

**ENF**

**Environmental  
 Notification Form**

*For Office Use Only*  
*Executive Office of Environmental Affairs*  
 EOE No.: 13364  
 MEPA Analyst: Rick Bourne  
 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: BWSC Storm Drain Outfall 62 Replacement		
Street: Corner of Leverett Avenue and Lawn Avenue		
Municipality: East Boston	Watershed: Belle Isle Inlet, Boston Harbor	
Universal Transverse Mercator Coordinates: 19 335739E 4694904N	Latitude: 42.3890 N Longitude: 70.9955 W	
Estimated commencement date: Spring 2005	Estimated completion date: Fall 2005	
Approximate cost: \$100,000	Status of project design:	100 %complete
Proponent: Boston Water and Sewer Commission		
Street: 980 Harrison Avenue		
Municipality: Boston	State: MA	Zip Code: 02119-2540
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Thomas Daly		
Firm/Agency: Boston Water and Sewer Commission	Street: 980 Harrison Avenue	
Municipality: Boston	State: MA	Zip Code: 02119-2540
Phone: 617-989-7426	Fax: 617-989-7749	E-mail: dalytj@bwsc.org

- 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 DEP, Boston ConCom, CZM Review )  No

List Local or Federal Permits and Approvals:  
Boston Conservation Comm. NOI, DEP Chapter 91, MA PGP, CZM 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 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 checked="" 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 checked="" 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 checked="" 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	0.04			
New acres of land altered		0.02		
Acres of impervious area	0	0	0	
Square feet of new bordering vegetated wetlands alteration		100		
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	0	25	25	
Number of housing units	0	0	0	
Maximum height (in feet)	0	0.5	0.5	
<b>TRANSPORTATION</b>				
Vehicle trips per day	0	0	0	
Parking spaces	0	0	0	
<b>WATER/WASTEWATER</b>				
Gallons/day (GPD) of water use	0	0	0	
GPD water withdrawal	0	0	0	
GPD wastewater generation/ treatment	0	0	0	
Length of water/sewer mains (in miles)	0.01	0.01	0.02	

**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 Belle Isle Marsh (Rumney Marsh) \_\_\_\_\_ )  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) The project site consists of an existing buried 12 inch storm drain which extends approximately 50 LF from a catch basin at the corner of Leverett and Lawn Avenue in East Boston to a 12 inch stormwater discharge pipe/outfall (DO62) at the edge of the Belle Isle Marsh. The site exists mainly within a buffer zone (sparsely vegetated with small trees and shrubs) adjacent to both a brackish marsh (phragmites) and salt marsh (spartina).
- (b) The project involves the replacement/upgrade of the existing storm drain and discharge outfall. The new drainpipe will be 18 inches in diameter. The length of the drain will be extended by about 50 LF to a total length of 100 LF. Excavation for replacement of the new drain will occur in the buffer zone except for approximately 5 LF of excavation in the brackish marsh (phragmites). No excavation will occur in the salt marsh. The replacement outfall discharge will consist of a deep sump/manhole at the end of the drainpipe and within the brackish marsh (phragmites). Therefore, only about 50 SF of brackish marsh will be excavated for placement of the sump/outfall structure. No soil excavated on the site will be spread on the marsh but will be stored temporarily on the buffer zone, and subsequently loaded into a truck for disposal or returned to the excavation.
- (c) The mitigation techniques to be instituted during the project include: (1) installation of hay bales and silt fences around the excavation area to preclude migration of soil into the wetland, (2) placement of any excavated soil on the buffer zone only (not the marsh), (3) removal of surplus soil from the site rather than filling, (4) replacement of any disturbed phragmites vegetation in the marsh with phragmites rhizomes where they previously existed and replacement of any disturbed shrubs in the buffer zone with bayberry or sumac.