

Water Right Conditions Tracking Slip

Groundwater/Hydrology Section

FILE # G-15461

ROUTED TO: WR

TOWNSHIP/

RANGE-SECTION: 5S/4W-13

CONDITIONS ATTACHED? yes () no

REMARKS OR FURTHER INSTRUCTIONS:

Reviewer: D. Mall

TO: Water Rights Section

May 31, 2001

FROM: Groundwater/Hydrology Section Don Miller
Reviewer's Name

SUBJECT: Application G- 15461

GROUNDWATER/SURFACE WATER CONSIDERATIONS

PER THE Willamette Basin rules, one or more of the proposed POA's ~~is~~ ^{is} not within 1/4 mile of a surface water source () and taps a groundwater source hydraulically connected to the surface water.

- 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) _____;
 - 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

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) 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
- 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;
- 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)

Application No. 815461
Permit No.

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. X other: (specify) My examination of the log and the incredible basalt hydrology that it purports.

6. THE WELL construction deficiency:

- a. ___ constitutes a health threat under Division 200 rules;
- b. X 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: I challenge the accuracy of the 3 water-bearing zones all possessing the same head while separated by hard basalt layers.

reference the following UAWH reports 4000, 6962, 7924, 50297, 50296, 50306, 51347

8. THE WELL a. ___ was, or constructed according to the standards in effect at the time of original construction or most recent modification.
 b. X was not
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. X 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:

ISSU. a conditioned permit per Mike McLeod
Memo dated 7/26/01

_____, 199_____
(Signature)