

Environmental
Resources
Management

399 Boylston Street, 6th Floor
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(617) 646-7800
(617) 267-6447 (fax)

<http://www.erm.com>

9 September 2005
Reference: 0033366

Brian Monahan
Conservation Administrator
Wayland Conservation Commission
Town Building
Wayland, MA 01778



Re: Former Raytheon Facility
430 Boston Post Road
DEP File No. 322-0564

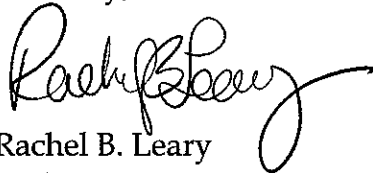
Dear Mr. Monahan:

On behalf of Raytheon Company (Raytheon), Environmental Resources Management (ERM) is providing the Town of Wayland Conservation Commission with surface water quality monitoring data to satisfy Condition 35 of Order of Conditions 322-0564. This Order of Conditions was issued to Raytheon for monitoring well installation within the wetland resource area at 430 Boston Post Road in Wayland.

Baseline surface water quality monitoring was conducted prior to commencement of drilling activities. The monitoring data was recorded in the Wetland Drilling Daily Report No. 1. A copy is attached.

Please contact the undersigned at (617) 267-8377 or Edwin Madera at (978) 440-1813, if you have questions.

Sincerely,



Rachel B. Leary
Project Manager

Enclosed Daily Drilling Report No. 1

cc: Edwin Madera, Raytheon
Benson Gould, CMG
Public Repositories

Raytheon - Wayland
Wetland Drilling Daily Report:
DEP File #: 322-0564

Prepared By: Eric J. Moore
 Signature

Date: 9/2/2005

Project Number: 0033366

Checked By: Rachel B. Leary
 Signature:

Date: 9/9/2005

Project Activity:

Surface water quality monitoring and mat installation.

Summary of Activities ending on Friday, 2 September 2005:

Onsite: 1330

Offsite: 1600

- Inspected temporary roadway mats. Approximately 65 mats on-site.
- Checked surface water quality locations SW-2 and SW-3. Both locations are dry. No parameters taken.
- Surveyed the surface water levels at Rt. 20 and Rt. 27 bridges.
- Collected water quality parameters at SW-5 location.
- Launched canoe to measure water quality parameters at SW-1 and SW-4.
- Pulled canoe and left the site.

Anticipated Operations for next 24 hours:

None

Surface Water Quality Sampling: Baseline surface water quality monitoring conducted prior to commencement of drilling activities.

Location	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mV)	Temp. (Celsius)	Conductivity (uS/cm)
SW-1	7.22	7.48	15.5	-	24.60	468
SW-2	No Flow - Dry					
SW-3	No Flow - Dry					
SW-4	7.26	8.72	1.9	-	25.38	478
SW-5	7.17	5.91	17.2	-	24.75	473

Inspection of Erosion Barriers:

NA

Equipment Type and Quantity / Companies Represented:

Canoe-ERM.

Comments: