



US Army Corps
of Engineers®
Omaha District

Chatfield

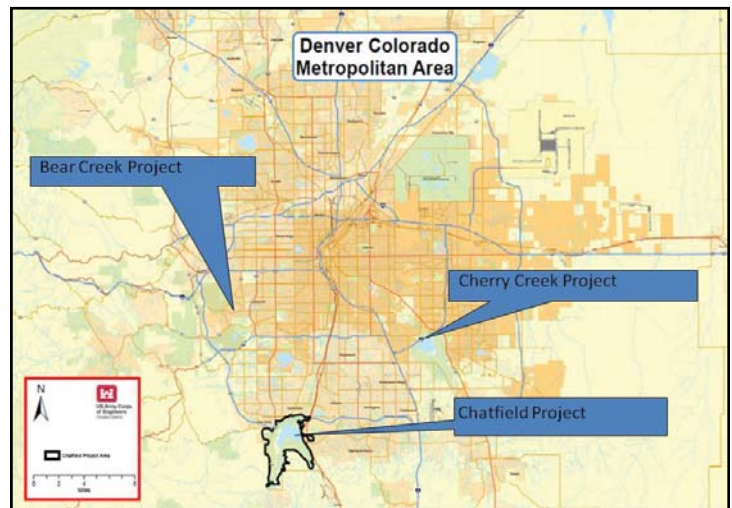
Reservoir Storage Reallocation Study

January 27, 2014

Proposed Project Purpose: The Chatfield Reallocation Study was completed to evaluate the feasibility of reallocating storage space in Chatfield Reservoir from flood control to joint flood control-conservation purposes for municipal and industrial water supply. The Chatfield Dam and Reservoir Project is a federal project owned and operated by the U.S. Army Corps of Engineers, Omaha District, and is located approximately 25 miles southwest from Denver, Colorado.

This study was authorized by Congress [Section 808, Water Resources Development Act 1986] and follows the Corps of Engineers' feasibility and water supply reallocation procedures outlined in the Principles and Guidelines for Water and Related Land Resources Implementation Studies. The study is being cost-shared 50-50 between the Corps of Engineers and the Colorado Water Conservation Board (the project sponsor).

Several alternative concepts were initially developed and screened using the Corps' Planning process. While many alternatives were eliminated from further detailed evaluation, the screening process did lead to the refinement of four main options. The "No Action" scenario is the most likely condition expected in the absence of the proposed alternative. In this case, the "No Action" alternative would most likely lead to development of other reservoirs to contain water supplies totaling the same yield as the Chatfield Reallocation Project. A combination of non-tributary ground water and the construction of downstream gravel pits were proposed as Alternative 2. The third alternative would reallocate 20,600 acre-feet of storage in the existing Chatfield Reservoir. Alternative 4 would reallocate 7,700 acre-feet of storage at Chatfield. Each alternative was reviewed using the Corps' Economic and Environmental Principles and Guidelines for Water and Related Land Resources Implementation Studies (USACE, 1983). The Principles and Guidelines call for a project to be evaluated on the following criteria: completeness, effectiveness, efficiency, and acceptability. The evaluation included both environmental and economic impacts, environmental and economic benefits, and project costs. Each alternative was formulated on the basis that each would provide 8,539 acre-feet of average year yield. In considering all the information contained in the impacts and benefits analysis, the Omaha District, Corps of Engineers has recommended Alternative 3 be approved for implementation.



FR/EIS TIMELINE

FR/EIS Milestone	Date*
Initial Notice	Sept. 30, 2004
Scoping	Oct. 25-27, 2004
Draft FR/EIS	June 8, 2012
Draft FR/EIS comments due	Sept. 6, 2012
Final FR/EIS Submitted	Sept. 26, 2013
Report Approval/ROD	April 2014

*The Assistant Secretary of the Army for Civil Works will make the determination if this project is feasible. It is anticipated a decision will be made by April 2014.

For more information, please contact us.

Phone: 888-835-5971

Email: chatfieldstudy@usace.army.mil

Website: www.chatfieldstudy.org