Approved: July

# Мемо

| To:      | Kristopher Byrd, Well Construction Manager         |
|----------|--|
| From:    | Tommy Laird, Well Construction Program Coordinator |
| Subject: | Review of Water Right Application G-19392          |
| Date:    | August 29, 2024                                    |

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 Report.

Applicant's Well #1 (LANE 79123): Based on a review of the Well Report, Applicant's Well #1 seems to protect the groundwater resource.

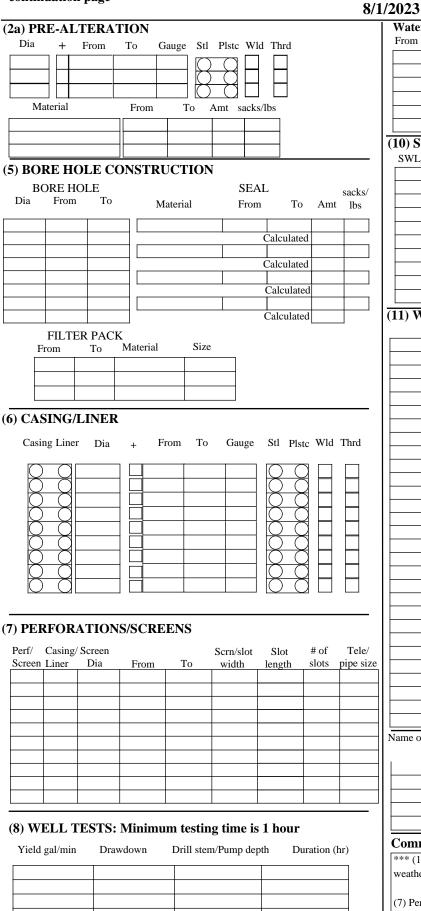
The construction of Applicant's Well 1 may not satisfy hydraulic connection issues.

