

**Commonwealth of Massachusetts**  
**Executive Office of Environmental Affairs ■ MEPA Office**

**ENF Environmental Notification Form**

*For Office Use Only*  
*Executive Office of Environmental Affairs*

EOEA No.: **14480**  
 MEPA Analyst: **Purvi Patel**  
 Phone: 617-626- **1029**

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: Wetland Crossing off Purchase Street		
Street: Purchase Street		
Municipality: Middleboro	Watershed: Taunton River	
Universal Transverse Mercator Coordinates:	Latitude: 41-55-00 Longitude: 70-57-16	
Estimated commencement date: 6-2010	Estimated completion date: 8-2010	
Approximate cost: \$100,000	Status of project design: 100	%complete
Proponent: James F. Webb		
Street: 655 Doss Thweat Road		
Municipality: Smithville	State: TN	Zip Code: 37166
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Seth Dufort / Jason Youngquist		
Firm/Agency: Outback Engineering, Inc.	Street: 165 East Grove Street	
Municipality: Middleboro	State: MA	Zip Code: 02346
Phone: 508.946.9231	Fax: 508.947.8873	E-mail: sdufort@outback-eng.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

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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):

Are you requesting coordinated review with any other federal, state, regional, or local agency?  
 Yes (Specify Mass DEP for BRP WW 10 (401 Water Quality, Transmittal # X229555)  No

List Local or Federal Permits and Approvals:  
Site Plan approval - Order of Conditions-Middleboro Conservation Commission (DEP File # 220-1050); Middleboro Board of Selectman WRPD Special Permit

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
<b>LAND</b>				<input 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	52.25			
New acres of land altered		6,480 s.f. filled		
Acres of impervious area				
Square feet of new bordering vegetated wetlands alteration		9,725		
Square feet of new other wetland alteration				
Acres of new non-water dependent use of tidelands or waterways				
<b>STRUCTURES</b>				
Gross square footage				
Number of housing units				
Maximum height (in feet)				
<b>TRANSPORTATION</b>				
Vehicle trips per day				
Parking spaces				
<b>WATER/WASTEWATER</b>				
Gallons/day (GPD) of water use				
GPD water withdrawal				
GPD wastewater generation/ treatment				
Length of water/sewer mains (in miles)				

**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\_\_NHESP Tracking # 07-23357\_\_\_\_\_ )  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 \_\_\_ NHESP Tracking # 07-23357 \_\_\_\_\_ )  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.*)

#### Overview

The project involves the construction of a common driveway in order to access four (4) upland buildable lots. In order for the proponent to access the buildable upland, he is proposing to fill approximately 6,480s.f. of Bordering Vegetated Wetland (BVW). A 9725s.f. replication area has been proposed to replicate the altered wetland area as shown on the submitted plan. The proposed wetland replication area will exhibit the indigenous species found within the existing bordering vegetated wetland as well as nursery stock to enhance the existing biodiversity.

The impacted wetland area would be classified as a wet woods with the dominant vegetation being, Red Maple (*Acer rubrum*), Tupelo (*Nyssa sylvatica*), Highbush Blueberry (*Vaccinium corymbosum*), Royal Fern (*Osmunda regalis*), Cinnamon Fern (*Osmunda cinnamomea*) and Sweet Pepperbush (*Clethra alnifolia*).

The area where the replication will be situated consists primarily of an upland community with the dominant vegetation being, Northern Red Oak (*Quercus rubra*), White Pine (*Pinus strobus*), Hayscented Fern (*Dennstaedtia punctilobula*), Bracken Fern (*Pteridium aquilinum*), Teaberry (*Gaultheria procumbens*), Lowbush Blueberry (*Vaccinium angustifolium*) and Prince's Pine (*Lycopodium obscurum*).

This report presents alternatives researched with regard to the planning of the common driveway crossing.

#### Access

1. On July 9, 2007, Outback Engineering, Inc., filed an Abbreviated Notice of Resource Area Delineation (ANORAD) with the Middleborough Conservation Commission. After an extensive review of the wetland resource area(s) on this site with the Commission's consultant, Nover-Armstrong Associates, the Commission issued an Order of Resource Area Delineation, September 20, 2007, approving the submitted wetland delineation. It was determined that, excluding the upland area within wetland flags A1 – A50, and a portion of upland that falls

south of wetland flag #s 28 through 42, the entire property is comprised of Bordering Vegetated Wetlands (BVW).

2. The property located directly to the south of the locus property does contain upland; however, this property is privately owned and is currently an actively producing cranberry bog.

#### **Crossing Placement/Design**

1. The crossing has been designed to impact the least amount of Bordering Vegetated Wetland (BVW) feasibly possible. A crossing from any other point on the property would impact several hundred additional square feet of BVW.
2. Where the Town of Middleborough does not have a local by-law prohibiting common driveways and each lot has legal frontage on Purchase Street, we are able to minimize the amount of fill by proposing a common driveway for the four (4) proposed lots. If a subdivision roadway was required, the amount of fill would be approximately 18,000s.f. The proposed common driveway fill is calculated to be 6,480s.f. a difference of 11,520s.f.
3. The common driveway across the BVW will have seven (7) 12" SDR-35 pipes installed in approximately 50' increments along the length of the driveway in order to maintain the hydraulic connection within the Bordering Vegetated Wetland. Where the site is relatively flat, grading changes will be minimal.
4. A possible alternative would be spanning the BVW. This office contacted York Bridge Concepts, located in Tampa, Florida, who stated that a 15' x 360' timber bridge would conservatively be priced at approximately \$500,000. This expense would effectively enable the project economically unfeasible.