

## Auburn Ravine I Canal

**LOCATION.**—NE1/4 of NE1/4 Sec. 14, R7E,T12N. The diversion is located in Auburn Ravine approximately 3.2 miles west of Auburn.

**ESTABLISHMENT AND HISTORY.**—Diversion began in mining era circa 1853; Nevada Irrigation District acquired the canal in 1933 from PG&E and is the current owner/operator.

**GAGE.**—Six foot parshall flume constructed in 1989; stilling well with staff plate and pressure transducer; data logger; data is telemetered to NID main office.

**CONTROL.**—Head gate and spill structure at diversion dam allow control upstream of gaging station. Water settles out in the distance from the head gate to the parshall flume.

**WINTER FLOW.**— Minimal diversion in the winter.

**REGULATION AND DIVERSIONS.**— In addition to the natural flow being diverted, water that is imported into Auburn Ravine via the Bear River Canal is re-diverted into the canal.

**ACCURACY.**— Good

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

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

**REMARKS.**--