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STATE OF NEVADA

PETER G. MORROS  
Director

R. MICHAEL TURNIPSEED, P.E.  
State Engineer



DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES  
DIVISION OF WATER RESOURCES

Capitol Complex  
123 W. Nye Lane

RE: 29973, 32954

Carson City, Nevada 89710  
(702) 687-4380

July 6, 1994

William Isaeff, Chief  
Deputy City Attorney  
Cities of Reno and Sparks  
P. O. Box 1900  
Reno, Nevada 89505

Dear Mr. Isaeff:

I am prepared to take action on Primary Applications 29973 and 32954, however, before I issue any secondary permits under those two primary applications, the following calculations must be made in order to determine the amount of water in the surface water component versus the amount of water in the groundwater component.

The initial number for calculation purposes will be the "demand" listed by Sierra Pacific Power Company as the amount of water committed to existing uses plus commitments to services being built. From that figure, the percentage of Sierra Pacific Power Company's service area that is not sewered must be subtracted. From that result, one must subtract commitments to any out of basin uses that are not sewered back to the joint wastewater treatment plant, such as Stead and the Silver Lake Water Company. The result of that subtraction will yield a total number of water services in the Reno/Sparks area that are also sewered yielding effluent to the wastewater treatment plant. That number then should be split by the fraction of surface water and groundwater as a percentage to the total demand based on a long term average. That split will yield two numbers; one of which is the surface water fraction of the service area demand that is sewered and one which is the groundwater fraction that is sewered in the service area.

Next, we must take each of these final numbers and compute the fraction of sewage to total deliveries based on historical metered flows at the wastewater treatment plant versus metered flows on the demand side to determine the amount of effluent available for secondary use under each of the categories of surface water component and groundwater component.

EXHIBIT

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A map must accompany the secondary application showing the proposed place of use of the effluent along with a notation as to what Truckee River Claim or portion thereof, is being replaced. Eventually a change application must be filed on that Truckee River water right, changing the manner of use to storage and/or instream flow; the place of use from Stampede Dam to Pyramid Lake and the point of diversion to Stampede Dam.

I realize that this is somewhat complicated, however, as we discussed in my office on July 5, 1994, it is important to meet the terms of the agreement entered into by the Cities of Reno/Sparks, Washoe County, Pyramid Lake Paiute Tribe and Sierra Pacific Power Company as well as protecting downstream users below Vista including, but not limited to the Truckee-Carson Irrigation District.

If you have any questions, please feel free to contact me.

Sincerely,

  
R. MICHAEL TURNIPSEED, P.E.  
State Engineer

RMT:vjw