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.: 12984
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: **Former Raytheon Facility**		
Street: **430 Boston Post Road**		
Municipality: **Wayland**	Watershed: **Concord River**	
Universal Tranverse Mercator Coordinates: **46,92,800 N 3,04,800 E**	Latitude: **42° 22'** Longitude: **71° 22'**	
Estimated commencement date: **July 2003**	Estimated completion date: **November 2003**	
Approximate cost: **$5.2 MM**	Status of project design: **85% Complete** %complete	
Proponent: **Raytheon Company**		
Street: **528 Boston Post Road, Mail Stop 1880**		
Municipality: **Sudbury**	State: **MA**	Zip Code: **01776**
Name of Contact Person From Whom Copies of this ENF May Be Obtained: **John Drobinski, LSP, PG**		
Firm/Agency: **Environmental Resource Mgmt**	Street: **399 Boylston St. 6th Floor**	
Municipality: **Boston**	State: **MA**	Zip Code: **02116**
Phone: **617-267-8377**	Fax: **617-267-6447**	E-mail:

Does this project meet or exceed a mandatory EIR threshold (see 301 CMR 11.03)?
X Yes ☐ No

Has this project been filed with MEPA before?
☐ Yes (EOEA No._____) **X** No

Has any project on this site been filed with MEPA before?
☐ Yes (EOEA No._____) **X** No

Is this an Expanded ENF (see 301 CMR 11.05(7)) requesting:
a Single EIR? (see 301 CMR 11.06(8)) **X** 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): **Not Applicable**

Are you requesting coordinated review with any other federal, state, regional, or local agency?
X Yes (Specify: Town of Wayland, DEP, USCOE, USEPA) ☐ No

List Local or Federal Permits and Approvals:
Applications will be submitted for a Wetlands Protection Act NO, 401 Water Quality Certification, USCOE Individual Permit, USEPA TASCA approval, Mass Contingency Plan approval.

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

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

Summary of Project Size & Environmental Impacts	Existing	Change	Total
LAND			
Total site acreage	83 acres plus Hamlen Parcel		
New acres of land altered		1.5 acres	
Acres of impervious area	None	None	None
Square feet of new bordering vegetated wetlands alteration		74,740 sq ft	
Square feet of new other wetland alteration		None	
Acres of new non-water dependent use of tidelands or waterways		None	
STRUCTURES			
Gross square footage	None	None	None
Number of housing units	None	None	None
Maximum height (in feet)	None	None	None
TRANSPORTATION			
Vehicle trips per day	None	None	None
Parking spaces	None	None	None
WASTEWATER			
Gallons/day (GPD) of water use	None	None	None
GPD water withdrawal	None	None	None
GPD wastewater generation/ treatment	None	None	None
Length of water/sewer mains (in miles)	None	None	None

State Permits & Approvals

- X Order of Conditions
- ☐ Superseding Order of Conditions
- Chapter 91 License
- X 401 Water Quality Certification
- ☐ MHD or MDC Access Permit
- ☐ Water Management Act Permit
- ☐ New Source Approval
- ☐ DEP or MWRA Sewer Connection/ Extension Permit
- X Other Permits (*including Legislative Approvals*) – Specify:

Mass Contingency Plan
TSCA: EPA and IP: ACOE

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_____) X No

Will it involve the release of any conservation restriction, preservation restriction, agricultural preservation

restriction, or watershed preservation restriction?

☐Yes (Specify_____) X No

RARE SPECIES: Does the project site include Estimated Habitat of Rare Species, Vernal Pools, Priority Sites of Rare Species, or Exemplary Natural Communities?

X Yes (Specify: Project Area is designated as estimated habitat WH 169) ☐ 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_____) X No

If yes, does the project involve any demolition or destruction of any listed or inventoried historic or archaeological resources?

☐Yes (Specify_____) X No

AREAS OF CRITICAL ENVIRONMENTAL CONCERN: Is the project in or adjacent to an Area of Critical Environmental Concern?

☐Yes (Specify_____) X 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.*) **Please review the Permit Application Report.**

Project Background

A remedial action plan has been prepared for an 83-acre property formerly occupied by the Raytheon Company, owned by the Wayland Business Center and an adjacent parcel privately owned. Contamination levels of oil and/or hazardous materials have been documented in soil and groundwater on these properties, "the property". The proposed work will remedy an environmental hazard and restore the degraded ecological functions and will have public benefits to human health and the environment. The property is located at 430 Boston Post Road in Wayland, Massachusetts and is adjacent to various conservation lands. Soil and groundwater within the wetland and portions of the site are contaminated with levels of oil and/or hazardous materials. The contaminated area is a wetland system that is part of the Sudbury River floodplain. Target cleanup goals for the wetland soil and sediments and groundwater are based on eliminating a condition of "significant risk" to human health and environment. Wetland soil and sediment removal is estimated to encompass 3,700 cubic yards over approximately 1.5-acres to achieve a permanent solution. Groundwater will require abatement to Massachusetts Maximum Contaminant Levels for drinking water to achieve a permanent solution.

The project has not received any prior Chapter 91 licenses and it does not appear that any have been required. There has not been any historic dredging, filling, or impoundments within the wetlands on the site. Average Annual High Water is estimated to be 110 feet NGVD. The area of excavation lies water ward of the wetland limits and landward of the high water mark elevation.

Wetland Soil and Sediment Remediation

Excavating the remedial area and disposing of the contaminated soil off-site will complete the remediation of the wetland soil/sediments. Excavation will include 3,700 cubic yards over approximately 1.5-acres, down to a depth of approximately 1.5-feet below natural ground. The applicant will implement the appropriate engineering and management components to complete the remediation in the most environmentally safe manner. All necessary regulatory permits will be obtained prior to initiating the work. The excavated soil will be segregated into stockpiles specific to the waste characteristics and

disposal facility receiving requirements. The waste soil will be dewatered and the resulting water treated on or off-site. The waste soil will be transported and disposed of to the appropriate licensed facility. A restoration plan for the excavated wetland area will be implemented and is discussed below.

The applicant will implement best management practices to avoid and minimize adverse impacts to the wetland and adjacent Sudbury River. Many of the specifics are in the design process and will likely be contingent upon agency and public input. The applicant will begin the Massachusetts Environmental Policy Act process and will welcome constructive input.

Wetland Restoration

The floodplain wetlands that are excavated and any incidental wetland impacts will be restored to a viable ecological community. The excavated area will be re-soiled using clean fill that is of a comparable soil structure and composition. The area will be graded to pre-construction contours. The vegetation will include seeding and planting with wetland species of similar composition as the adjacent deep emergent marsh. An ecological characterization was completed to document the vegetative composition and serve as a pre-construction baseline. This information will be used for preparing the replanting plan. Monitoring will include documenting the vegetative composition and water levels with the remediation area on at least a seasonal basis. Monitoring will also focus on any additional re-vegetation activities that may be needed. The presence of invasive species will be monitored and maintenance activities initiated to control these species within the remediation area. Summary reports of the monitoring will be compiled on an annual basis.

For Additional Information please refer to the report prepared by Woodlot Alternatives, Inc and Environmental Resources Management, Inc.