Approved:

## **MEMO**

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

From: Tommy Laird, Well Construction Program Coordinator

**Subject:** Review of Water Right Application G-19389

**Date:** March 10, 2025

The attached application was forwarded to the Well Construction Section by the Groundwater Section. Stacey Garrison reviewed the application. Please see Stacey's Groundwater Review and the Well Reports.

Applicant's Well #1 (YAMH 5157): Based on a review of the Well Report, Applicant's Well #1 seems to protect the groundwater resource.

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

Applicant's Well #2 and Well #4 (Proposed): Well #2 and 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 and Well #4 may not satisfy hydraulic connection issues.

Applicant's Well #3 (YAMH 5168): Based on a review of the Well Report, Well #3 does not appear to comply with current minimum well construction standards (See OAR 690 Division 210). The problem is that the Well Report indicates the well was not sealed to the proper depth, sealed with an unapproved grout, and the well head is flush with land surface. In order to meet minimum construction standards, the well must be resealed with an approved grout and the well head must be raised so that it is at least one-foot above land surface.

My recommendation is that the Department not issue a permit for Well #3 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 #3 may not satisfy hydraulic connection issues

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## STATE OF OREGON

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Street Address of V	Vell (or nearest address) 5 D		OKOI OR		
(10) STATICE	VATER LEVEL:				
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Signed / (and-	- 1 starfling	<u> </u>	ate 😕	nar I	301

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other

Depth of strata: \_

NOTICE TO WATER WELL CONTAINS THE Original and first control of this report are to be SEP 5 - 1972 FR WELL REPORT

state engineer, salem, Secon 1972 ENGINEER ease type or print) within 30 days from the dealem. OREGON not write above this line)

