

TO: Water Rights Section

January 24, 1996

FROM: Groundwater/Hydrology Section Michael Zwart

Reviewer's Name

SUBJECT: Application G- 13051

**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 \_\_\_\_\_; or
  - c.  will if properly conditioned, adequately protect the surface water from interference:
    - i.  The permit should contain condition #(s) 7J;
    - 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)

13051

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.

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**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.

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**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)



**STATE OF OREGON  
WATER RESOURCES DEPARTMENT**

**INTEROFFICE MEMO**

To: FILE

Date: January 24, 1996

From: MICHAEL ZWART

Subject: APPLICATION G-13051, JONNIE L. AND FRED JUSTESEN

This application was originally partially reviewed per the Division 9 rules by Jan Koehler. She suspended her review due to the lack of a water well report which could verify the construction of the existing well described in the application. There is no evidence in the file that the applicant was contacted to try to obtain the information she wanted.

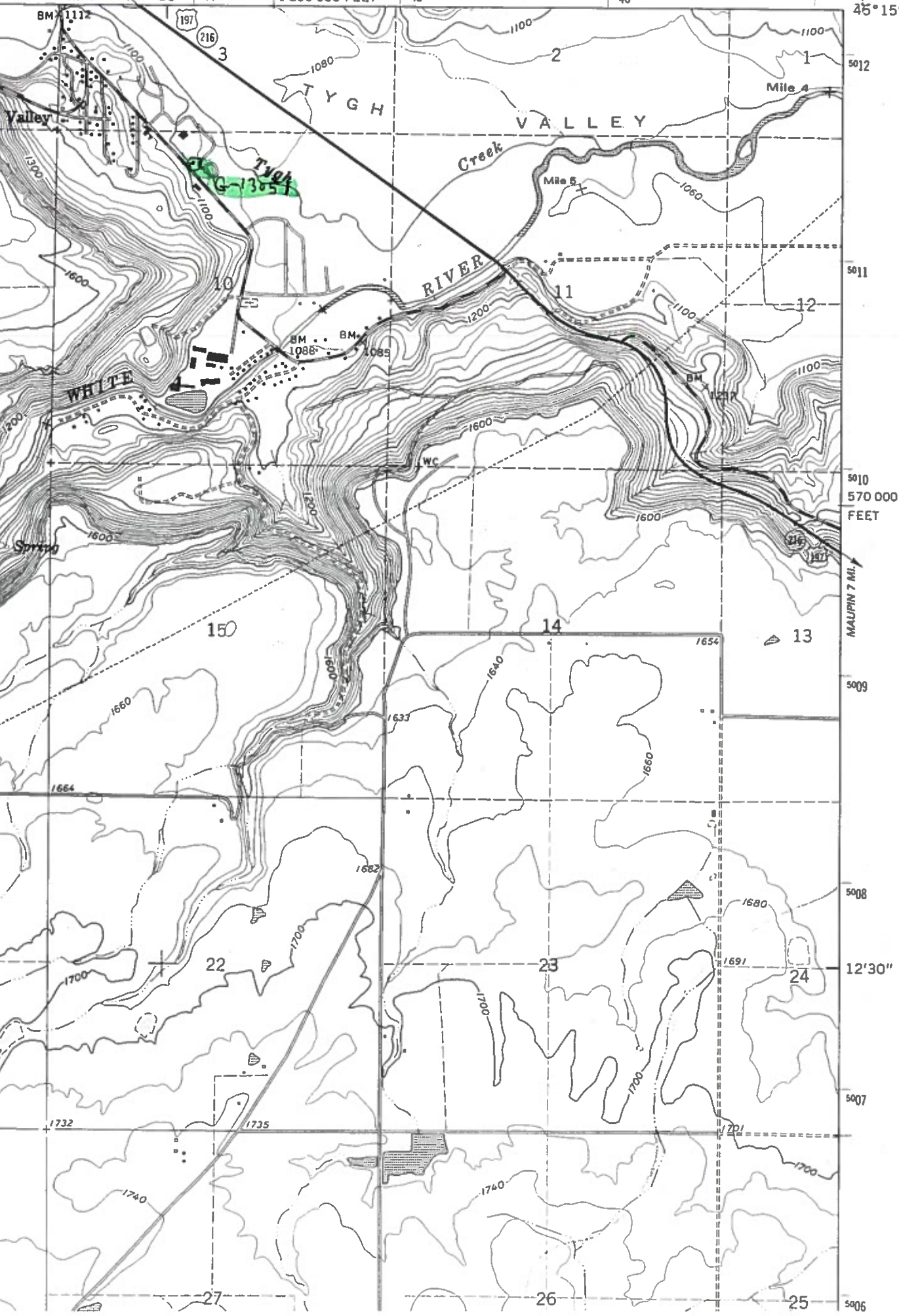
The Wasco County well log files contain a fair number of logs for wells in the vicinity. Review of these logs indicates that some wells penetrate sand and gravel aquifers which are unconfined. Most of these wells have static water levels of 10 to 20 feet. Other wells produce water from consolidated formations developed in confined aquifers. Most of these wells have static water levels greater than 30 feet. Based on the well location and its construction and water level as described in the application, I am willing to presume that the well produces from a confined aquifer. This aquifer is not in hydraulic connection with the nearby reaches of Tygh Creek or the White River.

I recommend permit conditions 7B and 7J.

7.5 MINUTE SERIES (TOPOGRAPHIC)

38900  
45° 15'

THE DALLES 32 MI.  
DUFUR 16 MI.



5010  
570 000  
FEET

MAUPIN 7 MI.

12'30"

5007

5006