

IN THE MATTER OF APPLICATIONS 33160, )  
 34510, 34512, 34513, 34514, 36908, )  
 37271, 37380, 37385, 37386, 37564, )  
 37698, 37699, 37700, 37701, 37702, )  
 37703, 37704, 37705, 37706, 37707, )  
 37880, 37881, 37882, 37993, 38665, )  
 38666, 38667, 38668, 38669, 38670, )  
 38675, 38676, 38678, 38679, 38681, )  
 40259, 40788, 40789, 40790, 40793, )  
 40794, 40795, 40797, 40969, and )  
 40970 FILED TO APPROPRIATE THE )  
 WATERS OF AN UNDERGROUND SOURCE IN )  
 LOWER MOAPA VALLEY, CLARK COUNTY AND )  
 LINCOLN COUNTY, NEVADA )

RULING

INTRODUCTION

Applications 33160, 34510, 34512, 34513, 34514, 36908, 37271, 37380, 37385, 37386, 37564, 37698, 37699, 37700, 37701, 37702, 37703, 37704, 37705, 37706, 37707, 37880, 37881, 37882, 37993, 38665, 38666, 38667, 38668, 38669, 38670, 38675, 38676, 38678, 38679, 38681, 40259, 40788, 40789, 40790, 40793, 40794, 40795, 40797, 40969, and 40970 were filed to appropriate water from an underground source in Lower Moapa Valley Ground Water Basin, Clark County, Nevada.

In 1968, Water Resources Reconnaissance Series Report 50, "Water Resources Appraisal of the Lower Moapa - Lake Mead Area, Clark County, Nevada," was prepared cooperatively by the Nevada Department of Conservation and Natural Resources, Division of Water Resources and the U.S. Department of the Interior, Geological Survey. This report may be viewed at the office of the State Engineer.

FINDINGS OF FACT

Application 33160 was filed by Murray L. Perkins on August 15, 1977 to appropriate 2.0 c.f.s. of underground water for irrigation purposes. The point of diversion is within the SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 6, T.16S., R.68E., M.D.B.&M., and the place of use is 160 acres within the SW $\frac{1}{4}$  of said Section 6.

Application 34510 was filed by Judy Langston on November 1, 1977 to appropriate 2.7 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the N $\frac{1}{2}$  N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 30, T.14S., R.68E., M.D.B.&M., and the place of use is 160 acres within the NE $\frac{1}{4}$  of said Section 30.

Application 34512 was filed by Mary Florence Turner on November 1, 1977 to appropriate 2.7 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the N $\frac{1}{2}$  N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 30, T.14S., R.68E., M.D.B.&M., and the place of use is 160 acres within the NW $\frac{1}{4}$  of said Section 30.

Application 34513 was filed by Stella Mary Pangburn on November 1, 1977 to appropriate 2.7 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the N $\frac{1}{2}$  N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 30, T.14S., R.68E., M.D.B.&M., and the place of use is 160 acres within the SE $\frac{1}{4}$  of said Section 30.

Application 34514 was filed by Kenneth G. Bradshaw on November 1, 1977 to appropriate 2.7 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the N $\frac{1}{2}$  N $\frac{1}{2}$  SW $\frac{1}{4}$  Section 30, T.14S., R.68E., M.D.B.&M., and the place of use is 160 acres within the SW $\frac{1}{4}$  of said Section 30.

Application 36908 was filed by Bruce G. Perkins on March 8, 1979 to appropriate 2.0 c.f.s. of underground water for irrigation purposes. The point of diversion is within the NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 7, T.16S., R.68E., M.D.B.&M., and the place of use is 160 acres within the NW $\frac{1}{4}$  of said Section 7.

Application 37271 was filed by Lou Jeane Lewis on March 28, 1979 to appropriate 2.0 c.f.s. of underground water for irrigation purposes. The point of diversion is within the SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 1, T.15S., R.66E., M.D.B.&M., and the place of use is 200 acres within the NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 7, NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 8, of T.15S., R.67E., and the SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 1, NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 12, SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 1, T.15S., R.66E., M.D.B.&M.

Application 37380 was filed by Francis Fillerup on March 30, 1979 to appropriate 5.4 c.f.s. of underground water for irrigation purposes. The point of diversion is within the NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 14, T.15S., R.67E., M.D.B.&M., and the place of use is 320 acres within the S $\frac{1}{2}$  of said Section 14.

