

Joye 01/24/13

TO: Water Rights Section

9/11, 1991

FROM: Groundwater/Hydrology Section

Meyer
Reviewer's Name

SUBJECT: Application G- 12618

1. PER THE Klamath Basin rules, one or more of the proposed POA's is within _____ mile of a surface water source and taps a groundwater source hydraulically connected to the surface water.

N/A

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 surface water
b. will not } source, namely Johnny Lake; 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 water from substantial interference.

3. BASED UPON available data, I have determined that groundwater for the proposed use
a. _____ will, or }
b. _____ will not } likely be available in the amounts requested without injury to prior rights; or
c. _____ can, if properly conditioned, avoid injury to existing rights or to the groundwater resource;
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.

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.

81921-9

ignore

REMARKS:

STATE OF OREGON
WATER RESOURCES DEPARTMENT

INTEROFFICE MEMO

TO: FILE G-12618
FROM: SARAH C MEYER
SUBJECT: SURFACE/GROUND WATER CONSIDERATIONS

DATE: 9/11 -91

The applicant seeks 7000 gpm from a well for agriculture use on 955 acres
Per Division 9 ~~7000 gpm~~ T385/R111/2 E Sec 24

FACTS

The well locations and aquifer display the following:

- 1) The well is located ^{1200'} 3000' from Johnny Lake Buck Creek
- 2) The well is 984' deep and develops water from ROCK layers. The well log is in the file. 40 foot casing
- 3) The static water level for the well from the log was ? feet on ? WL = 32.70' on 4-21-70
- 4) The approximate elevation at the well is ~~4150'~~ 4146 feet.
- 5) The nearby stream reach elevation is about 4140' 4135' feet.
- 6) GWR #21 describes groundwater conditions in the area of the application.
- 7) A pump test on the well produced — gpm with — feet of drawdown after — hours.

CONCLUSIONS

- 1) The head at the well is about 4113 ', indicating a lower standing than the nearby stream reach.
- 2) The well develops water from YONIVA FORMATION
- 3) Based on requested rate, heads, distances, general geologic environment and logged materials, I conclude that the alluvial aquifer is ≤ confined, — hydraulically connected to the above mentioned river and — the potential to cause substantial interference.

{ no well log. (drilling now)
no permit draft.

✓ all info was was
GWR #21

24cdc Haskin + Co 1949
observation well

984'

open hole

~~984~~
4146
33
4113

**Water Right Conditions
Tracking Slip**

Groundwater/Hydrology Section

FILE # G-12618

ROUTED TO: Water Rights

TOWNSHIP/

RANGE-SECTION: T38S/R11.5E-24

CONDITIONS ATTACHED? yes no

REMARKS OR FURTHER INSTRUCTIONS:

Recommend condition 7B

Reviewer: Michael Zwart