

STATE OF OREGON
WATER SUPPLY WELL REPORT

MARI 71683

WELL I.D. LABEL# L

141650

START CARD #

1073806

ORIGINAL LOG #

(as required by ORS 537.545 & 537.765 and OAR 690-205-0210)

6/17/2025

(1) LAND OWNER

Owner Well I.D. _____

First Name BRUCE

Last Name ERNST

Company ERNST NURSERY AND FARMS LLC.

Address PO BOX 460

City SAINT PAUL

State OR

Zip 97137

(2) TYPE OF WORK

☒ New Well ☐ Deepening ☐ Conversion

☐ Alteration (complete 2a & 10) ☐ Abandonment (complete 5a)

(2a) PRE-ALTERATION

Casing:

Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

Material

	From	To	Amt	sacks/lbs

Seal:

--	--	--	--	--	--	--	--	--	--

(3) DRILL METHOD

☐ Rotary Air ☐ Rotary Mud ☒ Cable ☐ Auger ☐ Cable Mud
☐ Reverse Rotary ☐ Other _____

(4) PROPOSED USE

☐ Domestic ☒ Irrigation ☐ Community

☐ Industrial/ Commercial ☐ Livestock ☐ Dewatering

☐ Thermal ☐ Injection ☐ Other _____

(5) BORE HOLE CONSTRUCTION

Special Standard ☐ (Attach copy)

Depth of Completed Well 321.50 ft.

BORE HOLE				SEAL				sacks/
Dia	From	To	Material	From	To	Amt	lbs	
20	0	36	Bentonite Chips	0	36	53	S	
16	36	321.5			Calculated	40		
			Cement	264.5	279	7	S	
					Calculated	7		

Seal placement method: ☐ A ☐ B ☒ C ☐ D ☐ E ☒ Other: OAR 690-210-0340

Backfill placed from _____ ft. to _____ ft. Material _____

Filter pack from _____ ft. to _____ ft. Material _____ Size _____

Explosives used: ☐ Type _____ Amount _____

Seal Placement Begin Date 12/3/2024 Begin Time 09 15

(5a) ABANDONMENT USING UNHYDRATED BENTONITE

Proposed Amount _____ Actual Amount _____

(6) CASING/LINER

C/L	Dia	+	From	To	Gauge	Mat. Type	Wld	Thrd	Shoe	Shoe Location
C	16	<input checked="" type="checkbox"/>	2	274	0.375	ST	<input checked="" type="checkbox"/>		OUT.	274
C	12		249.58	321.5	0.250	ST	<input checked="" type="checkbox"/>			

Temp casing ☐ Yes Dia _____ From+ ☐ _____ To _____

(7) PERFORATIONS/SCREENS

Perforations Method _____

Screens Type v wire Material stainless steel

Perf/ Screen	Casing/ Liner	Screen Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/ Pipe size
Screen	Casing	12	289.58	297.58	.07			Pipe Size
Screen	Casing	12	297.58	316.58	.15			Pipe Size

(8) WELL TESTS: Minimum testing time is 1 hour

Type of Test	Yield (gal/min)	Drawdown	Drill Stem/ Pump Depth	Duration (hr)
Pump	200	167	173	2
Pump	177	157	173	4

Temperature 53 °F Lab analysis ☐ Yes By _____

Water quality concerns? ☐ Yes (describe below) TDS amount 104 mg/L
From _____ To _____ Description _____ Amount _____ Units _____

(9) LOCATION OF WELL (legal description)

County MARION Twp 4.00 S N/S Range 2.00 W E/W WM

Sec 9 NE 1/4 of the NE 1/4 Tax Lot 1700

Tax Map Number _____ Lot _____

Lat _____ " or 45.24305594 DMS or DD

Long _____ " or -122.92992063 DMS or DD

☒ Street address of well ☐ Nearest address

6417 GEARING RD NE SAINT P
AUL, OREGON

(10) STATIC WATER LEVEL

	Date	SWL (psi)	+	SWL (ft)
Existing Well / Pre-Alteration				
Completed Well	6/4/2025			115.75
Flowing Artesian?	<input type="checkbox"/>			
Dry Hole?	<input type="checkbox"/>			

WATER BEARING ZONES

Depth water was first found 118.00

SWL Date	From	To	Est Flow	SWL (psi)	+	SWL (ft)
7/16/2024	118	150	30			96
8/8/2024	303	316	200			158

