

Approved:



# MEMO

**To:** Kristopher Byrd, Well Construction Manager  
**From:** Tommy Laird, Well Construction Program Coordinator  
**Subject:** Review of Water Right Application G-19263  
**Date:** August 29, 2024

The attached application was forwarded to the Well Construction Section by the Groundwater Section. Joe Kemper reviewed the application. Please see Joe's Groundwater Review.

Applicant's Well # "Well 3" (CROO 54593): Based on a review of the Well Report, Applicant's Well 3 seems to protect the groundwater resource.

The construction of Well 3 may not satisfy hydraulic connection issues.

Applicant's Well # "Well 6" (CROO 54785): Based on a review of the Well Report, Applicant's Well 6 seems to protect the groundwater resource.

The construction of Well 6 may not satisfy hydraulic connection issues.

Applicant's Well # "Well 7" (CROO 54792): Based on a review of the Well Report, Applicant's Well 7 seems to protect the groundwater resource.

The construction of Well 7 may not satisfy hydraulic connection issues.

Applicant's Well # "Well 8" (CROO 54592): Based on a review of the Well Report, Applicant's Well 8 seems to protect the groundwater resource.

The construction of Well 8 may not satisfy hydraulic connection issues.

Applicant's Well # "Well 9" (CROO 54834): Based on a review of the Well Report, Applicant's Well 9 seems to protect the groundwater resource.

The construction of Well 9 may not satisfy hydraulic connection issues.

Applicant's Well # "Well 10" (CROO 54832): Based on a review of the Well Report, Applicant's Well 10 seems to protect the groundwater resource.

The construction of Well 10 may not satisfy hydraulic connection issues.

Applicant's Well # "Well 11" (CROO 54833): Based on a review of the Well Report, Applicant's Well 11 seems to protect the groundwater resource.

The construction of Well 11 may not satisfy hydraulic connection issues.

Applicant's Well # "Well 13" (CROO 54830): Based on a review of the Well Report, Applicant's Well 13 seems to protect the groundwater resource.

The construction of Well 13 may not satisfy hydraulic connection issues.

Applicant's Well # "Well 15" (CROO 54831): Based on a review of the Well Report, Applicant's Well 15 seems to protect the groundwater resource.

The construction of Well 15 may not satisfy hydraulic connection issues.

Applicant's Well # "Well 16" (CROO 54829): Based on a review of the Well Report, Applicant's Well 16 seems to protect the groundwater resource.

The construction of Well 16 may not satisfy hydraulic connection issues.

Applicant's Well # "Well 17" (CROO 54810): Based on a review of the Well Report, Applicant's Well 17 seems to protect the groundwater resource.

The construction of Well 17 may not satisfy hydraulic connection issues.

Applicant's Well # "Well 18" (CROO 54789): Based on a review of the Well Report, Applicant's Well 18 seems to protect the groundwater resource.

The construction of Well 18 may not satisfy hydraulic connection issues.

Applicant's Well # "Well 19" (CROO 54869): Based on a review of the Well Report, Applicant's Well 19 seems to protect the groundwater resource.

The construction of Well 19 may not satisfy hydraulic connection issues.

Applicant's Well # "Well 22" (CROO 54750): Based on a review of the Well Report, Applicant's Well 22 seems to protect the groundwater resource.

The construction of Well 22 may not satisfy hydraulic connection issues.

Applicant's Well # "Well 24" (CROO 54588): Based on a review of the Well Report, Applicant's Well 24 seems to protect the groundwater resource.

The construction of Well 24 may not satisfy hydraulic connection issues.

Applicant's Well # "Well 26" (CROO 53215): Based on a review of the Well Report, Applicant's Well 26 seems to protect the groundwater resource.

The construction of Well 26 may not satisfy hydraulic connection issues.

Applicant's Well # "Well 25", Well # "Well 27", Well # "Well H1", Well # "Well H2", and Well # "Well H3" (Proposed): Well 25, Well 27, and Well H1 through Well H3 are proposed wells, therefore they cannot be reviewed for construction. Construction of these proposed wells shall be

completed in a manner that protects ground water resources as required under Oregon Administrative Rules 690-200 through 690-240. During construction of these wells, specific attention should be paid to ensure sealing requirements are met and that the wells do not commingle aquifers.