YAMH	State Well No. 45/3W-3	د د
5/68	State Permit No.	•••••

C2 TYPE OF WORK (check):	·			
Address Depoe Bay, Oregon  (2) TYPE OF WORK (check):  New Well X Deepening   Reconditioning   Abandon   It abandonment, describe material and precedure to item 12.  (3) TYPE OF WELL: (4) PROPOSED USE (check): Cable   Jested   Dementic & Industrial   Municipal   Call   Jested   Dementic & Industrial   Municipal   Call   Jested   Dementic of well below casing   Jested   Dementic of well below casing   Jested   Call   Jested   Jeste				
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(2) TYPE OF WORK (check):  New Well (X Depending   Reconditioning   Abandon   If abandonment, describe material and procedure in item 12.  (3) TYPE OF WELL: (4) PROPOSED USE (check):  Rotary 2 Direct   Depth of William   Depth at within water was first found 100Ft. 1gpm   State lovel 100   The below land surface. Dam AUG. 2   Artesian pressure   Ibs. per square inch. Date   State lovel 100   The below land surface. Dam AUG. 2   Artesian pressure   Ibs. per square inch. Date   Depth of completed well. 2		Bearing and distance from section or subdivis	sion corner	
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J. PERFORATIONS:    Perforator used   Perforated?   Yes   No.				
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Size of perforations   in. by   in.   perforations from   ft. to   ft.   perforations from   ft.	() PERFORATIONS:			
Size of perforations in. by in.  perforations from fit to fit.  (7) SCREENS: Well screen installed of the second fit to fit.  Diam. Slot size Set from fit to fit.  Diam. Slot size Set from fit to fit.  Diam. Slot size Set from fit to fit.  (8) WELL TESTS: Drawdown is amount water level is lowered below static level  Was a pump test made? The General fit	Telloration. El 165 15 No.		<del></del>	1
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Number of sacks of bentonite used in well seal	Diameter of well bore below seal6 in.	[Signed] Crosst thurs	Date Sept.	,1 <sub>19</sub> 72
Water Well Contractor's Certification:  This well was drilled under my jurisdiction and this report in true to the best of my knowledge and belief.  Name Wilcox Drilling & Pump Co.  (Type of water?   Yes   No   No   No   No   No   No   No   N		(Drilling Machine Operator)	604	
Water Well Contractor's Certification:  This well was drilled under my jurisdiction and this report in true to the best of my knowledge and belief.  Name Wilcox Drilling & Pump Co.  (Person, firm or corporation)  Type of water? depth of strata  Method of sealing strata off  Was well gravel packed? Yes No Size of gravel:  Water Well Contractor's Certification:  This well was drilled under my jurisdiction and this report in true to the best of my knowledge and belief.  Name Wilcox Drilling & Pump Co.  (Person, firm or corporation)  Address R. O. Box 569, McMinnville, Ore	Fumber of sacks of bentonite used in well seal $oldsymbol{O}$ sacks	Drilling Machine Operator's License No.		
Was a drive shoe used?  \[ \text{Yes \omega} No Plugs  Size: location ft. \\ \text{Did any strata contain unusable water? } \[ \text{Yes \omega} No \\ \text{depth of strata} \\ \text{Method of sealing strata off} \]  Was well gravel packed?  \[ \text{Yes \omega} No  Size of gravel: \]  This well was drilled under my jurisdiction and this report in true to the best of my knowledge and belief.  Name \[ \text{Wilcox Drilling & Pump Co. (Type or print)} \]  Was well gravel packed?  \[ \text{Yes \omega No Size of gravel: } \]  This well was drilled under my jurisdiction and this report in true to the best of my knowledge and belief.  Name \[ \text{Wilcox Drilling & Pump Co. (Type or print)} \]  Address \[ \text{R. 0. Box 569, McMinnville, Oregonate of the best of my knowledge and belief.  Name \[ \text{Wilcox Drilling & Pump Co. (Type or print)} \]  Address \[ \text{R. 0. Box 569, McMinnville, Oregonate of the best of my knowledge and belief.  Name \[ \text{Wilcox Drilling & Pump Co. (Type or print)} \]  Address \[ \text{R. 0. Box 569, McMinnville, Oregonate of the best of my knowledge and belief.  Name \[ \text{Wilcox Drilling & Pump Co. (Type or print)} \]  We will consider the best of my knowledge and belief.  Name \[ \text{Wilcox Drilling & Pump Co. (Type or print)} \]  We will consider the best of my knowledge and belief.  Name \[ \text{Wilcox Drilling & Pump Co. (Type or print)} \]  We will consider the best of my knowledge and belief.  Name \[ \text{Wilcox Drilling & Pump Co. (Type or print)} \]  We will consider the best of my knowledge and belief.  Name \[ \text{Wilcox Drilling & Pump Co. (Type or print)} \]  We will consider the best of my knowledge and belief.  Name \[ \text{Wilcox Drilling & Pump Co. (Type or print)} \]  We will consider the best of my knowledge and belief.		Water Well Contractor's Certification		
true to the best of my knowledge and belief.  Name Wilcox Drilling & Pump Co.  (Person, firm or corporation) (Type or print)  Address R. O. Box 569, McMinnville, Ore,  Method of sealing strata off  Was well gravel packed?   Yes   No   Size of gravel:   Signed]	Number of pounds of bentonite per 100 gallons		iation and 45:	onort :-
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:      Name   Wilcox   Drilling & Pump   Co.    (Person, firm or corporation)   (Type or print)    Address   R. O. Box 569, McMinnville, Ore    (Water Well Contractor)	of water			eport is
Type of water? depth of strata  Method of sealing strata off  Was well gravel packed? Yes No Size of gravel:  [Signed]   Manual (Type of print) (Type of print	Was a drive shoe used? 🗌 Yes 💆 No Plugs Size; location ft.	_		
Method of sealing strata off  Was well gravel packed? □ Yes ☑ No Size of gravel: [Signed]	Did any strata contain unusable water? 🗌 Yes 📝 No	(Person, firm or corporation)	(Type or pri	111)
Was well gravel packed? ☐ Yes 🖔 No Size of gravel:	Type of water? depth of strata	Address R. U. Box 569, MCM	runville,	OTES
Was well gravel packed? ☐ Yes ☑ No Size of gravel:	Method of sealing strata off	100 m damen 1 . 6 [ 1] !	01	
		[Signed] / William (Water Well Conti	ractor)	••••••
Travel higher from the fit is the fit is a second that the fit is a second from the fit is a sec	Gravel placed from ft. to ft.	Contractor's License No4.28 Date	sent 1	. 1972