

Environmental
Resources
Management

399 Boylston Street, 6th Floor
Boston, MA 02116
(617) 267-8377
(617) 267-6447 (fax)

<http://www.erm.com>

14 May 2003
Reference: 1922.01.01

DEP Permit Administrator
Bureau of Waste Site Cleanup
Massachusetts Department of Environmental Protection
205 A Lowell Street
Wilmington, Massachusetts 01887



RE: Request for Tier IB Permit Extension - Transmittal No. W038777
Former Raytheon Facility
Wayland, Massachusetts
Permit No. 133939

Dear Sir or Madam:

On behalf of Raytheon Company (Raytheon), Environmental Resources Management (ERM) is submitting this request for extension of the Tier IB Permit (No. 133939) for the former Raytheon facility located at 430 Boston Post Road in Wayland, Massachusetts. Please find enclosed the following documents:

- A copy of the Department of Environmental Protection (DEP) Permit Transmittal Form (Transmittal Ref. No. W038777) (Appendix A)
- BWSC-20 Tier I Permit Extension Application- original and one copy (Appendix B)
- A copy of the Permit Application Fee submittal sent to MA DEP, P.O. Box 4062, Boston, MA 02211-4062 (Appendix A)
- Additional supporting documentation (copies of public notice letters, affidavit of legal notice and copy of notice) (Appendix C).

Pursuant to 310 CMR 40.0706, the following information is included to support this request:

Statement as to why the Permit Extension is sought.

This Permit Extension is sought to continue the implementation of a Phase IV Remedy Implementation Plan submitted to the DEP on 30 December 2002. Extension of the permit will enable Phase IV activities to proceed without interruption.

There is an open Immediate Response Action (IRA) to conduct assessment activities in the wetland and an open Release Abatement Measure (RAM) to conduct a groundwater chemical oxidation pilot study. A schedule to complete additional work at the facility is presented below.

<i>Date</i>	<i>Event</i>
Spring 2003	Complete Wetlands Permitting
Winter/Spring/Summer/ Fall 2003	Conduct Quarterly Groundwater Monitoring
Summer - Fall 2003	Initiation of Wetland Restoration Activities
2004	Initiate Groundwater Remediation
2004	As-Built Construction Report
2004	Final Inspection Report
2003- 2008	Annual Monitoring of Wetland Habitat Recovery

The remedial activities in the wetland portion of the site requires several regulatory permits from various agencies including the United States Environmental Protection Agency (EPA), United States Army Corps of Engineers (ACOE), DEP and Wayland Conservation Commission. The decisions associated with of these permits could affect the above schedule.

LSP Opinion Regarding Proposed or Continuing Response Actions

Phase IV remedial activities are currently being initiated at the site to move the site towards closure. Phase IV activities include:

- Implementation of groundwater remedial actions utilizing chemical oxidation technologies
- Excavation and restoration of impacted wetland

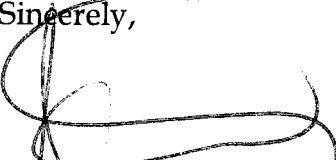
IRA and RAM response actions will continue in accordance with the previous written approval by the DEP. IRA and RAM status and completion reports will be submitted documenting these activities.

This has been a Public Involvement Plan (PIP) Site since June 2000. All reports and scopes of work are reviewed and commented by PIP participants. Project updates are provided periodically at public meetings. The two public repositories for Site documents are also maintained.

Based on the historic nature of this release and the need to complete activities proposed in Phase IV Remedy Implementation Plan, ERM requests that DEP authorize the extension of the Tier IB Permit

If you have any questions regarding this submittal, or require additional information, please contact me at (617) 267-8377.

Sincerely,


John C. Drobinski, P.G., LSP
Principal-in-Charge


Rachel B. Leary
Project Manager

Seal



enclosures: BWSC 20 - Tier 1 Extension Application (original)
Appendix A - DEP Transmittal Form
Appendix B - BWSC 20 - Tier 1 Extension Application
Appendix C - Supporting Documentation

cc: Edwin P. Madera, Raytheon
Benson Gould, CMG Environmental
Public Repositories

Appendix A
DEP Transmittal Form



Hand-enter Your Transmittal Number

W 038777

Your unique Transmittal Number can be accessed through DEP's web site - mass.gov/dep or by calling the DEP InfoLine at 617-338-2255 or 800-462-0444 (from 508, 781, and 978 area codes).

