

Environmental
Resources
Management

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12 March 2009
Reference: 0095922

Mr. Brian Monahan
Conservation Commission
Wayland Town Building
41 Cochituate Road
Wayland, MA 01778



Re: Compliance Review for Order of Conditions
DEP File No. 322-647
Former Raytheon Facility
430 Boston Post Road, Wayland, Massachusetts

Dear Mr. Monahan and Commissioners:

On behalf of Raytheon Company (Raytheon), Environmental Resources Management (ERM) is submitting this compliance review for site remediation activities conducted within the wetland resource area, Bordering Vegetated Wetland, and the corresponding 100-foot Buffer Zone under Massachusetts Department of Environmental Protection (DEP) file number 322-647 at the Former Raytheon Facility located at 430 Boston Post Road in Wayland, Massachusetts (Site). This notice is being submitted as required by the 8 August 2006 Order of Conditions (OOC) issued by the Town of Wayland Conservation Commission (Commission).

The details of the remediation project were summarized in the Phase IV Completion Report for Release Tracking Number 3-22408 (ERM 2008). Major project components included excavation and off-Site disposal of chlorinated volatile organic compound (CVOC)-impacted soil, implementation of a bioremediation program to treat the downgradient CVOC plume in groundwater, and wetland restoration monitoring for the area disturbed by the excavation. The groundwater remediation component of the project is ongoing but does not impact areas within the jurisdictional wetland area.

Activities within the wetland resource area, Bordering Vegetated Wetland, and its 100-foot Buffer Zone and compliance with the OOC were documented in the bi-weekly inspection reports (ERM 2007a through 2007i) required by Special Conditions 31 and 32 of the Town of

Wayland Wetlands and Water Resources Permit Chapter 194 and Special Conditions 47 and 49 of Attachment A to the Wetlands Protection Act Form 5 Order of Conditions. Major project milestones included:

- Notice of Intent filed – 26 April 2006;
- Order of Conditions issued – 8 August 2006, (recorded 1 February 2007);
- Mobilized to Site – Week of 25 June 2007;
- Erosion control measures installed – 27 June 2007;
- Source area excavation commenced – 5 July 2007;
- Excavation completed – 31 August 2007;
- Infiltration gallery construction completed – 4 September 2007;
- Backfilling and establishment of final grades completed – 2 October 2007;
- Wetland restoration and site stabilization completed – 4 October 2007;
and
- First growing season monitoring events conducted – 1 August and 3 September 2008, (report submitted 29 January 2009).

Upcoming milestones include:


- Second growing season monitoring events to be conducted in May-June and August-September 2009 depending on seasonal conditions;
- An application for extension of Order of Conditions will be filed on or before 1 July 2009 (the current OOC will expire on 8 August 2009);
- The second Annual Wetland Restoration Monitoring Report will be submitted following 2009 growing season monitoring;

- Third (final) growing season monitoring events to be conducted in May-June and August-September 2010 depending on seasonal conditions;
- The final Annual Wetland Restoration Monitoring Report will be submitted following 2010 growing season monitoring; and
- A Request for Certificate of Compliance will be filed upon successful completion of the wetland restoration component of the project.


As required by the OOC, wetland restoration monitoring will continue through the end of the 2010 growing season. The first annual monitoring report was submitted on 29 January 2009 (ERM 2009). That report concluded that based on the 2008 growing season data, the restoration area is meeting the criteria for success established in the OOC.

If you have any questions or comments, please contact the undersigned at (617) 646-7800 or Louis Burkhardt, Raytheon Company, at (978) 436-8238.

Sincerely,



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



Jason D. Flattery, P.E.
Project Manager

encl: References

cc: Louis Burkhardt, Raytheon Company
 Ben Gould, CMG Environmental
 PIP Repositories

REFERENCES

- Environmental Resources Management (ERM). 2006. *Notice of Intent, For Remedial Actions in Bordering Vegetated Wetland and the 100-Foot Buffer Zone, Former Raytheon Facility, 430 Boston Post Road, Wayland, MA.* April 26.
- ERM. 2007a. *Inspection Report #1, 25 Through 29 June 2007, Former Raytheon Facility, 430 Boston Post Road, DEP File No. 322-647.* June 29.
- ERM. 2007b. *Inspection Report #2, 2 Through 13 July 2007, Former Raytheon Facility, 430 Boston Post Road, DEP File No. 322-647.* July 13.
- ERM. 2007c. *Inspection Report #3: 16 through 27 July 2007, Amendment to Refueling Plan, and Transmittal of Analytical Data, Former Raytheon Facility, 430 Boston Post Road, DEP File No. 322-647.* July 27.
- ERM. 2007d. *Inspection Report #4: 30 July through 10 August 2007 and Transmittal of Analytical Data, Former Raytheon Facility, 430 Boston Post Road, DEP File No. 322-647.* August 10.
- ERM. 2007e. *Inspection Report #5: 13 – 24 August 2007, Transmittal of Analytical Data, Former Raytheon Facility, 430 Boston Post Road, DEP File No. 322-647.* August 24.
- ERM. 2007f. *Inspection Report #6: 27 August through 7 September 2007, Clean Fill Certification, and Transmittal of Analytical Data, Former Raytheon Facility, 430 Boston Post Road, DEP File No. 322-647.* September 7.
- ERM. 2007g. *Inspection Report #7: 10 through 21 September 2007, Former Raytheon Facility, 430 Boston Post Road, DEP File No. 322-647.* September 21.
- ERM. 2007h. *Inspection Report #8: 24 September through 5 October 2007, and Analytical Data Transmittal, Former Raytheon Facility, 430 Boston Post Road, DEP File No. 322-647.* October 5.
- ERM. 2007i. *Inspection Report #9: 9 October through 12 October 2007, Former Raytheon Facility, 430 Boston Post Road, DEP File No. 322-647.* October 12.

ERM. 2008. *Phase IV – Completion Report, Former Raytheon Facility, 430 Boston Post Road, Wayland, Massachusetts.* December 23.

ERM. 2009. *2008 Wetland Restoration Monitoring Report, Former Raytheon Facility, 430 Boston Post Road, Wayland, Massachusetts, MADEP File No. 322-647.* January 29.

Massachusetts Department of Environmental Protection. 2006. *Notification of Wetlands Protection Act File Number.* 22 May.

Town of Wayland Conservation Commission. 2006. *DEP File 322-647: Soil Excavation – Former Raytheon Facility, Wayland.* August 8.