

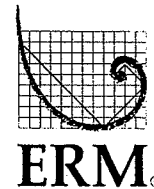
**Environmental  
Resources  
Management**

399 Boylston Street, 6<sup>th</sup> Floor  
Boston, MA 02116  
(617) 646-7800  
(617) 267-6447 (fax)

<http://www.erm.com>

11 May 2004  
Reference: 0001922.10

Mr. Jeff Ritter  
Executive Secretary  
Town of Wayland  
Board of Selectmen  
Town Building  
41 Cochituate Road  
Wayland, MA 01778



RE: Implementation of Phase IV Remediation Activities  
Former Raytheon, Facility  
430 Boston Post Road, Wayland, MA  
RTN 3-13302 and Tier IB Permit No. 133939

Dear Mr. Ritter:

Environmental Resources Management (ERM), on behalf of Raytheon Company (Raytheon), is providing notice as required under the Massachusetts Contingency Plan (310 CMR 40.1403 (3) (a)) that we are implementing the Phase IV Remedy Implementation Plan (RIP) at the referenced site beginning on 17 May 2004.

### *Summary of Activities*

ERM will conduct in-situ chemical oxidation (ISCO) to treat groundwater in the southern portion of the site where concentrations of trichloroethylene (TCE) are present. ISCO is a remedial process that involves subsurface application of sodium permanganate to transform TCE (and other chlorinated volatile organic compounds) into neutral by-products including carbon dioxide, water and salt. This process has already been conducted at the facility in pilot applications during 2002.

### *Health and Safety*

To complete the ISCO process, ERM will obtain a dilute solution of sodium permanganate and temporarily store it in above ground tanks within secondary containment. The permanganate solution will be applied into a series of wells inside and outside the building in the areas shown on Figure 1. Workers conducting the application will be attired in modified Level D safety equipment (standard work clothing and eye

protection, except in areas with a splash hazard, where worker protection will be upgraded to include chemical resistant clothing, gloves and additional eye protection (goggles and splash shield). It is anticipated that Level C or higher protection will not be required.

Remedial activities will be conducted in accordance with applicable Massachusetts Department of Environmental Protection (MADEP) regulations and guidelines, the project Health and Safety Plan, and the Spill Prevention Control and Countermeasures Plan (Appendices H and L of the Phase IV, respectively) using a nominal two person field crew.

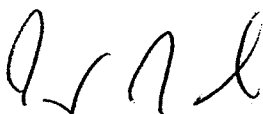
### *Schedule of Activities*

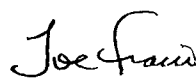
This program is anticipated to be completed during the months of May, June and July 2004.

For additional details, copies of the Phase IV RIP (30 December 2002) and Phase IV RIP Addendum (28 April 2004) are located at the public repositories (i.e., Wayland Public Library and Board of Health) and Raytheon's extranet site (<http://www.ermne.com/>).

Should you have any questions or require additional information please contact Mr. Edwin Madera of Raytheon at (978) 440-1813.

Sincerely,

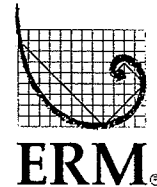
  
John Drobinski, P.G., LSP  
Principal-in-Charge

  
R. Joseph Fiocco, Jr., P.G.  
Senior Project Manager

cc: Edwin Madera, Raytheon Company  
MADEP, Northeast Regional Office

11 May 2004  
Reference: 0001922.10

Mr. Steve Calichman  
Director of Public Health  
Town of Wayland  
Board of Health  
Town Building  
41 Cochituate Road  
Wayland, MA 01778



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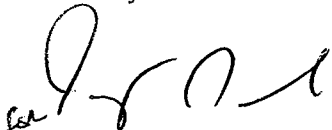
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