WARNER DAM FLOOD DAMAGE REDUCTION PROJECT

Region 9 Counties: Allegany, Chautauqua, Cattaraugus, Erie, Niagara, Wyoming

Operated and Maintained by: The City of Jamestown

PROJECT LOCATION
Warner Dam is located in the City of Jamestown, Chautauqua County, New York, on the Chadakoin River, approximately 3.5 miles from the outlet of Chautauqua Lake.
PROJECT DESCRIPTION

The new dam is constructed of mass concrete. The dam has a steel sheet piling cutoff wall under the upstream section in order to reduce seepage, and a sheet piling wall under the downstream section for scour protection. The dam is equipped with three electrically operated tainter gates, capable of being remotely controlled. Although this is a dam, and has served multiple recreational and municipal purposes, its primary purpose is to reduce flood damage to homes surrounding Chautauqua Lake by regulating flow down the Chadakoin River during the Spring runoff season.

AUTHORIZATION

The Environmental Conservation Supplemental Budget for Fiscal Year 1975-1976 mandated the Department to repair Warner Dam and improve the outlet channel of Chautauqua Lake, and provided $250,000 for this work.

CONSTRUCTION

Construction of the rebuilt dam was completed in December 1979. The total cost to the State of New York was $1,242,951. The City of Jamestown reimbursed the State an amount totaling $710,000.