Application 37385 was filed by Raymond C. Whitaker on March 30, 1979 to appropriate 5.4 c.f.s. of underground water for irrigation purposes. The point of diversion is within the NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 14, T.15S., R.67E., M.D.B.&M., and the place of use is 320 acres within the N $\frac{1}{2}$  of said Section 14.

Application 37386 was filed by Lee J. Wittwer on March 30, 1979 to appropriate 6.0 c.f.s. of underground water for irrigation purposes. The point of diversion is within the NE $\frac{1}{4}$  NW $\frac{1}{4}$  of Section 6, T.16S., R.68E., M.D.B.&M., and the place of use is 320 acres within the W $\frac{1}{2}$  of said Section 6.

Application 37564 was filed by Rodney D. Woodbury on April 2, 1979 to appropriate 5.4 c.f.s. of underground water for irrigation purposes. The point of diversion is within the NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 13, T.15S., R.67E., M.D.B.&M., and the place of use is 320 acres within the W $\frac{1}{2}$  of said Section 13.

Application 37698 was filed by Suzanne Anderson on April 5, 1979 to appropriate 5.4 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 11, T.15S., R.67E., M.D.B.&M., and the place of use is 320 acres within the NE $\frac{1}{4}$  Section 11 and NW $\frac{1}{4}$  Section 12, T.15S., R.67E., M.D.B.&M.

Application 37699 was filed by Harold Anderson on April 5, 1979 to appropriate 5.4 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 12, T.15S., R.67E., M.D.B.&M., and the place of use is 320 acres within the S $\frac{1}{2}$  of said Section 12.

Application 37700 was filed by Margaret Henstra on April 5, 1979 to appropriate 5.4 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 2, T.15S., R.67E., M.D.B.&M., and the place of use is 320 acres within the W $\frac{1}{2}$  of said Section 2.

Application 37701 was filed by Ned Henstra on April 5, 1979 to appropriate 5.4 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the NW $\frac{1}{4}$  SE $\frac{1}{4}$  of Section 2, T.15S., R.67E., M.D.B.&M., and the place of use is 320 acres within the E $\frac{1}{2}$  of Section 2, T.15S., R.67E., M.D.B.&M.

Application 37702 was filed by Vernon B. Montierth on April 5, 1979 to appropriate 5.4 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the SE $\frac{1}{4}$  SW $\frac{1}{4}$  of Section 14, T.15S., R.67E., M.D.B.&M., and the place of use is 320 acres within the S $\frac{1}{2}$  of Section 14, T.15S., R.67E., M.D.B.&M.

Application 37703 was filed by Burton Anderson on April 5, 1979 to appropriate 5.4 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the SE $\frac{1}{4}$  NE $\frac{1}{4}$  of Section 14, T.15S., R.67E., M.D.B.&M., and the place of use is 320 acres within the N $\frac{1}{2}$  of Section 14, T.15S., R.67E., M.D.B.&M.

Application 37704 was filed by Ruth B. Anderson on April 5, 1979 to appropriate 5.4 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the NW $\frac{1}{4}$  SW $\frac{1}{4}$  of Section 13, T.15S., R.67E., M.D.B.&M., and the place of use is 320 acres within the W $\frac{1}{2}$  of Section 13, T.15S., R.67E., M.D.B.&M.

Application 37705 was filed by Alvin B. Anderson on April 5, 1979 to appropriate 5.4 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the SW $\frac{1}{4}$  SE $\frac{1}{4}$  of Section 13, T.15S., R.67E., M.D.B.&M., and the place of use is 320 acres within the E $\frac{1}{2}$  of Section 13, T.15S., R.67E., M.D.B.&M.

Application 37706 was filed by Janice Ence on April 5, 1979 to appropriate 5.4 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the NW $\frac{1}{4}$  SE $\frac{1}{4}$  of Section 1, T.15S., R.67E., M.D.B.&M., and the place of use is 320 acres within the E $\frac{1}{2}$  of Section 1, T.15S., R.67E., M.D.B.&M.

Application 37707 was filed by Jay Ence on April 5, 1979 to appropriate 5.4 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the SE $\frac{1}{4}$  NW $\frac{1}{4}$  of Section 1, T.15S., R.67E., M.D.B.&M., and the place of use is 320 acres within the W $\frac{1}{2}$  of Section 1, T.15S., R.67E., M.D.B.&M.

