

Environmental Summary and Public Process

Former Raytheon Facility
Wayland, Massachusetts

June 27, 2005

**Presented by:
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Project Manager
Raytheon Company**

Agenda

- **Brief Site History**
 - Northern Area
 - Southern Area
 - Wetland
- **Public Involvement Process**
- **Question and Answer**



PCBs
PAHs
Metals



Chlorinated solvents in groundwater

Chlorinated solvents in groundwater

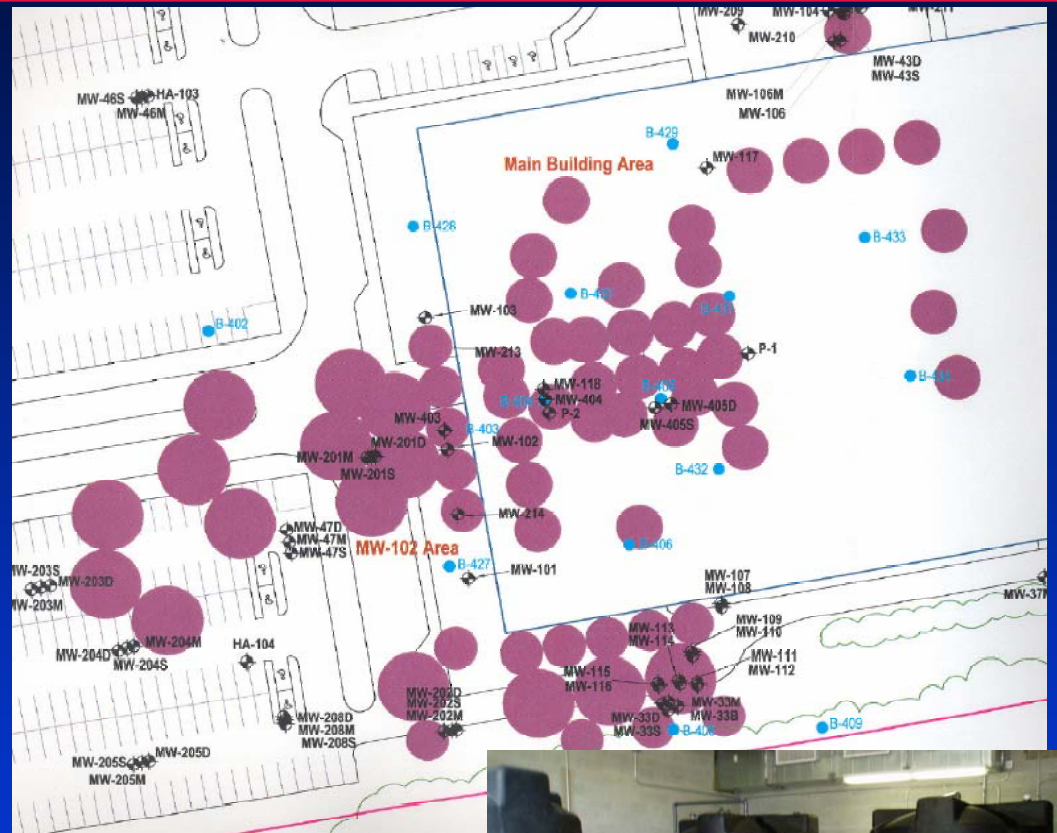
Wayland, MA - Northern Area Investigation

- Evaluate potential for VOCs in Northern Area – 2003 - 2004
 - Used an “innovative technology” to advance 15 Waterloo Vertical Profiler locations
 - Temporary groundwater points
 - 123 groundwater samples analyzed for VOCs
- Data collected by DEP and Waterloo Vertical Profiler suggest impact to Baldwin Pond Wellfield is unlikely
- Additional source characterization
- Three monitoring well clusters in wetland in 2005



Wayland, MA - Southern Area Remediation

- Permanganate Pilot Conducted 2001/2002
- Proceeded with full scale in July 2004
 - Injected 45,600 pounds of Permanganate (10% solution)
 - Inside & Outside of Bldg.
 - Moderate to High pressure injections
- Monitor groundwater concentrations and evaluate overtime



Wayland, MA - Wetland Area Remediation



June 2004

- **Planted approximately 71,000 plants as part of restoration**
- **Transitioned to 5 year monitoring phase**

- **Excavated 2 acres of wetland soil 2003 – 2004**
- **Transported approximately 8,000 cubic yards of impacted wetland soil off Site**



August 2004

Wayland Public Involvement Plan

- **Purpose of Public Involvement Plan (PIP) Process**
 - Provide a forum where the public can provide input on response actions at the Site
 - Citizens became formally involved in the planning of response actions by submitting a petition (10 Signatures needed)
- **Raytheon Wayland Site PIP “Plan”**
 - Original PIP – Plan developed in 2000
 - Revised PIP – Plan developed in 2004

Raytheon Wayland Public Involvement Plan (cont.)

