

For Office Use Only
Executive Office of Environmental Affairs
 BOEA No.: 13706
 MEPA Analyst: Nick ZAVOLAS
 Phone: 617-626-1030

ENF Environmental Notification Form

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: Carriage Hill		
Street: East Main Street		
Municipality: Merrimac	Watershed: Merrimack	
Universal Transverse Mercator Coordinates: 19 336627mE 4745017mN (NAD83)	Latitude: 42 50' 25" N Longitude: 70 59' 57" W	
Estimated commencement date: Jun 06	Estimated completion date: June 11	
Approximate cost:	Status of project design: 90	%complete
Proponent: Toll Brothers, Inc.		
Street: 83 Cedar Street		
Municipality: Milford	State: MA	Zip Code: 01757
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Matthew Connors, PE		
Firm/Agency: Hancock Associates	Street: 185 Centre Street	
Municipality: Danvers	State: MA	Zip Code: 01930
Phone: (978) 777-3050	Fax: (978) 774-7816	E-mail: mconnors@hancockassociates.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: **NA**
- 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:
- EPA – NPDES
 - Merrimac Zoning Board – Comprehensive Permit
 - Merrimac Conservation Commission – Notice of Intent
 - Mass Highway – Curb Cut Permit
 - DEP – Sewer Connection Permit

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

- | | | |
|--|--|--|
| <input checked="" type="checkbox"/> Land | <input checked="" type="checkbox"/> Rare Species | <input checked="" type="checkbox"/> Wetlands, Waterways, & Tidelands |
| <input type="checkbox"/> Water | <input checked="" type="checkbox"/> Wastewater | <input checked="" 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 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 checked="" type="checkbox"/> DEP or MWRA Sewer Connection/Extension Permit <input checked="" type="checkbox"/> Other Permits (including Legislative Approvals) – Specify: Merrimac Zoning Board – Comprehensive permit
Total site acreage	77.464 +/-			
New acres of land altered		45.4		
Acres of impervious area	Zero	18.6	18.6	
Square feet of new bordering vegetated wetlands alteration		-11,464 SF Filling +22,927 SF Replication		
Square feet of new other wetland alteration		Zero		
Acres of new non-water dependent use of tidelands or waterways		NA		
STRUCTURES				
Gross square footage	Zero	328,832	328,832	
Number of housing units	Zero	216	216	
Maximum height (in feet)	Zero	22.75 +/-	22.75 +/-	
TRANSPORTATION				
Vehicle trips per day	Zero	1,780	1,780	
Parking spaces	Zero	578	578	
WATER/WASTEWATER				
Gallons/day (GPD) of water use	Zero	66,330	66,330	
GPD water withdrawal	Zero	Zero	Zero	
GPD wastewater generation/treatment	Zero	66,330	66,330	
Length of water/sewer mains (in miles)	Zero	2.7/1.3	2.7/1.3	

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 a portion of the project is within Priority Habitat 4 and Estimated Habitat 3) 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 project site is approximately 77.464 acres and is located on East Main Street in Merrimac, Massachusetts. The site is currently vacant land with an existing road crossing an intermittent stream to provide access to the upland area of the site. The resource areas on the project site include and intermittent stream and Bordering Vegetated Wetland located to the south and east of the proposed development, two Isolated Wetlands on the northern portion of the site, and a perennial stream located on the eastern portion of the site.

Toll Brothers, Inc. is proposing to construct a new 216 unit townhouse development with associated site improvements. The proposed development will also include a clubhouse and pool, 432 garage parking spaces, 96 surface road parking spaces, 36 clubhouse parking spaces and 14 handicapped parking spaces, landscaping, utility services, drainage improvements, and a paved wetland crossing for the main entrance into the complex and the sewer main. The project will alter approximately 45.4 acres, of which 11,464 square feet is filled wetlands for the primary access, and 22,927 square feet shall be altered for the replication of the filled wetland.

The project includes work within the 100-foot buffer zone to a bordering vegetated wetland, the filling of isolated non-jurisdictional wetlands, and the filling of wetland under a Limited Project. A Notice of Intent will be filed with the Town of Merrimac Conservation Commission and the Department of Environmental Protection (DEP) in January 2006, and a copy of the Notice of Intent will also be submitted to the Natural Heritage and Endangered Species Program. A DEP file number has not yet been issued. Proposed activities within the buffer zone include excavation, grading, installation of utility structures, access drives, a portion of the proposed clubhouse and associated paved parking lot, planting and wetland replication. Additional construction activities include the installation of erosion and sedimentation control measures to ensure that wetland resource areas will not be altered during construction activities.

Structural and non-structural mitigation measures are proposed to avoid short-term constructional and long-term operational impacts to the wetland resource areas. The structural measures proposed include a sedimentation and erosion control plan, and stormwater management system. Structural and vegetative methods will be used to minimize erosion and control any sedimentation that may occur. All activities within the plan will adhere to Soil Conservation Service guidelines, as well as the specifications detailed by DEP in the publications: *Protecting Water Quality in Urban Areas* (Minnesota Pollution Control Agency, 1989. Published by: Office of the Massachusetts Secretary of State, Michael Joseph Connolly, Secretary). The stormwater management system shall include catch basins with hood outlets and deep sumps, and detention ponds with sediment fore bays. Non-structural measures include construction sequencing and an Operation and Maintenance Plan to provide efficient operation of the proposed stormwater management system.

The water supply and sewage discharge line shall connect to the municipal utility services that are available at the site. The estimated flow of 66,330 gpd was used during design of the project. A sewer connection permit will be required under 314 CMR 7.00, category BRP WP 17 – Approval of Major Sewer Connection.

A traffic assessment study was completed by DJK Associates for municipal review of the proposed development. Access to the development will be via a divided driveway to be located on the north side of East Main Street. The proposed development will result 1,780 vehicle trips per day, with 136 trips occurring during the morning peak hour and 170 trips occurring during the evening peak hour. According to DJK Associates, these traffic increases can be readily accommodated by the surrounding roadways with no noticeable impacts