

Approved:



MEMO

To: Kristopher Byrd, Well Construction Section Manager
From: Tommy Laird, Well Construction Program Coordinator
Subject: Review of Water Right Application LL-1998
Date: March 16, 2026

The attached application was forwarded to the Well Construction and Compliance Section by the Groundwater Section. Josh Hackett reviewed the application. Please see Josh's Groundwater Review and the Well Reports.

Applicant's Well #2 (WASC 52152/WASC 52225): Based on a review of the Well Reports, Applicant's Well #2 seems to protect the groundwater resource.

The construction of Applicant's Well #2 may not satisfy hydraulic connection issues to surface water.

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

WASC 52152

WELL I.D. LABEL# L

114528

START CARD #

1022832

6/21/2014

ORIGINAL LOG #

(1) LAND OWNER

Owner Well I.D.

First Name BOB Last Name KREIN
Company
Address PO BOX 158
City MAUPIN State OR Zip 97037

(2) TYPE OF WORK

[X] New Well [] Deepening [] Conversion
[] Alteration (complete 2a & 10) [] Abandonment (complete 5a)

(2a) PRE-ALTERATION

Casing: Dia + From To Gauge Stl Plstc Wld Thrld
Material From To Amt sacks/lbs
Seal:

(3) DRILL METHOD

[X] Rotary Air [] Rotary Mud [] Cable [] Auger [] Cable Mud
[] Reverse Rotary [] Other

(4) PROPOSED USE

[] Domestic [X] Irrigation [] Community
[] Industrial/ Commercial [] Livestock [] Dewatering
[] Thermal [] Injection [] Other

(5) BORE HOLE CONSTRUCTION

Special Standard [] (Attach copy)

Depth of Completed Well 416.00 ft.

Table with columns: Dia, From, To, Material, SEAL, Amt, lbs. Row 1: 12, 0, 38, Bentonite Chips, 0, 38, 22, S. Row 2: 8, 38, 416.

How was seal placed: Method [] A [] B [] C [] D [] E

[X] Other POURED DRY

Backfill placed from ___ ft. to ___ ft. Material

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

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, Thrld. Row 1: 8, 2, 38, .250, [X]. Row 2: 6, 0, 416, .188, [X].

Shoe [] Inside [] Outside [] Other Location of shoe(s)

Temp casing [] Yes Dia From To

(7) PERFORATIONS/SCREENS

Perforations Method AIR PERFERATOR

Screens Type Material

Table with columns: Perf/ Screen, Casing/ Screen, Dia, From, To, Scrn/slot width, Slot length, # of slots, Tele/ pipe size. Row 1: 6, 339, 411, .125, 2, 1890.

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

[] Pump [] Bailer [X] Air [] Flowing Artesian

Table with columns: Yield gal/min, Drawdown, Drill stem/Pump depth, Duration (hr). Row 1: 100, 400, 1.

Temperature 55 °F Lab analysis [] Yes By

Water quality concerns? [] Yes (describe below) TDS amount

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

(9) LOCATION OF WELL (legal description)

County WASCO Twp 5.00 S N/S Range 15.00 E E/W WM
Sec 2 NE 1/4 of the SE 1/4 Tax Lot 100
Tax Map Number Lot
Lat " or 45.16063889 DMS or DD
Long " or -120.89219444 DMS or DD
[] Street address of well [X] Nearest address

BAKE OVEN RD
MAUPIN ,OR

(10) STATIC WATER LEVEL

Table with columns: Existing Well / Pre-Alteration, Date, SWL(psi), SWL(ft). Row 1: 6/18/2014, 230.

Flowing Artesian? [] Dry Hole? []

WATER BEARING ZONES

Depth water was first found 330.00

Table with columns: SWL Date, From, To, Est Flow, SWL(psi), SWL(ft). Row 1: 6/17/2014, 330, 416, 100, 230.

(11) WELL LOG

Ground Elevation 2326.00

Table with columns: Material, From, To. Rows include CLAY, BASALT CLAY BROWN, BASALT GRAY, BASALT BROWN, BASALT GRAY, BASALT BROWN, BASALT BLACK GRAY, BASALT GRAY BROWN, BASALT GRAY, BASALT WEATHERED LAYER, BASALT GRAY FRACTURED VESICLAR LAYER, BASALT WEATHERED LAYERS.

Date Started 6/16/2014 Complete 6/18/2014

(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 758 Date 6/21/2014

Signed THOMAS R PECK (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 1720 Date 6/21/2014

Signed JACK ABBAS (E-filed)

Contact Info (optional)

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

10/16/2014

WELL I.D. LABEL# L 4022892 1145a8
START CARD # 1024488
ORIGINAL LOG # WASCO 52152

(1) LAND OWNER Owner Well I.D.
First Name BOB Last Name KREIN
Company
Address PO BOX 158
City MAUPIN State OR Zip 97037

(2) TYPE OF WORK
New Well Deepening Conversion
Alteration (complete 2a & 10) Abandonment (complete 5a)

(2a) PRE-ALTERATION
Dia + From To Gauge Stl Plstc Wld Thrd
Casing: 8 X 2 38 250
Material From To Amt sacks/lbs
Seal: Bentonite Chips 0 38 22 Sacks

(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 416.00 ft.

Table with columns: Dia, From, To, Material, From, To, Amt, lbs. Rows include Cement seal data.

How was seal placed: Method A B C D E
Backfill placed from ft. to ft. Material
Filter pack from ft. to ft. Material Size
Explosives used: Yes Type Amount

(5a) ABANDONMENT USING UNHYDRATED BENTONITE
Proposed Amount Actual Amount

(6) CASING/LINER
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd
Shoe Inside Outside Other Location of shoe(s)
Temp casing Yes Dia From To

(7) PERFORATIONS/SCREENS
Perforations Method MACHINE
Screens Type Material
Perf/ Casing/ Screen Dia From To Scrn/slot Slot # of Tele/
Screen/Liner Dia From To width length slots pipe size

(8) WELL TESTS: Minimum testing time is 1 hour
Pump Bailer Air Flowing Artesian
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)

Temperature 55 °F Lab analysis Yes By
Water quality concerns? Yes (describe below) TDS amount
From To Description Amount Units

(9) LOCATION OF WELL (legal description)
County WASCO Twp 5.00 S N/S Range 15.00 E E/W WM
Sec 2 NE 1/4 of the SE 1/4 Tax Lot 100
Tax Map Number Lot
Lat " or 45.16063889 DMS or DD
Long " or -120.89219444 DMS or DD
Street address of well Nearest address

BAKE OVEN RD
MAUPIN,OR

(10) STATIC WATER LEVEL
Date SWL(psi) + SWL(ft)
Existing Well / Pre-Alteration 10/2/2014 230
Completed Well 10/4/2014 230
Flowing Artesian? Dry Hole?

WATER BEARING ZONES
SWL Date From To Est Flow SWL(psi) + SWL(ft)
10/2/2014 330 416 100 230

(11) WELL LOG
Ground Elevation 2326.00
Material From To

Date Started 10/2/2014 Complete 10/4/2014

(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 758 Date 10/15/2014

Signed THOMAS R PECK (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 1720 Date 10/16/2014

Signed JACK ABBAS (E-filed)

Contact Info (optional)

