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.: 13773
MEPA Analyst: Bill Gage
Phone: 617-626-1025

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: Raynham, MA Spill Response		
Street: Route 24 and King Street		
Municipality: Raynham	Watershed: Taunton	
Universal Tranverse Mercator Coordinates: 331534.76325/4643293.76535	Latitude: 41.923636 Longitude: -71.0316976	
Estimated commencement date: 9/26/2005	Estimated completion date: 12/1/2005	
Approximate cost: $865,000	Status of project design: 100 %complete	
Proponent: ExxonMobil Refining and Supply- Global Remediation		
Street: 1001 Wampanoag Trail		
Municipality: Riverside	State: RI	Zip Code: 02915
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Lyndsey Colburn		
Firm/Agency: Roux Associates, Inc.	Street: 67 South Bedford Street, Suite 101W	
Municipality: Burlington	State: MA	Zip Code: 01803
Phone: 781-270-6600	Fax: 781-270-9066	E-mail: lcolburn@rouxinc.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):

Are you requesting coordinated review with any other federal, state, regional, or local agency? ☒Yes(Specify: MADEP/Raynham Con Comm) ☐No

List Local or Federal Permits and Approvals: Wetland Protection Act Order of Conditions

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

☐ Land	☐ Rare Species	☒ Wetlands, Waterways, & Tidelands
☐ Water	☐ Wastewater	☐ Transportation
☐ Energy	☐ Air	☐ Solid & Hazardous Waste
☐ ACEC	☐ Regulations	☐ Historical & Archaeological Resources

Summary of Project Size & Environmental Impacts	Existing	Change	Total	State Permits & Approvals
LAND				☒ Order of Conditions
Total site acreage	0.24			☐ Superseding Order of Conditions
New acres of land altered		0.24		☐ Chapter 91 License
Acres of impervious area	–	–	–	☐ 401 Water Quality Certification
Square feet of new bordering vegetated wetlands alteration		0.13		☐ MHD or MDC Access Permit
Square feet of new other wetland alteration		–		☐ Water Management Act Permit
Acres of new non-water dependent use of tidelands or waterways		–		☐ New Source Approval
STRUCTURES				☐ DEP or MWRA Sewer Connection/ Extension Permit
Gross square footage	–	–	–	☐ Other Permits (*including Legislative Approvals*) – Specify:
Number of housing units	–	–	–	
Maximum height (in feet)	–	–	–	
TRANSPORTATION				
Vehicle trips per day	–	–	–	
Parking spaces	–	–	–	
WATER/WASTEWATER				
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_____) ☒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.*)

In response to a release of an estimated 2, 000 gallons of gasoline from a tanker truck, Immediate Response Action (IRA) activities were preformed at the Site including soil excavation and separate-phase/ ground water recovery. Soil excavation activities were initiated on September 26, 2005 under the direction of the MADEP. Excavation activities continued through November 2, 2005 under the direction of ExxonMobil and Roux Associates. In general, the excavation extended to approximately 2 feet bgs in the flat area and to depths up to approximately 13 feet bgs in the area adjacent to the breakdown lane. The approximate extent of soil excavation is shown on Figure 2. In total, approximately 1,498 tons of soil were excavated and removed from the Site. Backfilling of the excavation was completed on November 4, 2005. In addition, approximately 733 gallons of gasoline and 25,894 gallons of gasoline impacted ground water were recovered during the IRA.

Following excavation, the Site was backfilled and graded to an overall slope similar to the adjacent land surface and pre-excavation conditions. Following grading, the Site area was seeded with a New England Wetland Seed Mix (seed mix) prepared by New England Wetland Plants of Amherst, Massachusetts. After seeding, the steep slope adjacent to the roadway and the far eastern portion of the excavation area were both covered with erosion control straw blankets to secure soils and allow for seed germination. The straw blankets were secured in place with stakes according to the manufacturers specifications to prevent shifting due to storm water runoff. In the low-lying area along the base of the embankment, wood mulch was used for erosion control after the seed mix was applied due to the presence of standing water at some locations in this area.

Following the installation of erosion control blankets, the wetland and buffer zone areas within the limits of the excavation work were planted with dormant native vegetation. The species planted at the Site were selected based on the wetland vegetation survey performed at the Site during initial excavation activities. As part of the restoration of the BVW and buffer zone at the Site, a total of 85 trees and 90 shrubs were planted in the area of the excavation on November 16, 17 and 18, 2005. The planting plan was designed to mimic the structure of the wetlands surrounding the remediation area in which individual species grow in distinctive zones and allow for natural diversity of the native wetland plant community. This vegetation zonation was based upon a species response to environmental conditions such as elevation changes, water inundation and light exposure. The restored wetland areas will gradually blend into the undisturbed wetlands located adjacent to the altered areas, creating a canopy of red maple (*Acer rubrum*), slippery elm (*Ulmus rubra*), swamp white oak (*Quercus bicolor*), and eastern white pine (*Pinus strobus*), with understory woody (sweet pepperbush, spice bush and northern arrowood) and herbaceous (rushes and various ferns) species adapted to a shaded environment. A planting schematic is provided as Figure 3.