

Approved:



MEMO

To: Kristopher Byrd, Well Construction Manager
From: Tommy Laird, Well Construction Program Coordinator
Subject: Review of Water Right Application G-19433
Date: June 4, 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 2242): 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, the well head is indicated as being flush with land surface. In order to meet minimum construction standards, the well head must be at least one foot above land surface.

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 #2 (MARI 71275): Based on a review of the Well Report, Applicant's Well #2 seems to protect the groundwater resource.

The construction of Well #2 may not satisfy hydraulic connection issues.

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

MAR 22 1992

(START CARD) # 8659

(1) OWNER:

Name **TERRY KEILING**
Address **17049 Mt. View Lane N.E.**
City **Woodburn, Oregon** State **97071** Zip

Well Number: **2821**

(2) TYPE OF WORK:

☒ New Well ☐ Deepen ☐ Recondition ☐ Abandon

(3) DRILL METHOD

☒ Rotary Air ☐ Rotary Mud ☐ Cable
☐ Other

(4) PROPOSED USE:

☒ Domestic ☐ Community ☐ Industrial ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval Yes No
Explosives used ☐ ☒ Type Amount

Depth of Completed Well **127** ft.

HOLE		SEAL				Amount sacks or pounds
Diameter	From To	Material	From To			
10	0 19	Bentonite	0 19			450 pounds
6	0 127					

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E

☐ Other **As Per 690-210-340**

Backfill placed from ft. to ft. Material

Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	6"	0	127	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) **127'**

(7) PERFORATIONS/SCREENS:

☒ Perforations Method **Torch**
☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
125	127	1/2"	8			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		X 8"				<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

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

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
100+	83	127	1 hr.

Temperature of water Depth Artesian Flow Found

Was a water analysis done? ☐ Yes ☒ By whom

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other

Depth of strata:

(9) LOCATION OF WELL by legal description:

County **Marion** Latitude Longitude
Township **5S** N or S, Range **2W** E or W, WM.
Section **2** SW 1/4 NE 1/4
Tax Lot Lot Block Subdivision
Street Address of Well (or nearest address)
17049 Mt. View Lane N.E. Woodburn, OR

(10) STATIC WATER LEVEL:

44 ft. below land surface. Date **7/10/89**
Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

Depth at which water was first found **72**

From	To	Estimated Flow Rate	SWL
72	127	100+	44

(12) WELL LOG:

Ground elevation

Material	From	To	SWL
Topsoil	0	2	
Brown Clay	2	23	
Gray Clay	23	72	
Black Sand	72	101	
Blue Clay	101	114	
Brown Sand	114	118	
Brown Sand and Gravel	118	127	44

RECEIVED
AUG 04 1989
WATER RESOURCES DEPT.
SALEM, OREGON

Date started **XXX 7/10/89** Completed **7/10/89**

(unbonded) Water Well Constructor Certification:

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

Signed **Mark D. Blair** WWC Number **753**
Date **7/10/89**

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, 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 well construction standards. This report is true to the best of my knowledge and belief. **Willamette Drilling co.**

Signed **Mark D. Blair** WWC Number **753**
Date **7/10/89**

MARI 2242
For Official Use Only:

Received Date:

4-29-98

County Well Log ID #

MARI 2242

Well Identification Tag #

24692

WELL IDENTIFICATION APPLICATION FORM

BUYER/CURRENT WELL OWNER:

Name:

Terry Kieling

Mailing Address:

17049 Mtn. View Ln. NE

City:

Woodburn

State:

OR

Zip:

97071

Phone:

()

WELL LOCATION:

County:

Marion

Owner's Well Number:

Township:

5

N or S,

Range:

2

E or W,

Section:

2

1/4

SE

1/4

Tax Lot Number:

3400

Type of Well:

water supply

monitoring

Street Address of Well (if different from above):

17049 Mtn View Ln NE

Woodburn

97071

WELL INFORMATION: (do not complete remainder of application if well log is available)

Start Card Number:

Approx. Construction Date:

Well Constructor:

N/A

Name of Owner at Time of Construction:

Well Depth (in feet):

Static Water Level (in feet):

Diameter of Exposed Well Casing (in inches):

Does this well have a formal water right associated with it? Yes:

No:

If Yes: Application #:

Permit #:

Certificate #:

Please Return Completed Form to:

