

SUBJECT: FY10 Joint Routine Inspection of Completed Works, Flood Damage Reduction – Clearing and Snagging, Keuka Lake Outlet, Penn Yan, New York (08/12/10)

Projects receiving “ACCEPTABLE” (A) and “MINIMALLY ACCEPTABLE” (M) ratings will remain active in the Corps of Engineers Rehabilitation and Inspection Program (RIP) and will continue to be inspected by the Corps on a routine basis. Projects receiving an “UNACCEPTABLE” (U) rating will be designated as inactive in the Corps of Engineers RIP and will not be inspected by the Corps anymore until the deficiencies have been corrected. Effective date for unsatisfactory projects to be considered inactive will be date of receipt by the local sponsor of the inspection report. For these projects to become active again all serious deficiencies must be satisfactorily addressed and, the project re-inspected by the Corps with at least a minimally acceptable rating.

For projects rated “ACCEPTABLE” (A), a copy of the report will be forwarded to the local sponsor and county emergency management agency. For projects rated “MINIMALLY ACCEPTABLE” (M), a copy of the report will be forwarded to the local sponsor, county emergency management agency, state emergency management agency, and the local FEMA region. For projects rated “UNACCEPTABLE” U, a copy of the report will be forwarded to the local sponsor, county emergency management agency, state emergency management agency, local FEMA region and the local Congressional delegation.

The inspection checklist (Attachment "B") includes a two page section labeled "Public Sponsor Pre-Inspection Report". The local sponsor should complete this section just prior to the next scheduled inspection and provide to Corps inspector upon his arrival. The "Reporting Period is the timeframe between inspections (i.e. inspection date of this report and date of next scheduled inspection).

Please keep this office informed if there are any changes to the project that would affect the design level of protection afforded by the project, or if there are any other changes which may alter or impact any project features. Such changes require prior written approval from the Corps of Engineers and NYSDEC.

Questions pertaining to this matter should be directed to the undersigned, who can be contacted in writing at the above address, by telephone at 716-879-4277 or by e-mail at robert.w.remmers@usace.army.mil.

Sincerely



Robert W. Remmers, P.E., PMP
Levee Safety Program Manager
Chief, Operations and Technical Support Section

Enclosures

CF: (w/encls)
Stephen Len, NYSDEC - Division of Water, Flood Control Project Unit
Karis Manning, NYSDEC - Region 8
Diane Caves, Yates County Emergency Management Department

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1. **OBJECTIVE:** The objective of this inspection is to assure project sponsor compliance with existing agreements, evaluate effectiveness of the sponsor to operate and maintain facilities constructed by the United States in accordance with the Operations and Maintenance (O&M) manual, and determine if the sponsor has adequately met standards required to maintain eligibility for PL 84-99 Federal rehabilitation assistance should the project be damaged by flooding or a storm event
2. **PROJECT CLASSIFICATION:** Flood Damage Reduction – Clearing and Snagging
3. **REPORTING PERIOD:** 07/10/09 – 08/12/10.
4. **INSPECTION TEAM:** The inspection team met at the project site on 08/12/10. The following representatives from the U.S. Army Corps of Engineers (USACE - Buffalo District), the New York State Department of Environmental Conservation (NYSDEC), Keuka Lake Outlet Compact, and Town of Jerusalem participated in the inspection.

<u>Name</u>	<u>Organization</u>	<u>Phone</u>
Jeremy Watts	USACE - Buffalo District	(716) 879 - 4349
David Mitchell	USACE – Buffalo District	(716) 879 - 4115
Joe Kasperski	USACE – Buffalo District	(716) 879 - 4313
Karis Manning	NYSDEC - Region 8	(585) 226 - 5445
Nadine Little	NYSDEC - Albany	(518) 402 - 8142
Daryl Jones	Town of Jerusalem	(315) 595 - 2287
Bill Weber	Keuka Lake Outlet Compact	(607) 738 - 1547
Richard Osgood	Director of Public Works	(315) 536 - 3374
Paul Bauter	Manager	(315) 536 - 0917

5. **OVERALL PROJECT RATING:** In accordance with Headquarters, USACE guidance, this project is rated "Acceptable" (A). The presence of no deficient conditions that lessen the degree of project reliability was the determining factor for the project rating.

Prior to this evaluation, the project was last inspected on 07/10/09. The condition of the project at the time of that inspection was rated as "Acceptable" (A).

6. **PROJECT LOCATION, DESCRIPTION, AND LOCAL SPONSOR:**
 - a. **Project Location:** The project is located on Keuka Lake Outlet in the Village of Penn Yan, New York. The upstream limit of the project is about 1,000 feet downstream of Keuka Lake, at the point where Kimball’s Gully enters the outlet from the right bank. The downstream limit is at the dam just upstream of the Main Street bridge.
 - b. **Project Description:** The project work consisted of a clearing and snagging operation along the bed and banks of Keuka Lake Outlet to create better conditions for the passage of high flows and reduce the threat of ice and debris jams. Isolated obstructions and shoals were also removed.

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c. **Local Sponsor:** In accordance with the project O&M manual, NYSDEC - Region 8 has assumed responsibility for the operation and maintenance of the project.

7. **INSPECTION FINDINGS:** Deficiencies found during this inspection are noted below. Deficiency categories are described in the report transmittal letter. Refer to Attachment "A" for project inspection photographs, Attachment "B" for project inspection checklist (showing ratings of individual inspection items), Attachment "C" for a project map, and Attachment "D" for Emergency Response Plan guidelines.

a. **Potential Deficiencies:** None.

b. **Minor Deficiencies:**

(1) The project sponsor did not have a flood Emergency Response Plan. Correction of this deficiency is past due and required immediately. Sponsor may use Attachment "D" for this purpose.

c. **Serious Deficiencies:** None.

8. **SUMMARY OF MAINTENANCE REQUIRED BY LAST INSPECTION REPORT:**

None.

9. **SUMMARY OF MAINTENANCE PERFORMED AFTER LAST INSPECTION:**

(1) Periodic dredging of channel at Kimball's Gully, as necessary, to keep navigation lanes open.

10. **SUMMARY OF CHANGES TO PROJECT SINCE LAST INSPECTION:** None.

11. **PROBLEMS/ISSUES REQUIRING ASSISTANCE OF USACE:** None.

12. **ADDITIONAL OBSERVATIONS:**

(1) The channel is generally clear of debris and obstructions (see photos 3-7).

(2) Navigation channel at confluence with Kimball's Gully is narrow with shoals marked on both sides of channel. Heavy sediment load from Kimball's Gully during high-volume runoff events periodically clogs channel and sponsor is required to dredge (see photos 1-3).

(2) The project sponsor did have a copy of the O&M manual during this inspection.

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,