

Approved:



MEMO

To: Kristopher Byrd, Well Construction Manager
From: Tommy Laird, Well Construction Program Coordinator
Subject: Review of Water Right Application G-19293
Date: October 23, 2024

The attached application was forwarded to the Well Construction Section by the Groundwater Section. Gabriela Ferreira and Dennis Orlowski reviewed the application. Please see Gabriela's and Dennis' Groundwater Review and the Well Report.

Applicant's Well # "Well 1" (WASH 76907): Based on a review of the Well Report, Applicant's Well # "Well 1" seems to protect the groundwater resource.

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

STATE OF OREGON WATER SUPPLY WELL REPORT

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

WELL I.D. LABEL# L 127667 START CARD # 215427 ORIGINAL LOG #

(1) LAND OWNER Owner Well I.D. First Name DEREK Last Name ELLERBROOK Company Address P.O. BOX 9073 City PORTLAND State OR Zip 97207

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

(2a) PRE-ALTERATION Dia + From To Gauge Stil Plstc Wid Thrd Casing: Material From To Amt sacks/lbs Seal:

(3) DRILL METHOD [X] Rotary Air [X] Rotary Mud [] Cable [] Auger [] Cable Mud [] Reverse Rotary [] Other

(4) PROPOSED USE [X] Domestic [] Irrigation [] Community [] Industrial/ Commercial [] Livestock [] Dewatering [] Thermal [] Injection [] Other

(5) BORE HOLE CONSTRUCTION Special Standard [] (Attach copy) Depth of Completed Well 693 ft.

Table with columns: Dia, From, To, Material, SEAL, Amt, Sacks/lbs. Rows for 10" and 6" diameters.

How was seal placed: Method [] A [X] B [X] 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 Pounds Actual Amount Pounds

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

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

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

Temperature 65.8 °F Lab analysis [] Yes By Water quality concerns? [] Yes (describe below) TDS amount 155 ppm From To Description Amount Units

Table with columns: Description, Amount, Units. Includes 'RECEIVED' stamp and date 'JUL 30 2018'.

(9) LOCATION OF WELL (legal description) County WASHINGTON Twp 1 N N/S Range 3 W E/W WM Sec 12 NE 1/4 of the NW 1/4 Tax Lot 702 Tax Map Number Lot Lat Long [X] Street address of well [] Nearest address 9614 NW 316TH AVENUE, HILLSBORO, OR 97124

(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft) Existing Well / Pre-Alteration Completed Well 07-26-2018 131 Flowing Artesian? [] Dry Hole? []

WATER BEARING ZONES Depth water was first found 525 SWL Date From To Est Flow SWL(psi) + SWL(ft) 07-26-2018 525 693 95 131

(11) WELL LOG Ground Elevation Material From To BROWN CLAY 0 26 GRAY CLAY 26 37 STICKY GRAY BROWN CLAY 37 49 STICKY BROWN 49 70 SOFT BROWN SANDY CLAY 70 79 STICKY GRAY BROWN CLAY 79 137 SOFT BROWN CLAY 137 150 STICKY GRAY CLAY 150 353 FIRM GRAY CLAY 353 479 DECOMP BROWN BASALT 479 505 HARD GRAY BASALT 505 509 FIRM GRAY BLACK BASALT 509 574 SOFT BLACK BASALT 574 597 FIRM TO HARD GRAY BASALT WITH OCC. 597 FRACTURED GRAY BLACK INTERBEDS 687 SOFT BROWN BASALT 687 693

Date Started 07-11-2018 Completed 07-26-2018

(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 Date 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. License Number 1266 Date 07-26-2018 Signed Contact Info (optional)