Lisa Juul

Well Identification Program

Oregon Water Resources Department

158 12th Street NE

Salem, OR 97310

* Tagged Dicked
up by Realtor
4-29-98

STATE OF OREGON
WATER SUPPLY WELL REPORT

WESTERBERG DRILLING INC.
PO BOX 1228

WELL I.D. LABEL# 151660
START CARD # 1073849
ORIGINAL LOG #

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

(1) LAND OWNER

Owner Well I.D. MOLALLA, OR 97038

MARI 71275

First Name John Appel & Last Name Annie Mock
Company
Address 17049 Mountain View Lane
City Woodburn State OR Zip 97071

(2) TYPE OF WORK

☒ New Well ☐ Deepening ☐ Conversion
☐ Alteration (complete 2a & 10) ☐ Abandonment (complete 5a)

(2a) PRE-ALTERATION

Casing: Dia + From To Gauge Stil 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 208 ft.

BORE HOLE			SEAL			Amt	sacks/ lbs
Dia	From	To	Material	From	To		
10	0	60	Bentonite	0	15	7	S
6	60	208				Calculated 6.3	
			Cement	15	60	32	S
						Calculated 12.5	

How was seal placed: Method ☐ A ☐ B ☒ C ☐ D ☐ E

☒ Other bent prd & probed

Backfill placed from ft. to ft. Material

Filter pack from 124 ft. to 208 ft. Material silica sand Size 8/12

Seal Placement Begin Date 6-7-24 Begin Time 09:30

(5a) ABANDONMENT USING UNHYDRATED BENTONITE

Proposed Amount P Actual Amount P

(6) CASING/LINER

Casing	Liner	Dia	+ From To Gauge Stil Plstc Wld Thrd
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6	<input checked="" type="checkbox"/> 2 164 250 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4	<input type="checkbox"/> 124 165 200 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4	<input type="checkbox"/> 175 195 200 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4	<input type="checkbox"/> 205 208 200 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Shoe ☐ Inside ☒ Outside ☐ Other Location of shoe(s) 208

Temp casing ☒ Yes Dia 10 From + 1 To 55

(7) PERFORATIONS/SCREENS

Perforations Method

Screens Type v wire

Material stainless steel

Perf	Casing/ Screen	Screen Liner	Dia	From To	Scm/slot width	Slot length	# of slots	Tele/ pipe size
Sc	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4	165 175	.040			4
Sc	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4	195 205	.040			4
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						

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

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
100		115	1

Temperature 56 °F Lab analysis ☐ Yes By

Water quality concerns? ☐ Yes (describe below) TDS amount 170 ppb

From To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)

County MARION Twp 5 S N/S Range 2 W E/W WM

Sec 02 SW 1/4 of the NE 1/4 Tax Lot 900

Tax Map Number Lot

Lat " or 45.16790 DMS or DD

Long " or -122.89569 DMS or DD

☒ Street address of well ☐ Nearest address

17200 Harmony Lane, Woodburn

(10) STATIC WATER LEVEL

	Date	SWL(psi)	+ SWL(ft)
Existing Well / Pre-Alteration			
Completed Well	6-7-24		38

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES

Depth water was first found 73

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

6-3-24	73	85	dnm	dnm
6-3-24	124	129	40	38
6-3-24	139	150	dnm	dnm
6-7-24	150	176	50	38
6-7-24	182	185	dnm	38

(11) WELL LOG

Ground Elevation

Material	From	To
soil	0	2
clay brown medium	2	25
clay grey sticky	25	55
silt grey	55	73
sand black	73	85
clay grey sticky	85	94
sand grey	94	103
clay grey	103	117
sand & gravel brown	117	129
packed silt & gravel grey	129	135
silt grey	135	139
sand black & brown	139	150
sand black	150	176
gravel with silt	176	182
sand black	182	185
hard pan with silt grey	185	194
sand black	194	207
clay green	207	208

Construction

Begin Date 5-30-24 Begin Time 16:30 End Date 6-7-24

(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 1258

Date 6-13-24

Signed

Byron B. Hester

RECEIVED

(bonded) Water Well Constructor Certification

JUN 24 2024

I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. I 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 688

Date 6-13-24

Signed

Steven M. Stueck

Contact Info (optional)

ORIGINAL - WATER RESOURCES DEPARTMENT

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

WATER SUPPLY WELL REPORT -
continuation page













WESTERBERG DRILLING INC.^W
PO BOX 1228







WELL I.D. LABEL# L
C. START CARD #
ORIGINAL LOG #

151660
1073849

(2a) PRE-ALTERATION




MOLALLA, Water Quality Concerns

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

[illegible]

