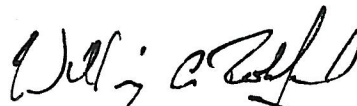


MEMORANDUM FOR RECORD

SUBJECT: 2013 Marshalltown Levee Engineering Assessment

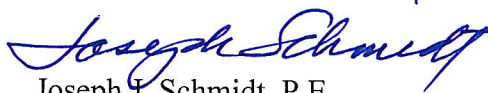
1. The 2013 Routine Inspection of the Marshalltown Levee was conducted on September 23, 2013. The inspection team has identified one System Components rated as 'UNACCEPTABLE'. The deficiency identified is serious; however, these item is not expected to prevent the Levee System from performing as intended in the next flood event. The specific item is listed below, along with an engineering determination of how the item will not prevent the system from functioning as intended.
 - Pump Station – 15. Megger Testing on Pump Motors and Critical Power Cables. Documentation of Megger Testing was not provided for the Mashalltown Pump Station. Although the condition of the insulation resistance is unknown which could lead to shortages at the pump stations, the pump motors have been operating without issue and are not expected to be critical.
2. The sponsor should ensure these corrections are performed in an expedient manner. Continuing eligibility in the RIP program requires the deficiencies, rated as 'UNACCEPTABLE', to be corrected within two years of this inspection report to remain eligible for rehabilitation assistance in the PL 84-99 program.
3. The purpose of the U.S. Army Corps of Engineers (Corps) Levee Safety Program is to make sure levee systems are reliable and do not present unacceptable risks to the public, property or the environment, with the emphasis on public safety. Two important principles that guide our program are the shared responsibility among partners at all levels for levee safety and the need for continuous and periodic project inspections and assessments. The Corps conducts annual routine inspections to verify proper operation and maintenance of projects in its program. The items discussed above have been assessed in accordance with the procedures established in the Corps Levee Safety Program and are not considered to be issues that would prevent the levee system from performing satisfactorily during the next flood event.

Reviewed By:



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Approved By:



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