

# ENF Environmental Notification Form

*For Office Use Only*  
 Executive Office of Environmental Affairs  
 EOEA No.: 13707  
 MEPA Analyst: Anne Canady  
 Phone: 617-626-1035

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: Murphy Cranberry Bog	
Street: off Plymouth Street	
Municipality: Middleborough	
Universal Tranverse Mercator Coordinates:	Watershed: Taunton River Basin
Estimated commencement date: 1996	Latitude: 041° 55' 11.31" N
Approximate cost: n/a	Longitude: 070° 49' 22.33" W
Proponent: R.M. Lawton Cranberries, Inc.	Estimated completion date: 1996
Street: P.O. Box 10	Status of project design: 100 %complete
Municipality: Middleborough	State: MA Zip Code: 02346
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Henry Nover	
Firm/Agency: Nover-Armstrong Associates, Inc.	Street: 124 Main Street, Unit 2GG
Municipality: Carver	State: MA Zip Code: 02330
Phone: 508.866.8383	Fax: 508.866.9898 E-mail: hnover@nover-armstrong.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): 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: MADEP Water Withdrawal 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 type="checkbox"/> Wetlands, Waterways, & Tidelands      |
| <input checked="" type="checkbox"/> Water | <input type="checkbox"/> Wastewater   | <input checked="" 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 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 checked="" 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 (including Legislative Approvals) – Specify:       
Total site acreage	18.0			
New acres of land altered		n/a		
Acres of impervious area	n/a	n/a	n/a	
Square feet of new bordering vegetated wetlands alteration		n/a		
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>				
Gross square footage	n/a	n/a	n/a	
Number of housing units	n/a	n/a	n/a	
Maximum height (in feet)	n/a	n/a	n/a	
<b>TRANSPORTATION</b>				
Vehicle trips per day	n/a	n/a	n/a	
Parking spaces	n/a	n/a	n/a	
<b>WASTEWATER</b>				
Gallons/day (GPD) of water use		n/a		
GPD water withdrawal	160,000	n/a	160,000	
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 \_\_\_\_\_)  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 18.0 acre "Murphy" cranberry bog was constructed in 1996. Water withdrawn from a 2.75 acre man-made ground-water pond supplies the "closed loop" irrigation system. This system has operated continuously since the bog was constructed. An application for Water Withdrawal Permit has been submitted in accordance with the requirements of an Administrative Consent Order and Notice of Noncompliance (ACOP) issued by the MADEP on August 4, 2005. The Murphy Bog is operated as a "new style" bog, using current technologies and practices for irrigation, nutrient and pest management. Recent replacement of the irrigation pump and scheduled upgrade and automation of the irrigation system will result in a reduction of water usage.

The existing water conveyance system, surface drainage and containment berms are maintained to minimize water losses. Therefore, a leak detection alternative would not be applicable. Additionally, the bogs are operated as "new style" bogs which, by design, result in lower water usage. The adjacent land uses make an alternative withdrawal point unfeasible and no action would essentially prohibit the operation of the Murphy Bog.