



## Connecticut

# Hop Brook Lake Dam

Hop Brook Lake is spread over three communities: Naugatuck, Middlebury, and Waterbury. The dam is situated on Hop Brook in Naugatuck. It can be reached by traveling three miles north on Route 63 from the center of Naugatuck. The project includes an earthfill dam with stone slope protection 520 feet long and 97 feet high; an earthfill dike measuring 400 feet long and 33 feet high; a gated rectangular 425-foot-long concrete conduit three feet wide and five feet high; and a chute spillway edged in rock with a 200 footlong broad crested weir. The weir's crest elevation is 17 feet lower than the top of the dam.

Construction of the dam commenced in December 1965 and was completed in December 1968, costing \$6.2 million. The relocation of 1.8 miles of Route 63 was required.

Hop Brook Lake contains a 21 acre recreation pool that has a maximum depth of 18 feet. The flood storage area of the project, which is normally empty and is only utilized to store floodwaters, is 1.5 miles long and spreads out over 270 acres. The project and associated lands total 538 acres throughout Naugatuck, Middlebury, and Waterbury. Hop Brook Lake can store up to 2.23 billion gallons of water for flood control purposes. This is equivalent to eight inches of water covering its drainage area of 16.4 square miles.

Hop Brook Lake contains largemouth bass and panfish. The state stocks both the lake and its feeder streams with trout. Recreational development of the reservoir includes picnic sites and four group picnic shelters, walking trails, a beach, ball field, three volleyball courts, drinking water, sanitary and parking facilities. Visitors can also enjoy canoeing.