Massachusetts Department of Environmental Protection Transmittal Form for Permit Application and Payment

Instructions

1. Please type or print. A separate Transmittal Form must be completed for each permit application.

2. Your check should be made payable to the Commonwealth of Massachusetts. Please mail your check along with a copy of this form to: DEP, P.O. Box 4062, Boston, MA 02211.

3. Three (3) copies of this form will be needed.

Copy 1 (the original) must accompany your permit application.

Copy 2 must accompany your fee payment.

Copy 3 should be retained for your records

4. Both fee-paying and exempt applicants must mail a copy of this transmittal form to DEP, P.O. Box 4062, Boston, MA 02211

For DEP Use Only

Permit No. _____
Rec'd Date _____
Reviewer _____

A. Application Information

DEP Permit Code (the 7 or 8 character code from first page of permit application instructions): BWSC 20
Name of Permit Category: Tier 1 Permit Extension Application
Type of Project or Activity:

B. Applicant Information (Firm or Individual)

Name of Firm: Raytheon Company

Or, if party needing this approval is clearly an individual:

Individual's Last Name:	First Name	MI
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Street Address 528 Boston Post

City/Town Sudbury	State MA	Zip Code 01776	Telephone Number (978) 440-1318 ext.
----------------------	-------------	-------------------	---

Contact: Edwin Madera	e-mail address (optional)
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C. Facility, Site or Individual Requiring Approval

Name of Facility, Site or Individual Former Raytheon Facility	DEP Facility Number (if Known)
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Street Address 430 Boston Post Road	e-mail address: (optional)
--	-------------------------------

City/Town Wayland	State MA	Zip Code 01752	Telephone Number () ext.
----------------------	-------------	-------------------	------------------------------

D. Application Prepared by (if different from Section B)

Name of Individual or Firm: Environmental Resources Management

Address 399 Boylston Street, 6 th Floor

City/Town Boston	State MA	Zip Code 02116	Telephone Number (617) 267-8377 ext.
---------------------	-------------	-------------------	---

Contact: John C. Drobinski, P.G., LSP	LSP Number (21E only) 2196
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E. Permit - Project Coordination

Is this project subject to MEPA review? yes no

If yes, indicate the project's EOE file number (assigned when an Environmental Notification Form is submitted to the MEPA unit)
EOEA # 12984 Is an Environmental Impact Report Required? yes no

Is this application part of a larger project for which two or more DEP permits are being or will be sought? yes no

List any other DEP permits that apply to this project:

Permit Category	Date of Submission (tentative or actual)	Transmittal Number (if application already submitted)
Wetland Protection Act	May 2003	
401 Water Quality Cert	February 2003	

F. Amount Due

Special Provisions:

- Fee Exempt* (city, town or municipal housing authority)(state agency if fee is \$100 or less)
- Hardship Request [payment extensions according to 310 CMR 4.04(3)(c)]
- Alternative Schedule Project (according to 310 CMR 4.05 and 4.10)

*There are no fee exemptions for 21E, regardless of applicant status

Check #: 019272	Dollar Amount: \$1,200	Date: 5/14/2003
Please make check payable to the Commonwealth of Massachusetts and mail check and one copy of this form to: DEP, P.O. Box 4062, Boston, MA 02211		

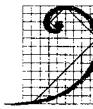
ERM Account Number:

000692

019272 PLEASE DETACH AND RETAIN FOR YOUR RECORDS ▼

INVOICE NUMBER	DATE	VOUCHER NO.	AMOUNT
	5/14/2003	2725	1,200.00
TOTAL:			1,200.00

THIS DOCUMENT IS PROTECTED BY A MICROPRINT SIGNATURE LINE, FLUORESCENT PAPER FIBERS, A WATERMARKED BACKER, AND IS REACTIVE TO CHEMICAL ALTERATION



ERM
399 BOYLSTON STREET 6TH FLOOR
BOSTON, MA 02116
PH (617) 267-8377

CITIZENS BANK
MASSACHUSETTS
5-7017-2110

NO. 019272

5/14/2003

NO. 019272

PAY *****1,200 DOLLARS AND *****00 CENTS \$ *****1,200.00

TO THE
ORDER
OF

Commonwealth of Massachusetts
Department of Environmental Protection
PO Box 4062
Boston, MA 02211 US

AUTHORIZED SIGNATURE

WARNING: THIS DOCUMENT IS VOID IF ACCOUNT NUMBER DOES NOT APPEAR ON THE REVERSE SIDE IN RED
⑈019272⑈ ⑈21070175⑈ ⑈305016⑈

Appendix B
BWSC 20 – Tier 1 Extension Application



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

W 038777
Transmittal Number

BWSC 20

Tier 1 Permit Extension Application

Facility ID# (if known)

Pursuant to 310 CMP 40.0560(7), Tier II sites that have not achieved a Response Action Outcome within five (5) years of the effective date of the Tier II Classification must submit a Tier II Classification Extension (and each year thereafter). This requirement also applies to sites with a waiver of approvals, upon expiration of the waiver.

