



ENGINEERS

SURVEYORS

PLANNERS

March 21, 2011

M&C 13/2010/006

Mr. Randy Beeman  
Town Manager  
Town of Hope Mills  
5770 Rockfish Road  
Hope Mills, NC 28348

RE: Hope Mills Dam  
Continued Efforts to Restore the Dam & Lake  
Hope Mills, NC

Dear Mr. Beeman:

McKim & Creed, P.A, MACTEC Engineering and Consulting, Inc. (MACTEC), Morrison Engineers, PLLC (Morrison), and Crowder Construction Company (Crowder) (collectively called the "Project Team") are in receipt of the letter prepared by the North Carolina Department of Environment and Natural Resources, Division of Land Resources addressed to you entitled "Final Approval of Phase 2 Stabilization of Remains of Dam, Hope Mills Dam #1, State ID: CUMBE-029, Cumberland County" dated March 16<sup>th</sup>, 2011.

As stated in the letter, the work performed by the above referenced Project Team was "intended to reduce the impoundment potential of the remains of the dam and further stabilize the remains of the dam by rerouting stream flow from beneath the spillway structure. It is understood that Phase 2 stabilization will have a design life of two to three years at which time the Town of Hope Mills will either have plans to repair and restore the dam, or completely remove the remains of the dam and the potential to impound." As you know, this work was completed in accordance with the individual agreements with members of the Project Team.

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Now that the Phase II Stabilization work has been completed, the Project Team plans to focus its efforts on assisting the Town toward the ultimate restoration of the dam and lake. The Project Team has been expending significant effort toward this goal for several months. Data collected during the Phase I & Phase II Stabilization Activities is being utilized to prepare a conceptual design that may be considered by the Town for the ultimate repair.

The Design Project Team members (McKim & Creed, along with its subconsultants MACTEC and Morrison) are preparing a design concept for the repair. The Construction Project Team member, Crowder, is reviewing the design concept and providing feedback to the Design Project Team as related to constructability. The design concept work is well underway, but not yet finalized. At this point, the general design repair concept includes continuing to utilize significant portions of the structure that are undamaged, while restoring other damaged areas, resulting in an overall structure with similar physical characteristics of the original dam.


\* We anticipate the finalization of our design concept within the month of April, and then would expect to request an opportunity to meet with members of the Town's staff and your consultants to present our concept for consideration as a restoration option for the dam and lake. The Project Team considers this meeting a "conceptual design development meeting" to review technical details and discuss a continued path forward toward the finalization of the schematic design concept. After the Town has reviewed the design concept, and if it is deemed acceptable by the Town, we suggest that the next step would be for the Town to schedule a meeting with Dam Safety to review the repair concept, prior to advancing the work to the next stage. Representatives of the Project Team will further commit to attend such a meeting with the Town.

McKim & Creed, MACTEC, Crowder and Morrison, are currently funding and performing work related to the conceptual design preparation without admitting any liability or fault and with full reservation of all rights. McKim & Creed, MACTEC, Morrison and Crowder will be working as separate entities and nothing in this letter should be construed as indicating that any joint venture, partnership or any other teaming arrangement has been agreed to by or between any of these entities.

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Thank you for your continued patience in this very important effort to restore the Hope Mills Dam.

Sincerely,



James Mark Smith, PE, LEED AP  
Senior Vice President  
McKim & Creed, PA

Cc: John H. Jackson, Attorney-at-Law, The Yarborough Law Firm  
Al Tice, MACTEC Engineering & Consulting, Inc.  
Jeff Mann, MACTEC Engineering & Consulting, Inc.  
John Stevenson, Morrison Engineers, PLLC  
Tom Morrison, Morrison Engineers, PLLC  
Bill Crowder, Crowder Construction Company  
Lynn Hansen, Crowder Construction Company  
Mike Creed, McKim & Creed, P.A.