Approved:

MEMO

To: Kristopher Byrd, Well Construction Manager

From: Tommy Laird, Well Construction Program Coordinator

Subject: Review of Water Right Application G-19441

Date: May 13, 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 (LINN 62466): 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 #3 (LINN 62681): Based on a review of the Well Report, Applicant's Well #3 seems to protect the groundwater resource.

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

Applicant's Well #4 (LINN 60537): Based on a review of the Well Report, Applicant's Well #4 seems to protect the groundwater resource.

The construction of Well #4 may not satisfy hydraulic connection issues.

Applicant's Well #5 (MARI 68533): Based on a review of the Well Report, Well #5 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, not enough seal material was used to seal the well. In order to meet minimum construction standards, the well must be resealed with an approved grout.

My recommendation is that the Department not issue a permit for Well #5 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 #5 may not satisfy hydraulic connection issues.

LINN 62466

STATE OF OREGON

WATER SUPPLY WELL REPORT (as required by ORS 537.765 & OAR 690-205-0210)

WELL I.D. LABEL# I	131601	
START CARD#	1040161	
ORIGINAL LOG#		

(1) LAND OWNER Owner Well 1.D. 5921	LINN 6246	6
First Name Last Name	(9) LOCATION OF WELL (legal description)	
Company Quiet Meadow Farms	County LINN Twp 10 S N/S Range 2	W E/W WM
Address P.O. Box 717 <u>City</u> <u>Jefferson</u> <u>State</u> <u>OR</u> <u>Zip</u> <u>97352</u>	Sec 17 NW 1/4 of the NW 1/4 Tax Lot 2	200
	Tax Map Number Lot	
(2) TYPE OF WORK New Well Deepening Conversion	Tax Map Number Lot Lat ' " or	DMS or DD
Alteration (complete 2a & 10) Abandonment(complete 5a) (2a) PRE-ALTERATION	Long or or	T 1 (0 T)
Dia + From To Gauge Stl Plstc Wld Thrd	Street address of well Nearest address	
Casing:	36028 Jefferson Scio Dr Jefferson, OR 97352	
Material From To Amt sacks/lbs Seal:		
(3) DRILL METHOD	(10) STATIC WATER LEVEL	· Comment
Rotary Air Rotary Mud Cable Auger Cable Mud	Existing Well / Pre-Alteration Date SWL(psi)	+ SWL(ft)
Reverse Rotary Other	Completed Well 09-06-2018	12.5
(4) PROPOSED USE Domestic Irrigation Community	Flowing Artesian? Dry Hole?	
Industrial/ Commercial Livestock Dewatering		_
Thermal Injection Other		
	SWL Date From To Est Flow SWL(psi)	T SWL(ft)
(5) BORE HOLE CONSTRUCTION Special Standard (Attach copy	09-06-2018 24 63 500-	12.5
Depth of Completed Well 65.5 ft. BORE HOLE SEAL SEAL		
BORE HOLE SEAL sacks. Dia From To Material From To Amt lbs		
16 0 65.5 Bentonite 0 18 90 5		
Calculated 16	1	
	TIN WELL LOC	
Calculated	(11) WELL LOG Ground Elevation	
How was seal placed: Method A B C D E	Material From	То
X Other Poured dry	Sandy loam 0	8
Backfill placed from ft. to ft. Material	Cemented gravel 8 Gravel & sand 12	12
Filter pack from ft. to ft. Material Size	Gravel & sand RECEIVED 12 Gravel cemented 24	32
Explosives used: Yes Type Amount	Clay & gravel 32	38
(5a) ABANDONMENT USING UNHYDRATED BENTONITE	Gravel & sand NOV 2 9 2018 38	58
Proposed Amount Pounds Actual Amount Pounds	Cemented gravel 58	63
(6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	Blue grey sandstone 63	65.5
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	OWRD	
● ○ 12 × 2 65.5 250 ● ○ ×		
	JONES DRILLING CO., INC.	RECEIVE
	29400 SANTIAM HWY.	SEP 1 2 20
	LEBANON, OR 97355	OLI 12
Shoe Inside Outside Other Location of shoe(s)	541-367-2560 541-451-2686	OWED
Temp casing X Yes Dia 16 From 0 To 65.5	1-800-915-8388	OWRD
(7) PERFORATIONS/SCREENS Perforations Method Torch cut	1-800-215-8588	
Screens Type Material	Date Started08-26-2018 Completed 09-06-20	18
Perf/S Casing/ Screen Scrn/slot Slot # of Tele/	(unbonded) Water Well Constructor Certification	
creen Liner Dia From To width length slots pipe size Perf Casing 19.5 64 .375 12 400	I certify that the work I performed on the construction, deepe	ning alteration or
101 Casing 19,5 04 .575 12 400	abandonment of this well is in compliance with Oregon	
	construction standards. Materials used and information reported	
	the best of my knowledge and belief.	
	License Number 1411 Date 09-10-2018	
(8) WELL TESTS: Minimum testing time is 1 hour	a U.J. Duck	
Pump Bailer • Air Flowing Artesian	Signed	
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	(bonded) Water Well Constructor Certification	
500 59 1	I accept responsibility for the construction, deepening, alteration	on, or abandonment
	work performed on this well during the construction dates report	ed above. All work
	performed during this time is in compliance with Oregon	
Temperature 62 °F Lab analysis Yes By	construction standards. This report is true to the best of my know	viedge and belief.
Water quality concerns? Yes (describe below) TDS amount 160	License Number 1684 Date 09-10-2018	
From To Description Amount Units	Signed	
	Signed Contact Inf (optional) jonesdrilling@hotmail.com	
	Contact Into (optional) Jonesarphing aniounian.com	
ORIGINAL - WATER RESOURCES	DEPARTMENT	