A. Disposal Site Information

Important:
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



Check here if there is more than one applicant.

1. Current permit category (check one):

- Initial Tier IA (Permit Category BWSC01)
- Initial Tier IB (Permit Category BWSC02)
- Initial Tier IC (Permit Category BWSC03)
- Transition Tier IA (Permit Category BWSC04)
- Transition Tier IB (Permit Category BWSC05)
- Not applicable since an RAO has been filed (see Section A7)

133939
DEP Permit Transmittal Number

2. Disposal Site:

Former Raytheon Facility

Name

430 Boston Post Road

Street

Wayland

City/Town

MA

State

01778

Zip Code

3. List each release tracking number (RTN) and date of release notification for each release or threat of release that is the subject of this permit extension application. For those sites identified on the List of Disposal Sites and Locations To Be investigated, the 1993 Transition List, and any addendum thereto pursuant to 310 CM R 40.0600, provide the Disposal Site Number in place of the RTN (attach additional pages if needed):

RTN/Site ID(s)	Notification Date(s)
3-13302	2 January 1996
3-13574	14 March 1996
3-14042	25 July 1996
3-19482	9 May 2000



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC 20

Tier 1 Permit Extension Application

W 038777
Transmittal Number

Facility ID# (if known)

A. Disposal Site Information (cont.)

4. If the applicant is adding new parcels to the permit, list the map(s) and parcel number(s) of each new lot that you are seeking to add to this permit. Attach a copy of each tax assessor's map(s) showing these parcels. For those applicants seeking to modify their transition permit category (issued by the Department as permit category BWSC 04 or BWSC 05); provide all of the information shown below:

Municipal Tax Assessor's Map(s)

Parcel Number(s)

_____	_____
_____	_____
_____	_____
_____	_____

5. Reason for Permit Extension (check one box):

Current permit is expiring. Do not complete Section A7.

Note: Application for permit extension is required 90 days prior to permit expiration pursuant to 310 CMR 40.0724(l).

Phase IV RIP

30 December 2002

Last Phase Completed

Date Completed

To conduct response actions at a Tier I site with an RAO.

Note: Applicant must complete Section A7.

6. Attach a statement describing why the extension is sought. Include a schedule for completing all work at the site, and a summary of all response actions performed at the site to date, including all phase work:

Statement attached.

7. Complete this section if requesting a permit extension for sites where an RAO Statement has been previously filed.

Note: Do not complete this section if you are requesting a permit extension for a permit that is about to expire and where an RAO has not been achieved.

- a. Check the RAO Class filed for the disposal site:

A3

A4

B2

B3

C



BWSC 20

Tier 1 Permit Extension Application

A. Disposal Site Information (cont.)

b. Reason for Permit Extension (check one):

- Initiation of response actions to implement a Permanent Solution at a disposal site where a Class C RAO has been filed pursuant to 310 CMR 40.0581 (1)(a).
- Initiation of response action(s) to maintain a Temporary Solution other than those that are conducted for normal maintenance of a Class C RAO pursuant to a post Class C RAO Operation pursuant to 310 CMR 40.0581(l)(d).

Note: You are also required to submit an LSP Periodic Review Opinion pursuant to 310 CMR 40.0580.

- Maintain a Class A, B or Class C Response Action Outcome at a disposal site where an Activity and Use Limitation (AUL) is in place pursuant to 310 CMR 40.1080 and 310 CMR 40.0581 (1)(b).
- Conduct further response actions where an AUL is in place in order to terminate such limitation to allow site uses or activities which are prohibited in the RAO Statement pursuant to 310 CMR 40.0581(l)(c).
- Conduct further response actions where an Activity and Use Limitation is in place in order to maintain a level of No Significant Risk for contemplated changes in land use/activities or other site conditions pursuant to 310 CMR 40.1080(2) and 310 CMR 40.1081.

c. Is the applicant the person who submitted the applicable RAO?