The construction of proposed Well 25, Well 27, and Well H1 through Well H3 may not satisfy hydraulic connection issues.

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

CROO 54593

WELL I.D. LABEL# L 127082
START CARD # 1037843
ORIGINAL LOG #

2/19/2018

(1) LAND OWNER

Owner Well I.D. DTW-1
First Name JIM Last Name NEWTON
Company CITY OF PRINEVILLE
Address 387 NE 3RD ST
City PRINEVILLE State OR Zip 97754

(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

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

(4) PROPOSED USE

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

(5) BORE HOLE CONSTRUCTION

Depth of Completed Well 87.00 ft. Special Standard [ ] (Attach copy)

Table with columns: Dia, From, To, Material, From, To, Amt, lbs, Sacks/lbs. Rows include Bentonite Chips and Cement.

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

[X] Other POURED DRY

Backfill placed from 87 ft. to 140 ft. Material PEA GRAVEL

Filter pack from 50 ft. to 87 ft. Material SAND Size 6/9

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. Includes shoe location and temp casing info.

(7) PERFORATIONS/SCREENS

Perforations Method

Screens Type JOHNSON Material STAINLESS

Table with columns: Perf/Screen, Casing/Liner, Dia, From, To, Scrn/slot width, Slot length, # of slots, Tel/pipe size.

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

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

Table with columns: Yield gal/min, Drawdown, Drill stem/Pump depth, Duration (hr). Rows show test results.

Temperature 54 °F Lab analysis [ ] Yes By

Water quality concerns? [ ] Yes (describe below) TDS amount 572 mg/L

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

(9) LOCATION OF WELL (legal description)

County CROOK Twp 15.00 S N/S Range 16.00 E E/W WM
Sec 8 NW 1/4 of the NW 1/4 Tax Lot 201
Tax Map Number Lot
Lat Long
Street address of well [ ] Nearest address [X]

WEST OF MAIN ST/CROOKED RIVER HWY
CROOKED RIVER PARK (DTW-1)

(10) STATIC WATER LEVEL

Table with columns: Date, SWL(psi), SWL(ft). Rows for Existing Well / Pre-Alteration and Completed Well.

Flowing Artesian? [ ] Dry Hole? [ ]

WATER BEARING ZONES

Depth water was first found 14.00

Table with columns: SWL Date, From, To, Est Flow, SWL(psi), SWL(ft). Rows show water level data over time.

(11) WELL LOG

Ground Elevation 2875.00

Table with columns: Material, From, To. Lists soil layers from TOP SOIL to CLAY SOFT STICKY BROWN.

Date Started 10/2/2017 Completed 1/5/2018

(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 758 Date 2/16/2018

Signed THOMAS 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.

License Number 1720 Date 2/19/2018

Signed JACK ABBAS (E-filed)

