Approved:

## **MEMO**

**To:** Kristopher Byrd, Well Construction Manager

From: Tommy Laird, Well Construction Program Coordinator

**Subject:** Review of Water Right Application G-19450

**Date:** May 13, 2025

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

Applicant's Well #Well 1 (LINN 13774): 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, not enough seal material was used to seal the well. In order to meet minimum construction standards, the well must be resealed with an approved grout.

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.

Applicant's Well #Well 2 through Applicant's Well #Well 4 (Proposed): Well 2 through Well 4 are proposed wells, therefore they cannot be reviewed for construction. Construction of these proposed wells shall be completed in a manner that protects ground water resources as required under Oregon Administrative Rules 690-200 through 690-240. During construction of these wells, specific attention should be paid to ensure sealing requirements are met and that the wells do not commingle aquifers.

The construction of proposed Well 2 through Well 4 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 V EWATER WELL REPORT

WATER RESOURCES DEPARTMENT,
SALEM, OREGON 97310
within 30 days from the date AUG 1 1 1977

(Please type or print)

State Well No.	145/4W-16
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WATER RESOURCES DEPT. write above this line) of well completion.

State	Well No.		4700	<u> </u>
State	Permit 1	٧o.		

(1) OWNER: SALEM, OREGON	(10) I OCATION OF MELL			
Name Kurt Kaynor	(10) LOCATION OF WELL:			
Address Rt. 1, Box 105, Halsey, Ore. 97348	County Linn Driller's well number			
	34 34 Section 16 T. 14S R. 4W W.M.			
(2) TYPE OF WORK (check):	Bearing and distance from section or subdivision corner			
New Well				
If abandonment, describe material and procedure in Item 12.	(11) YVA MUND Y MYNDY			
(3) TYPE OF WELL: (4) PROPOSED USE (check):	(11) WATER LEVEL: Completed well.			
Rotary C Driven C	Depth at which water was first found 25 ft.			
Cable Jetted Domestic Industrial Municipal Domestic Domes	Static level 13 ft. below land surface. Date 7-20-77			
Dug   Bored   Irrigation   Test Well   Other	Artesian pressure lbs. per square inch. Date			
CASING INSTALLED: Threaded □ Welded K	(12) WELL LOG: Diameter of well below casing			
8				
" Diam. from ft. Gage	Depth drilled 32 ft. Depth of completed well 32 ft.			
". Diam, from ft. to ft. Gage	Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated,			
PERFORATIONS: Performed? VI Var. II No.	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.			
Totaleut Al les [] No.				
Size of perforations ½ in. by 12 in.	Brown Clay O 19			
56 perforations from 22'06" ft. to 30'06" ft.	Brown Clay 0 19 Loose Coarse Gravel 19 29			
perforations from ft. to ft.	Packed Sand & Gravel 29 32			
perforations from ft. to ft.	2401104 24104 64 64 64			
(F) COREERC				
(7) SCREENS: Well screen installed?   Yes Y No				
Manufacturer's Name				
Type				
Diam.       Slot size       Set from       ft. to       ft.         Diam.       Slot size       Set from       ft. to       ft.	32-			
(8) WELL TESTS: Drawdown is amount water level is lowered below static level				
Was a pump test made? The Yes No If yes, by whom?				
eld: gal./min. with ft. drawdown after hrs.				
" " " " "				
" " "				
Bailer test 120 gal./min. with 2 ft. drawdown after 1 hrs.				
tesian flow g.p.m.				
aperature of water Depth artesian flow encountered ft.				
Carried and the state of the st	Work started 7-19 19 77 Completed 7-20 19 77			
(9) CONSTRUCTION:	Date well drilling machine moved off of well 7-20 19 77			
Well seal-Material used Bentonite	Drilling Machine Operator's Certification:			
Well sealed from land surface toft.	This well was constructed under my direct supervision.  Materials used and information reported above are true to my			
Diameter of well bore to bottom of seal	best knowledge and beiter.			
Diameter of well bore below seal	[Signed] Date 20, 1977			
Number of sacks of the ton used in well seal 2 /3 sks sacks	Drilling Machine Operator's License No. 1152			
How was cement grout placed?	Diffing Machine Operator's License No.			
	Water Well Contractor's Certification:			
	This well was drilled under my jurisdiction and this report is			
Was a drive shoe used? 🚣 Yes 🗌 No Plugs Size: location ft.	true to the best of my knowledge and belief.			
Did any strata contain unusable water?   Yes You	Name Merle Warren Well Drilling (Type or print)			
Type of water? depth of strata	Address Rt. 1. Box 84 Tangent, Ore. 97389			
Method of sealing strata off	Market 11 ans			
Was well gravel packed? ☐ Yes M No Size of gravel:	[Signed] (Water Well Contractor)			
Gravel placed fromft. toft.	Contractor's License No. 182 Date 7-20 1977			
The state of the s	Contractor's License No Date 19/			