

Cascade Canal

LOCATION.—SE1/4 of N/W1/4 Sec. 34 T17N, R10E. The diversion is located in Deer Creek approximately 2.75 miles north east of Scotts Flat Reservoir.

ESTABLISHMENT AND HISTORY.—Diversion begin in the mining era circa 1857. Nevada Irrigation District acquired the canal from PG&E in 1927 and is the current owner/operator.

GAGE.—Panametrics DF868 Ultrasonic flowmeter

CONTROL.—There are multiple head gates at the diversion structure which are remotely operated via SCADA to control head and maintain a full pipeline.

WINTER FLOW. – Minimal diversion in the winter.

REGULATION AND DIVERSIONS.— In addition to the natural flow being diverted, water that is imported into Deer Creek via the South Yuba Canal is re-diverted into the canal.

ACCURACY.— Good

COOPERATION.--Site is operated by Nevada Irrigation District.

JUSTIFICATION.—To gain accurate measurement of the amount diverted and to aid in regulating the flow necessary to meet customer demand.

REMARKS.--