WELL I.D. LABEL# L 128949 STATE OF OREGON 1042218 START CARD# WATER SUPPLY WELL REPORT (as required by ORS 537.765 & OAR 690-205-0210) **ORIGINAL LOG#** (1) LAND OWNER Owner Well I.D. 5980 Last Name (9) LOCATION OF WELL (legal description) Company Quiet Meadow Farms Twp_10 S N/S Range 2 Address P.O. Box 717 1/4 of the NW 1/4 Tax Lot 200 Sec 17 SE City Jefferson Zip 97352 State OR Tax Map Number (2) TYPE OF WORK New Well Deepening Conversion DMS or DD Alteration (complete 2a & 10) Abandonment(complete 5a) ⁻" ог DMS or DD (2a) PRE-ALTERATION Nearest address Street address of well Casing: Densmore Rd. - Jefferson, OR 97352 From <u>Amt</u> Seal: (10) STATIC WATER LEVEL (3) DRILL METHOD Rotary Air Rotary Mud Cable Auger Cable Mud SWL(psi) Existing Well / Pre-Alteration Reverse Rotary Other Completed Well 03-27-2019 Domestic X Irrigation Community Flowing Artesian? Dry Hole? (4) PROPOSED USE Industrial/ Commericial Livestock Dewatering Depth water was first found 20 WATER BEARING ZONES Thermal Injection Other SWL Date To Est Flow SWL(psi) + SWL(ft) From (5) BORE HOLE CONSTRUCTION Special Standard (Attach copy) 03-28-2019 Depth of Completed Well 60 **BORE HOLE** SEAL To Dia From Material From Amt lbs 18 16 0 63 Bentonite 20 S Calculated 14.9 (11) WELL LOG Calculated Ground Elevation Method How was seal placed: From To Material Other Poured dry Brown clay 0 2 Brown sandy loam 8 Backfill placed from ___ __ ft. to ___ __ ft. Material. Cemented sand & gravel 15 Filter pack from _ ft. to _____ft. Material 40 15 Sand & gravel JYes Type_ Explosives used: Amount Sand & large gravel 40 63 (5a) ABANDONMENT USING UNHYDRATED BENTONITE Hole naturally caved to 18' between 16" & 12" Pounds Proposed Amount Actual Amount (6) CASING/LINER Casing Dia Pistc From Tο Gauge Thrd Liner JONES DRILLING CO., INC. 29400 SANTIAM HWY. LEBANON, OR 97355 Other Outside Inside Location of shoe(s) Temp casing X Yes Dia_16 From 0 1-800-915-8388 (7) PERFORATIONS/SCREENS Perforations Method Torch (acetylene) Screens Type_ Date Started 03-27-2019 _Completed 03-29-2019 Material Perf/S Casing/ Screen # of Tele/ Scrn/slot Slot (unbonded) Water Well Constructor Certification creen Liner width length slots pipe size I certify that the work I performed on the construction, deepening, alteration, or Casing 60 500 Perf 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 1888 |---