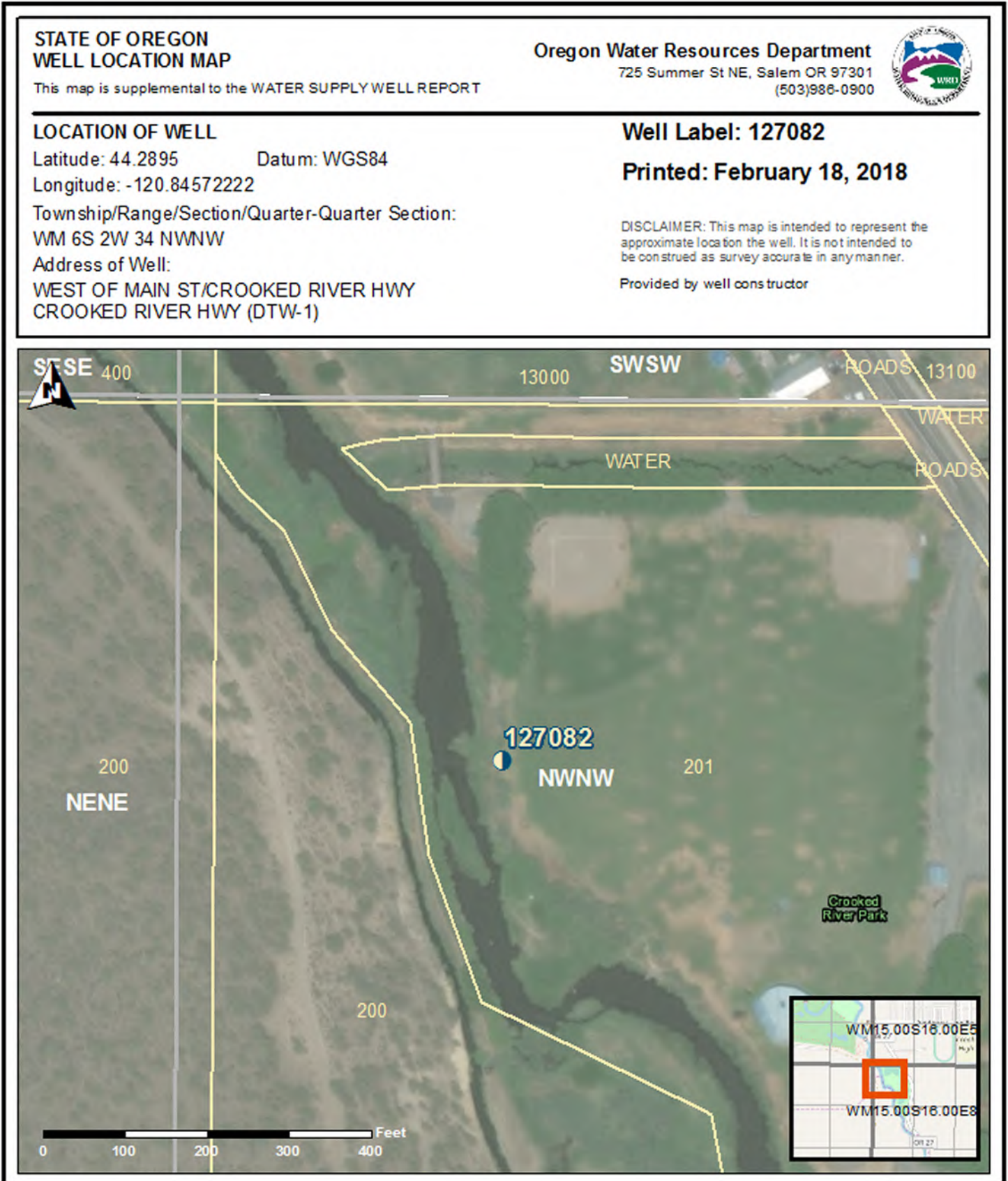
Contact Info (optional)

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

CROO 54593

2/19/2018

Map of Hole



(1) LAND OWNER

Owner Well I.D. DT-4

First Name Last Name
Company CITY OF PRINEVILLE C/O TAYLOR NW
Address PO BOX 6714
City BEND State OR Zip 97708

(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 Thrd
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 [ ] Irrigation [ ] Community
[ ] Industrial/ Commercial [ ] Livestock [ ] Dewatering
[ ] Thermal [ ] Injection [X] Other MUNICIPAL

(5) BORE HOLE CONSTRUCTION

Special Standard [ ] (Attach copy)

Depth of Completed Well 95.00 ft.

Table with columns: Dia, From, To, Material, SEAL, From, To, Amt, sacks/lbs. Includes rows for Concrete and Cement.

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

Backfill placed from ft. to ft. Material

Filter pack from 58 ft. to 95 ft. Material SAND Size 4/10

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, Thrd. Includes rows for 8 inch and 90 inch diameters.

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

Temp casing [ ] Yes Dia 16 From + [X] 2 To 95

(7) PERFORATIONS/SCREENS

Perforations Method

Screens Type JOHNSON Material STAINLESS

Table with columns: Perf/ Screen, Casing/ 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

Table with columns: Yield gal/min, Drawdown, Drill stem/Pump depth, Duration (hr). Includes row with values 100, 90, 2.

