

ENF Environmental Notification Form

For Office Use Only
Executive Office of Environmental Affairs
 EOE No.: **12914**
 MEPA Analyst: **Nick ZAVOLAS**
 Phone: 617-626-**1030**

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: Cape Cod Pipeline Reinforcement Project		
Street: Multiple streets		
Municipality: Bourne, Sandwich, Falmouth	Watershed: Cape Cod	
Universal Transverse Mercator Coordinates:	Latitude: 41.660875 N	
0370700 m Easting	Longitude: -70.552583 W	
North: 4613300 m Northing		
Zone: 19		
Estimated commencement date: 2003	Estimated completion date: 2005	
Approximate cost: \$3,200,000	Status of project design: 10 % complete	
Proponent: Colonial Gas Company d/b/a KeySpan Energy Delivery New England (KeySpan)		
Street: One Beacon Street		
Municipality: Boston	State: MA	Zip Code: 02108
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Laura Rome		
Firm/Agency: Epsilon Associates	Street: 150 Main Street; P.O. Box 700	
Municipality: Maynard	State: MA	Zip Code: 01754
Phone: 978-897-7100	Fax: 978-897-0099	E-mail lrome@epsilonassociates.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):
The project will not receive any financial assistance from an agency of the Commonwealth. The project will require easements from the Division of Capital Asset Management for two portions of the pipeline crossing the Massachusetts Military Reservation.

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

List Local or Federal Permits and Approvals:

Potential need for a Determination of Applicability for buffer zone impacts

NPDES general permit for construction impacts of one or more acres

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

11.03(7)(b)(3) Construction of a New fuel pipeline five or more miles in length

- | | | |
|--|---------------------------------------|--|
| <input type="checkbox"/> Land | <input type="checkbox"/> Rare Species | <input type="checkbox"/> Wetlands, Waterways, & Tidelands |
| <input type="checkbox"/> Water | <input type="checkbox"/> Wastewater | <input type="checkbox"/> Transportation |
| <input checked="" 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 type="checkbox"/> Other Permits (including Legislative Approvals) – Specify: Energy Facilities Siting Board review
Total site acreage	11			
New acres of land altered		11		
Acres of impervious area	0	0	0	
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	0	0	0	
Number of housing units	0	0	0	
Maximum height (in feet)	0	0	0	
TRANSPORTATION				
Vehicle trips per day	0	0	0	
Parking spaces	0	0		
WATER/WASTEWATER				
Gallons/day (GPD) of water use	0	0	0	
GPD water withdrawal	0	0	0	
GPD wastewater generation/ treatment	0	0	0	
Length of water/sewer mains (in miles)	0	0	0	

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 (*The proposed pipeline route passes through areas of mapped Priority and Estimated Habitats*) 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 is a reinforcement of a portion of the existing natural gas pipeline running from Bourne to Barnstable. More specifically, KeySpan plans to replace approximately 32,000 feet of late 1940s vintage bare steel 8-inch pipe with 12-inch coated steel pipe; operating pressure will remain unchanged at 200 psig. The purpose of the project is to increase KeySpan's ability to supply natural gas to Cape Cod, so that it can meet growing demand.

The project is subject to MEPA jurisdiction because it requires Energy Facilities Siting Board review. It exceeds the threshold Construction of a New fuel pipeline five or more miles in length (11.03(7)(b)(3)). It also requires an easement from the Division of Capital Asset Management for two sections of the pipeline crossing the Massachusetts Military Reservation (MMR). This easement is necessary because the preferred pipeline route deviates from the existing pipeline route to avoid impacting two sensitive areas on the Massachusetts Military Reservation (the Veteran's National Cemetery and a rare bird nesting area).

The proponent has evaluated several supply side and demand side alternatives. These alternatives are described in the narrative attached to this ENF. The alternatives analysis examines potential environmental impacts of each of the alternatives. It also evaluates the feasibility of each alternative and projected ability of each alternative to meet the project's goal of maintaining and ensuring a reliable supply of energy to Cape Cod. Having selected reinforcement of the existing pipeline as its preferred alternative, the proponent conducted a route selection study and selected the preferred route. The line runs from Route 28 at its intersection with Barlow's Landing Road to the existing Route 151 regulator station.