(11) WELL LOG

Ground Elevation 165.86 FT

Material	From	To
Top Soil	0	1
clay brown, medium	1	18
clay brown, sticky	18	39
clay brown sandy	39	45
clay grey sticky	45	59
silt, sand, brown	59	61
clay, dark grey sandy	61	63
silt, sand, brown	63	75
sand black	75	78
clay grey	78	98
clay, dark grey sandy	98	102
clay grey, sticky	102	114
clay, grey, soft	114	118
clay grey, silt,	118	133
clay grey soft	133	141
silt, sandy, grey	141	145
sand and 30% gravel, black	145	148
sand and gravel and clay grey	148	150
clay grey sticky	150	160

Construction

Begin Date 6/19/2024 Begin Time 10 10 End Date 6/4/2025

(unbonded) Water Well Constructor Certification

I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

License Number 2041 Date 6/15/2025

Signed TRAVIS RUSH (E-filed)

(bonded) Water Well Constructor Certification

I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.

License Number 783 Date 6/17/2025

Signed IVAN GROSSEN (E-filed)

Drilling Company: Grossen well drilling

ORIGINAL - WATER RESOURCES DEPARTMENT

THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK Form Version:

New exempt use wells must be submitted with a map and recording fee.

WATER SUPPLY WELL REPORT -
continuation page
MARI 71683
WELL I.D. LABEL# L
141650
START CARD #
1073806
6/17/2025
ORIGINAL LOG #
(2a) PRE-ALTERATION

Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

Material	From	To	Amt	sacks/lbs

(5) BORE HOLE CONSTRUCTION

BORE HOLE				SEAL				sacks/ lbs
Dia	From	To	Material	From	To	Amt		
						Calculated		
						Calculated		
						Calculated		
						Calculated		
						Calculated		

FILTER PACK			
From	To	Material	Size

(6) CASING/LINER

C/L	Dia	+	From	To	Gauge	Mat. Type	Wld	Thrd	Shoe	Shoe Location

(7) PERFORATIONS/SCREENS

Perf/ Screen	Casing/ Liner	Screen Dia	From	To	Scrm/slot width	Slot length	# of slots	Tele/ Pipe size

(8) WELL TESTS: Minimum testing time is 1 hour

Type of Test	Yield (gal/min)	Drawdown	Drill Stem/ Pump Depth	Duration (hr)

Water Quality Concerns

From	To	Description	Amount	Units

(10) STATIC WATER LEVEL

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)

(11) WELL LOG

Material	From	To
clay, green, brown	160	177
clay blue grey , sticky	177	187
clay grey, sand black	187	192
clay greenish grey, sticky	192	203
clay grey sandy	203	206
sand black, trace clay	206	208
sand black	208	218
clay grey	218	219
sand black	219	221
clay blue, sticky	221	231
clay grey	231	251
clay grey	251	284
clay and sand grey	284	289
sand and 10% gravel , some clay	289	303
sand and gravel, layer clay	303	304
sand black, 20% gravel	304	307
gravel , 30% sand black	307	309
sand black, 45% gravel	309	314
gravel, 30% sand black	314	316
clay grey sticky	316	321.5

Name of person(s) who assisted with construction and Trainee License # / Helper #

Assistant Name

Type

#

Comments/Remarks

top of 2 1/2" pipe is 254'7" to 284' 3" this pipe is on outside of 12" casing/liner for feeding rock through seal portion,

2" pipe gravel feed pipe installed from +2 ft to 275' 7" , this pipe slides through the 2 1/2 inch pipe

seal date for 0-36 ft level was done 6/20/2024

transfer # for water right is T14061

WATER SUPPLY WELL REPORT - Map with location identified must be attached and shall include an approximate scale and north arrow

MARI 71683

6/17/2025

Map of Hole

STATE OF OREGON WELL LOCATION MAP

This map is supplemental to the WATER SUPPLY WELL REPORT

Oregon Water Resources Department

725 Summer St NE, Salem OR 97301
(503)986-0900



LOCATION OF WELL

Latitude: 45.24305594 Datum: WGS84

Longitude: -122.92981048

Township/Range/Section/Quarter-Quarter Section:

WM4.00S2.00W9NENE

Address of Well:

6417 GEARING RD NE SAINT P
AUL, OREGON

Well Label: 141650

Printed: June 17, 2025

DISCLAIMER: This map is intended to represent the approximate location the well. It is not intended to be construed as survey accurate in any manner.

Provided by well constructor