- Public Comment Period on draft documents
 - 30-days following submission of document
- Response to Comments
 - A summary of the comments received and a response to those comments must be prepared within 30-days
- Public meetings
 - During major milestones
- Public Repository
 - Documents are made available at information repositories (the Town Public Library, Board of Health and Site Web page)
- Notification Letters
 - Notice of availability of documents and public meeting is sent to the PIP mailing list

Raytheon Wayland Public Involvement Plan (cont.)

- **Town Technical Assistance**

- Memorandum of Understanding - 2002
 - Raytheon provides funding for technical expert
- Technical expert
 - assists in educating public
 - independent review of documents
 - provide comment through PIP process
 - attend meetings with Raytheon
- Town technical expert
 - Ben Gould, LSP, with CMG Environmental Inc.
Southbridge, MA

On-Line Document Repository

- Web site containing electronic copies of documents stored in public repository
- Accessible 24-hours a day, 7 days a week
- Downloadable in PDF Format
- Summary of Site Activities
- Calendar of up-coming meetings
- Photos of Assessment Activities
- Contact Information
- Brochure on how to logon and navigate the web site

URL: www.ermne.com

Username: raytheon

Password: wayland



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- Project Overview
- [Site Background](#)
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- [Web Links](#)



- Events
- Jun 20th [Board of Selectman Mee...](#)

Welcome to the Wayland Extranet

- [New Documents](#)
- [New Images](#)

Welcome to the public access webpage for the former Raytheon Facility in Wayland, MA (the Site). The environmental assessment and remediation of this Site is governed under the [Massachusetts Contingency Plan \(MCP\)](#) by the [Department of Environmental Protection \(DEP\)](#). For a project overview and current status of activities, please visit the [Site Background](#) and [Site Status](#) pages of this website.

Under the MCP, a site may be designated as a Public Involvement Project (PIP) upon petition of residents. All official documents and correspondence pertaining to such a site are kept on record for public review. The former Raytheon Facility Site was designated a PIP site in 2000 and associated documents may be viewed at the [Public Repositories](#) (Wayland Public Library and Wayland Board of Health) or through the [Documents](#) section of this website.





















Raytheon - Wayland, MA

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General Files

Show level(s) of sub-folders

Name	Size	Modified
 Application for Risk-Based Disposal Approval		01/03/2003 03:13 PM
↳  Correspondence		01/09/2003 04:41 PM
 Archived News Articles		03/10/2003 02:38 PM
 Correspondance		01/03/2003 03:12 PM
↳  DEP Correspondance		01/24/2003 10:21 AM
 Immediate Response Action (IRA) Reports		10/31/2002 02:27 PM
 Notice of Intent		12/09/2002 02:39 PM
 Phase I Report		09/17/2002 12:57 PM
↳  Appendix A		09/17/2002 12:57 PM
↳  Appendix B		09/17/2002 12:57 PM
↳  Appendix C		08/16/2002 03:48 PM
↳  Appendix D		08/16/2002 03:48 PM
↳  Appendix E		08/16/2002 03:48 PM
 Phase II Report		10/28/2002 05:28 PM
↳  Correspondence		12/09/2002 02:39 PM
↳  Tables		08/16/2002 02:22 PM
↳  Figures		03/28/2003 03:03 PM
↳  Appendix A		08/16/2002 02:23 PM



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Calendar

<< June 2005 View Glance Today >>

Hover over a time for the event description, or click the date for more details.

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20 (1) 7:00 PM	21				
26	27	28				

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Calendar

<< June 2005 View Glance Today >>

Hover over a time for the event description, or click the date for more details.

June 20th, 2005 7:00 PM Export
» Monday (1 event)
Board of Selectman Meeting

Export to iCalendar:

Former Raytheon Property Deed Restriction

