Approved:

# MEMO

To:	Kristopher Byrd, Well Construction Manager
From:	Tommy Laird, Well Construction Program Coordinator
Subject:	Review of Water Right Application G-19460
Date:	May 15, 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 (MARI 17388): 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 (MARI 5169): Based on a review of the Well Report, Well #2 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 well was sealed with an unapproved grout. Additionally, the well head is indicated as being 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 at least one foot above land surface.

My recommendation is that the Department not issue a permit for Well #2 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 #2 may not satisfy hydraulic connection issues

Applicant's Well #3 (Proposed): Well #3 is a proposed well, therefore it cannot be reviewed for construction. Construction of this proposed well 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 this well, specific attention should be paid to ensure sealing requirements are met and that the well does not commingle aquifers.

The construction of proposed Well #3 may not satisfy hydraulic connection issues.

Applicant's Well #4 (MARI 5170): Based on a review of the Well Report, Well #4 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 well was sealed with an unapproved grout to a shallow depth of 15 feet. Additionally, the well head is indicated as being flush with land surface. In order to meet minimum construction standards, the well must be resealed to at least 18 feet with an approved grout and the well head must be at least one foot above land surface.

My recommendation is that the Department **not issue** a permit for Well #4 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 #4 may not satisfy hydraulic connection issues

			-5 1991 MARI 17	3882		10/20/22	0
WATER V	OF OREGON VELL REPOR d by ORS 537.765)	WATER HES T SALEM	OURCES DE T.	1 Jan Martin	(START CARD) #	30566	<u> </u>
(1) OWNE		Well Nu	umber: 2935			egal description:	<del></del>
	JOHNSON	D1 N D				Longitude	
	<u>) Clearlake</u> zer, Oregon	Rd. N.E.	Zip			3WE or W,	WM.
$\frac{1}{(2) \text{ TYPE }}$					<u>SE</u> 1/4	1⁄4 ck Subdivision	
New Well		Recondition	Abandon	1		Suburvision	
(3) DRILL				<u>1585_C</u>	learlake Rd.	N.E	
Rotary Air	🗌 Rotary Mud	Cable		(10) STATIC	WATER LEVEL		
Other				1	t. below land surface.	Date6/19	)/9:
(4) PROPO				e	lb. per sq	· · · · · · · · · · · · · · · · · · ·	
Domestic Thermal		Industrial <b>X</b> Irri	gation	(11) WATER	BEARING ZON	ES:	
	HOLE CONST			Depth at which water w	as first found75		
Special Construct	on approval Yes 1	No Depth of Comr	leted Well <u>200</u> ft.	From	То	Estimated Flow Rate	SW
Explosives used	100 110 1	X Amount		75	200	X00X1000+	ļ
HOLE	Li yay iype	SEAL	Amount				
Diameter From	1 I	ial From To	sacks or pounds		_		<u> </u>
<u>14 0</u> 8 0	19 12001t 200	0 19	Dry Bentonite	(12) WELL LO	DG: Ground eleva	tion	<u> </u>
	200				Material	From To	sv
				Topsoil	Waterial	0 2	
			Е	Brown Clay		2 62	
	Per 690-210			Gray Clay	·	62 75	<u> </u>
-	mft. to	ft. Naterial ft. Size of gravel			wha Sand and G		╞
(6) CASIN				Blue Clay	wn Sand and G	raved 91 150 150 172	-
Diamete	r From To	Gauge Steel Plastic	Welded Threaded		ck Sand and G		
Casing:8"	+1 200	<u>.250 X</u>		Black Sand a	nd Gravel	180 200	
							$\vdash$
Liner:							
	10e(s) 200 <sup>†</sup>						
Final location of sl							┼──
	RATIONS/SO						
Perforat	ions Method Type	Mills Knife (3					$\vdash$
	Slot	Tele/pipe			· · · · · · · · · · · · · · · · · · ·		
From To 120   150	size Number 312	r Diameter size	Casing Liner				_
183 200	240						
							$\vdash$
				Date started 6/17	<b>7/91</b> Con	mpleted 6/19/91	
	TESTS	num testing time i			Well Constructor C		
		-	Flowing			on the construction, alter ice with Oregon well con	
🗆 Pump	Bailer .	X Air	∟ Artesian	standards. Materials	used and information	reported above are true to	
Yield gal/min	Drawdown	Drill stem at	Time	knowledge and belief	logi	WWC Number $\underline{7}$	53
500+		199	1 hr.	Signed Mar	k D Beier	Date6/20/9	1
					ell Constructor Cert		
Temperature of wa	ter 53°	Depth Artesian Flo	L	I accept respon	sibility for the constru	uction, alteration, or aban	
Was a water analys		•		work performed on t	this well during the con tring this time is i	nstruction dates reported a n compliance with Ore	above gon
Did any strata con		e for intended use? 🔲 '	Foo little	construction standa	rds. This report is true	e to the best of my knowl	edge
🗆 Salty 🗖 Mu	ddy 🖾 Odor 🗖 Co	olored 🗌 Other			TE DRILLING C		<u>53</u>
Depth of strata: _			-	Signed Mar	EV Deror	Date6/20/9:	L