|  |                  |                               |   |                       | Page 1 of 3              |
|--|------------------|-------------------------------|---|-----------------------|--------------------------|
| STATE OF OREGON  | LANE             | 79123                         | WELL I.D. LABEL# 1                                      | L 149982              |                          |
| WATER SUPPLY WELL REPORT   |                  |                               | START CARD #  | 218824                |                          |
| (as required by ORS 537.545 & 537.765 and OAR 690-205-0210)  | 8/1/2            | 2023                          | ORIGINAL LOG #  |                       |                          |
| (1) LAND OWNER Owner Well I.D.   |                  |                               |   |                       |                          |
| First Name Last Name   | ·                | (9) LOCAT                     | TION OF WELL (legal d                                   | description)          |                          |
| Company HOMES FOR GOOD   |                  |                               | Twp <u>16.00 S N</u>                                    |                       | F F/WWM                  |
| Address 100 W 13TH   |                  |                               | $\frac{1}{5W} \frac{1}{4} \text{ of the } \frac{5}{5E}$ |                       |                          |
| City EUGENE State OR Zip 97401   |                  | Tay Man Numb                  |   | I/4 Tax Lot <u>15</u> | 00                       |
| (2) TYPE OF WORK New Well Deepening Conve  |                  | Tax Wap Nullu                 | Der or 44.1569444                                       | LOI                   | DMS or DD                |
| Alteration (complete 2a & 10) Abandonment(cor  | nplete 5a)       | Lat                           | 0 <u>44:15094444</u>                                    | +<br>770              | _ DMS or DD<br>DMS or DD |
| (2a) PRE-ALTERATION  |                  | Long                          | treet address of well ONe                               | //o                   | _ DMS of DD              |
| Dia     +     From     To     Gauge     Stl     Plstc     Wld     Thrd       Casing:   |                  | $\sim$                        | NZIE HWY BLUE RIVER, 974                                |                       |                          |
|  |                  | 52511 MCKE                    | NZIE HW I BLUE KIVEK, 974                               | +15                   |                          |
| Material From To Amt sacks/lbs<br>Seal:  |                  |                               |   |                       |                          |
| (3) DRILL METHOD   |                  | (10) STATI                    | C WATER LEVEL   |                       |                          |
| X         Rotary Air         Rotary Mud         Cable         Auger         Cable Mud  |                  |                               | Date  | e SWL(psi) +          | SWL(ft)                  |
| Reverse Rotary Other   |                  |                               | /ell / Pre-Alteration                                   |                       |                          |
|  |                  | Completed                     |   |                       | 14                       |
| (4) <b>PROPOSED USE</b> X Domestic Irrigation Community  |                  |                               | Flowing Artesian?                                       | Dry Hole?             |                          |
| Industrial/ Commericial Livestock Dewatering   |                  | WATER BEAR                    | ING ZONES Depth wa                                      | ater was first found  | 14.00                    |
| Thermal Injection Other  | _                | SWL Date                      | -   | t Flow SWL(psi)       |                          |
| (5) BORE HOLE CONSTRUCTION Special Standard (A   |                  |                               |   | -                     |                          |
| Depth of Completed Well <u>60.00</u> ft.   | ttach copy)      | 6/28/2023                     | 18 60   | 75                    | 14                       |
|  | 1 /              |                               |   |                       |                          |
| BORE HOLE SEAL<br>Dia From To Material From To Ar  | sacks/<br>nt lbs |                               |   |                       |                          |
|  | 3 S              |                               |   |                       |                          |
|  | .83              |                               |   |                       |                          |
|  |                  |                               |   |                       |                          |
| Calculated   |                  | (11) WELL                     | LOG Ground Elevatio                                     | on                    |                          |
| Seal placement method A B C D C Other:   |                  |                               | Material  | From                  | То                       |
| Backfill placed from ft. to ft. Material   |                  | top soil loam n               | nixed with large sand/grav                              | 0                     | 11                       |
| Filter pack from ft. to ft. Material Size  |                  | medium sand &                 |   | 11                    | 43                       |
| Explosives used: Type Amount   |                  | medium sand/g                 |   | 43                    | 54                       |
| Seal Placement Begin Date 6/28/2023 Begin Time 15 3  | 0                | md sand/grave                 | 1 ***see comments                                       | 54                    | 60                       |
|  | -                |                               |   |                       |                          |
| (5a) ABANDONMENT USING UNHYDRATED BENTONIT   | E                |                               |   |                       |                          |
| Proposed Amount Actual Amount  |                  |                               |   |                       |                          |
| (6) CASING/LINER   |                  |                               |   |                       |                          |
| Casing Liner Dia + From To Gauge Stl Plstc V   |                  |                               |   |                       |                          |
| $ \bigcirc \bigcirc 6 \qquad \boxed{X} \qquad 2 \qquad 58 \qquad .250 \qquad \bigcirc \bigcirc \bigcirc $  | <u>×</u> _       |                               |   |                       |                          |
|  |                  |                               |   |                       |                          |
|  |                  |                               |   |                       |                          |
|  |                  |                               |   |                       |                          |
|  |                  |                               |   |                       |                          |
| Shoe Inside Outside Other Location of shoe(s)  |                  |                               |   |                       |                          |
| Temp casing Yes Dia From + To  |                  |                               |   |                       |                          |
| (7) PERFORATIONS/SCREENS   |                  |                               |   |                       |                          |
| Perforations Method holte perforater   |                  | Construction                  |   |                       |                          |
| Screens Type Material  |                  | Construction<br>Begin Date 6/ | 28/2023 Begin Time 00                                   | 00 End Dat            | te_6/28/2023             |
| Perf/ Casing/ Screen Scrn/slot Slot # of   | Tele/            |                               |   |                       | 0,20,2025                |
| Screen Liner Dia From To width length slots  | pipe size        | · /                           | Vater Well Constructor Certif                           |                       |                          |
| Perf Casing 6 30 60 .25 1 90   |                  | 2                             | he work I performed on the co                           | · 1                   | 0,                       |
|  |                  |                               | of this well is in compliance                           |                       |                          |
|  |                  |                               | andards. Materials used and in knowledge and belief.    | normation reported    | above are true to        |
|  |                  | -                             |   | <b>N</b> =4-          |                          |
|  |                  | License Numb                  | D   | Date <u>6/29/2023</u> |                          |
| (8) WELL TESTS: Minimum testing time is 1 hour   |                  | Signed CHI                    | CTON HENDDICKGON (F. CI                                 | 1 1)                  |                          |
| Pump Dailer Air Flowing Ar   | tesian           | <u>CHI</u>                    | ESTON HENDRICKSON (E-fil                                | led)                  |                          |
| Yield gal/min Drawdown Drill stem/Pump depth Duration (http://www.com/pump.depth.com/Pump.depth. | r)               | (bonded) Wat                  | er Well Constructor Certificat                          | tion                  |                          |
| 75 60 1  |                  | I accept respon               | nsibility for the construction, d                       | leepening, alteration | , or abandonmen          |
|  |                  |                               | d on this well during the constru                       |                       |                          |
|  |                  | performed dur                 | ing this time is in compliance                          | ce with Oregon wa     | ater supply well         |
| Temperature 52 °F Lab analysis Yes By  |                  | construction sta              | andards. This report is true to the                     | he best of my knowle  | edge and belief.         |
|  | ppm              | License Numb                  | er 1553 D   | ate 7/26/2023         |                          |
| Water quality concerns?         Yes (describe below) TDS amount 43           From         To         Description   | Units            |                               | 1555  | 1120/2023             |                          |
|  |                  | Signed JEF                    | F HENDRICKSON (E-filed)                                 |                       |                          |
|  |                  | Contact Info (c               | optional) 1553  |                       |                          |
|  |                  |                               |   |                       |                          |

