

MEMORANDUM

Date: February 3, 2015

To: Rocco Risbara
Risbara Bros. Construction Co.
PO Box 485
Scarborough, ME 04070

From: Matthew J. Miller, P.E.

Re: Hardy Road Dam

At your request M² Structural Engineering performed a visual inspection of the existing dam structure at your property on Hardy Road in Falmouth, Maine. Our site visit was completed on January 22, 2014. At the time of our visit the ground surface was snow covered, however the both sides of the dam were readily accessible.

The existing structure consists of an earth dam with a concrete spillway. At the base of the spillway, a 2 foot diameter concrete culvert runs through the base of the earth dam and outputs into a small stream. Based on our observations we estimated an elevation difference of approximately 6 to 8 feet between the top of the spillway and bottom of the culvert at the output. The slope on the back of the dam was constructed as a stone embankment.

The visible surfaces of the concrete spillway and embankment were observed, with no signs of deterioration or distress noted. Based on these observations it is our opinion that existing structure is in good to very good condition.

If you have any questions regarding this memo, please do not hesitate to contact us.