Approved: July

## **MEMO**

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

From: Tommy Laird, Well Construction Program Coordinator

**Subject:** Review of Water Right Application LL-1959

**Date:** June 21, 2024

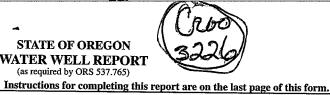
The attached application was forwarded to the Well Construction Section by the Groundwater Section. Joe Kemper reviewed the application. Please see Joe's Groundwater Review and the Well Report.

Applicant's Well #1 (CROO 3226): 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 Water Supply Well Report, the well is not sealed to the proper depth. In order to meet minimum construction standards, the well must be recased and resealed with an approved grout to a minimum depth of 51 feet bgs. In addition, the well constructor reported that he drilled to 160 ft bgs, but that the depth of the completed well is 110 ft bgs. It is not clear what the total depth of the completed well actually is.

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

## STATE OF OREGON WATER WELL REPORT (as required by ORS 537.765)



(1) OWNER: Name Octoro Real Estate	(9) LOCATION OF WELL by legal description:				
	County 2200		Lo	ngitude	
Address 1020 West Third Stroll	Township /4 N or S Range /5 E or W. WM.				
City Princuille State Ortj. Zip 97154	Section 28	NE 1/4	NE	1/4	
(2) TYPE OF WORK		_ot Block		ubdivision	
New Well Deepening Alteration (repair/recondition) Abandonment	Street Address of Wel	l (or nearest address)	E Iliuí	lans	<u>-</u>
(3) DRILL METHOD:					
Rotary Air Rotary Mud Cable Auger	(10) STATIC WATE	R LEVEL:		-	
Other	12 ft. below land surface. Date 7-2/-93				
(4) PROPOSED USE:	Artesian pressurelb. per square inch. Date				
Domestic Community Industrial Irrigation	(11) WATER BEARI				
(5) BORE HOLE CONSTRUCTION:	Depth at which water was	s first found 13	3		
Special Construction approval Yes No Depth of Completed Well //O ft.					
Explosives used Yes No Type Amount	From To Estimate			ed Flow Rate	e SWL
HOLE SEAL	73 1/0 40			1001	
Diameter From To Material From To Sacks or pounds					
12 0 160 coment 0 25 30					
	(12) WELL LOC.				
How was seal placed: Method A B C D E	(12) WELL LOG:	Elevation			
Other	Otouno	Elevation			· · · · · · · · · · · · · · · · · · ·
Backfill placed from ft. to ft. Material	Materia		From	To	SWL
Gravel placed from ft. to ft. Size of gravel	Tof Soil		0	2	SWL
(6) CASING/LINER:	Brown Zlay	+ Consul	7	32	<del> </del>
Diameter From To Gauge Steel Plastic Welded Threaded	Gray Elay	- OFFICE	32	46	-
Casing: 8 +12 110 250 4 1	YEllow Green	7 law Stones	46	57	-
	GAY & BLOWN		57	73	-
	Briken Brown	Park	73	110	12
		1 1021	110		12
Liner:	Bray Zlay Black Sand	· · · · · · · · · · · · · · · · · · ·		115	
	GMY Elay STO	4.5	118	118	<del> </del>
Final location of shoe(s)	1 10 mg 2/49 3/00	<del>,</del>	110	160	-
(7) PERFORATIONS/SCREENS:				<del> </del>	
Perforations Method For Tory		<del></del>			
				-	
Slot Tele/nine		- Đ		in girpe per	-
From To size Number Diameter size Casing Liner				2. 60	ļ
70 110 115 010			100	. c.a (1-4-	<del> </del>
		A	WG 23	1905-	ļ
		NATER	RESOUR	-033	<u> </u>
		SAL		LEF	1.
			LIM, ORE	GON	ļ -
(8) WELL TESTS: Minimum testing time is 1 hour	7_	12 00		3 4 0	<u> </u>
(b) WELL TESTS: Winimum testing time is 1 nour	Date started	12-95 Comp		-1-95	
Pump Bailer Air Artesian	(unbonded) Water Well (				
	I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards.				
Yield gal/min Drawdown Drill stem at Time	Materials used and inform	ation reported above ar	e true to the b	est of my k	nowledge
400 t 47 Known 1/0 1 hr.	and belief.	-		•	- 0 -
			WWC Nu	nber	
	SignedDate				
Temperature of water 5 3 Depth Artesian Flow Found	(bonded) Water Well Con				···
Was a water analysis done? Yes By whom	I accept responsibility f	for the construction, alto	eration, or aba	andonment v	work
Did any strata contain water not suitable for intended use?  Too little	performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well				
Salty Muddy Odor Colored Other	construction standards. Th	is report is true to the b	est of my kno	owledge and	l belief.
Depth of strata:	~ //		WWC Nur	- ,	84
	Signed Dany	MOSR			26-45
ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SE	COND COPY-CONSTRU	JCTOR THIRD (	COPY-CUST		