

(1) LAND OWNER

Owner Well I.D. PIA QTA

First Name _____ Last Name _____

Company Port of Portland

Address 7000 NE Airport Way

City Portland State OR Zip 97218

(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 Thrld

Casing: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

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 205 ft.

BORE HOLE

SEAL

sacks/lbs

Dia	From	To	Material	From	To	Amt	lbs
20	0	49	Cement	0	49	92	S
16	49	211				34	
			Calculated				
			Calculated				

How was seal placed: Method ☐ A ☐ B ☒ C ☐ D ☐ E☐ Other _____

Backfill placed from 207 ft. to 211 ft. Material CSSI 6x9

Filter pack from 125 ft. to 207 ft. Material CSSI Size 6x9

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 Stl Plstc Wld Thrld

☒	☐	18x16	☒	3.75	150	.375	☒	☐	☒	☐
☒	☐	16	☐	200	207	.375	☒	☐	☒	☐
☒	☐	12x10	☐	125	127	.375	☒	☐	☒	☐
☒	☐	10	☐	127	145	.250	☒	☐	☒	☐
☒	☐	10	☐	200	205	.25	☒	☐	☒	☐

Shoe ☐ Inside ☒ Outside ☐ Other Location of shoe(s) 207Temp casing ☐ Yes Dia _____ From + _____ To _____

(7) PERFORATIONS/SCREENS

Perforations Method _____

Screens Type V-Shaped Wire Wrap Material 304 SS

Perf/	Casing/Screen	Dia	From	To	Scr/slot width	Slot length	# of slots	Tele/ pipe size
Screen	Liner	10	145	200	0.04			PS

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

☒ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)

1,500	7		24

Temperature 60 °F Lab analysis ☐ Yes By _____Water quality concerns? ☐ Yes (describe below) TDS amount 127

From 10 Description Amount Units

(9) LOCATION OF WELL (legal description)

County MULTNOM Twp 1 N N/S Range 2 E E/W WM

Sec 8 SE 1/4 of the NW 1/4 Tax Lot 300

Tax Map Number 1N 2E 8 Lot _____

Lat _____ " or _____ DMS or DD

Long _____ " or _____ DMS or DD

☒ Street address of well ☐ Nearest address

7000 NE Airport Way, Portland, OR 97218

(10) STATIC WATER LEVEL

Date SWL(psi) + SWL(ft)

Existing Well / Pre-Alteration			
Completed Well	09-20-2017		11

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES

Depth water was first found 7

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

05-30-2017	7	13	AM		7
09-20-2017	56	211	1,500+		11

(11) WELL LOG

Ground Elevation _____

Material From To

See Attached Formation Log

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* 18"x16" includes a 1.25' bell reducer at the top of the 16" casing. A flange is welded to top of the 18" reducer.

**10" Casing has a 1/4" steel plate bottom

Date Started 05-24-2017

Completed 09-20-2017

(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 118538

Date 10-04-2017

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 649

Date 10-04-2017

Signed _____

Contact Info (optional) _____

**Port of Portland PIA QTA Water Well
Start Card # 212550 - Well Tag ID # L118538
Formation Log
by Schneider Water Services**

<u>FM</u>	<u>TO</u>	<u>DESCRIPTION</u>
0	5	Sand, grey, medium
5	13	Sand, grey & red, coarse-fine w/occasional gravel, 1-1/2 minus
13	45	Clay, green & tan, soft, silty
45	55	Sand, grey & brown, medium-fine w/wood
55	56	Clay, green, medium, sandy-silty
56	67	Sand, grey & black, fine w/some clay, green, soft
67	82	Sand, grey & black, fine w/some clay, green medium & some wood
82	100	Sand, grey & black, fine
100	108	Sand, grey & black, fine w/some gravel, 1/4 minus
108	110	Sand, grey & black, fine & clay, green firm
110	115	Sand, grey & black, medium-fine
115	130	Cobbles & gravel, 4" minus & sand, grey & black, medium-fine
130	132	Cobbles & gravel & sand, grey & black, medium-fine w/some clay black, soft
132	137	Cobbles & gravel & sand, grey & black, medium-fine
137	139	Cobbles & gravel & sand, black, medium-fine
139	140	Boulder
140	146	Cobbles & gravel & sand, grey & black, coarse-fine
146	148	Cobbles & boulders w/gravel, 4"-
148	161	Cobbles & gravel & sand, black, coarse-fine
161	168	Cobbles & gravel & sand, black, coarse-fine w/some clay
168	173	Sand, black, coarse-fine & gravel, 3/8"- w/some clay, dark grey, soft
173	202	Cobbles & gravel & sand, black, coarse-fine
202	206	Boulder or basalt
206	208	Sand, black, fine-medium
208	209	Sand, black, fine-medium & clay
209	210	Gravel, 2" minus
210	211	Gravel, 2" minus & cobble w/clay, tan & grey, soft-medium, sandy, black, fine-coarse

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