Application 37880 was filed by Melvin K. Marshall on April 11, 1979 to appropriate 5.4 c.f.s. of underground water for irrigation purposes. The point of diversion is within the NW $\frac{1}{4}$  NW $\frac{1}{4}$  of Section 9, T.15S., R.67E., M.D.B.&M., and the place of use is 300 acres within Sections 9, 10, and 15, T.15S., R.67E., M.D.B.&M.

Application 37881 was filed by Fred C. Hass on April 11, 1979 to appropriate 5.4 c.f.s. of underground water for irrigation purposes. The point of diversion is within the NW $\frac{1}{4}$  SE $\frac{1}{4}$  of Section 14, T.15S., R.67E., M.D.B.&M., and the place of use is 240 acres within Sections 4, 9, and 14, T.15S., R.67E., M.D.B.&M.

Application 37882 was filed by Carl R. Woodbury on April 11, 1979 to appropriate 5.4 c.f.s. of underground water for irrigation purposes. The point of diversion is within the NE $\frac{1}{4}$  NE $\frac{1}{4}$  of Section 6, T.16S., R.68E., M.D.B.&M., and the place of use is 320 acres within the E $\frac{1}{2}$  of Section 6, T.16S., R.68E., M.D.B.&M.

Application 37993 was filed by Joan Anderson on April 23, 1979 to appropriate 5.4 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the SW $\frac{1}{4}$  SW $\frac{1}{4}$  of Section 11, T.15S., R.67E., M.D.B.&M., and the place of use is 320 acres within the S $\frac{1}{2}$  of Section 11, T.15S., R.67E., M.D.B.&M.

Application 38665 was filed by Calvin Q. Morrison, Jr. on July 25, 1979 to appropriate 6.0 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the NE $\frac{1}{4}$  SW $\frac{1}{4}$  of Section 14, T.15S., R.67E., M.D.B.&M., and the place of use is 320 acres within Sections 14 and 22, T.15S., R.67E., M.D.B.&M.

Application 38666 was filed by Elsie L. Davies on July 25, 1979 to appropriate 6.0 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the NE $\frac{1}{4}$  NW $\frac{1}{4}$  of Section 15, T.15S., R.67E., M.D.B.&M., and the place of use is 320 acres within Sections 14 and 15, T.15S., R.67E., M.D.B.&M.

Application 38667 was filed by Norma K. Cleveland on July 25, 1979 to appropriate 1.0 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the SE $\frac{1}{4}$  NW $\frac{1}{4}$  of Section 34, T.15S., R.67E., M.D.B.&M., and the place of use is 40 acres within the SE $\frac{1}{4}$  NW $\frac{1}{4}$  of Section 34, T.15S., R.67E., M.D.B.&M.

Application 38668 was filed by Norma K. Cleveland on July 25, 1979 to appropriate 1.5 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the SE $\frac{1}{4}$  SE $\frac{1}{4}$  of Section 36, T.15S., R.67E., M.D.B.&M., and the place of use is 80 acres within the SE $\frac{1}{4}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  of Section 36, T.15S., R.67E., M.D.B.&M.

Application 38669 was filed by Norma K. Cleveland on July 25, 1979 to appropriate 1.0 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the NE $\frac{1}{4}$  SE $\frac{1}{4}$  of Section 35, T.15S., R.67E., M.D.B.&M., and the place of use is 40 acres within the NE $\frac{1}{4}$  SE $\frac{1}{4}$  of Section 35, T.15S., R.67E., M.D.B.&M.

Application 38670 was filed by Norma K. Cleveland on July 25, 1979 to appropriate 3.0 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the NW $\frac{1}{4}$  NW $\frac{1}{4}$  of Section 7, T.16S., R.68E., M.D.B.&M., and the place of use is 160 acres within the NW $\frac{1}{4}$  of Section 7, T.16S., R.68E., M.D.B.&M.

Application 38675 was filed by John M. DiBella on July 25, 1979 to appropriate 6.0 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the NE $\frac{1}{4}$  NE $\frac{1}{4}$  of Section 23, T.15S., R.67E., M.D.B.&M., and the place of use is 240 acres within the NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  of Section 23, T.15S., R.67E., M.D.B.&M.

Application 38676 was filed by Susan E. DiBella on July 25, 1979 to appropriate 6.0 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the NE $\frac{1}{4}$  NE $\frac{1}{4}$  of Section 26, T.15S., R.67E., M.D.B.&M., and the place of use is 280 acres within Sections 23 and 26 T.15S., R.67E., M.D.B.&M.

