

Approved:



MEMO

To: Kristopher Byrd, Well Construction Manager
From: Tommy Laird, Well Construction Program Coordinator
Subject: Review of Water Right Application G-19422
Date: April 28, 2025

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

Applicant's Well #Well 1 (CLAC 54578/CLAC 60358): 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 #Well 2 and Well #Well 3 (Proposed): Well 2 and Well 3 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 3 may not satisfy hydraulic connection issues.

CLAC
54578

MAY 20 1999

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)WATER RESOURCES DEPT.
SALEM, OREGONPg 1 of 3
WELL I.D. # L 27842
START CARD # 121137

Instructions for completing this report are on the last page of this form.

(1) OWNER:

Well Number _____
Name Gary R Ferschweiler
Address 30370 S Cramer Rd
City Molalla State OR Zip 97038

(2) TYPE OF WORK

☒ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:

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

(4) PROPOSED USE:

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

(5) BORE HOLE CONSTRUCTION:

Special Construction approval ☐ Yes ☒ No Depth of Completed Well 218 ft.Explosives used ☐ Yes ☒ No Type _____ Amount _____

HOLE

SEAL

Diameter	From	To	Material	From	To	Sacks or pounds
16	0	35	Cement	0	35	45 sacks + bentonite
10	35	218				

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

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: 10 in	2	218	.250	☒	☐	☒	☐
Liner:				☐	☐	☐	☐

Final location of shoe(s) 218

(7) PERFORATIONS/SCREENS:

☒ Perforations Method Mills Knife
☐ Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
90	128	3/8 x 25	584			☒	☐
163	178	3/8 x 25	240			☒	☐

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

Yield gal/min	Drawdown	Drill stem at	Time
100	67 1/2 ft		2 hr

☒ Pump ☐ Bailer ☐ Air ☐ Flowing
☐ Artesian

Temperature of water 56 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 Clackamas Latitude _____ Longitude _____
Township 5-S N or S Range 2-E E or W. WM.
Section 6 SW 1/4 NE 1/4
Tax Lot 1701 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 30370 S Cramer Rd Molalla OR

(10) STATIC WATER LEVEL:

21 ft. below land surface. Date 5-13-99
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 4 ft

From	To	Estimated Flow Rate	SWL
4	4	5	3 ft
13	15	?	3 ft
51	178	100	21

(12) WELL LOG:

Ground Elevation _____

Material	From	To	SWL
Soil with gravel	0	2	
Gray clay with gravel	2	4	
Brown clay	4	13	
Simi-large gravel	13	15	3
Brown clay with large gravel	15	36	
Tight large gravel with red sandy clay	36	51	
Tight large sand + gravel	51	59	
Loose large sand + gravel	59	62	
3 in gravel with trace of brown clay	62	78	
large gravel + brown clay	78	103	
Tight sand + gravel with clay binder	103	114	
Sandy brown clay + gravel	114	122	
Gravel with trace of brown clay	122	124	

Cont Pg 2

Date started 2-9-99 Completed 5-13-99

(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 water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

Signed [Signature] WWC Number 1629
Date 5-14-99

(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 water supply well construction standards. This report is true to the best of my knowledge and belief.

Signed Floyd J. Japp WWC Number 1273
Date 5-14-99

RECEIVED
MAY 20 1999

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

WATER RESOURCES DEPT.
SALEM, OREGON

Pg 2 of 3
WELL I.D. # L 27842
START CARD # 121137

Instructions for completing this report are on the last page of this form.

(1) OWNER: Well Number _____
Name Gary Ferschweiler
Address 30370 S Cramer Rd
City Medalla State OR Zip 97038

(2) TYPE OF WORK
☒ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:
☐ Rotary Air ☐ Rotary Mud ☒ Cable ☐ Auger
☐ Other _____

(4) PROPOSED USE:
☐ Domestic ☐ Community ☐ Industrial ☒ Irrigation
☐ Thermal ☐ Injection ☐ Livestock ☐ Other _____

(5) BORE HOLE CONSTRUCTION:
Special Construction approval ☐ Yes ☒ No Depth of Completed Well 218 ft.
Explosives used ☐ Yes ☒ No Type _____ Amount _____

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	

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

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:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

		Method		Material		Casing	Liner
From	To	Slot size	Number	Diameter	Tele/pipe size		
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump	☐ Bailer	☐ Air	☐ Flowing
Yield gal/min	Drawdown	Drill stem at	Artesian

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 Clackamas Latitude _____ Longitude _____
Township 5-S N or S Range 2-E E or W. WM.
Section 6 SW 1/4 NE 1/4
Tax Lot 1701 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) Same as #1

(10) STATIC WATER LEVEL:
21 ft. below land surface. Date 5-13-99
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
Brown clay + gravel	124	132	
Sand packed - brown	132	135	
clay brown sticky	135	139	
clay sandy brown	139	141	
Very Sandy clay + gravel	141	148	
Gravel with trace of			
brown clay	148	153	
Sticky brown clay	153	155	
Sandy brown + red clay	155	158	
Gravel with gray clay	158	163	
Gravel with trace of			
blue sandy clay	163	173	
clay + gravel gray sandy	173	178	
clay blue	178	181	
Sand very fine with			
gray clay	181	187	
clay dark gray + blue	187	194	
Sand med. fine gray	194	197	
Cont Pg 3			

Date started 2-9-99 Completed 5-13-99
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Date 5-14-99

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CLAC
545746

Pg 3 of 3

WELL I.D. # L 27842

START CARD # 121137

Well Number

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

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

Special Construction approval ☐ Yes ☐ No Depth of Completed Well 218 ft.
Explosives used ☐ Yes ☐ No Type: _____ Amount _____

SEAL

Diameter	From	To	Material	From	To	Sacks or pounds

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

Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) **TEST CHART**

☐ Perforations Method _____

☐ Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

☐ Pump	☐ Bailer	☐ Air	☐ Flowing Artesian
Yield gal/min	Drawdown	Drill stem at	Time
			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

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Artesian pressure lb. per square inch. Date

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From	To	Estimated Flow Rate	SWL

Ground Elevation _____

[illegible]

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WWC Number 1273

Signed Floyd G. Lunsford Date 5-14-99

