

# ENF Environmental Notification Form

For Office Use Only  
Executive Office of Environmental Affairs

EOEA No.: 13234  
MEPA Analyst: LeAndre Dames  
Phone: 617-626-1628

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: Brookline Landfill Closure		
Street: 815 Newton Street		
Municipality: Brookline	Watershed: Charles River	
Universal Transverse Mercator Coordinates: 19 03 20 842E 46 86 569N	Latitude: 42 18' 45.57"N	Longitude: 71 10' 25.68"W
Estimated commencement date: June 2004	Estimated completion date: November 2006	
Approximate cost: \$11,100,000	Status of project design: 25% complete	
Proponent: Town of Brookline		
Street: 333 Washington Street		
Municipality: Brookline	State: MA	Zip Code: 02445
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Christopher Hayward		
Firm/Agency: CDM, Inc.	Street: 50 Hampshire Street	
Municipality: Cambridge	State: MA	Zip Code: 02139
Phone: 617-452-6000	Fax: 617-452-8000	E-mail: haywardcj@cdm.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 301 CMR 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): Agreement between Town and DCR (formerly MDC) for use of DCR property by the Town. See Appendix A for a copy of the draft agreement.

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

List Local or Federal Permits and Approvals: NPDES permit – General Permit for Construction Activities, Local Order of Conditions

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

- |  |                                       |  |
|--|---------------------------------------|--|
| <input checked="" 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 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 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 checked="" type="checkbox"/> Other Permits (including Legislative Approvals) – Specify:
Total site acreage	68 acres			
New acres of land altered		0		
Acres of impervious area	4	6	10	
Square feet of new bordering vegetated wetlands alteration		3000 s.f.		
Square feet of new other wetland alteration		N/A		
Acres of new non-water dependent use of tidelands or waterways		N/A		
<b>STRUCTURES</b>				<input type="checkbox"/> DEP or MWRA Sewer Connection/ Extension Permit <input checked="" type="checkbox"/> Other Permits (including Legislative Approvals) – Specify:
Gross square footage	17,125	-2,500	14,625	
Number of housing units	N/A	N/A	N/A	
Maximum height (in feet)	170	-130	40	
<b>TRANSPORTATION</b>				<u>Solid Waste Approvals-Corrective Action</u> <u>Design, Comprehensive Site Assessment, Post-Closure Use Application, Major Modification of Solid Waste Transfer Station</u>
Vehicle trips per day	18	15 (seasonal use)	Apprx. 33 with seasonal increase	
Parking spaces	10	50	60	
<b>WASTEWATER</b>				
Gallons/day (GPD) of water use	110	-	110	
GPD water withdrawal	N/A	N/A	N/A	
GPD wastewater generation/treatment	100 gals.	-	100 gals.	
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

Project includes the development of a recreational field on a site currently used for Town public works functions. Project also includes interconnections between Town and DCR-owned designated Conservation Lands under Article 97 including the development of parking and access areas to the DCR-owned Lost Pond Conservation Area.

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

Based on review of the Natural Heritage and Endangered Species Program Natural Heritage Atlas 11<sup>th</sup> edition dated July 1 2003, there were no identified habitats of rare wetland species or priority habitats within or near the project location. A letter was sent to the NHESP on January 21, 2004 requesting review. Correspondence will be forwarded to MEPA upon receipt.

**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

Based on review of the 2002 State Register of Historic Places, there are no listings of historic sites or structures within the project area. A letter was sent to the Massachusetts Historical Commission on January 21, 2004 requesting review. Correspondence will be forwarded to MEPA upon receipt.

**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 and Site Description:** The Town of Brookline's Landfill Closure Project (the Project) is the final closure of two landfills in accordance with applicable Massachusetts Department of Environmental Protection (MA DEP) regulations. The two landfill sites are located off Incinerator Drive at 815 Newton Street (See Figure 1). The sites are bordered to the south by Newton Street. The older landfill, located near the entrance of Incinerator Drive off Newton Street is known as the Front Landfill. The Back Landfill is located at the end of Incinerator Drive west of the incinerator building currently used as the Town's transfer station.

The proposed project involves four steps; 1) closure of the Front and Back Landfills, 2) removal of

offsite waste, 3) demolition/reconstruction of the existing incinerator building and construction of new DPW facilities and 4) construction of playing fields on the Front Landfill. The Front Landfill will be reused as a recreation facility and a portion of the Back Landfill will be reused for DPW operations. The closure of the Front Landfill also includes the relocation of incinerator ash historically placed on private residential lots beyond the limit of landfill work and the installation of a permeable fabric layer at several lots where the thickness of the ash prohibits its entire removal. Finally, the project includes the reconstruction of the existing transfer station at the Back Landfill site including the demolition of the former incinerator and the relocation of DPW operations from the Front Landfill to the Back Landfill to mitigate noise impacts to surrounding neighborhoods as well as improve the handling of solid waste and recyclable materials generated by Town residents.

The Front Landfill began operation in 1936 when it received waste from the incinerator located at the site of the current Municipal Services Center off Hammond Street and subsequently the facility adjacent to the Back Landfill. The Back Landfill began operation in 1952 at which time it accepted ash and by-pass waste from the on-site incinerator. Both sites ceased accepting waste for disposal in 1975. The overall project will be completed in phases that are described in greater detail in the Land section narrative.

**(b) Alternatives:** The Town has completed the environmental assessment for each landfill site. The conclusions of these assessments are that capping of the site with the standard cap required by the MA DEP Solid Waste Management Regulations (310 CMR 19.000) is appropriate for regulatory compliance and protection of human health, safety and the environment.

Other potential alternatives considered include the “no action” alternative and capping with no reuse. These were rejected. The “no action” alternative does not comply with DEP regulations as the inactive landfills would not be capped. The option of capping with no reuse does comply with DEP standards, but it does not allow the Town to construct much-needed recreational facilities nor maintain necessary DPW uses currently conducted on the site.

**(c) Mitigation Measures:** This Project was designed to close and cap the Front and Back Landfills in accordance with appropriate state and federal landfill closure requirements. Through the public CAC process, there have been numerous mitigation measures already enacted to address issues identified with the current and future site uses.

This project will impact Bordering Vegetated Wetland (BVW) areas located along the northwestern edge of the Back Landfill. Disturbed wetland areas will be restored to result in no loss of wetlands. Excavation will be performed during periods of low water to minimize impacts to the greatest extent possible. Appropriate erosion and sedimentation control measures will be implemented until the area is stabilized. A more detailed discussion of the proposed mitigation measures is presented in the attached Wetlands narrative.