(7) PERFORATIONS/SCREENS

[illegible]

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

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

From	To	Description	Amount	Units
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Description			

(10) STATIC WATER LEVEL

[illegible]

(11) WELL LOG

[illegible]

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

Assistant Name	Type	#
Cody Stephenson	Assist	

Comments/Remarks

56 sacks of 8/12 sand

Received

JUN 24 2024

OWRD

Step 1: Search for Well

Step 2: Create Well Map

Mark Well Point and Create Map:

Zoom in closer to the well location, if needed.
Mark the location of the well by either of these 1

A. Drawing on the map using the draw tool

Click on Icon and draw a point on the map

B. Type in the GPS Decimal Degrees:

GPS Latitude: 45.16790

GPS Longitude: -122.89569

Mark Point Clear Point

[Converter](#)

Results:

Latitude: 45.16790 Longitude: -122.89569

Complete the form:

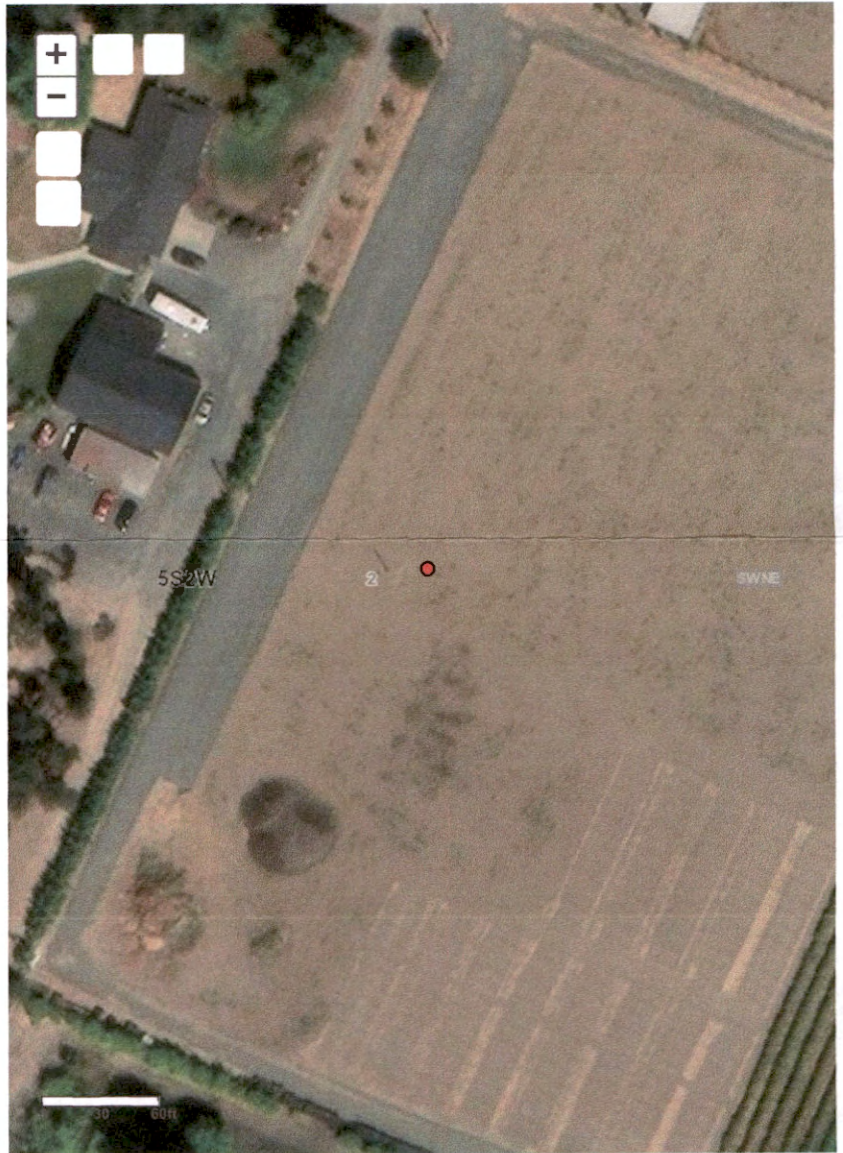
Submitted by: Steve Stadel #688

Address of Well: 17200 Harmony Lane

City: Woodburn

Special Notes: L151660

Make Map



Received
JUN 24 2024
OWRD