Ohio Department of Natural Resources

JOHN R. KASICH, GOVERNOR

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Division of Water Resources
Andrew D. Ware, Acting Chief
2045 Morse Road/Building B-3
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August 4, 2016

Mahoning County Auditor
Cheri Lyn Donofrio
120 Market Street
Youngstown, OH 44503

RE: Woodside Lake Dam
File Number: 1005-008
Mahoning County

Dear Ms. Donofrio:

Neil Shop and Doug Evans of the Division of Water Resources conducted a safety inspection of Woodside Lake Dam on April 19, 2016 under the provisions of Ohio Revised Code (ORC) Section 1521.062 to evaluate the condition of the dam and its appurtenances. Thank you for joining them on that inspection. The division has the responsibility to ensure that human life, health, and property are protected from dam failures. Conducting periodic safety inspections and working with dam owners to maintain and improve the overall condition of Ohio dams are vital aspects of achieving this purpose. A copy of the laws and administrative rules for dam safety is available on the division's web site or by request.

The enclosed inspection report was generated based on available information obtained during and following the inspection, and is hereby provided for your review and action. Listed in the report are several repair, maintenance, and monitoring items that the dam owner is required by law to perform. As stated in the report, completion of some of these items will require the services of a professional engineer hired by the dam owner. The Chief of the Division of Water Resources must first approve any plans for modifications or repairs to the dam. Following approval of any engineered construction plans, all necessary repairs and/or modifications must be implemented by the owner under the supervision of a registered professional engineer. Completion of the required items in the report will improve the safety and overall condition of the dam. In lieu of completing the required items in the report, full compliance may also be achieved through one of the options listed in the enclosed "Remediation Alternatives" fact sheet.

During the inspection, collapse of the left spillway sidewall and significant seepage through the right sidewall and embankment were noted. The dam and its spillway are in poor condition and steps must be taken to repair the dam within the next year before conditions worsen. You should consider lowering the pool level behind the dam by at least 2 feet until the dam is either properly repaired or breached. Please contact our office to discuss the next steps and options for lowering the pool level.

Guidelines for preparing an operation, maintenance, and inspection manual and guidelines for preparing an emergency action plan are enclosed, which are both required items for this dam. Also, to gain information that will help improve the inspection program, a short survey has been enclosed. Please complete the survey and return it in the self-addressed envelope provided. Your feedback is important.

Your cooperation in bringing this dam into compliance and reducing the overall risk of failure is appreciated. Please contact Mia Kannik with the Division of Water Resources at 614/265-6404 as soon as possible to discuss needed repairs or modifications to the dam, and the recommended pool level lowering.

Sincerely,

Andrew D. Ware, Acting Chief
Division of Water Resources

ADW:nas

cc: Mia Kannik, P.E., Division of Water Resources

Enclosures