TO:	Water Rights Section			October 2	199 6.
FROM:	Groundwater/Hydrology	Section_	Michael	Zwa-t wer's Name	······
SUBJECT:	Application G-14319		Revie	ewer 5 Trame	

GROUNDWATER/SURFACE WATER CONSIDERATIONS

- PER THE _____ Basin rules, one or more of the proposed POA's is/is not within 1. 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 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) 7B;

- 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
 - likely be available in the amounts requested without injury to prior rights a. will, or b.___will not and/or within the capacity of the resource; or

c. X will if properly conditioned, avoid injury to existing rights or to the groundwater resource: i. \angle The permit should contain condition $\#(s) \neq E$;

- 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)

WELL CONSTRUCTION (If more than one well doesn't meet standards, attach an additional sheet.)

5.	THE WELL which is the point of appropriation for this application does not meet current well construction standards based upon:
	areview of the well log;
	b
	creport of CWRE;
	dother: (specify)
~	
6.	THE WELL construction deficiency: a. constitutes a health threat under Division 200 rules;
	bcommingles water from more than one groundwater reservoir;
	cpermits the loss of artesian head;
	dpermits the de-watering of one or more groundwater reservoirs; eother: (specify)
-	
7.	THE WELL construction deficiency is described as follows:
	bwas not original construction or most recent modification. cI don't know if it met standards at the time of construction.
REC	COMMENDATION:
A	I recommend including the following condition in the permit: "No water may be appropriated under terms of this permit until the well(s) has been repaired to conform to current well construction standards and proof of such repair is filed with the
B	Enforcement Section of the Water Resources Department." I recommend withholding issuance of the permit until evidence of well reconstruction is filed
	with the Enforcement Section of the Water Resources Department.
C	REFER this review to Enforcement Section for concurrence.
	THIS SECTION TO BE COMPLETED BY ENFORCEMENT PERSONNEL
Ια	oncur in G/H's recommendation A or B above relating to conditioning or withholding the permit
	(Signature)
	o not concur in G/H's recommendation A or B above relating to conditioning or withholding the rmit for the following reasons:

(Signature)

, 199__.

Water Resources Department

October 2, 1996

MEMO

то	Application G- <u>14319</u>						
FROM	GW: Michael Zwant						
(Reviewer's Name)							

SUBJECT Scenic Waterway Interference Evaluation



The source of appropriation is within or above a Scenic Waterway.



No

Use the Scenic Waterway condition (Condition 7J).

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

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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	Nov	Dec