Water Resources Department

MEMO November 25, 1996

TO **Application G-** 14329

FROM **GW:** Marc A Norton
(Reviewer's Name)

SUBJECT **Scenic Waterway Interference Evaluation**

☐ Yes
☒ No — The source of appropriation is within or above a Scenic Waterway.

☐ Yes
☒ No — Use the Scenic Waterway condition (Condition 7J).

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.

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

TO: Water Rights Section Nov 25, 1996

FROM: Groundwater/Hydrology Section Marc A Norton
Reviewer's Name

SUBJECT: Application G-14329

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. X will if properly conditioned, adequately protect the surface water from interference:
      i. X The permit should contain condition #(s) _____;
      ii. X The permit should contain special condition(s) as indicated in "Remarks" below;
      iii. X 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. X will if properly conditioned, avoid injury to existing rights or to the groundwater resource:
      i. X 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. X The permit should allow groundwater production from no shallower than 100 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: The well shall be continuously cased and sealed to a minimum of 100 ft. If the material at 100 feet is not clay layers, then the casing and seal should be extended into the next lower clay layer that is at least 5 ft thick.

(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
   b.____was not
   constructed according to the standards in effect at the time of 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 Date Nov 25, 1996
FROM: Marc Norton
SUBJECT: Groundwater Application G- 14329

Applicants(s) seek 351 gpm (0.78 cfs) from one wells in the Willamette basin
Crosby - Irrigation Pudding sub basin
Senecal Ck sub basin

Pertinent 7 1/2 - minute quads Woodburn

Proposed
Well ____ WRD#____ T 4S R 1W S 30 QQADA County Marion
Legal Description ____
Well is 100 ft from Un Named Trib to Senecal (river/stream)
Well is 1600 ft from Senecal Creek (river/stream)
Well Elevation 175 ft River/Stream elevation 165 -145 ft.
Well Elevation - River/Stream elevation 10-30 ft.
Estimated Well depth 250 ft SWL ____ ft on ____
Sealed to ____ ft Depth first water found ____ ft
Cased to ____ ft Perforations/screens ____ ft
Lined to ____ ft Perforations/screens ____ ft
Well test and types ____
(Confined/Semi-confined/Unconfined) Direct hydraulic connection? YES / NO
Potential to cause substantial interference? Minimal @ casing & sealing to 100

Well ____ WRD#____ T____ R____ S____ QQ____ 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 ____ ft.
Well depth ____ ft SWL ____ ft on ____
Sealed to ____ ft Depth first water found ____ ft
Cased to ____ ft Perforations/screens ____ ft
Lined to ____ ft Perforations/screens ____ ft
Well test and types ____
(Confined/Semi-confined/Unconfined) Direct hydraulic connection? YES / NO
Potential to cause substantial interference? ____

Conditioned water rights in area: ____
Other nearby water rights of record: ____
Density of nearby wells: ____

Comments: Case & seal to a minimum of 100 ft

References Used: ____