Temperature 55 °F Lab analysis [ ] Yes By

Water quality concerns? [ ] Yes (describe below) TDS amount 285 ppm

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

(9) LOCATION OF WELL (legal description)

County CROOK Twp 15.00 S N/S Range 16.00 E E/W WM

Sec 8 NW 1/4 of the NW 1/4 Tax Lot 201

Tax Map Number Lot

Lat ' " or 44.28925000 DMS or DD

Long ' " or -120.84558333 DMS or DD

[ ] Street address of well [X] Nearest address

CROOKED RIVER PARK- S. MAIN ST

(10) STATIC WATER LEVEL

Table with columns: Existing Well / Pre-Alteration, Date, SWL(psi), +, SWL(ft). Includes row for Completed Well on 7/11/2019.

Flowing Artesian? [ ] Dry Hole? [ ]

WATER BEARING ZONES

Depth water was first found 11.00

Table with columns: SWL Date, From, To, Est Flow, SWL(psi), +, SWL(ft). Includes rows for dates 7/3/2019.

(11) WELL LOG

Ground Elevation 2873.00

Table with columns: Material, From, To. Lists soil types like TOP SOIL, GRAVELS SAND BROWN, etc.

Due to huge wash outs in concrete seal interval many times more concrete was used in the seal than calculated.

Date Started 7/3/2019

Completed 7/11/2019

(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 758

Date 7/28/2019

Signed THOMAS 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.

License Number 1720

Date 7/28/2019

Signed JACK ABBAS (E-filed)

Contact Info (optional)

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

CROO 54785

7/28/2019

### Map of Hole

<b>STATE OF OREGON WELL LOCATION MAP</b>	<b>Oregon Water Resources Department</b>	
This map is supplemental to the WATER SUPPLY WELL REPORT	725 Summer St NE, Salem OR 97301 (503)986-0900	
<b>LOCATION OF WELL</b>	<b>Well Label: 133400</b>	
Latitude: 44.28925      Datum: WGS84	<b>Printed: July 28, 2019</b>	
Longitude: -120.84558333	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.	
Township/Range/Section/Quarter-Quarter Section:	Provided by well constructor	
WM 15S 16E 8 NWNW		
Address of Well:		
CROOKED RIVER PARK- S. MAIN ST		



STATE OF OREGON

CROO 54792

WELL I.D. LABEL# L

135224

WATER SUPPLY WELL REPORT

START CARD #

1044259

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

8/9/2019

ORIGINAL LOG #

(1) LAND OWNER

Owner Well I.D.
First Name Last Name
Company CITY OF PRINEVILLE C/O TAYLOR NW
Address PO BOX 6714
City BEND State OR Zip 97708

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

(5) BORE HOLE CONSTRUCTION

Depth of Completed Well 107.00 ft. Special Standard [ ] (Attach copy)

Table with columns: Dia, From, To, Material, SEAL, From, To, Amt, lbs. Rows include Concrete and Cement with calculated amounts.

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

Backfill placed from ft. to ft. Material

Filter pack from 72 ft. to 100 ft. Material SAND Size 4/10

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. Includes rows for 8 inch casing.

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

Temp casing [X] Yes Dia 16 From + 1 To 107

(7) PERFORATIONS/SCREENS

Perforations Method

Screens Type JOHNSON Material STAINLESS

Table with columns: Perf/ Screen, Casing/ Liner, Dia, From, To, Scrm/slot width, Slot length, # of slots, Tel/ pipe size.

(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, 100, 3.

Temperature 58 °F Lab analysis [ ] Yes By

Water quality concerns? [ ] Yes (describe below) TDS amount 320 ppm

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

(9) LOCATION OF WELL (legal description)

County CROOK Twp 15.00 S N/S Range 16.00 E E/W WM
Sec 8 NW 1/4 of the NW 1/4 Tax Lot 201
Tax Map Number Lot
Lat " or 44.28907000 DMS or DD
Long " or -120.84530000 DMS or DD
[ ] Street address of well [X] Nearest address

CROOKED RIVER PARK- S MAIN ST

(10) STATIC WATER LEVEL

Table with columns: Existing Well / Pre-Alteration, Date, SWL(psi), SWL(ft). Row 1: Completed Well, 7/25/2019, 9.

Flowing Artesian? [ ] Dry Hole? [ ]

WATER BEARING ZONES

Depth water was first found 11.00

Table with columns: SWL Date, From, To, Est Flow, SWL(psi), SWL(ft). Rows for 7/16/2019 and 7/17/2019.

