TO: Water Rights Section

Sept. 29 1997

Groundwater/Hydrology Section Michel Zwart Reviewer's Name FROM:

Application G-14607 SUBJECT:

## GROUNDWATER/SURFACE WATER CONSIDERATIONS

- PER THE \_\_\_\_\_\_ Basin rules, one or more of the proposed POA's is/is not within feet/mile of a surface water source (\_\_\_\_\_) and taps a groundwater source hydraulically connected to the surface water.
- BASED UPON 0AR 690-09 currently in effect. I have determined that the proposed groundwater use 2. have the potential for substantial interference with the nearest
  - a.\_\_\_will, or b.\_\_\_will not
  - b.\_\_\_will not surface water source, namely \_\_\_\_\_; or c. X will if properly conditioned, adequately protect the surface water from interference:
    - i.  $\times$  The permit should contain condition  $\#(s) \neq B$ ;
      - ii.\_\_\_\_The permit should contain special condition(s) as indicated in "Remarks" below;
    - iii. The permit should be conditioned as indicated in item 4 below; or
  - will, with well reconstruction, adequately protect the surface from substantial interference. d.

## GROUNDWATER AVAILABILITY CONSIDERATIONS

BASED UPON available data, I have determined that groundwater for the proposed use

- a.\_\_\_will, or b.\_\_\_will not likely be available in the amounts requested without injury to prior rights and/or within the capacity of the resource; or
- $c \times w$ ill if properly conditioned, avoid injury to existing rights or to the groundwater resource: Lx The permit should contain condition #(s) 7 C;
  - ii.\_\_\_\_The permit should contain special condition(s) as indicated in "Remarks" below;
  - iii.\_\_\_\_The permit should be conditioned as indicated in item 4 below; or
- a. THE PERMIT should allow groundwater production from no deeper than\_\_\_\_\_ft. below 4. land surface:
  - b.\_\_\_\_The permit should allow groundwater production from no shallower than\_\_\_\_ft. below land surface;
  - c.\_\_\_The permit should allow groundwater production only from the\_\_ groundwater reservoir between approximately \_\_\_\_\_ft. and \_\_\_\_\_ft. below land surface;
  - d.\_\_\_Well reconstruction is necessary to accomplish one or more of the above conditions.
  - e.\_\_\_One or more POA's commingle 2 or more sources of water. The applicant must select one source of water per POA and specify the proportion of water to be produced from each source.

REMARKS:\_\_\_\_

(Well Construction Considerations on Reverse Side)

Water Resources Department

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MEMO	September 29, 1997
то	Application G-14607 GW: Michael Zwart
FROM	GW: Michael Zwart (Reviewer's Name)
SUBJECT	Scenic Waterway Interference Evaluation
□ Yes ☑ No	The source of appropriation is within or above a Scenic Waterway.
Yes	Use the Scenic Waterway condition (Condition 7J).

PREPONDERANCE OF EVIDENCE FINDING: (Check box only if statement is true)

At this time the Department is unable to find that there is a preponderance of evidence that the proposed use of ground water will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife.

FLOW REDUCTION: (To be filled out only if <u>Preponderance of Evidence</u> box is not checked)

Exercise of this permit is calculated to reduce monthly flows in Scenic Waterway by the following amounts expressed as a proportion of the consumptive use by which surface water flow is reduced.

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N ov	Dec