

For Office Use Only
Executive Office of Environmental Affairs
 EOE No.: 14221
 MEPA Analyst: Bill GAGE
 Phone: 617-626-1025

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: Crop Circle Cranberry		
Street: 0 Ring Road		
Municipality: Plympton	Watershed: South Coastal	
Universal Tranverse Mercator Coordinates:	Latitude: 41.58.37.78 N Longitude: 70.47.12.12 W	
Estimated commencement date: Current	Estimated completion date: 2010	
Approximate cost: \$100,000	Status of project design:	50 %complete
Proponent: Crop Circle Cranberry		
Street: 131 Ring Road		
Municipality: Kingston	State: MA	Zip Code: 02364
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Michael E. Russell, PE.		
Firm/Agency: Site Design Engineering LLC.	Street: 11 Cushman Street	
Municipality: Middleboro	State: MA	Zip Code: 02346
Phone: 508-967-0673	Fax: 508-967-0674	E-mail: mrrussell@sitedesigneng.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 X No
 a Special Review Procedure? (see 301CMR 11.09) Yes X No
 a Waiver of mandatory EIR? (see 301 CMR 11.11) Yes X No
 a Phase I Waiver? (see 301 CMR 11.11) Yes X 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):

Are you requesting coordinated review with any other federal, state, regional, or local agency?
 Yes (Specify _____) No

List Local or Federal Permits and Approvals: Order of Conditions(pending)

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 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 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 <i>(including Legislative Approvals) – Specify:</i>
Total site acreage	85+/-			
New acres of land altered		7.5+/-		
Acres of impervious area	0	0	0	
Square feet of new bordering vegetated wetlands alteration		500+/-		
Square feet of new other wetland alteration		0		
Acres of new non-water dependent use of tidelands or waterways		0		
STRUCTURES				
Gross square footage	900+/-	0	900+/-	
Number of housing units	1	0	1	
Maximum height (in feet)	15	0	15	
TRANSPORTATION				
Vehicle trips per day	10	0	10	
Parking spaces	6	0	6	
WATER/WASTEWATER				
Gallons/day (GPD) of water use	110,000	70,000	180,000	
GPD water withdrawal	110,000	70,000	180,000	
GPD wastewater generation/ treatment	330	0	330	
Length of water/sewer mains (in miles)	None	None	None	

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 Eastern Box Turtle) 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 consists of obtaining a Water Management Act withdrawal permit for an existing 12.7+/- acre cranberry bog with the application to include a potential future expansion of 7.3+/- acres. The existing withdrawal volume is 0.11 mgd with the potential future expansion increasing the total to 0.18 mgd. The site is required to file an Environmental Notification Form (ENF), 301 CMR 11.03(4)(b) 1, as part of the permitting process to file for a water withdrawal permit.

All withdrawals originate from an existing on site surface water reservoir. The bogs are irrigated with a sprinkler system. Irrigation water is recovered to the reservoir for reuse through dikes, culverts, and flumes and pump station located throughout the bog complex. The potential future bog expansion would be located in an upland area and would require approval from the Plympton Conservation Commission for presumed work in the buffer zone prior to commencing any construction activities. The new bog would utilize the same on-site reservoir and type of irrigation/water reuse system and would not require construction of any new withdrawal points.