

IN THE MATTER OF APPLICATION 26024)
FILED ON MARCH 31, 1971, BY RAY A.)
AND MARY E. MILLS TO APPROPRIATE)
WATER FROM AN UNDERGROUND SOURCE IN)
GRASS VALLEY, HUMBOLDT COUNTY, NEVADA.)

R U L I N G

GENERAL:

Application 26024 was filed on March 31, 1971, by Ray A. and Mary E. Mills to appropriate 3.0 c.f.s. of water from an underground source for irrigation (80 acres) purposes. The proposed point of diversion is described as within the NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 13, T.35N., R.37E., M.D.B.&M. The proposed place of use is 80 acres within the N $\frac{1}{2}$ NE $\frac{1}{4}$ Section 13, T.35N., R.37E., M.D.B.&M.

Ground Water Resources, Reconnaissance Series Report 29, published by the Nevada Department of Conservation and Natural Resources and the U. S. Geological Survey estimates the ground water recharge to be 13,000 acre-feet annually. It is also estimated that an underflow of 6,000 acre-feet is discharged from the basin annually and contributes to the surface flow of the Humboldt River required to satisfy existing water rights of downstream appropriations. A net recharge of 7,000 acre-feet annually remains in the Grass Valley basin.

Existing water rights to appropriate ground water within the Grass Valley Basin total 36,950 acre-feet as of March 30, 1972.

OPINION

It is the opinion of this office that the granting of additional rights to appropriate ground water for irrigation within a basin which is over appropriated would adversely affect existing rights.

RULING

Application 26024 is herewith denied on the grounds that there is no unappropriated water in the ground water basin, and that the granting of this permit would adversely affect prior existing rights.

Respectfully submitted,


Roland D. Westergard
State Engineer

RDW:WEM:jw

Dated this 24th day of
April, 1972.