

Environmental
Resources
Management

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

<http://www.erm.com>

14 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

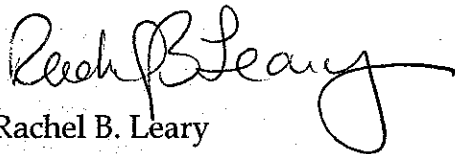
Dear Mr. Monahan:

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.

Surface water quality monitoring was conducted on 12 September 2005 and monitoring data recorded in the Wetland Drilling Daily Report No. 4. 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: 9/12/2005

Project Number: 0033366

Checked By: Rachel Leary
Signature:

Date:

Project Activity:

Wetland drilling.

Summary of Activities ending on Monday, 12 September 2004:

Onsite: 820

Offsite: 1700

- E. Moore arrive on-site waiting for Boart Longyear.
- Conducting surface water quality measurements.
- Measure parameters at SW-4, SW-5, and SW-1. Location SW-2 and SW-3 are currently dry.
- Measure water levels at Rt. 20 bridge and Rt.27 bridge.
- 1230 Boart Longyear arrives on-site to set up for drilling in the wetland on 9/13/05. Set up decon area outside of buffer zone on parking lot. Also lined temporary roadway with poly sheeting in area of drilling activities. Poly sheeting is wrapped around seedless straw bales. Sheeting is placed under drill rig and support vehicle.
- Schedule a water tank to arrive on-site to provide potable water for drilling activities.

Anticipated Operations for next 24 hours:

Wetland Drilling

Surface Water Quality Sampling:

Prior to commencement of drilling activities

Location	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mV)	Temp. (Celsius)	Conductivity (uS/cm)
SW-1	8.05	7.43	4.7	-	19.15	447
SW-2	No Flow - Dry					
SW-3	No Flow - Dry					
SW-4	8.48	5.99	10.2	-	17.87	433
SW-5	8.11	6.81	4.4	-	19.42	444

Inspection of Erosion Barriers:

Intact and in place awaiting commencement of drilling activities

Equipment Type and Quantity / Companies Represented:

Roto-Sonic drill rig/ Boart Longyear
Crane mounted flatbed truck/ Boart Longyear
Pickup truck/ ERM

Comments: