

6. Emergency Action Plan (EAP) September 30, 2015
EAP needs to be based on the findings of the DFA.

7. Inspection, Operation and Maintenance Plan June 30, 2015
The IOM should include a method of determining flow.

8. Dam Repair Report March 31, 2015
Submit a report from an engineer that describes methods to correct or monitor the following items:
 - a. Embankment
 - i. Amount of seepage at north end of downstream embankment
 - ii. Cause of the depression across the crest of the dam.
 - iii. Upstream embankment protection and slope stability.
 - iv. Cleaning/repair of the toe drain system.
 - b. Gate – a description of the condition of the Tainter gate, pinions, and gate operator and any repairs needed.
 - c. An evaluation of any scour beneath or below the outlet apron and a description of corrective measures.
 - d. Concrete – a description of all of the concrete areas that are spalling or cracked and a method to repair.

The report should include time frames for correcting the areas that are in need of repair.


If you have alternative dates that you would like to meet please notify the Department of the alternative proposed dates so they can be discussed. If the Department does not receive a written notice from you it will assume the above dates are acceptable to you.

The enclosed sufficiency rating checklist for the Friendship Dam determined that the dam is ranked as poor. This sufficiency rating is based on Departmental guidance dated September 18, 2012. The rating is only intended to reflect the Department's interpretation of physical conditions on the day of the inspection outlined in a report prepared by a private consultant. The rating is not required by State Statute and does not imply any regulatory significance. The rating is not a Departmental certification of the overall safety, structural adequacy, hydraulic capacity or operation of the dam during any loading condition. Department staff has been requested to assign sufficiency ratings to be in compliance with Federal grant requirements for State Dam Safety Programs.

If you decide that you no longer want to operate or maintain the dam you can request a permit application for abandoning the dam. Please contact me and I will send you the application.

If you have any questions on this letter or the enclosed report and checklists please feel free to contact me at 715 421-9940 or joseph.behlen@wi.gov.

Sincerely,


Joseph R., Behlen, P.E.
Water Management Engineer

Adams, Langlade, Marquette, Portage, Waupaca, Waushara, and Wood Counties

C: State Dam Safety Engineer WT/3
Friendship Lake District
Wisconsin Department of Transportation- WIRAP