- Yes No

Note: if no, you must also obtain a joint application for a Permit Transfer pursuant to 310 CMR 40.0581 (d).

d. Check one of the following statements:

- An LSP Opinion is included with this application for Permit Extension verifying that response actions will be conducted in accordance with the Phase III and Phase IV reports and Completion Statements which are the basis for the existing RAO.
- The LSP Evaluation has concluded that response actions to be conducted are significantly different from those that are the basis for the existing RAO; therefore, an application for a Major Permit Modification pursuant to 310 CMR 40.0707 is included herein.



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC 20

Tier 1 Permit Extension Application

W 038777
Transmittal Number

Facility ID# (if known)

B. Primary Representative Information

Complete only if there is a change in the Primary Representative, or if you have not previously furnished this information to DEP. You do not need to complete this section, if there is only one applicant. The Primary Representative should complete this section, if there are multiple applicants.

Note: The Primary Representative for multiple applicants will receive the annual compliance assurance fee statement for the disposal site.

1. Primary Representative:

Is the Primary Representative also an applicant? Yes No

Name of Organization

Name

Title

Street

City/Town

State

Zip Code

Telephone

Contact Name (if different)

Contact Telephone

2. Primary Representative Certification:

"I certify under the penalties of law that I am fully authorized to act on behalf of all persons submitting this permit application for the following purposes: (i) to receive oral and written correspondence from DEP with respect to this application; (ii) to receive oral and written correspondence from DEP with respect to the performance of response actions upon issuance of a Tier I permit; and (iii) to receive any statement of fee required by 310 CMR 4.03(3) upon issuance of a Tier I permit. I am aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate or incomplete information."

Name (print)

Title

Signature

Date



Massachusetts Department of Environmental Protection
 Bureau of Waste Site Cleanup

W 038777
 Transmittal Number

BWSC 20

Tier 1 Permit Extension Application

Facility ID# (if known)

C. Applicant Information

All applicants must complete this section. Where there is more than one applicant, make copies of this page, have each applicant provide this information, and then attach all copies to this application for a Permit Extension.

1. Applicant:

Raytheon Company		
Name of Organization		
Winona Wall	Environmental Health and Safety Director	
Name	Title	
528 Boston Post Road		
Street		
Sudbury	MA	01776
City/Town	State	Zip Code
978-440-1813		
Telephone		
Edwin P. Madera	978.440.1813	
Contact Name (if different)	Contact Telephone	

2. Type of Applicant (check one):

- | | |
|---|---|
| <input type="checkbox"/> Individual | <input type="checkbox"/> Sole proprietorship |
| <input type="checkbox"/> Partnership | <input checked="" type="checkbox"/> Corporation |
| <input type="checkbox"/> Realty Trust | <input type="checkbox"/> State authority |
| <input type="checkbox"/> Municipality | <input type="checkbox"/> State agency |
| <input type="checkbox"/> Federal agency | <input type="checkbox"/> Other |

If other, please specify:

3. Relationship of applicant to disposal site (check all that apply):

- Current owner (as defined in Section 5(a)(1) of M.G.L. c 21E)
- Current operator (as defined in Section 5(a)(1) of M.G.L. c 21E)
- Past owner (as defined in Section 5(a)(2) of M.G.L. c 21E)
- Past operator (as defined in Section 5(a)(2) of M.G.L. c 21E)
- Generator (as defined in Section 5(a)(2) of M.G.L. c 21E)
- Transporter (as defined in Section 5(a)(4) of M.G.L. c 21E)
- Other legally responsible party (as defined in Section 5(a)(5) of M.G.L. c 21E)
- Other person (as defined in 310 CMR 40.0006(10))



BWSC 20

Tier 1 Permit Extension Application

D. Parcel Information

Complete this section only if the current owner(s) or operator(s) information is different from that provided in the initial permit application. For applicants having received a BWSC04 or BWSC05 Transition Permit and Acceptance Statement you must complete this section if the current owner(s) or operator(s) as defined in Section 2 of M.G.L. c. 21E is not an applicant. Provide information about the owner(s) or operator(s) for each parcel(s) that is (are) the subject of this application. Attach additional copies of this page as necessary.

