



June 11, 2014

Mr. Chuck Pfeiffer
2933 14th Lane West
Adams, WI 53910

Kathy Pierce, Clerk
Village of Friendship
507 Lake Street
Friendship, WI 53910

Hello Chuck and Village Board Members:

SUBJECT: Friendship Dam Inspection- Adams County
Field File 1.01

This letter is in response to a dam inspection that took place on May 21, 2014 at the Friendship Dam in Friendship. Enclosed is the dam inspection report, inspection check list, and sufficiency ranking checklist for your review. The inspection of the dam revealed a number of items that need to be addressed. The following directives are based on the inspection and review of Department files:

DIRECTIVE

DUE DATE

1. Bench Marks March 31, 2015
There needs to be at least three bench marks established for the dam. Two are off the dam and one on the dam. The bench marks need to be tied to the datum used in the Adams County FIS. Enclosed is Form 3400-48 for submitting the bench mark data
2. Staff Gauge March 31, 2015
Submit photos of new staff gauge mounted to the face of the dam set to the Adams County FIS datum.
3. Signs September 30, 2014
Submit pictures of repainted or new dam warning sign and portage route signs. The portage route signs should indicate where the take out point is, show a safe portage route across the dam and a safe place to put in.
4. Dam Failure Analysis (DFA) April 1, 2015
It is estimated that this is a high hazard dam, meaning a potential loss of life exists if the dam fails. It is important that a DFA be prepared so that those potentially in harms-way can be identified. The DFA elevations need to be tied to the datum that was used in the Adams County FIS.
5. Spillway capacity evaluation April 1, 2015
The spillway does not appear to meet any of the hazard ratings for a dam, low, significant or high hazard. Provide a plan for a proposed spillway to meet the requirements of Wisconsin Administrative Code NR 333 based on the hazard rating expected for the dam in the DFA.