

Subject: FY10 Joint Routine Inspection of Completed Works, Flood Damage Reduction Project, Keuka Lake Outlet – Control Structure, Penn Yan, New York (08/12/10)

13. RECOMMENDATIONS AND MAINTENANCE REQUIRED AS A RESULT OF THIS INSPECTION:

a. **Recommendations for Potential Deficiencies:** None.

b. **Recommendations for Minor Deficiencies:**

(1) The project sponsor needs to have a written system-specific flood Emergency Response Plan to document that they have a solid understanding of how to operate, maintain, and staff the Flood Damage Reduction project during a flood. General guidance for preparing this document is presented in Attachment “D”. The project sponsor must physically produce a copy of the written Emergency Response Plan for Corps review during all future project inspections.

c. **Recommendations for Serious Deficiencies:** None.

d. **Other Recommendations:**

(1) Continue to exercise and lubricate all gates periodically to ensure they continue to function properly when needed, especially during an emergency.

(2) Continue to maintain main project features. Continue to clear vegetation from on top of concrete wall between new and old gates, from the overflow structure, and elsewhere as necessary.

(3) Continue to clear debris build-up in front of gates on a regular basis.

(4) Operation and maintenance of gates appears to be satisfactory. During the FY09 Inspection (07/10/09), the gate operator indicated that gate 6 (Birkett Gate) is not generally operated because it is a ratchet gate that is difficult to operate and seal after opening. Although this gate is intended for emergency use only, the local sponsor should make provisions to exercise this gate on a regular basis to ensure it will function when needed during emergencies. Problems with operating and sealing the gate after opening need to be resolved. Operation of this gate will be required during future inspections to verify operational adequacy.


14. INSPECTION REPORT PREPARED BY:



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15. INSPECTION REPORT REVIEWED BY:



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16. LIST OF ATTACHMENTS:

- A. Project Inspection Photographs
- B. Project Inspection Checklist
- C. Project Map
- D. Emergency Response Plan Guidelines