SECOND COPY - CONSTRUCTOR

THIRD COPY - CUSTOMER

9809C 3/88



Oregon Water Resources Department 725 Summer Street NE, Suite A Salem Oregon 97301 (503) 986-0900 www.wrd.state.or.us

## Application for Well ID Number

## **RECEIVED BY OWRD**

#### Do not complete if the well already has a Well Identification Number.

#### MAR 1 3 2017

I.	OWNER	INFORMATION
••	<u>U IIII</u>	

### SALEM, OR

Current Owner Name (	please print): Clearlake Fa	rms LLC c/o Robert Gabriel	See Well log MARI 17388
	4 Hazelgreen Rd NE		
City, State, Zip: Silver	ton, OR 97381		
	SAME AS ABOVE	In Care Of (C/O)	
Name & Address:			
City, State, Zip:			

#### II. <u>WELL LOCATION INFORMATION</u> (Please fill out as completely as possible)

Township: 6 South (North / S	South) Range: <u>3 West</u> (East / West) Section:	23	SE 1/4 of the	NE	1/4
Tax Lot (usually last 3-5 number	South) Range: <u>3 West</u> (East / West) Section: ers of Tax Map #): <u>TL 06 3W 23A 1100</u>	County	Marion	_	
GPS Coordinates:				_	
Street Address of Well, City:	585 Clear Lake Rd NE, Keizer, OR 97303				
If the property had a different s	treet address in the past:				

**III.** <u>GENERAL WELL INFORMATION</u> (*Please fill out as completely as possible, AND attach copy of Well Log, if available*) Use of Well (domestic, irrigation, commercial, industrial, monitoring). Domestic, Irrigation

ose or wen (domestic, migation, commercial, maastral,				_
Date Well Constructed (or property built):6-19-91	Total Well Depth:	200 feet	Casing Diameter:	8 inch
Owner at time the well was constructed (if known):	Rick Johnson	Well Log # (if	known): MARI	17388
Other Information:	Λ			
SUBMITTED BY (please print): Robort Gabr	te it		2nd	
	&/or FAX: (503) 8	-73 - 130	)	

Send application to: Oregon Water Resources Department 725 Summer St NE, Suite A, Salem, Oregon 97301; or fax to (503) 986-0902. Applications are processed in the order they are received, and Well ID Numbers are mailed within 4-5 business days.

For Of	ficial Use Only by the Oregon Water Resources Depart	ment:
Received Date:	Well Log Number:	Well Identification #
3-13-17	MARI 17388	L-125718

