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June 25, 2009

TRC Project Number: 115058

Mr. David Fredette, PE  
City of New Bedford  
Department of Environmental Stewardship  
133 William Street  
New Bedford, Massachusetts 02740

Subject: Spring 2009 Wetland Sediment Inspection Keith Middle School, New Bedford,  
Massachusetts

Dear Mr. Fredette:

In accordance with the Long-Term Monitoring and Maintenance Implementation Plan (LMMIP) prepared by BETA Group, Inc. dated October 20, 2006, for the Keith Middle School (KMS) in New Bedford, Massachusetts, TRC has completed its May 2009 inspection of wetlands abutting the school. A TRC senior ecologist conducted the inspection on May 12, 2009. As stated in the LTMMIP, the purpose of the inspection is to visually observe the wetlands and vicinity for unacceptable conditions including indications of excessive sedimentation occurring within the wetlands, including such conditions as, but not limited to, dumping of debris, exposed side slopes, erosion from spring rains, stressed or dead vegetation, animal burrows, slumping and unauthorized excavation.

The inspection consisted of walking the entire slope adjacent to the wetland area outside of the chain-link fence, and observing areas of potential erosion and sedimentation at the wetland/slope interface. Observations were recorded in the Wetland Sediment Inspection Form included as Appendix F of the LTMMIP. A copy of the completed inspection form is provided with this letter as an attachment. Photographs of the inspection are also included as an attachment.

In general, the slope extending down to the wetland from the parking lots and rear school access drive is well vegetated with grasses and herbaceous plants. One small area of thin vegetative cover remains within the northwestern portion of the slope. The thin cover revealed the slope stabilization netting used during construction of the slopes. However,

this area appears to be currently stabilized with no erosion evident with increased vegetation present since the previous site inspection. Overall, no evidence of erosion or sedimentation into the adjacent wetland was noted during the site inspection.

The area of slope failure previously noted during the 2008 inspection has been stabilized with riprap and appears to be stable although this area should be monitored closely at the time of the next site inspection. The silt fence and haybales previously installed downgradient of the repaired area can be removed.

Other recommendations regarding the slope conditions and stabilization/repair have been provided under a separate Cap Inspection report by TRC. Implementation of these recommendations will adequately protect the wetlands from any future erosion and sedimentation issues that may occur.

If you have any questions regarding this report, please contact me at (978)656-3583 or David Sullivan at 978-656-3565.

Sincerely,



Scott J. Heim  
Senior Ecologist

Attachments

**Attachment W-1**  
**Wetland Sediment Inspection Form**

### WETLAND SEDIMENT INSPECTION FORM KEITH MIDDLE SCHOOL

Use this inspection form to document annual inspections. If unacceptable conditions are observed, complete an additional form immediately after repairs are completed.

Inspection Date: 5-12-09 Inspection By: Scott Heim

**A. SLOPE BETWEEN SCHOOL AND WETLAND -**

Is slope condition acceptable?  YES  NO

(look for dumped debris or waste; stained soil; erosion of soil on slope leading down to wetland; subsidence or slumping of greater than two inches of soil on slope; dead vegetation, if such vegetation is required for erosion control; animal burrows; and/or evidence of unauthorized excavation)

If no, attach photograph

If no, describe unacceptable condition:

Location \_\_\_\_\_

Condition Thin vegetative cover present along NW corner of slope. No erosion noted but need to monitor in future.

Describe any repairs to slope conducted since previous inspection:

Slope failure area has been stabilized with riprap

All repairs adequate?  YES  NO

Photograph of repair attached

**B. WETLAND -**

Is wetland condition acceptable?  YES  NO

(look for dumped debris or waste, stained soil, visible accumulation of mineral sediment in wetland, and/or evidence of unauthorized excavation)

If no, attach photograph

If no, describe unacceptable condition:

Location \_\_\_\_\_

Condition No siltation into wetland noted

Describe any repairs to wetland conducted since previous inspection:

N/A

All repairs adequate?  YES  NO

Photograph of repair attached

**Attachment W-2**  
**Site Photographs**

**SITE PHOTOGRAPHS**  
**May 2009 Wetland Inspection**  
**Keith Middle School**  
**New Bedford, Massachusetts**



**1) Thin/spotty vegetation on slope in northwestern part of site looking up.**



**2) Thin/spotty vegetation on slope in northwestern part of site looking down.**

**SITE PHOTOGRAPHS**  
**May 2009 Wetland Inspection**  
**Keith Middle School**  
**New Bedford, Massachusetts**



**3) Top of slope along parking lot in northern part of site, facing west.**



**4) Slope along northern portion of slope, facing west.**

**SITE PHOTOGRAPHS**  
**May 2009 Wetland Inspection**  
**Keith Middle School**  
**New Bedford, Massachusetts**



**5) Area of former slope failure repair, facing southeast.**



**6) Southern portion of slope where vegetation is well established and stabilizing slope.**