Application 38678 was filed by John W. Batdorf on July 25, 1979 to appropriate 6.0 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the SW $\frac{1}{4}$  SW $\frac{1}{4}$  of Section 31, T.15S., R.68E., M.D.B.&M., and the place of use is 320 acres within the S $\frac{1}{2}$  of Section 31, T.15S., R.68E., M.D.B.&M.

Application 38679 was filed by Norma K. Cleveland on July 25, 1979 to appropriate 6.0 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the NE $\frac{1}{4}$  NE $\frac{1}{4}$  of Section 6, T.16S., R.68E., M.D.B.&M., and the place of use is 240 acres within the NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  of Section 6, T.16S., R.68E., M.D.B.&M.

Application 38681 was filed by Calvin Q. Morrison on July 25, 1979 to appropriate 6.0 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the SE $\frac{1}{4}$  SE $\frac{1}{4}$  of Section 6, T.16S., R.68E., M.D.B.&M., and the place of use is 320 acres within Sections 6 and 7, T.16S., R.68E., M.D.B.&M.

Application 40259 was filed by Fred C. Hass, Jr. on January 7, 1980 to appropriate 2.0 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the NE $\frac{1}{4}$  NE $\frac{1}{4}$  of Section 9, T.15S., R.67E., M.D.B.&M., and the place of use is 240 acres within Sections 4, 9, and 14, T.15S., R.67E., M.D.B.&M.

Application 40788 was filed by Calvin Q. Morrison, Jr. on March 3, 1980 to appropriate 6.0 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the NE $\frac{1}{4}$  NE $\frac{1}{4}$  of Section 22, T.15S., R.67E., M.D.B.&M., and the place of use is 320 acres within the SW $\frac{1}{4}$  and E $\frac{1}{2}$  NW $\frac{1}{4}$ , Section 14, and E $\frac{1}{2}$  NE $\frac{1}{4}$  of Section 22, T.15S., R.67E., M.D.B.&M.

Application 40789 was filed by Essie L. Davis on March 3, 1980 to appropriate 6.0 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the NE $\frac{1}{4}$  NE $\frac{1}{4}$  of Section 15, T.15S., R.67E., M.D.B.&M., and the place of use is 320 acres within Sections 14 and 15, T.15S., R.67E., M.D.B.&M.

Application 40790 was filed by Susan E. DiBella on March 3, 1980 to appropriate 6.0 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the NE $\frac{1}{4}$  NE $\frac{1}{4}$  of Section 26, T.15S., R.67E., M.D.B.&M., and the place of use is 280 acres within Sections 23 and 26, T.15S., R.67E., M.D.B.&M.

Application 40793 was filed by John M. DiBella on March 3, 1980 to appropriate 6.0 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the NE $\frac{1}{4}$  NE $\frac{1}{4}$  of Section 23, T.15S., R.67E., M.D.B.&M., and the place of use is 240 acres within the NE $\frac{1}{4}$  and N $\frac{1}{2}$  SE $\frac{1}{4}$  of Section 23, T.15S., R.67E., M.D.B.&M.

Application 40794 was filed by Calvin Q. Morrison on March 3, 1980 to appropriate 6.0 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the SE $\frac{1}{4}$  SE $\frac{1}{4}$  of Section 7, T.16S., R.68E., M.D.B.&M., and the place of use is 320 acres within Sections 6 and 7, T.16S., R.68E., M.D.B.&M.

Application 40795 was filed by Virginia M. DiBella on March 3, 1980 to appropriate 6.0 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the SE $\frac{1}{4}$  SE $\frac{1}{4}$  of Section 14, T.15S., R.67E., M.D.B.&M., and the place of use is 320 acres within the E $\frac{1}{2}$  of Section 14, T.15S., R.67E., M.D.B.&M.

Application 40797 was filed by Norma K. Cleveland on March 3, 1980 to appropriate 6.0 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the SE $\frac{1}{4}$  NE $\frac{1}{4}$  of Section 6, T.16S., R.68E., M.D.B.&M., and the place of use is 240 acres within the NE $\frac{1}{4}$  and N $\frac{1}{2}$  SE $\frac{1}{4}$  of Section 6, T.16S., R.68E., M.D.B.&M.

Application 40969 was filed by Kathy Anne Cleveland on March 28, 1980 to appropriate 6.0 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the SW $\frac{1}{4}$  NW $\frac{1}{4}$  of Section 6, T.16S., R.68E., M.D.B.&M., and the place of use is 320 acres within the W $\frac{1}{2}$  of Section 6, T.16S., R.68E., M.D.B.&M.