NOTICE TO WATER WELL CONTRA The original and first copy of this report are to be filed with the FEB24 197\$TABLOF	DREGON MARINE State Well No.		/3N	1-2-4/06
STATE ENGINEER, SALEM, OREGO 77410 TE ENGINEER, SALEM, OREGO 77410 TE ENGINEER, SALEM, OREGON	bove this line) $G 5486$	`` <i>\</i>		
(1) OWNER:	(10) LOCATION OF WELL:			
Name Marlin Schaad	<u>County Marion</u> Driller's well no	mber	1500	
Address 7657 Wheatland Road NE Salem, Oregon		R.	1529	W.M.
	Bearing and distance from section or subdivisi		3₩	
(2) TYPE OF WORK (check): New Well ∑ Deepening □ Reconditioning □ Abandon □	Bearing and distance from section of subdivisi	on corne	r	
If abandonment, describe material and procedure in Item 12.				
(3) TYPE OF WELL: (4) PROPOSED USE (check):	(11) WATER LEVEL: Completed w	ell.		
	Depth at which water was first found		8 <u>0</u>	ft.
Rotary Driven   Cable Image: Cable image	Static level 42 ft. below land s	urface.	Date 2-	16-71
Dug 🗌 Bored 🔲 Irrigation 🕱 Test Well 🗌 Other 📋	Artesian pressure Ibs. per squar	e inch.	Date	
CASING INSTALLED: Threaded [] Welded [] 12_" Diam. from top ft. to 140 ft. Gage 250 "Diam. from ft. to ft. Gage	(12) WELL LOG: Diameter of well b Depth drilled 140 ft. Depth of compl		-	4 <u>0 ft.</u>
	Formation: Describe color, texture, grain size a and show thickness and nature of each stratum			
(6) PERFORATIONS: Perforated? Yes I No.	with at least one entry for each change of formar position of Static Water Level and indicate prin	tion. Rep	ort each	change in
Se of perforator used Milli	MATERIAL	From	То	SWL
Size of perforations $\frac{1}{4}$ in. by $2\frac{1}{2}$ in.	TOD Soil	0	3	<u> </u>
	Yellow Clay	2	55	
perforations from ft. to ft.	Blue Clay	55	80	
ft. to ft.	Gravel	80	140	
(7) SCREENS: Well screen installed?	-			
Manufacturer's Name				
Diam Slot size				
Diam. Slot size Set from ft. to ft.	a			
(8) WELL TESTS: Drawdown is amount water level is lowered below static level				,
Was a pump test made? X Yes [] No If yes, by whom? Driller				
Yield: 500 gal./min. with 23 ft. drawdown after 12 hrs.				
<u>4. 600 " 28 " 12 "</u>				
700 " 33 " 12 "				
Bailer test gal./min. with ft. drawdown after hrs.				· · · · ·
Artesian flow g.p.m.	H			
Temperature of water Depth artesian flow encountered ft.	Work started 1.4.71 19 Complete			19
CONSTRUCTION:	Date well drilling machine moved off of well	2-16-	71	19
Well seal-Material used Cement and Puddle Clay	<b>Drilling Machine Operator's Certification:</b>			
Well sealed from land surface to20ft.	This well was constructed under my	direct	super	vision.
Diameter of well bore to bottom of seal	Materials used and information reported best knowledge and belief.			
Diameter of well bore below seal <u>12</u> in.	[Signed] Bornella W. Monton (Drilling Machine Operator)	Date 2-	17-71	.19
Number of sacks of cement used in well seal	(Drilling Machine Operator)			-, ' <b>L</b> U
Number of sacks of bentonite used in well seal sacks	Drilling Machine Operator's License No.			
Brand name of bentonite	Water Wall Contractor's Contractor			
Number of pounds of bentonite per 100 gallons of water	Water Well Contractor's Certification: This well was drilled under my jurisdi	ction ar	nd this r	eport is
Was a drive shoe used? X Yes D No Plugs	true to the best of my knowledge and bel	ief.		-
Did any strata contain unusable water? [] Yes [] No	Name WILLAMETTE DRILLING COMP (Person, firm or corporation)	ANY	pe or prin	
	Address 7641 35th Ave. NE Salem	• •		
	$Q \uparrow A \cap Q$	UE:02	5 <b>411</b>	_
Method of sealing strata off	[Signed] Cmill O. Sill	21		
Was well gravel packed? 🗋 Yes 🕱 No Size of gravel:	(Water Well Contra			
Gravel placed from ft. to ft.	Contractor's License No Date	-17-7.	L	., 19
(USE ADDITIONAL SH	EETS IF NECESSARY)		SI	*45656-119