Signed

(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, 1684	Date 5/16/19
Signed /	
Contact Info (optional) jonesdrilling	g@hotmail.com

ORIGINAL - WATER RESOURCES DEPARTMENT

O Flowing Artesian

Drill stem/Pump depth Duration (hr)

MAY 20 2019

°F Lab analysis ∟ Yes By. To RECEIVED ption

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

O Bailer

Drawdown

Air

O Pump

Yield gal/min

LINN 60537

STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS 537.765 & OAR 690-205-0210)

Revised

WELL LABEL # L	110124
OTLINE CLINE	1020045

(1) LAND OWNER Owner Well I.D. 5357	
	(9) LOCATION OF WELL (legal description)
First Name Thomas Last Name Avinelix	County LINN Twp 10 S N/S Range 2 W E/W WM
Company Quiet Meadows Farm	Sec 17 NW 1/4 of the SW 1/4 Tax Lot 300
Address 38615 Densmore Rd. City Jefferson State OR Zip 97352	Tax Map Number Lot
	Lat o o or or DMS or DD
(2) TYPE OF WORK New Well Deepening Conversion	2016
Alteration (repair/recondition) Abandonment	Street address of well Nearest address
(3) DRILL METHOD	38615 Densmore Rd. Jefferson, OR 97352
Rotary Air Rotary Mud Cable Auger Cable Mud Reverse Rotary Other	(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)
(4) PROPOSED USE Domestic X Irrigation Community	Existing Well / Predeepening
Industrial/ Commercial Livestock Dewatering	Completed Well 09-03-2013 5
Thermal Injection Other	Flowing Artesian? Dry Hole?
	WATER BEARING ZONES Depth water was first found 20
(5) BORE HOLE CONSTRUCTION Special Standard Attach copy	
Depth of Completed Well 59 ft.	09-03-2013 20 59 600+ 5
BORE HOLE SEAL sacks/ Dia From To Material From To Amt lbs	
Dia From To Material From To Amt lbs 16 1 59 Bentonite 0 18 42 S	
3 June 10 12 5	
	(11) WELL LOC
	(11) WELL LOG Ground Elevation
How was seal placed: Method A B C D E	Material From To
X Other Poured dry	Topsoil 0 2
Backfill placed from ft. to ft. Material	Brown clay 2 15 Black sand 15 30
Filter pack from 18 ft. to 32 ft. Material washed rock Size 3/4&1/2	Black sand 15 30
Explosives used: Yes Type Amount	Gravel and sand cemented 48 54
(6) CASING/LINER	Sand & Gravel 54 60
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	
●	Naturally caved gravel pack rock
	from 32 + 59
	BECEIVED BY DV
	JONES DRILLING CO., INC.
Shoe Inside Outside Other Location of shoe(s)	29400 SANTIAM HWY.
Temp casing X Yes Dia 16 From 0 To 59	
(7) PERFORATIONS/SCREENS	LEBANON, OR 97355
Perforations Method Torch cut	541-367-2560 541-451-2686
Screens Type Material	1-800-915-8388 SALEM, OR
Perf/S Casing/ Screen Scm/slot Slot # of Tele/ creen Liner Dia From To width length slots pipe size	Date Started 08-30-2013 Completed 09-03-2013
Creen Liner Dia From To width length slots pipe size Perf Casing 12 32 59 .438 10 325	(unbonded) Water Well Constructor Certification
1 32 37 130 10 323	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.
(8) WELL TESTS: Minimum testing time is 1 hour	License Number 1888 Date 09-17-2013
Pump Bailer Air Flowing Artesian	Password : (if filing electronically)
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	Signed Kan Hevvett
600 t 50 2	(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
Temperature 53 °F Lab analysis Yes By	performed during this time is in compliance with Oregon water supply well
Water quality concerns? Yes (describe below)	construction standards. This report is true to the best of my knowledge and belief.
From To Description Amount Units	License Number 168; Date 09-17-2013
	Password (infilingelection untilly)
	Signed
	Contact Info (optional) jonesd thin whom all con
ORIGINAL - WATER RESOURCES OF THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT OF THE WATER R	

