Approved: 

MEMO

To: Kristopher Byrd, Well Construction Manager

From: Tommy Laird, Well Construction Program Coordinator

Subject: Review of Water Right Application G-19480

Date: June 3, 2025

The attached application was forwarded to the Well Construction Section by the Groundwater Section. James Hootsmans reviewed the application. Please see James' Groundwater Review and the Well Report.

Applicant's Well #1 (YAMH 7079): Based on a review of the Well Report, Well #1 does not appear to comply with current minimum well construction standards (See OAR 690 Division 210). The problem is that according to the Well Report, the steel casing joint was "cemented" together instead of being welded or threaded. Additionally, the well head is indicated as being flush with land surface. In order to meet minimum construction standards, the well casing must be replaced with casing that is properly welded or thread coupled, and the casing must then be resealed. In addition, the well head must be extended so that it is at least one foot above land surface.

My recommendation is that the Department not issue a permit for Well #1 unless it is brought into compliance with current minimum well construction standards or information is provided showing that it is constructed to meet current minimum well construction standards.

The repair of Well #1 may not satisfy hydraulic connection issues.

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the

WATER RESOURCES DEPARTMENT,
SALEM, OREGON 97310
within 30 days from the date of well completion.

WATER WELL REPORT
STATE OF OREGON
(Please type or print)
(Do not write above this line)

7079 State Well No. 5S/4W-22

State Permit No. .....

(1) OWNER:
Name Philip Eichler
Address R1 Box 220 McMinnville Ore

(2) TYPE OF WORK (check):
New Well ☑ Deepening ☐ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:
Rotary ☑ Driven ☐
Cable ☐ Jetted ☐
Dug ☐ Bored ☐

(4) PROPOSED USE (check):
Domestic ☑ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

(5) CASING INSTALLED: Threaded ☐ Welded ☐ Cemited
6 " Diam. from 0 ft. to 35 ft. Gage 250
4 " Diam. from 0 ft. to 290 ft. Gage 160
" Diam. from ..... ft. to ..... ft. Gage .....

(6) PERFORATIONS: Perforated? ☑ Yes ☐ No.
Type of perforator used Saw
Size of perforations 6 in. by 1/8 in.
60 perforations from 250 ft. to 290 ft.
..... perforations from ..... ft. to ..... ft.
..... perforations from ..... ft. to ..... ft.

(7) SCREENS: Well screen installed? ☐ Yes ☑ No
Manufacturer's Name .....
Type ..... Model No. .....
Diam. ..... Slot size ..... Set from ..... ft. to ..... ft.
Diam. ..... Slot size ..... Set from ..... ft. to ..... ft.

(8) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? ☑ Yes ☐ No If yes, by whom? Comp Driller
Yield: 10 gal./min. with 100 ft. drawdown after 1 hrs.
" " " "
" " " "
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water Depth artesian flow encountered ..... ft.

(9) CONSTRUCTION:
Well seal—Material used Cement grout
Well sealed from land surface to 35 ft.
Diameter of well bore to bottom of seal 8 1/2 in.
Diameter of well bore below seal 6 in.
Number of sacks of cement used in well seal 6 sacks
How was cement grout placed? Pumped
Was a drive shoe used? ☐ Yes ☑ No Plugs ..... Size: location ..... ft.
Did any strata contain unusable water? ☐ Yes ☑ No
Type of water? depth of strata
Method of sealing strata off
Was well gravel packed? ☐ Yes ☑ No Size of gravel: .....
Gravel placed from ..... ft. to ..... ft.

(10) LOCATION OF WELL:
County Yamhill Driller's well number 666
NW ¼ ¼ Section 22 T. 5S R. 4W W.M.
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.
Depth at which water was first found 275 ft.
Static level 150 ft. below land surface. Date Sep 26-79
Artesian pressure lbs. per square inch. Date

(12) WELL LOG: Diameter of well below casing 6
Depth drilled 290 ft. Depth of completed well 290 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
Top Soil	0	3	
Brown Clay	3	20	
gray Shale	20	130	
Soft gray Rock	130	150	
gray Shale	150	290	

RECEIVED
OCT 11 1979
WATER RESOURCES DEPT
SALEM, OREGON

Work started Sep 24 19 79 Completed Sep 26 19 79
Date well drilling machine moved off of well Sep 26 19 79

Drilling Machine Operator's Certification:
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
[Signed] Mike Bradshaw (Drilling Machine Operator) Date 10-8, 1979
Drilling Machine Operator's License No. 1273

Water Well Contractor's Certification:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Name BLUE WATER DRILLING CO (Person, firm or corporation) (Type or print)
Address R1 Box 75 Dayton Ore
[Signed] Robert Shilburne (Water Well Contractor)
Contractor's License No. 417 Date Oct 7, 1979

(USE ADDITIONAL SHEETS IF NECESSARY)

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