

ENF

**Environmental
 Notification Form**

<i>For Office Use Only</i>	
<i>Executive Office of Environmental Affairs</i>	
EOEA No.:	<i>14067</i>
MEPA Analyst:	<i>Holly Johnson</i>
Phone: 617-626-	<i>1023</i>

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: Kline Residence		
Street: 25 Stephens Way		
Municipality: Truro	Watershed: Cape Cod	
Universal Transverse Mercator Coordinates:	Latitude: 41° 58' 40" N Longitude: 71° 04' 28" W	
Estimated commencement date: 09/01/07	Estimated completion date: 11/30/08	
Approximate cost: \$ 2,000,000	Status of project design: 100 %complete	
Proponent: Stephens Way Nominee Trust, D. Landreth, Trustee		
Street: 8 Cardinal Lane		
Municipality: Orleans	State: MA	Zip Code: 02653
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Brian O. Butler		
Firm/Agency: Oxbow Associates, Inc.	Street: 629 Massachusetts Ave, Suite 201	
Municipality: Boxborough	State: MA	Zip Code: 01719
Phone: 978-929-9058	Fax: 978-635-1892	E-mail: butler@oxbowassociates.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): 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: Building Permit, Planning Board Approval, B.o. Health

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

- | | | |
|---------------------------------|--|--|
| <input type="checkbox"/> Land | <input checked="" type="checkbox"/> Rare Species | <input 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 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 type="checkbox"/> Water Management Act Permit <input type="checkbox"/> New Source Approval <input type="checkbox"/> DEP or MWRA Sewer Connection/ Extension Permit <input checked="" type="checkbox"/> Other Permits (including Legislative Approvals) – Specify: Conservation & Management Permit, DFW.
Total site acreage	9.36 ±			
New acres of land altered		0.73 ±		
Acres of impervious area	< 0.05 ±	0.16 ±	0.21 ±	
Square feet of new bordering vegetated wetlands alteration		0		
Square feet of new other wetland alteration		0		
Acres of new non-water dependent use of tidelands or waterways		0		
STRUCTURES				
Gross square footage	2,000 sf ±	6,500 sf ±	8,500 sf ±	
Number of housing units	1	1	2	
Maximum height (in feet)	15 ±	20 ±	20 ±	
TRANSPORTATION				
Vehicle trips per day	2	2	4	
Parking spaces	4	6	10	
WATER/WASTEWATER				
Gallons/day (GPD) of water use	330	440	770	
GPD water withdrawal	330	440	770	
GPD wastewater generation/ treatment	330	440	770	
Length of water/sewer mains (in miles)	N/A	N/A	N/A	

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 Priority Habitat 1232 and Estimated Habitat 821) 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 property encompasses approximately 9.36± acres with an existing single family home, sheds, pathways, patio and fence lines and is located near the western terminus of Stephens Way. Site elevations range from 0 feet along the western edge of the site to 58± feet near the geographic center of the property. Topography along the western half of the site is moderately rolling, while the eastern portion of the property has more pronounced topographic features. The extreme southeastern, disjunct, portion of the property, south of Stephens Way, includes a small portion of a larger kettlehole wetland located predominantly off site.

The site is located within Natural Heritage and Endangered Species Program (NHESP) Priority Habitat polygon 1232 and Estimated Habitat polygon 821 (October 2006 edition). According to correspondence from NHESP (April 9, 2007) the rare species attributable to this Priority Habitat Polygon are eastern spadefoot toad, eastern box turtle, and northern harrier. Oxbow Associates, Inc. (OA) reviewed the site for habitat features associated with these three species on April 30, May 4, and May 22, 2007. OA documented and mapped an additional rare species, broom crowberry, at the site.

Approximately 2.05± acres west of the existing house and adjacent to Cape Cod Bay and will be protected by a Conservation Restriction. The proposed home will occupy a 4.74 +/- lot. The proposed single family home, decks, detached garage and appurtenances will be constructed northwest of the existing house which will remain. Landscaping is limited to the immediate vicinity of the proposed home. All construction access will occur via the existing driveway. The proposed work will impact approximately 0.73± acres of the site. There is no proposed impact to coastal or inland wetland resource areas or buffer zones. The proponent has reduced the extent of disturbance and altered the placement of the home in response to the identification of the rare species.

The no-build alternative would have no environmental impacts. However the 9.36 +/- acre property can accommodate at least three, locally conforming residential lots. The no-build alternative is not the desired option of the applicant. The placement of the proposed single family home was moved to the east from the original, preferred alternative in consultation with the Natural Heritage Program and to reduce impacts to broom crowberry as an on site alternative. Traditional off site alternatives include acquisition of an adjacent property with similar attributes.

However, no equivalent adjacent properties are currently available; the Hogback Conservation Restriction lies to the north, land of Truro Land Trust lies to the east, and the remaining neighboring properties are privately held. Virtually all of Truro is within mapped habitat for rare species, so alternative siting would not avoid rare species conflict.