

STATE OF OREGON WATER SUPPLY WELL REPORT

MARI 70669

WELL I.D. LABEL# L

144160

START CARD #

1055133

12/14/2022

ORIGINAL LOG #

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

(1) LAND OWNER

Owner Well I.D.

First Name BRUCE Last Name ERNST
Company BRUCE W ERNST LT
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 198.33 ft.

Table with columns: Dia, From, To, Material, From, To, Amt, sacks/lbs. Includes rows for Bentonite Chips and Calculated values.

How was seal placed: Method A B C D E

Other OAR 690-210-340

Backfill placed from ft. to ft. Material

Filter pack from 112 ft. to 117 ft. Material CSS Size 6/9

Explosives used: Yes Type Amount

(5a) ABANDONMENT USING UNHYDRATED BENTONITE

Proposed Amount Actual Amount

(6) CASING/LINER

Table with columns: Casing, Liner, Dia, From, To, Gauge, Stl, Plstc, Wld, Thrd. Includes rows for 12" and 8" diameters.

Shoe Inside Outside Other Location of shoe(s) 110.83

Temp casing Yes Dia From + To

(7) PERFORATIONS/SCREENS

Perforations Method

Screens Type v wire Material Stainless

Table with columns: Perf/ Screen, Casing/ Screen, Dia, From, To, Scrn/slot width, Slot length, # of slots, Tele/ pipe size. Includes rows for 8" diameter screens.

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

Pump Bailer Air Flowing Artesian

Table with columns: Yield gal/min, Drawdown, Drill stem/Pump depth, Duration (hr). Includes rows for 250 and 160 yield.

Temperature 54 F Lab analysis Yes By

Water quality concerns? Yes (describe below) TDS amount 106 ppm

Table with columns: From, To, Description, Amount, Units.

(9) LOCATION OF WELL (legal description)

County MARION Twp 4.00 S N/S Range 1.00 W E/W WM

Sec 22 SE 1/4 of the SE 1/4 Tax Lot 800

Tax Map Number Lot

Lat " or 45.20385013 DMS or DD

Long " or -122.78531686 DMS or DD

Street address of well Nearest address

19686 GRIM RD, AURORA, OREGON IS NEAREST ADDRESS

(10) STATIC WATER LEVEL

Date SWL(psi) + SWL(ft)

Table with columns: Existing Well / Pre-Alteration, Completed Well, Date, SWL(psi), SWL(ft). Includes row for 11/21/2022 with 49 ft SWL.

Flowing Artesian? Dry Hole?

WATER BEARING ZONES

Depth water was first found 75.00

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

Table with columns: SWL Date, From, To, Est Flow, SWL(psi), SWL(ft). Includes rows for dates 9/22/2022 to 9/30/2022.

(11) WELL LOG

Ground Elevation

Table with columns: Material, From, To. Lists soil layers like Topsoil, Clay, Silt, Sand, etc.

Date Started 9/20/2022

Completed 11/17/2022

(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.

License Number 1704 Date 11/30/2022

Signed LARRY AMOS (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.

License Number 783 Date 12/14/2022

Signed IVAN GROSSEN (E-filed)

Contact Info (optional)

WATER SUPPLY WELL REPORT - continuation page

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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	lbs
						Calculated	
						Calculated	
						Calculated	
						Calculated	

FILTER PACK			
From	To	Material	Size
117	198	PEA GRAVEL	3/8

(6) CASING/LINER

Casing Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

(7) PERFORATIONS/SCREENS

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

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

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
Sand, black, loose	189	194
Clay, greenish gray, med, sticky	194	198.33
clay gray	194	198.33

Comments/Remarks

Bottom plate welded at 198.33
lift bail at 195.5'

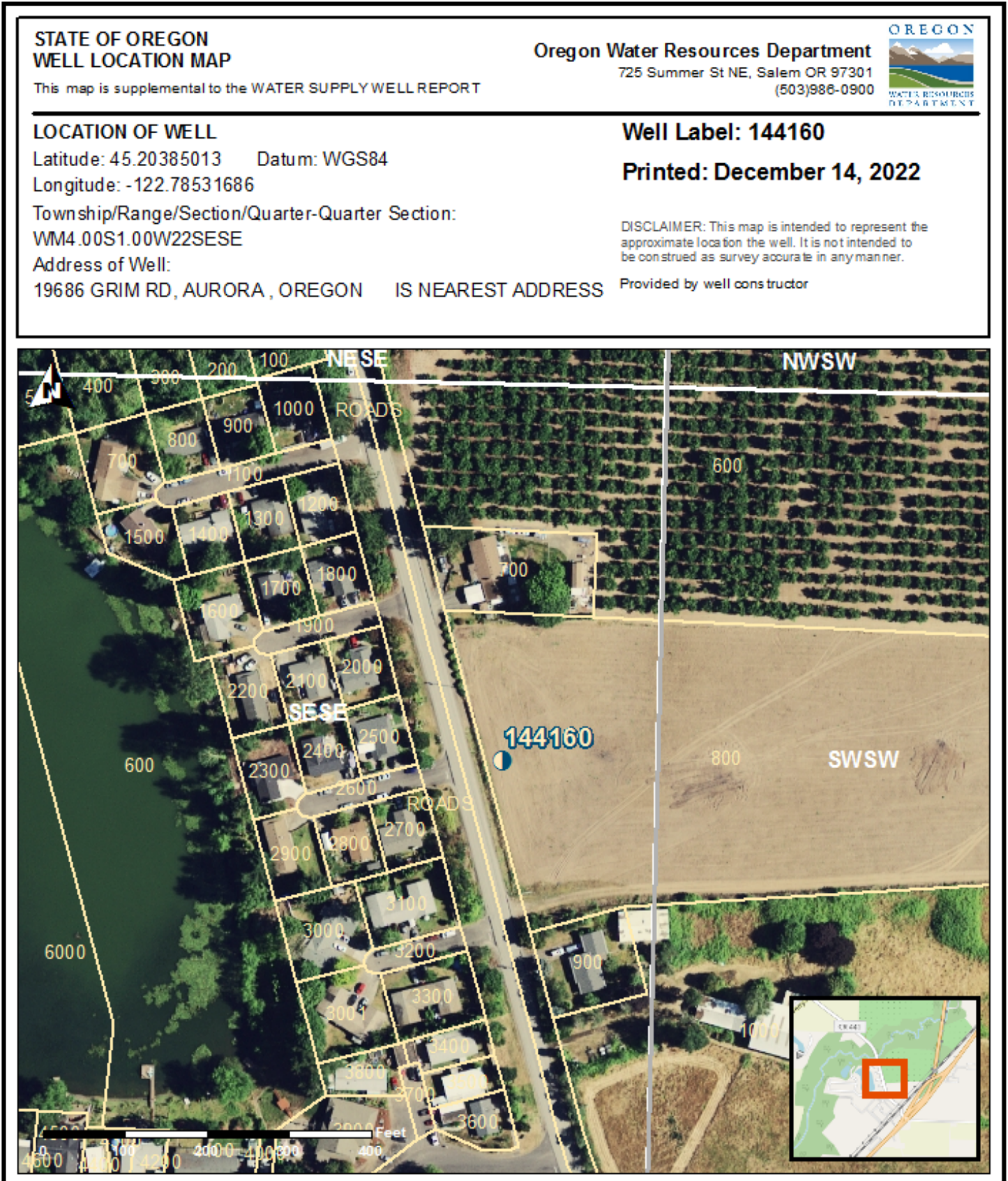
transfer no. T12962
claim gr- 2447

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

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Map of Hole



Map of Hole

