



DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DIVISION, GREAT LAKES AND OHIO RIVER
CORPS OF ENGINEERS
550 MAIN STREET
CINCINNATI, OH 45202-3222

CELRD-PD-G

14 Jan 2013

MEMORANDUM FOR Commander, U.S. Army Engineer District, Chicago, Attention, Susanne Davis (CELRD-PM-PL), Chicago District, Corps of Engineers, 111 N. Canal Suite 600, Chicago, IL, 60606-7206

SUBJECT: Review Plan for CUP McCook Reservoir, Illinois, Flood Risk Management Project

1. The attached Review Plan (RP) CUP McCook Reservoir Project was presented to the Great Lakes and Ohio River Division for approval in accordance with EC 1165-2-214 "Civil Works Review" dated 15 Dec 2012.
2. The project is located in central west Cook County, Illinois, within the Village of Hodgkins.
3. The authorized project consists of a reservoir to reduce flood damages within the Tunnel and Reservoir Plan (TARP) Mainstream and Des Plaines combined sewer areas. This area includes most of the City of Chicago and 36 surrounding suburban communities. This 252 square mile area contains over 3,000,000 people and over 1,240,000 housing units. During storm events, area watercourses do not have adequate capacity. This causes high water levels on the watercourses and backup of the combined sewer system into basements and streets. Discharge of combined sewer overflow also causes poor water quality in the watercourses. These problems cause an estimated \$188 million in damages every year. The design of the 22,000 acre-foot McCook Reservoir was recommended in the February 1999 Special Reevaluation Report and Final Environmental Impact Statement (SRR/EIS). The reservoir will store floodwater from the Tunnel and Reservoir Plan (TARP) tunnel system of the Metropolitan Water Reclamation District of Greater Chicago (MWRDGC). The project will be constructed in two stages, referred to as Stage 1 and Stage 2. Stage 1 will include a fully functioning flood storage reservoir with all connections to tunnels and pumping facilities. Stage 2 will provide more storage volume and will be completed after mining operations in the area are complete.
4. The RP defines the scope and level of peer review for the activities to be performed for the subject project. The USACE LRD Review Management Organization (RMO) has reviewed the attached RP and concurs that it describes the scope of review for work phases and addresses all appropriate levels of review consistent with the requirements described in EC 1165-2-214.
5. I concur with the recommendations of the RMO and approve the enclosed RP for the CUP McCook Reservoir project.

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6. The District is requested to post the RP to its website. Prior to posting, the names of all individuals identified in the RP should be removed.

7. If you have any questions please contact Dr. Hank Jarboe, CELRD-PDP, at (513) 684-6050.

Margaret W. Burcham

MARGARET W. BURCHAM

Brigadier General, USA

Commanding

Encl

1. Review Plan