CEGEIVED MARI	5/70	د میرفند وا سند داده و کرد د مود که هموار کار د مود که هموار کرد م
File Original and NOV 14 1958 WATER WE	ELL REPORT OF 101 6/2	W-24.F(1)
First Copy with the STATE ENGINEER, STATE ENGINEER STATE ON SALEM, OREGON	F OREGON 6872 State Permit No.	<u>617/</u>
(1) OWNER:	(11) WELL TESTS: Drawdown is amount	water level is
Name B.J.Oppek	Was a pump test made? Was a pump test made?	<sup>.vel</sup> m?Driller
Address Clear Lake Road	Yield: 300 gal./min. with 60 ft. drawdow	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Salem, Oregon	17 TH TH	3) 
(2) LOCATION OF WELL:	<sup>33</sup> <sup>11</sup> <sup>12</sup>	, , , , , , , , , , , , , , , , , , ,
County Marion Owner's number, if any—	Bailer test     gal./min. with     ft. drawdow       Artesian flow     g.n.m.     Date	n after hrs.
<u>V 14 NW 14 Section 24</u> T. 6 S. R. 3 W. W.M.	Artesian flow g.p.m. Date Temperature of water 56 Was a chemical analysis m	ade? 🗌 Yes 🎁 No
Bearing and distance from section or subdivision corner 875' North and 325' East from the 1/4	-	-
875' North and 325 ' East from the 1/4 section on the West line of Section 24	(12) WELL LOG: Diameter of well	inches.
C T.6 S. R.3 W.	Depth drilled <u>112</u> ft. Depth of completed w	
	Formation: Describe by color, character, size of materia show thickness of aquifers and the kind and nature of strating non-strated with the strategies.	il and structure, and the material in each
	scrutam penetratea, with at least one entry for each o	change of formation.
(3) TYPE OF WORK (check):	MATERIAL Ton Soft	FROM TO
New Well Deepening Reconditioning Abandon	<u>Top Soil</u> <u>Yellow clav &amp; silt</u>	0 2
If abandonment, describe material and procedure in Item 11.	Dirty sand	2 60 60 75
	Brown Sand & Gravel	75 112
(4) PROPOSED USE (check): (5) TYPE OF WELL:		
Domestic Industrial Municipal Rotary Driven Cable X Jetted		
Irrigation X X Yest Well Other Dug Bored		
(6) CASING INSTALLED: Threaded D Welded		·
8		
	· · ·	
(7) PERFORATIONS: Perforated?		
Type of perforator used Mills	·	
Set E of perforations 1/4 in. by 1 in.		
perforations from		
perforations from		
perforations from		
(8) SCREENS: Well screen installed Manufacturer's Name		
Manufacturer's Name		
Dram, Slot size Set from ft, to ft,	Work started 8-25-58 19 . Completed 9	-10-58 19
		20 00 13
(9) CONSTRUCTION: Was well gravel packed? [] Yes KNo Size of gravel:	(13) PUMP:	
Gravel placed from ft. to ft.	Manufacturer's Name	
Was a surface seal provided? Wes $\Box$ No To what depth? <u>15</u> ft.	Type:	H.P.
Material used in seal- puddled clay Did any strata contain unusable water? 🗌 Yes 🗌 No	Well Driller's Statement:	
Type of water? Depth of strata	This well was drilled under my jurisdiction a true to the best of my knowledge and belief.	and this report is
Method of sealing strata off		, ti v
(10) WATER LEVELS:		pe or print)
Static level 36 ft. below land surface Date 9-10-58	Address 7555 O'Neil Rd. Salem,	
Artesian pressure lbs. per square inch Date	Driller's well number	· · · · · ·
Log Acconted by:		·····
Log Accepted by:	[Signed] Emil O. Biin	
[Signed] B.J. Oppek Date Sept 25, 1958	<b>^^</b>	
	License No. 89 Date 9-10	<u></u> , 19
(USE ADDITIONAL SHI	EETS IF NECESSARY)	

. -

---