1. Parcel:

Town of Wayland Map Nos. 22 & 23 Lot #52
Map Number Parcel Number

2. Current owner (if different from the applicant):

Congress Group Ventures
Name of Organization
Paula Philips Vice President of Operations
Name Title
408 Boston Post Road
Street
Wayland MA 01778
City/Town State Zip Code
617-494-1111
Telephone
Contact Name (if different) Contact Telephone

3. Current Operator (if different from the owner):

Name of Organization
Name Title
Street
City/Town State Zip Code
Telephone



BWSC 20

Tier 1 Permit Extension Application

Facility ID# (if known)

E. Applicant's Compliance History

Each applicant must complete this section. For disposal sites with more than one applicant make copies of this section, have each applicant complete this information, and then attach all copies to this Permit Extension Application. For applicants with a BWSC 01, BWSC 02 or BWSC 03 Permit, provide only information that has changed since the effective date of the initial permit. For applicants having received a BWSC04 or BWSC05 Transition Permit and Acceptance Statement, complete all of the information in this section.

1. List each Tier I permit held by the applicant for other disposal sites:

Disposal Site Name	BWSC Permit No.	RTN/Site ID(s)
Raytheon - Bedford, MA	83061	3-0588
Former Raytheon - Lowell, MA	P23671	3-0035

2. List each Tier II disposal site where the applicant is conducting response actions:

Note: Sites with Waivers are considered categorically to be Tier II Disposal Sites

Disposal Site Name	RTN/Site ID(s)
Former Raytheon - Waltham, MA	3-0449
Former Raytheon - Quincy, MA	3-0872, 3-19403



BWSC 20

Tier 1 Permit Extension Application

Facility ID# (if known)

E. Applicant's Compliance History (cont.)

3. List all other permits or licenses issued by the DEP and held by the applicant that are material to this disposal site:

	Permit No.	Permit Category	Facility ID
Air Quality	_____	_____	_____
Hazardous Waste (M.G.L. c 21C)	_____	_____	_____
Solid Waste	_____	_____	_____
Industrial Wastewater Management	_____	_____	_____
Water Supply	_____	_____	_____
Water Pollution Control	_____	_____	_____
Surface Water	_____	_____	_____
Groundwater	_____	_____	_____

4. List all other federal, state, or local permits, licenses, certifications, registrations, variances, or other approvals held by applicant that are material to this disposal site:

Issuing Authority	Identification Number	Date Issued
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____



BWSC 20

Tier 1 Permit Extension Application

Facility ID# (if known)

E. Applicant's Compliance History (cont.)

- Attach a statement detailing the applicant's history of compliance with the DEP's requirements, since the effective date of the applicant's permit, including, but not limited to, M.G.L. c. 21 E, 310 CMR 40.0000, and other laws for the protection of health, safety, public welfare and the environment administered or enforced by federal, state and local government agencies, that are material to the disposal site. Such statement should identify information such as: action(s) material to the disposal site taken by the DEP to enforce its requirements including, but not limited to Notice of Noncompliance (NON), Notice of Intent to Assess Civil Administrative Penalty (PAN), administrative enforcement order, Notice of Responsibility (NOR), Notice of Intent to Take Response Action (NORA); Administrative Consent Order; Judicial Consent Judgment; similar administrative actions taken by other states, federal, or local agencies; and/or civil or criminal actions material to the disposal site brought on behalf of the DEP or other federal, state, or local agencies and any additional information relevant to the applicant's history of compliance.

For each action identified, give the name of the issuing authority and identification number, if available, and a description of the noncompliance cited, the current status of the matter, and final disposition, if any, using the sample format below.

Note: Make additional copies of this page as needed.

Action: _____

Date: _____ Identification Number: _____

Issuing Authority: _____

Description of Non-compliance: _____

Current Status: _____

Final Disposition: _____



BWSC 20

Tier 1 Permit Extension Application

Facility ID# (if known)

F. Applicant Certifications

Each applicant must complete this section. For disposal sites with more than one applicant, make copies of these pages, have each applicant complete this information, and then attach copies to this Permit Extension application.

1. Certification of Submittal:

I, Winona M Wall attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

Winona M Wall

By (signature)

Environmental Health and Safety Director

For Raytheon Company

14 May 2003
Date

Enter address of the person providing certification, if different from address recorded in Section C:

Street

City/Town

State

Zip Code

Telephone



BWSC 20

Tier 1 Permit Extension Application

Facility ID# (if known)

