

RECLAMATION

Managing Water in the West



Photo Credit: Winetta Owens

Stampede Dam and Reservoir (Washoe Project) are located on the Little Truckee River immediately below the mouth of Davies Creek and approximately eight miles above the confluence of the Little Truckee and Truckee Rivers. The dam is a zoned earthfill structure built in 1970; and the reservoir has a capacity of 226,610 acre-feet. The dam provides flood control, recreation, such as fishing (for kokanee salmon, rainbow, brook, brown and lake (mackinaw) trout, etc.), hunting, boating, camping and hiking and a supplemental water supply to improve spawning habitat conditions on the Lower Truckee River for endangered Cui-ui (pronounced cwee-wee). The Cui-ui is a lake sucker found only in Pyramid Lake, Nevada.

Shown are the outlet works and the Stampede Powerplant. The powerplant has a total capacity of 3.65-megawatts at a rated head of 183-feet. It is designed as a run-of-the-river facility with two hydro-generators. The small hydro-generator is a 650-kilowatt (kW) unit and produces power during low flows. The larger hydro-generator is a 3,000-kW unit and can be brought online to take advantage of larger flows. The power generated at Stampede is transmitted into Nevada Energy's power grid and is marketed by the Western Area Power Administration.

The Stampede Dam outlet works consists of a 12-ft-diameter concrete-lined tunnel controlled by two tandem gates. The outlet works gates discharge into a type 2 hydraulic jump stilling basin.

For more information on Stampede Dam: <http://www.usbr.gov/mp/sod/projects/stampede/index.html>
http://www.usbr.gov/projects/Facility.jsp?fac_Name=Stampede+Dam

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