Technologies Quincy, LLC water-dependent industrial facility. This property, within the Fore River Designated Port Area in Quincy, has been in marine industrial use for almost two centuries. The property is almost entirely impervious surface area, with several industrial buildings, tank fields, and other processing equipment. A total of 9,055 sf within the larger Twin Rivers facility property is affected by the confirmatory Chapter 91 licensing which is the subject of this ENF.

**Proposed Project:** The Proponent is applying for a Chapter 91 Waterways License for certain existing (since at least 1956) pile-supported structures, fill, and a section of seawall in filled and flowed Private and Commonwealth tidelands. These structures and fill were constructed over the past century in this Designated Port Area to increase the water-dependent facility's ability to moor and unload ships. Several of the structures (dolphin, bollards, and pier in the northwest corner of the site) and the fill and seawall were licensed prior to their construction, but because those licenses were never recorded at the Registry of Deeds, the original licenses are void under current (post-1990) Chapter 91 regulation. The Proponent is applying for new licenses to confirm the valid continued existence of these water-dependent facilities under Chapter 91. The specific structures and fill to be licensed, as shown on Figure 2, are as follows:

- ◆ fill and seawall (4,902 sf) constructed on December 15, 1887, in the southeast portion of the property originally authorized under unrecorded H&L License No. 1039, in an area that is now part of a parking lot serving the water-dependent industrial facility;
- ◆ a mooring dolphin (277 sf) constructed on June 11, 1956 along the northern edge of the property, originally authorized under unrecorded DPW License No. 3857, which has been used to moor boats during unloading since its construction in 1956;
- ◆ a walkway and bollard (1434 sf.) connected to structures authorized by, but not included under, unrecorded DPW License No. 3857 on the northern edge of the property, which has been used to moor boats during unloading since its construction in 1956; and
- ◆ a manifold structure (2442 sf) along the walkway on the northern end of the project site, also associated with but not included under unrecorded DPW License No. 3857, also on the northern edge of the property, which is the offloading manifold for the facility and has been used since its construction in 1956.

**(b) Alternatives/Community Process:** There are no alternatives to the continued water-dependent use of the structures or fill in question. These structures and fill were constructed between 50 and 120 years ago, and have served continuously as vital elements to loading and offloading ships in this water-dependent industrial use facility. The pile-supported structures, including dolphins, walkways, and the offload manifold, that are located in both filled and flowed Private and Commonwealth tidelands, are essential to mooring ships for offloading, and then actually emptying the ships. The fill in the southeast region of the site is now the base for a parking area, which is where the shipping and receiving from trucks takes place. These existing structures and fill are essential elements in the day-to-day functioning of the Proponent's water-dependent facility within the Designated Port Area.

**(c) Proposed Mitigation Measures and Public Benefits:** The Project elements were constructed between 50 and 120 years ago, to serve water-dependent, industrial uses. Since the functioning of water-dependent facilities within a Designated Port Area directly supports Chapter 91 public purposes, and there are no adverse impacts on any protected water-related interests, no mitigation is necessary.