

ENF

**Environmental
Notification Form**

For Office Use Only
Executive Office of Environmental Affairs
EOEA No.: **13377**
MEPA Analyst: **Aisling Eglinton**
Phone: 617-626-**1024**

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: The Glen		
Street: 124 Fiskdale Road		
Municipality: Brookfield	Watershed: Quinebaug	
Universal Transverse Mercator Coordinates: Zone 19 Meters NAD 83: 242238.58 East, 4674498.29 North	Latitude: 42 10 48.65 N Longitude: 72 07 15.83 W	
Estimated commencement date: Spring 2005	Estimated completion date: Spring 2006	
Approximate cost: \$200,000 (roads/utilities)	Status of project design: 75%complete	
Proponent: N. Douglas Powers		
Street: 14 Shore Road		
Municipality: North Brookfield	State: MA	Zip Code: 01535
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Jessica Dominguez		
Firm/Agency: Earth Tech, Inc.	Street: 196 Baker Ave.	
Municipality: Concord	State: MA	Zip Code: 01742
Phone: (978) 371-4241	Fax: (978) 371-2468	E-mail: jessica.dominguez@earthtech.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:

Notice of Intent Filed with the Brookfield Conservation Commission on 8/6/04 and was still under review as of the time of this filing. A 401 Water Quality Certification Application was submitted to MA DEP on 8/27/04.

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 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 <i>(including Legislative Approvals) – Specify:</i>
Total site acreage	43.03			
New acres of land altered		6.28		
Acres of impervious area	0	1.01	1.01	
Square feet of new bordering vegetated wetlands alteration		11,490		
Square feet of new other wetland alteration		0		
Acres of new non-water dependent use of tidelands or waterways		0		
STRUCTURES				
Gross square footage	0	12,000	12,000	
Number of housing units	0	6	6	
Maximum height (in feet)	0	30	30	
TRANSPORTATION				
Vehicle trips per day	0	60	60	
Parking spaces	0	12	12	
WATER/WASTEWATER				
Gallons/day (GPD) of water use	0	2904	2904	
GPD water withdrawal	0	2904	2904	
GPD wastewater generation/ treatment	0	2640	2640	
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.*)

The 43.03-acre site is currently undeveloped and consists of wooded uplands and wetlands. The proposed project includes the subdivision of the site into 6 single-family parcels with a roadway connection to Fiskdale Road. The development will also include roadways, utilities, detention areas and grading. A portion of this activity will occur within bordering vegetated wetland (BVW), and a road crossing of BVW is planned as well.

Wetland replication is proposed at a 1:1 ratio. In addition, the proponent is setting aside 5.72 acres of the site as permanently protected open space. The portion of the site proposed for development has adequate, continuous upland for six house lots. Approved percolation tests have been completed on these six lots. Each lot will have an individual well and septic system to handle water and wastewater needs. Traffic impacts are expected to be minimal, as the project will create only approximately 60 new trips per day.

Construction of the new homes will result in 6.28 acres of land alteration and the creation of 1.01 acres of impervious area. In order to connect to Fiskdale Road, a wetland crossing will be necessary. The access road will be a single dead end roadway, which will follow the footprint of an existing utility access road. Some gravel fill has recently been added to the utility road, between Fiskdale Road and a stream crossing, prior to initiating the permit process. The filled area is being considered as wetland for purposes of this analysis and associated filings. The old utility road crosses an intermittent stream at a stone box culvert. It is proposed to incorporate the utility road, and the existing stone culvert, into the proposed subdivision roadway. Approximately 11,490 square feet of BVW will be altered as a result of this crossing and other development activities. See Attachment E.

An ENF is required due to the alteration of over 5,000 square feet of bordering vegetated wetland.

The portion of the project associated with the proposed access road is a limited project according to the Massachusetts Wetlands Protection Act Regulations at 310 CMR 10.53(3)(e). The project proposes a wetland crossing for the purposes of providing access to developable land, to which there is no reasonable alternative means of access.

Wetland Impact Alternatives:

No-Build Alternative - If no wetland crossing were allowed the applicant would have no access to six, otherwise buildable lots.