F. Applicant Certifications (cont.)

2. Certification of Ability and Willingness:

I attest under the pains and penalties of perjury that (i) I/the person(s) or entity(ies) on whose behalf this submittal is made has/have personally examined and am/is familiar with the requirements of M.G.L. c. 21E and 310 CMR 40.0000; (ii) based upon my inquiry of the/those Licensed Site Professional(s) employed or engaged to render Professional Services for the disposal site which is the subject of this Transmittal Form and of the person(s) or entity(ies) on whose behalf this submittal is made, and my/that person's(s') or entity's(ies)' understanding as to the estimated costs of necessary response actions, that/those person(s) or entity(ies) has/have the technical, financial and legal ability to proceed with response actions for such site in accordance with M.G.L. c. 21E, 310 CMR 40.0000 and other applicable requirements; and (iii) that I am fully authorized to make this attestation on behalf of the person(s) or entity(ies) legally responsible for this submittal. I/the person(s) or entity(ies) on whose behalf this submittal is made is aware of the requirements in 310 CMR 40.0172 for notifying the Department in the event that I/the person(s) or entity(ies) on whose behalf this submittal is made learn(s) that it/they is/are unable to proceed with the necessary response actions.

By (signature)

Environmental Health and Safety
Title Director

Raytheon Company

For

14 May 2003

Date



BWSC 20

Tier 1 Permit Extension Application

Facility ID# (if known)

G. Required Technical Submittals with Application for Permit Extension

1. Indicate which of the following response actions (conducted pursuant to 31 0 CMR 40.000, the 1988 MCP, or 310 CMR 40.0000, the 1993 MCP) are in progress or have been completed at the time of this permit extension application.

Response Actions	Completed	Date Completed	In Progress
Preliminary Response Actions:			
Short Term Measure	<input type="checkbox"/>	_____	<input type="checkbox"/>
Interim Measure	<input type="checkbox"/>	_____	<input type="checkbox"/>
Limited Removal Action (LRA)	<input checked="" type="checkbox"/>	June 1996	<input type="checkbox"/>
Immediate Response Action (IRA)	<input type="checkbox"/>	26 June 2000	<input checked="" type="checkbox"/>
Release Abatement Measure (RAM)	<input type="checkbox"/>	11 September 2001	<input checked="" type="checkbox"/>
Utility Related Abatement Measure (URAM)	<input type="checkbox"/>	_____	<input type="checkbox"/>
Phase 1 Initial Site Investigation	<input checked="" type="checkbox"/>	25 July 1996	<input type="checkbox"/>
Other (specify):			
IRA and RAM	<input checked="" type="checkbox"/>	4 March & 4 October 1996	<input type="checkbox"/>
Comprehensive Response Actions:			
Phase 2 Comprehensive Site Assessment	<input checked="" type="checkbox"/>	28 November 2001	<input type="checkbox"/>
Phase 3 Identification, Evaluation and Selection of Comprehensive Remedial Action Alternatives	<input checked="" type="checkbox"/>	28 November 2001	<input type="checkbox"/>
Phase 4 Implementation of the Selected Remedial Action Alternative (Remedy Implementation plan only)	<input checked="" type="checkbox"/>	30 December 2002	<input type="checkbox"/>

2. Indicate which of the following Status Reports, Phase Reports, or Completion Statements have been prepared for response actions that are in progress or completed at the disposal site at the time of this Permit Extension Application.

Note: Persons who received a Transition Permit and Acceptance Statement should check either the first or second column, if applicable, but not the third column since an initial Permit Application was not required.



BWSC 20

Tier 1 Permit Extension Application

Facility ID# (if known)

G. Required Technical Submittals with Application for Permit Extension (cont.)

Document	Submitted with this application	Submitted since initial application, but prior to this application	Submitted prior to, or with initial application
Short Term Measure Documentation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interim Measure Documentation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bill of Lading	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IRA Plan	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
IRA Status Report	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
IRA Completion Statement	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
RAM Plan	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
RAM Status Report	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
RAM Completion Statement	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
URAM Status Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
URAM Completion Statement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Phase 1 Report and Completion Statement	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Phase 2 Scope of Work	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Phase 2 Comprehensive Site Report and Completion Statement	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Phase 3 Remedial Action Plan and Completion Statement	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Downgradient Property Status Submittal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Response Action Outcome Statement	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Other (specify):			
IRA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
RAM	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>



