

Water Resources Department

MEMO

January 4, 1996

TO Application G- 14031

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  
 No 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 Preponderance of Evidence 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

G 14031

**STATE OF OREGON  
WATER RESOURCES DEPARTMENT**

**INTEROFFICE MEMO**

To: FILE

Date: January 4, 1996

From: MICHAEL ZWART

Subject: APPLICATION G-14031, ALBERT L. & DONNA M. OSMIN

This application proposes to use 2.30 cfs of groundwater for irrigation from a well. The application indicates the well is likely already constructed, but no well log is available in our files which appears to match it. In any case, as it is described, the well produces (or would produce) water from a confined aquifer developed in basalt of the Columbia River Basalt Group. The distance to the nearest point of Willow Creek is about 1650 feet. The basalt aquifer is not locally in hydraulic connection with the creek. As long as the well is properly constructed, there is no potential for substantial interference with surface water sources.

Based on language in the Umatilla Basin rules, the City of Heppner should be informed about, and may be able to comment on, the proposed use of water. The applicant's well is within a five-mile radius of one of the city's wells and there is no documented barrier to groundwater flow between them.

Permit condition 7B is recommended.

TO: Water Rights Section January 4, 1996  
FROM: Groundwater/Hydrology Section Michael Zwart  
SUBJECT: Application G- 14031 Reviewer's Name

GROUNDWATER/SURFACE WATER CONSIDERATIONS

- 1. 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.
  
- 2. BASED UPON OAR 690-09 currently in effect, I have determined that the proposed groundwater use
  - a. \_\_\_ will, or \_\_\_\_\_ have the potential for substantial interference with the nearest
  - b.  will not surface water source, namely Willow Creek; or
  - c. \_\_\_ will if properly conditioned, adequately protect the surface water from interference:
    - i. \_\_\_ The permit should contain condition #(s) \_\_\_\_\_;
    - 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
  - d. \_\_\_ will, with well reconstruction, adequately protect the surface from substantial interference.

GROUNDWATER AVAILABILITY CONSIDERATIONS

- 3. BASED UPON available data, I have determined that groundwater for the proposed use
  - a. \_\_\_ will, or \_\_\_\_\_ likely be available in the amounts requested without injury to prior rights
  - b. \_\_\_ will not and/or within the capacity of the resource; or
  - c.  will if properly conditioned, avoid injury to existing rights or to the groundwater resource:
    - i.  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
  
- 4.
  - a. \_\_\_ THE PERMIT should allow groundwater production from no deeper than \_\_\_\_\_ ft. below 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:
- a. \_\_\_ review of the well log;
  - b. \_\_\_ field inspection by \_\_\_\_\_;
  - c. \_\_\_ report of CWRE \_\_\_\_\_;
  - d. \_\_\_ other: (specify) \_\_\_\_\_
6. THE WELL construction deficiency:
- a. \_\_\_ constitutes a health threat under Division 200 rules;
  - b. \_\_\_ commingles water from more than one groundwater reservoir;
  - c. \_\_\_ permits the loss of artesian head;
  - d. \_\_\_ permits the de-watering of one or more groundwater reservoirs;
  - e. \_\_\_ other: (specify) \_\_\_\_\_
7. THE WELL construction deficiency is described as follows: \_\_\_\_\_
8. THE WELL a. \_\_\_ was, or constructed according to the standards in effect at the time of  
b. \_\_\_ was not original construction or most recent modification.  
c. \_\_\_ I don't know if it met standards at the time of construction.

---

---

RECOMMENDATION:

- 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 Enforcement Section of the Water Resources Department."
- B. \_\_\_ 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

I concur in G/H's recommendation A or B above relating to conditioning or withholding the permit

\_\_\_\_\_, 199\_\_.  
(Signature)

I do not concur in G/H's recommendation A or B above relating to conditioning or withholding the permit for the following reasons: \_\_\_\_\_

\_\_\_\_\_, 199\_\_.  
(Signature)

**Water Right Conditions  
Tracking Slip**

*Groundwater/Hydrology Section*

FILE # G-14031

ROUTED TO: Water Rights

TOWNSHIP/

RANGE-SECTION: T2S/R26E-7

CONDITIONS ATTACHED? []yes []no

REMARKS OR FURTHER INSTRUCTIONS:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Reviewer: Michael Zwart

~~G-14031~~