

WESTERBERG DRILLING INC.

STATE OF OREGON WATER SUPPLY WELL REPORT

PO BOX 1228 MOLALLA, OR 97038

WELL I.D. LABEL# L 151666 START CARD # 1074093 ORIGINAL LOG # MULTNOMAH 1264

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

(1) LAND OWNER

Owner Well I.D. COP #4 First Name Last Name Company City of Portland, Bureau of Water Works Address 664 N Tillamook Street City Portland State OR Zip 97227

(2) TYPE OF WORK

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

(2a) PRE-ALTERATION

Dia + From To Gauge Std Plstc Wld Thrld Casing: See MULT 1264 Material From To Amt sacks/lbs Seal:

(3) DRILL METHOD

Rotary Air Rotary Mud Cable Auger Cable Mud Reverse Rotary Other Pump Hoist

(4) PROPOSED USE

Domestic Irrigation Community Industrial/ Commercial Livestock Dewatering Thermal Injection Other Municipal

(5) BORE HOLE CONSTRUCTION

Special Standard (Attach copy) Depth of Completed Well ft. BORE HOLE Dia From To Material SEAL From To Amt sacks/lbs See MULT 1264 Cement 9.67 18 S Calculated 18

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

Seal Placement Begin Date 06/11/2024 Begin Time 10 00

(5a) ABANDONMENT USING UNHYDRATED BENTONITE

Proposed Amount Pounds Actual Amount Pounds

(6) CASING/LINER

Casing Liner Dia + From To Gauge Std Plstc Wld Thrld 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 Dia From To Scrn/slot width Slot length # of slots Tele/ pipe size See MULT 1264

(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 56 F Lab analysis Yes By

Water quality concerns? Yes (describe below) TDS amount 171 ppm From To Description Amount Units

(9) LOCATION OF WELL (legal description)

County MULTNOMAH Twp 1 N N/S Range 3 E E/W WM Sec 19 NE 1/4 of the NW 1/4 Tax Lot 300 Tax Map Number Lot Lat or 45.559918 DMS or DD Long or -122.489611 DMS or DD Street address of well Nearest address

16850 NE Marine Dr., Portland, OR 97220

(10) STATIC WATER LEVEL

Table with columns: Date, SWL(psi), SWL(ft). Existing Well / Pre-Alteration 06-11-2024 21.5 Completed Well 06-11-2024 21.5

Flowing Artesian? Dry Hole?

WATER BEARING ZONES

Depth water was first found

Table with columns: SWL Date, From, To, Est Flow, SWL(psi), SWL(ft)

(11) WELL LOG

Ground Elevation

Material From To During routine pump replacement, it was discovered that the 24" casing was separated 13" below well vault floor. Portland Water Bureau in consultation with OWRD staff Travis Kelly & Tommy Laird, designed the following fix. We installed a 11' 8" long piece of 20" x .375 wall casing from the top of the original cement around the 16" casing to 6" under the top of the 24" flange. We then pumped cement between the 20" & 24". After the annulus between the 20" & 24" was pumped full of cement, we welded a 3/8" thick ring between the 20" & 24". No other well alterations were performed.

Construction Begin Date 06-11-2024 Begin Time 08 30 End Date 06-11-2024

(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 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. 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 1487 Date 06-17-2024

Signed Daniel D. Stodt

Contact Info (optional)