

# ENF Environmental Notification Form

<i>For Office Use Only</i>	
<i>Executive Office of Environmental Affairs</i>	
EOEA No.:	<u>13203</u>
MEPA Analyst:	<u>Bill GAGE</u>
Phone:	<u>617-626-1025</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: TBI Transfer Station & Recycling Facility		
Street: 210 Holt Road		
Municipality: North Andover	Watershed: Merrimack River	
Universal Transverse Mercator Coordinates: 4,732,096m N, 326,381 M E	Latitude: 42-43-24N	Longitude: 71-07-14E
Estimated commencement date: Oct. 2004	Estimated completion date: May 2005	
Approximate cost: \$5.0 Million	Status of project design: 25 %complete	
Proponent: TBI, Inc.		
Street: 210 Holt Road		
Municipality: North Andover	State: MA	Zip Code: 01845
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Alan R. Kirschner		
Firm/Agency: Brown and Caldwell	Street: 48 Leona Drive, Suite C	
Municipality: Middleboro	State: MA	Zip Code: 02346
Phone: (508) 923-0879	Fax: (508) 923-0894	E-mail: akirschner@brwncald.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. 10849)  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): None

Are you requesting coordinated review with any other federal, state, regional, or local agency?

Yes (Specify \_\_\_\_\_)  No

List Local or Federal Permits and Approvals: Local special permit, site plan review and site assignment; federal storm water NPDES

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 checked="" 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 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	6			
New acres of land altered		4.0		
Acres of impervious area	1.4	2.0	3.4	
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>				<hr/> Site Suitability Review <hr/> Authorization to Construct <hr/> Authorization to Operate <hr/> <hr/> <hr/>
Gross square footage	15,000	30,000	45,000	
Number of housing units	0	0	0	
Maximum height (in feet)	25	10	35	
<b>TRANSPORTATION</b>				
Vehicle trips per day	70	272	342	
Parking spaces	30	15	45	
<b>WASTEWATER</b>				
Gallons/day (GPD) of water use	800	45	1250	
GPD water withdrawal	0	0	0	
GPD wastewater generation/ treatment	800	450	1250	
Length of water/sewer mains (in miles)	0	0	0	

**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.)

*(a) Project Description*

The project is a transfer station and recycling facility for construction and demolition debris and commercial solid waste. It will have a capacity of 650 tons per day (tpd). A combination of mechanical screens and manual sorting stations will be employed to capture recyclables from incoming waste. Grinding equipment will be used to reduce the volume of waste that isn't recyclable. All waste handling operations will be conducted inside a 30,000 square foot, fully-enclosed building.

The Facility is designed to be consistent with the goals and objectives of the Beyond 20000 Solid Waste Master Plan of the Massachusetts Executive Office of Environmental Affairs and the Department of Environmental Protection (DEP). Accordingly, the Facility includes a significant commitment to recycling and the management of construction and demolition debris. The Facility will also provide the infrastructure needed to support the DEP's proposed ban on the disposal of unprocessed construction and demolition waste.

The proponent's commitment to recycling and waste diversion is clearly demonstrated by its agreement with the Town of North Andover, which includes:

1. Curbside collection of recyclables. The proponent will provide curbside collection of recyclables, free of charge, to the residents of the Town of North Andover and Town schools. Paper and glass, steel (tin), aluminum and plastic containers will be collected.
2. Curbside collection of "white goods". The proponent will provide curbside collection of "white goods" (i.e. large appliances) and chlorofluorocarbon (CFC) item collections and management to the residents of the Town of North Andover.
3. Recyclables drop-off center. The proponent will provide and manage a drop-off center for recyclables, free of charge, for the residents of the Town of North Andover.
4. Container for recycling furniture. The proponent will provide a container to serve as a drop-off point for reusable furniture.

5. Commitment to waste diversion and recycling goals. The proponent will divert 50 percent or 325 tpd of incoming material at the facility from disposal. The diversion rate will increase in accordance the following schedule:
- Two years from the first day of operation – 55 percent or 358 tpd;
  - Five years from the first day of operation – 60 percent or 390 tpd; and
  - Seven years from the first day of operation – 75 percent or 488 tpd.

*(b) Project Alternatives*

The Facility is located in the Industrial 2 District of the Town of North Andover. It is also in the Adult Use overlay district established by the Town. Therefore, allowed site development alternatives include offices, light manufacturing, contractor's yard, fuel storage, bus garage, hotel and other similar uses. The overlaying district allows adult bookstores, adult cabarets, adult motion picture theaters, adult paraphernalia stores and adult video stores. At the present time, there is a proposal for an adult entertainment facility for the site being reviewed by the Town of North Andover.

If the proposed TBI Transfer Station and Recycling Facility is not developed a void will remain in the construction and demolition debris management capacity in the northeast portion of the state. Consequently, it will be more difficult for the state to attain its waste diversion and recycling goals, as described in the Beyond 2000 Solid Waste Master Plan.

*(c) Mitigation Measures*

The project will include a multitude of engineered and operational controls to mitigate the potential for facility impacts. A summary of mitigation measures is provided below.

1. Enhanced Best Management Practices (BMPs). The Facility will employ enhanced BMPs consistent with guidance of the DEP and the industry, in general. A list of BMPs the proponent will implement is provided below.
  - Fully enclosed waste handling areas;
  - Automatic roll-up doors for waste delivery bays;
  - Water misting inside the building to control dust;
  - Electric powered motors for stationary equipment;
  - Low-emission diesel powered waste handling equipment;
  - Holt Road will be swept weekly.

In addition, the Facility will employ storm water run-off management BMPs to protect water quality.

2. Dust emission plan. A dust emission sampling and analysis plan will be developed for implementation after facility operations begin. The plan will include contingency plans to address unacceptable dust emission, if such conditions are observed.
3. Established haul routes. The proponent and the Town have agreed on a haul route for trucks accessing the facility from areas outside the local area.