

IN THE OFFICE OF THE STATE ENGINEER
OF THE STATE OF NEVADA

O R D E R

REQUIRING INSTALLATION OF TOTALIZING METERS
ON ALL PERMITTED IRRIGATION WELLS WITHIN
THE DIAMOND VALLEY GROUND WATER BASIN

WHEREAS, the State Engineer has designated the Diamond Valley Ground Water Basin as provided under NRS 534.010 to 534.190, inclusive, by the following Orders:

1. Order No. 277, dated August 5, 1964
2. Order No. 280, dated August 28, 1964

NRS 534.120 provides that within an area that has been designated by the State Engineer where, in his judgment, the ground water basin is being depleted, the State Engineer in his administrative capacity is empowered to make such rules, regulations and orders as are deemed essential for the welfare of the area involved.

The State Engineer issued Order No. 541 on December 22, 1975 and Order No. 717 on July 10, 1979, giving notice of curtailment of water appropriation within the Diamond Valley Ground Water Basin.

The State Engineer held public hearings in Eureka, Nevada on May 24, 1982 and August 9, 1982 to receive evidence and testimony on possible curtailment of pumping from under ground sources in the Diamond Valley Designated Ground Water Basin.

The U.S. Geological Survey estimates that 30,000 acre-feet of water annually are available as perennial yield from the Diamond Valley Ground Water Basin. Existing ground water rights of record in the State Engineer's office total 139,249.54 acre-feet per year. Approximately 25,279 acres were irrigated by 183 wells in 1981 with an approximate consumptive use of 71,744 acre-feet.

The State Engineer has found that the ground water is being depleted in portions of the basin, particularly in the agricultural areas.

The State Engineer has the authority under NRS 534.110, section 6, to conduct investigations in any basin or portion thereof where it appears that the average annual replenishment to the ground water supply may not be adequate for the needs of all permittees and all vested right claimants, and if his findings so indicate the State Engineer may order that withdrawals be restricted to conform to priority rights.

NOW THEREFORE, for the purpose of obtaining more accurate measurements of water placed to beneficial use and for the purpose of obtaining more accurate information concerning the effects of pumping on the average annual replenishment to the ground water supply, it is hereby ordered that totalizing meters be installed on all permitted and certificated wells within the Diamond Valley Ground Water Basin. The totalizing meters must be installed and maintained in the discharge pipeline near the point of diversion. The totalizing meters must be installed before May 1, 1983.


 Peter G. Morros
 State Engineer

Dated at Carson City, Nevada, this
1st day of DECEMBER, 1982