ORIGINAL - WATER RESOURCES DEPARTMENT THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK Form Version: New exempt use wells must be submitted with a map and recording fee.

## WATER SUPPLY WELL REPORT -

#### continuation page



# LANE 79123 WELL I.D. LABEL# L 149982 START CARD # 218824 8/1/2023 ORIGINAL LOG #

#### Water Quality Concerns

| Water Quanty Concerns |    |             |              |   |  |  |
|-----------------------|----|-------------|--------------|---|--|--|
| From                  | То | Description | Amount Units | 5 |  |  |
|                       |    |             |              |   |  |  |
|                       |    |             |              |   |  |  |
|                       |    |             |              |   |  |  |
|                       |    |             |              |   |  |  |
|                       |    |             |              |   |  |  |
|                       |    |             |              |   |  |  |

# (10) STATIC WATER LEVEL

| SWL Date | From | То | Est Flow | SWL(psi) | + | SWL(ft) |
|----------|------|----|----------|----------|---|---------|
|          |      |    |          |          |   |         |
|          |      |    |          |          |   |         |
|          |      |    |          |          | - |         |
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|          |      |    |          |          |   |         |
|          |      |    |          |          |   |         |
|          |      |    |          |          |   |         |

# (11) WELL LOG

| Material  |      | From | То |  |
|---|------|------|----|--|
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|   |      |      |    |  |
|   |      |      |    |  |
| Name of person(s) who assisted with construction and Trainee License # / Helper # |      |      |    |  |
| Assistant Name  | Туре |      | #  |  |
|   |      |      |    |  |
|   |      |      |    |  |
|   |      |      |    |  |

#### **Comments/Remarks**

\*\*\* (11) well log-54' to 60' medium sand & gravel with some fractured weathered blue sandstone

(7) Perforations/screens: perforated 3 side of pipe

WATER SUPPLY WELL REPORT - Map with location identified must be attached and shall include an approximate scale and north arrow LANE 79123

8/1/2023

Map of Hole

### STATE OF OREGON WELL LOCATION MAP

This map is supplemental to the WATER SUPPLY WELL REPORT

# LOCATION OF WELL Latitude: 44.15694444 Datum: WGS84 Longitude: -122.31027778 Township/Range/Section/Quarter-Quarter Section: WM16.00S4.00E22SWSE Address of Well: 52511 MCKENZIE HWY BLUE RIVER, 97413

Oregon Water Resources Department 725 Summer St NE, Salem OR 97301 (503)986-0900



# Well Label: 149982 Printed: June 29, 2023

DISCLAIMER: This map is intended to represent the approximate location the well. It is not intended to be construed as survey accurate in any manner.

Provided by well constructor

