

MEMO

March 21, 1996

FROM GW: Donna Miller
(Reviewer's Name)

SUBJECT Scenic Waterway Interference Evaluation

☒ Yes

The source of appropriation is within or above a Scenic Waterway.

☐ No☒ Yes

Use the Scenic Waterway condition (Condition 7J).

☐ No

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.

[illegible]

TO: Water Rights Section

12/15, 1994

FROM: Groundwater/Hydrology Section DONN MILLER

Reviewer's Name

SUBJECT: Application G- 13722

GROUNDWATER/SURFACE WATER CONSIDERATIONS

1. PER THE Willamette Basin rules, one or more of the proposed POA's is/is not within 1/4 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) ;
 - 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) 4I ;
 - 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 200ft 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 RESOURCES DEPARTMENT MEMORANDUM

TO: Groundwater/Hydrology Files

Date 12/15/94

FROM: Dann Miller

SUBJECT: Groundwater Application G- 13722

Phone: 665-3144

Name: Don Jones

Applicant(s) seek 110 gpm(cfs) from ONE well(s) in the

Willamette basin

Proposed use: Irrigation

Clackamas sub basin

Deep / Tickle sub basin.

Pertinent 7 1/2 - minute quads

Sandy

Well WRD# T 2 S R 4 E S 16 QO aa County CLACK.

Legal Description 970' S 33°00'W, from NE Corner Section 16

Well is ~475' ft from trib. of Tickle CK (river/stream)

Well is ft from (river/stream)

Well elevation 690 ft River/stream elevation 590 ft.

Well elevation - river/stream elevation

Well depth 300'

SWL 199 on 2/15/94

Sealed to 0-30, 105-115

Depth first water found

Cased to 270'

Perforations/screens 230-300

Lined to 261'-300'

Perforations/screens 270-300

Well tests and types 300' 1' dd / 1 hr

bailer test 110 gpm / 3 1/3' dd / 4 hr pump test

Confined or unconfined?

Hydraulically connected? Not within 1/4 mile

Potential to cause substantial interference? NO

per head relationships

Well WRD# T R S QO County

Legal Description

Well is ft from (river/stream)

Well is ft from (river/stream)

Well elevation ft River/stream elevation ft.

Well elevation - river/stream elevation

Well depth

SWL on

Sealed to

Depth first water found

Cased to

Perforations/screens

Lined to

Perforations/screens

Well tests and types

Confined or unconfined?

Hydraulically connected?

Potential to cause substantial interference?

Conditioned water rights in area: Not immediate area

Other nearby water rights of record: surface nearby

Density of nearby wells of record: mod / high

Comments Need to note that aquifers shallower than those developed by well per log cannot be tapped since distance to coast is small.

References used: OWRD GW Rpt #29