Application 40970 was filed by Kathy Anne Cleveland on March 28, 1980 to appropriate 6.0 c.f.s. of underground water for irrigation and domestic purposes. The point of diversion is within the SW $\frac{1}{4}$  SW $\frac{1}{4}$  of Section 6, T.16S., R.68E., M.D.B.&M., and the place of use is 320 acres within the W $\frac{1}{2}$  of Section 6, T.16S., R.68E., M.D.B.&M. 1/

## II

These applications are on lands associated with the Carey Act or the Desert Land Entry Act and as such fall within the priority as specified in NRS 533.357. 2/

## III

By order dated September 16, 1982 the State Engineer designated and described the Lower Moapa Ground Water Basin under the provisions of NRS 534. 3/

IV

It is estimated that an average of 35,000 acre-feet of water flows into the Lower Moapa Valley on an annual basis. Of this quantity less than 50 acre-feet per year originates from precipitation within the basin. 4/ The majority of the water is surface water in the Muddy River, which amounts to 34,000 acre-feet per year. Present surface water rights have been adjudicated to appropriate the Muddy River Flow.

Any consumptive withdrawal in excess of the natural recharge will either deplete the ground water reservoir or cause additional surface water to percolate into the ground water reservoir.

V

Existing certified and permitted ground water rights and surface water rights in the Lower Moapa Valley Ground Water Basin total over 35,000 acre-feet per year. 5/

CONCLUSIONS

I

The State Engineer has jurisdiction of the parties and the subject matter of this action. 6/

II

The State Engineer is prohibited by law from granting a permit where:

- A. There is no unappropriated water at the proposed source, or
- B. The proposed use conflicts with existing rights, or
- C. The proposed use threatens to prove detrimental to the public welfare. 7/

III

If Applications 33160, 34510, 34512, 34513, 34514, 36908, 37271, 37380, 37385, 37386, 37564, 37698, 37699, 37700, 37701, 37702, 37703, 37704, 37705, 37706, 37707, 37880, 37881, 37882, 37993, 38665, 38666, 38667, 38668, 38669, 38670, 38675, 38676, 38678, 38679, 38681, 40259, 40788, 40789, 40790, 40793, 40794, 40795, 40797, 40969, and 40970 are granted, additional land would be irrigated. This would result in additional consumptive use by farm land irrigation. The additional withdrawals and consumption would remove water from the ground water reservoir which would not be replaced resulting in depletion of the ground water reservoir, or would be replaced by infiltrating surface water that would otherwise serve existing rights.

The 46 applications to irrigate 9820 acres would require an appropriation of as much as 49,100 acre-feet of ground water annually.

This additional withdrawal and consumption of underground water for irrigation would, therefore, conflict with existing rights and threaten to prove detrimental to the public welfare.

IV

The Applications which are considered in this ruling have the lowest order of priority under NRS 533.357. The State Engineer is required by this statute to observe the following priority in acting upon irrigation water right Applications in the same basin.

Applications by:

1. An owner of land for use on that land.
2. An owner of land for use on adjacent land for which he intends to file an application under the Carey Act or the Desert Land Entry Act.
3. Any other person whose application is preparatory to proceeding under the Carey Act or the Desert Land Entry Act.

RULING

Applications 33160, 34510, 34512, 34513, 34514, 36908, 37271, 37380, 37385, 37386, 37564, 37698, 37699, 37700, 37701, 37702, 37703, 37704, 37705, 37706, 37707, 37880, 37881, 37882, 37993, 38665, 38666, 38667, 38668, 38669, 38670, 38675, 38676, 38678, 38679, 38681, 40259, 40788, 40789, 40790, 40793, 40794, 40795, 40797, 40969, and 40970 are denied on the grounds that this appropriation of underground water for irrigation would tend to impair the value of existing rights and would be detrimental to the public interest and welfare within the Lower Moapa Valley Ground Water Basin.

Respectfully submitted,



Peter G. Morros, P.E.  
STATE ENGINEER

PGM/GB/bt

DATED this 16th day of

SEPTEMBER, 1982.

FOOTNOTES

1. Public records in the office of the State Engineer.
2. NRS 533.357 Subsection 3.
3. Public records in the office of the State Engineer.
4. Water Resources-Reconnaissance Series, Report 50, page 41.
5. Public records in the office of the State Engineer.
6. NRS 533.025 and NRS 533.030, subsection 1.
7. NRS 533.370, subsection 4.