BWSC 20

Tier 1 Permit Extension Application

G. Required Technical Submittals with Application for Permit Extension (cont.)

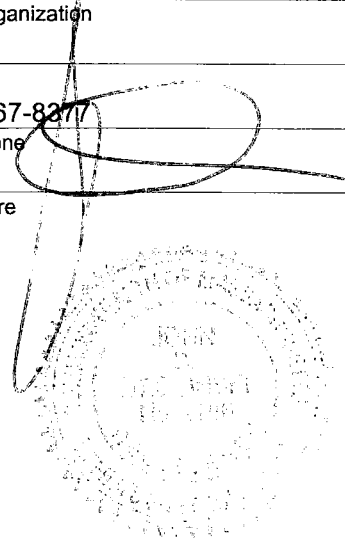
3. Attach an LSP Opinion regarding proposed or continuing response actions describing all response actions that, in the opinion of the LSP, should continue or have DEP approval during the DEP's review of this Permit Extension application. Use the following format:
 - Description of the response action
 - Current status of the response action
 - Rationale for continuance of the response action

H. Licensed Site Professional Opinion

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this submittal, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and (iii) the provisions of 309 CMR 4.03(5), to the best of my knowledge, information and belief, this Permit Application was developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000. I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

John Drobinski
 LSP Name
 Principal Geologist
 Title
 2196
 LSP Organization
 Date
 617-267-8277
 Telephone
 Signature

Seal:



Appendix C
Supporting Documentation

Environmental
Resources
Management

399 Boylston Street, 6th Floor
Boston, MA 02116
(617) 267-8377
(617) 267-6447 (fax)

<http://www.erm.com>

14 May 2003
Reference: 1922.01.01

Jeff Ritter
Executive Secretary
Town of Wayland
14 Cochituate Road
Wayland, MA 01778



RE: Notification of Legal Notice Regarding Tier 1 Extension
Former Raytheon Electronic Systems Facility
430 Boston Post Road
Wayland, Massachusetts

Dear Mr. Ritter:

On behalf of Raytheon Company, Environmental Resources Management (ERM), will be submitting a Tier 1B Permit Extension Application for the above referenced site to the Massachusetts Department of Environmental Protection (DEP). In accordance with 310 CMR 40.0703(8)(a)(2), the Chief Municipal Officer and the Board of Health must be notified of the application for extension. Copies of these documents may be obtained at the DEP Northeast Regional Office, 205 A Lowell Street, Wilmington, Massachusetts 01887.

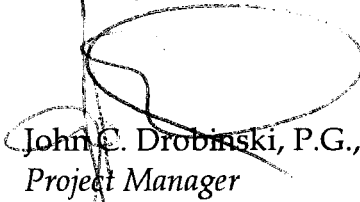
A copy of the NOTICE OF APPLICATION FOR AN EXTENSION OF A WASTE SITE CLEANUP PERMIT as required by 310 CMR 40.0703(8)(a)(1) is included with this letter. This legal notice will be published in the Wayland Town Crier on 22 May 2003.

Mr. Ritter
1922.01.01
14 May 2003
Page 2

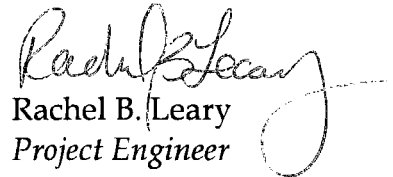
Environmental
Resources
Management

Please direct any questions or correspondence to Edwin P. Madera,
Raytheon Company at (978) 440-1813 or the undersigned at (617) 267-
8377.

Sincerely,



John C. Drobinski, P.G., LSP
Project Manager



Rachel B. Leary
Project Engineer

Enclosures: NOTICE OF APPLICATION FOR AN EXTENSION OF A
WASTE SITE CLEANUP PERMIT

cc: Edwin P. Madera

Environmental
Resources
Management

399 Boylston Street, 6th Floor
Boston, MA 02116
(617) 267-8377
(617) 267-6447 (fax)

<http://www.erm.com>

14 May 2003
Reference: 1922.01.01

Steven Calichman
Director of Public Health
Town of Wayland
14 Cochituate Road
Wayland, MA 01778



RE: Notification of Legal Notice Regarding Tier 1 Extension
Former Raytheon Electronic Systems Facility
430 Boston Post Road
Wayland, Massachusetts

Dear Mr. Calichman:

On behalf of Raytheon Company, Environmental Resources Management (ERM), will be submitting a Tier 1B Permit Extension Application for the above referenced site to the Massachusetts Department of Environmental Protection (DEP). In accordance with 310 CMR 40.0703(8)(a)(2), the Chief Municipal Officer and the Board of Health must be notified of the application for extension. Copies of these documents may be obtained at the DEP Northeast Regional Office, 205 A Lowell Street, Wilmington, Massachusetts 01887.