LINN 60537

STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS 537.765 & OAR 690-205-0210)

WELL LABEL # L	110124
START CARD#	1020945

(1) I AND OWNED Owner Well D 5257	
(1) LAND OWNER Owner Well I.D. 5357	(9) LOCATION OF WELL (legal description)
First Name Last Name	County LINN Twp 10 S N/S Range 2 W E/W WM
Company Riverbend Organic Farms	Sec <u>17 NW 1/4 of the SW 1/4 Tax Lot 300</u>
Address 35711 Helms Dr.	Tax Map Number Lot
City Jefferson State OR Zip 97352	Lat o DMS or DD
(2) TYPE OF WORK New Well Deepening Conversion	Long or DMS or DD
Alteration (repair/recondition) Abandonment	Street address of well Nearest address
(2) DDILL METHOD	38615 Densmore Rd., Jefferson, OR 97352
(3) DRILL METHOD Rotary Air Rotary Mud Cable Auger Cable Mud	
Reverse Rotary Other	(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)
	Date SWL(psi) + SWL(ft) Existing Well / Predeepening
(4) PROPOSED USE Domestic Irrigation Community	Completed Well 09-03-2013 5
Industrial/Commercial Livestock Dewatering	Flowing Artesian? Dry Hole?
Thermal Injection Other	WATER BEARING ZONES Depth water was first found 20
(5) BORE HOLE CONSTRUCTION Special Standard Attach copy)	SWL Date From To Est Flow SWL(psi) + SWL(ft)
Depth of Completed Well 59 ft.	09-03-2013 20 59 600+ 5
BORE HOLE SEAL sacks/	
Dia From To Material From To Amt Ibs	
16 1 59 Bentonite 0 18 42 S	
	(11) WELL LOG Ground Elevation
How was seal placed: Method A B C D E	Material From To
▼Other Poured dry	Topsoil 0 2
Backfill placed from ft. to ft. Material	Brown clay 2 15
Filter pack from 18 ft. to 32 ft. Material washed rock Size 3/4&1/2	Black sand 15 30
Explosives used: Yes Type Amount	Sand & gravel 30 48
	Gravel and sand cemented 48 54 Sand & gravel 54 60
(6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	Said & graver
● 12 × 1 59 250 ● ×	Naturally caved gravel pack rock
	from 32 + 59
	RECEIVED BY OWRD
	JONES DRILLING CO., INC.
Shoe Inside Outside Other Location of shoe(s)	20400 CANTIAM HWW
Temp casing X Yes Dia 16 From 0 To 59	4FP Z 4013
(7) PERFORATIONS/SCREENS	LEBANON, OR 97355
Perforations Method Torch cut	541-367-2560 541-451-2686
Screens Type Material	1-800-915-8388 SALEM, OR
Perf/S Casing/Screen Scm/slot Slot # of Tele/	
creen Liner Dia From To width length slots pipe size	Date Started 08-30-2013 Completed 09-03-2013
Perf Casing 12 32 59 438 10 325	(nnbonded) 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.
(O) WIELL TERGER ACT	
(8) WELL TESTS: Minimum testing time is 1 hour	License Number 1888 Date 09-09-2013 Password: (if filing-electron party)
Pump Bailer • Air Flowing Artesian	Signed Com
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr) 600→ 50 2	
600+ 50 2	(bonded) Water Well Constructor Certification
	1 accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work
Temperature 53 °F Lab analysis Yes By	performed during this time is in compliance with Oregon water supply well
Water quality concerns? Yes (describe below)	construction standards. This report is true to the best of my knowledge and belief.
From To Description Amount Units	License Number 1684 Date 09-09-2013
	Password : (if filing electronically)
	Signed M
	Contact Info (optional) jonesdrilling@hotmail.com
ODICINAL WATER RECOIDES D	EDADEL (EDE

