

STATE OF OREGON
WATER RESOURCES DEPARTMENT

INTEROFFICE MEMO

To: FILE

Date: December 18, 1995

From: MICHAEL ZWART *MZ*

Subject: APPLICATION G-14194, CITY OF MT. VERNON

This application proposes to use 300 gpm from up to three wells (A, B, & C) for municipal use. The wells are not yet constructed. Their proposed locations are about 1350, 2400, and 3000 feet from the John Day River. The wells are proposed to be up to 250 feet in depth. The city plans to cancel permit G-11816 (App. G-13167) upon approval of this application.

Doug Woodcock reviewed the earlier application (G-13167). He proposed a special permit condition which I believe to be appropriate for this application as well. That condition reads as follows:

The well(s) for this use shall be developed to produce water from a confined aquifer in a consolidated formation and constructed in a manner to effectively seal off any shallow groundwater which may be in direct hydraulic connection with the John Day River. The well(s) shall be set back a minimum of 500 feet from the John Day River or any surface water bodies hydraulically connected to the John Day River.

In addition to this special condition, I recommend the use of permit conditions 7A and 7J.

G 14194

TO: Water Rights Section December 18, 1995
FROM: Groundwater/Hydrology Section Michael Zwart
SUBJECT: Application G-14194 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 John Day River; 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) 7A/7E;
 - 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: Special Condition language as shown in attached memo to file.

(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)

INTEROFFICE MEMORANDUM
Water Rights Section

TO: Fred

FROM: Dwight French, x268

DATE: November 27, 1995

RE: G14194

Please have someone from your staff do the appropriate reviews on this file. The City of Mt. Vernon could have their drought permit recinded any time and so Mike Ladd has asked water rights to process this app. ASAP.

There may have been some Div. 9 reviews done on one or more of these well once before.

Thanks.

**Water Right Conditions
Tracking Slip**

Groundwater/Hydrology Section

FILE ## G-14/94

ROUTED TO: Water Rights

TOWNSHIP/

RANGE-SECTION: 13S/30E - 21+28

CONDITIONS ATTACHED? []yes []no

REMARKS OR FURTHER INSTRUCTIONS:

Note special permit condition
proposed

Reviewer: Michael Zwart