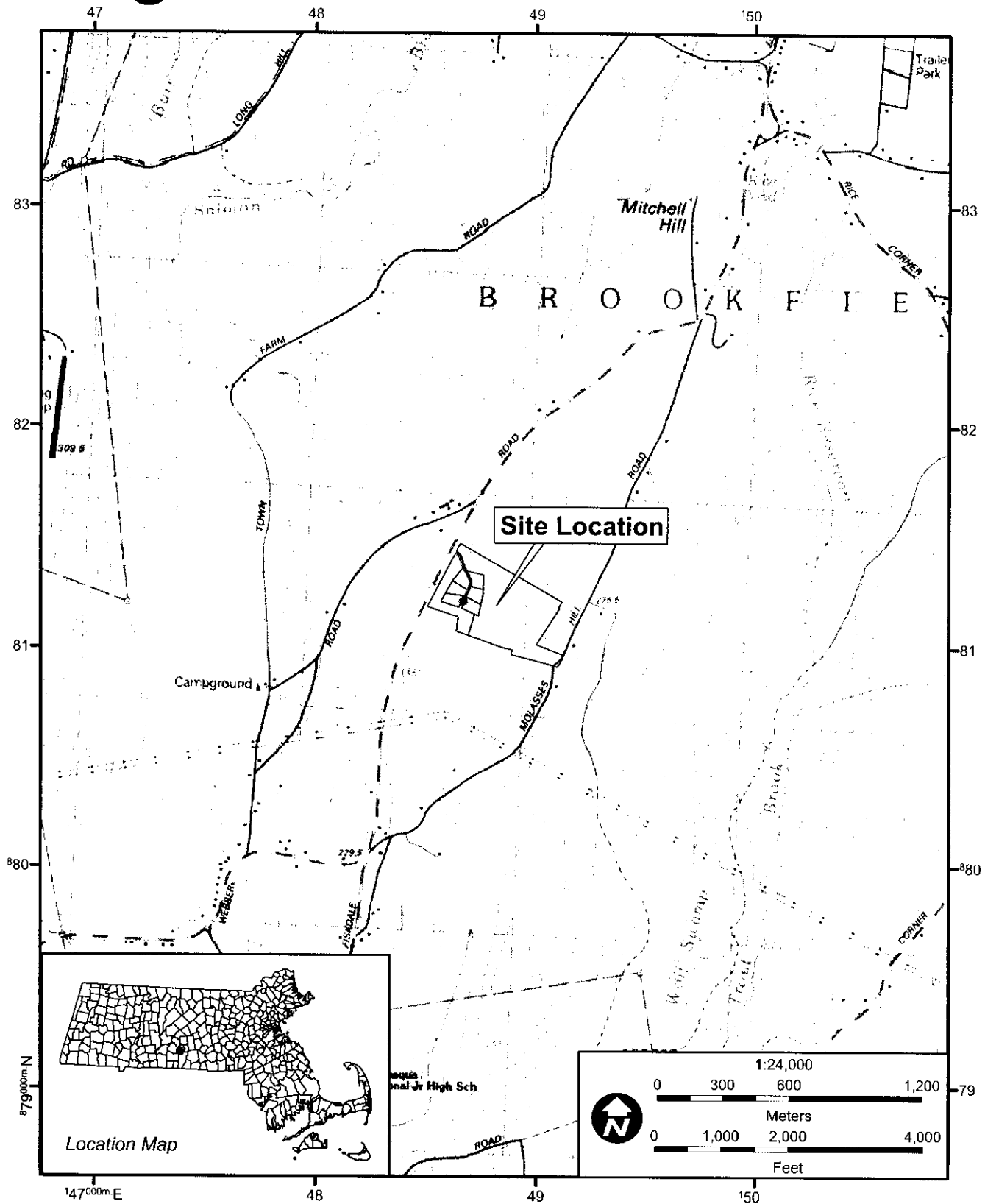
Upland Access Alternative - There is no upland access alternative on property owned by the applicant. As depicted on the site plan, access to the buildable area requires a wetland crossing either from Fiskdale Road (as

proposed) or from Molasses Hill Road. Access from Molasses Hill Road is not practicable due to steep slopes and ledge coming in off Molasses Hill in addition to the approximately 1,500 feet of roadway that would have to be built. The proposed access off Fiskdale Road slightly exceeds the maximum dead-end length of 500 feet and waivers are being sought. Upland access exists from the adjacent parcel to the south but is unfeasible for two reasons. First, the parcel to the south is not, and was not formerly, owned or controlled by the applicant. Second, the only upland access over the adjacent parcel to the south is from Molasses Hill Road and the same issues of excessive dead-end length and topographic limitations apply.

Alternative Technologies – The proposed roadway and wetland crossing follows the footprint of a pre-existing utility access road. Full-length retaining walls are proposed to minimize the footprint of new wetland fill. The utility access road crossed an existing stream at a stone box culvert. It is proposed to utilize the existing culvert for the new roadway. Alternative stream crossing methods were not considered due to the presence and functionality of the existing culvert.

Mitigation:

Wetland replication will be provided at a 1:1 ratio. It is proposed that a thin strip of upland between Fiskdale Road and the existing wetland will be converted to BVW. The wetland replication is designed to meet the performance standards for Bordering Vegetated Wetland at 310 CMR 10.55(4)(b). The replication area is located on the property and will be hydraulically connected to the wetland area to be impacted. The wetland mitigation area is detailed on the project plans found in Attachment E.



Portion of Warren and East Brookfield
 7.5' USGS quadrangles.
 Scanned quadrangles supplied by EOEA, MassGIS.
 Date of quads: 1982.
 10,000 Meter Grid Massachusetts State Plane NAD83.

Figure 1
Site Locus Map
The Glen
Brookfield, Massachusetts