AMENDED 10-22-2020 STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS 537.765 & OAR 690-205-0210)

RECEIVED MARI 68533 MAY 1 3 2019

VELL I.D. LABEL# L	131605
START CARD #	1042551
ORIGINAL LOG #	

(1) LAND OWNER Owner Well I.D. 5994	MARI- 68533
First Name Last Name OWRD	(9) LOCATION OF WELL (legal description)
Company Quiet Meadow Farms	County MARION INN Twp 10 S N/S Range 2 W E/W WM
Address P.O. Box 717	Sec 17 NW 1/4 of the NE 1/4 Tax Lot 203
City Jefferson State OR Zip 97352	
(2) TYPE OF WORK X New Well Deepening Conversion	Tax Map Number Lot Lat " or DMS or DD
Alteration (complete 2a & 10) Abandonment(complete 5a)	
(2a) PRE-ALTERATION	I Long
<u>Dia + From To Gauge Stl Plstc Wld Thrd</u>	Street address of well Nearest address
Casing:	36226 Jefferson Scio Dr Jefferson, OR 97352
Material From To Amt sacks/lbs	
Seal:	(10) OT ATIC WATER I EVEL
(3) DRILL METHOD	(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)
Rotary Air Rotary Mud Cable Auger Cable Mud	Date SWL(psi) + SWL(ft) Existing Well / Pre-Alteration
Reverse Rotary Other	Completed Well 05-01-2019 21
(4) PROPOSED USE Domestic XIrrigation Community	Flowing Artesian? Dry Hole?
Industrial/ Commercial Livestock Dewatering	
	WATER BEARING ZONES Depth water was first found 64
Thermal Injection Other	SWL Date From To Est Flow SWL(psi) + SWL(ft)
(5) BORE HOLE CONSTRUCTION Special Standard (Attach copy)	05-01-2019 64 87 500 21
Depth of Completed Well 89 ft.	
BORE HOLE SEAL sacks/	
Dia From To Material From To Amt lbs	
16 0 89 Bentonite 0 18 10 S	 - - - - - - -
Calculated 9	
	(11) WELL LOC
Calculated	(11) WELL LOG Ground Elevation
How was seal placed: Method A B C D E	Material From To
XOther Poured dry	Topsoil 0 2
Backfill placed from ft. to ft. Material	Brown clay 2 10
Filter pack from ft. toft. MaterialSize	Cemented gravel 10 27
Explosives used: Yes Type Amount	Gravel & sand cemented 27 35
***************************************	Cemented gravel 35 70
(5a) ABANDONMENT USING UNHYDRATED BENTONITE	Blue gravel & sand 70 84
Proposed Amount Pounds Actual Amount Pounds	Blue clay 84 89
(6) CASING/LINER_	
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	
	JONES DRILLING CO., INC.
	29400 SANTIAM HWY.
	LEBANON, OR 97355
Shoe Inside Outside Other Location of shoe(s)	541-367-2560 541-451-2686
Temp casing X Yes Dia 16 From 0 To 89	
(7) PERFORATIONS/SCREENS	1-800-915-8388
Perforations Method Torch cut	
Screens Type Material	Date Started 04-25-2019 Completed 05-01-2019
Perf/S Casing/ Screen Scrn/slot Slot # of Tele/	
creen Liner Dia From To width length slots pipe size	(unbonded) Water Well Constructor Certification
Perf Casing 27 87 .625 12 800	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.
	l
	License Number, 141,1 Date 5/07/19
(8) WELL TESTS: Minimum testing time is 1 hour	Signed
Pump Bailer Air Flowing Artesian	Signed
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	(bonded) Water Well Constructor Certification
500 80 1	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
Temperature 6I °F Lab analysis Yes By	construction standards. This report is true to the best of my knowledge and belief.
	License Number 1684 Date 5/07/19
Water quality concerns? Yes (describe below) TDS amount 176 From To Description Amount Units	
	Signed
	Contact Info (ortional) joylesdrilling (Motmail.com
ORIGINAL - WATER RESOURCES D	EPARTMENT //