



The Bear Creek Watershed Association protects and restores water and environmental quality within the Bear Creek Watershed from the effects of land use.

Clear Creek County
Jefferson County
City of Lakewood
Town of Morrison
Aspen Park Metropolitan District
Brook Forest Inn
Conifer Sanitation Association
Conifer Metropolitan District
Denver Water Department
Evergreen Metropolitan District
Forrest Hills Metropolitan District
Genesee Sanitation & Water District
Geneva Glen
Jefferson County School District
Kittredge Water & Sanitation District
Tiny Town Foundation, Inc.
West Jefferson County Metropolitan District
Evergreen Trout Unlimited
U.S. Army Corps of Engineers

GENESEE WATER & SANITATION DISTRICT

Fact Sheet 40 Genesee Dam & Reservoir 2007

July 14, 2014

Genesee Water & Sanitation District Built Genesee Dam No. 2 as a water supply source reservoir beginning in 6/2006 and completed on 11/2007. This is the newest reservoir in the Bear Creek Watershed. This 7 million dollar direct-use water-supply reservoir project consists of:

- 34,500 cubic yards of concrete.
- The dam is 102 feet tall.
- Holds 32 million gallons of water or 101 acre-feet.
- Water depth is about 80 feet at the dam face.
- The dam has a 360-foot crest length.
- The dam is a roller compacted concrete (RRC) dam built in 1-foot lifts or layers.
- The downstream face is covered by earth and vegetation, allowing it to better blend with the native vegetation.
- Water is pumped from Bear Creek (Segment 1e) to the reservoir (Segment 10). There is some minor inflow from upland drainage areas.
- The District's water system serves approximately 1,310 users, which equates to roughly 1,582 equivalent residential units.
- The reservoir has served as the primary source of raw water supply since the time it was placed in service.
- The District does not currently experience taste & odor issues, although in time the reservoir does have the potential to develop T&O problems.
- The BCWA has collected limited water quality data from the reservoir.

