

## Hemphill Canal

**LOCATION.**— NW1/4 of NE1/4 Sec. 13, T12N, R6E. The diversion is located Auburn Ravine approximately 1.4 miles east of Lincoln.

**ESTABLISHMENT AND HISTORY.**—The canal was constructed in 1933 by the Nevada Irrigation District. It was enlarged in 1943 and the Nevada Irrigation District is the current owner/operator.

**GAGE.**—Four foot parshall flume constructed in 1980; stilling well with staff plate and pressure transducer; data logger; data is telemetered to NID main office.

**CONTROL.**—Head gate at the diversion structure controls the flow upstream of the parshall flume.

**WINTER FLOW.**—No water is diverted in the winter.

**REGULATION AND DIVERSIONS.**— In addition to the natural flow being diverted, water this is imported 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.**--