A copy of the NOTICE OF APPLICATION FOR AN EXTENSION OF A WASTE SITE CLEANUP PERMIT as required by 310 CMR 40.0703(8)(a)(1) is included with this letter. This legal notice will be published in the Wayland Town Crier on 22 May 2003.

Mr. Steven Calichman
1922.01.01
14 May 2003
Page 2

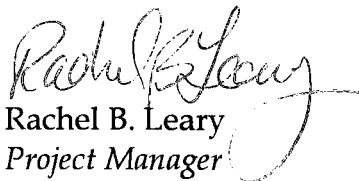
Environmental
Resources
Management

Please direct any questions or correspondence to Edwin P. Madera.,
Raytheon Company at (978) 440-1813 or the undersigned at (617) 267-
8377.

Sincerely,



John C. Drobinski, P.G., LSP
Principal-in Charge



Rachel B. Leary
Project Manager

Enclosures: NOTICE OF APPLICATION FOR AN EXTENSION OF A
WASTE SITE CLEANUP PERMIT

cc: Edwin P. Madera

AFFIDAVIT

Commonwealth of Massachusetts

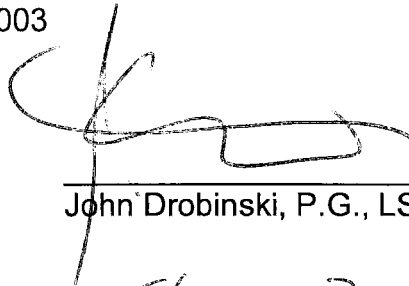
County: Suffolk

City: Boston

BE IT KNOWN that John Drobinski is of legal age and is hereby deposed and being duly sworn, under oath says the following:

In accordance with 310 CMR 40.0703(8)(a)(1), the legal notice will be published by Environmental Resources Management in the following publication:

- Wayland Town Crier – 22 May 2003



John Drobinski, P.G., LSP

5/14/03

Date

Sworn to before me on 22 May 2003, by John Drobinski, who acknowledged that the foregoing statements are true.



William H. O'Connell
Notary Public

WILLIAM H. O'CONNELL
Notary Public
My Commission Expires Jan. 22, 2004

My Commission Expires:

NOTICE OF APPLICATION FOR AN EXTENSION OF
A WASTE SITE CLEANUP PERMIT

FORMER RAYTHEON FACILITY
WAYLAND, MASSACHUSETTS
TIER PERMIT NUMBER: 13393

Pursuant to the Massachusetts Contingency Plan (310 CMR 40.0703), an application for a Permit Extension is being submitted to the Department of Environmental Protection (DEP) for this site on 22 May 2003. DEP issued a Tier I permit for this site in November 1997. The application proposes to extend the permit for this site to 31 December 2008 for the following rationale:

- to enable completion of Phase IV Remedy Implementation activities to achieve a solution for the site

Once a site has been classified as Tier I, a permit is required to proceed with a Comprehensive Remedial Response Process. Anyone interested in reviewing the Permit Extension application should notify DEP by writing to DEP, Bureau of Waste Site Cleanup, Permit Section, Northeast Regional Office, 201 A Lowell Street, Wilmington, MA. If anyone notifies DEP of his or her interest in reviewing or submitting comment on the application, DEP will conduct a public comment review period of twenty (20) days which shall run concurrently with DEP's Initial Technical Review of the application. Anyone who fails to notify DEP in writing of his/her interest in commenting on the application by the above date may be deemed to have waived his/her rights, if any, to appeal DEP's permit decision or to intervene in an adjudicatory proceeding with respect to this application, pursuant to 310 CMR 40.0770(2).

M.G.L. c. 21E and the Massachusetts Contingency Plan provide additional opportunities for public notice of, and involvement in, decisions regarding response actions at disposal sites: 1) The Chief Municipal Official and Board of Health of the community in which the site is located will be notified of major milestones and events, pursuant to 310 CMR 40.1403; and 2) Upon receipt of a petition from ten or more residents of the municipality in which the disposal site is located, or of a municipality potentially affected by a disposal site, a plan for involving the public in decisions regarding response actions at the site will be prepared and implemented, pursuant to 310 CMR 40.1405.

To obtain more information on this disposal site and the opportunities for public involvement during its remediation, please contact Edwin P. Madera, Sr. Environmental Engineer, Raytheon Company, 528 Boston Post Road, Mail Stop 1880, Sudbury, MA, 01776, (978) 440-1813.