(11) WELL LOG

Ground Elevation 2857.00

Table with columns: Material, From, To. Rows include CLAY GRAVELS BROWN, GRAVELS GRAY, SILT SAND GRAY, etc.

Date Started 7/16/2019 Completed 7/25/2019

(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 758 Date 8/9/2019

Signed THOMAS 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.

License Number 1720 Date 8/9/2019

Signed JACK ABBAS (E-filed)

Contact Info (optional)



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

CROO 54792

8/9/2019

### Map of Hole

<b>STATE OF OREGON WELL LOCATION MAP</b>	<b>Oregon Water Resources Department</b> 725 Summer St NE, Salem OR 97301 (503)986-0900	
This map is supplemental to the WATER SUPPLY WELL REPORT		
<b>LOCATION OF WELL</b>	<b>Well Label: 135224</b>	
Latitude: 44.28907      Datum: WGS84	<b>Printed: August 9, 2019</b>	
Longitude: -120.8453	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.	
Township/Range/Section/Quarter-Quarter Section: WM 6S 2W 34 NWNW	Provided by well constructor	
Address of Well: CROOKED RIVER PARK- S MAIN ST		



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

CROO 54592

2/18/2018

WELL I.D. LABEL# L 129186
START CARD # 1037840
ORIGINAL LOG #

(1) LAND OWNER
Owner Well I.D. DTW-2
First Name JIM Last Name NEWTON
Company CITY OF PRINEVILLE
Address 387 NE 3RD ST
City PRINEVILLE State OR Zip 97754

(2) TYPE OF WORK
New Well [X] 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 [X] Auger [ ] Cable Mud [ ]
Reverse Rotary [ ] Other [ ]

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

(5) BORE HOLE CONSTRUCTION
Special Standard [ ] (Attach copy)
Depth of Completed Well 140.00 ft.

Table with columns: Dia, From, To, Material, From, To, Amt, lbs, Sacks/lbs. Rows include Bentonite Chips and Cement.

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

[X] Other POURED DRY

Backfill placed from ft. to ft. Material

Filter pack from 50 ft. to 140 ft. Material SAND Size 50 MESH

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 Thrld
Shoe [ ] Inside [X] Outside [ ] Other Location of shoe(s)
Temp casing [X] Yes Dia 16 From + [X] 1 To 140

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

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

[ ] Pump [X] Bailer [ ] Air [ ] Flowing Artesian
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)
20 25 2

Temperature 54 °F Lab analysis [ ] Yes By
Water quality concerns? [ ] Yes (describe below) TDS amount 118 ppm
From To Description Amount Units

(9) LOCATION OF WELL (legal description)
County CROOK Twp 15.00 S N/S Range 16.00 E E/W WM
Sec 8 NW 1/4 of the NW 1/4 Tax Lot 201
Tax Map Number Lot
Lat " or 44.28905556 DMS or DD
Long " or -120.84419444 DMS or DD
Street address of well [ ] Nearest address [X]

WEST OF MAIN ST/CROOKED RIVER HWY
CROOKED RIVER PARK (DTW-2)

(10) STATIC WATER LEVEL
Date SWL(psi) + SWL(ft)
Existing Well / Pre-Alteration
Completed Well 1/17/2018 4
Flowing Artesian? [ ] Dry Hole? [ ]

Table with columns: SWL Date, From, To, Est Flow, SWL(psi), + SWL(ft). Rows show data for 11/7/2017 and 11/8/2017.

(11) WELL LOG
Ground Elevation 2876.00
Material From To
FILL 0 2
CLAY SILT BROWN 2 6
CLAY SILT GRAY 6 13
GRAVELS 13 16
GRAVELS TIGHT LARGE 16 23
SILT CLAY GRAY 23 32
SAND FINE GRAY HEAVING 32 56
SAND TIGHT LOOSE LAYERS 56 133
CLAY GRAY 133 140

Date Started 11/17/2017 Completed 1/17/2018

(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. Materials used and information reported above are true to the best of my knowledge and belief.

License Number 758 Date 2/18/2018

Signed THOMAS 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 2/18/2018

Signed JACK ABBAS (E-filed)

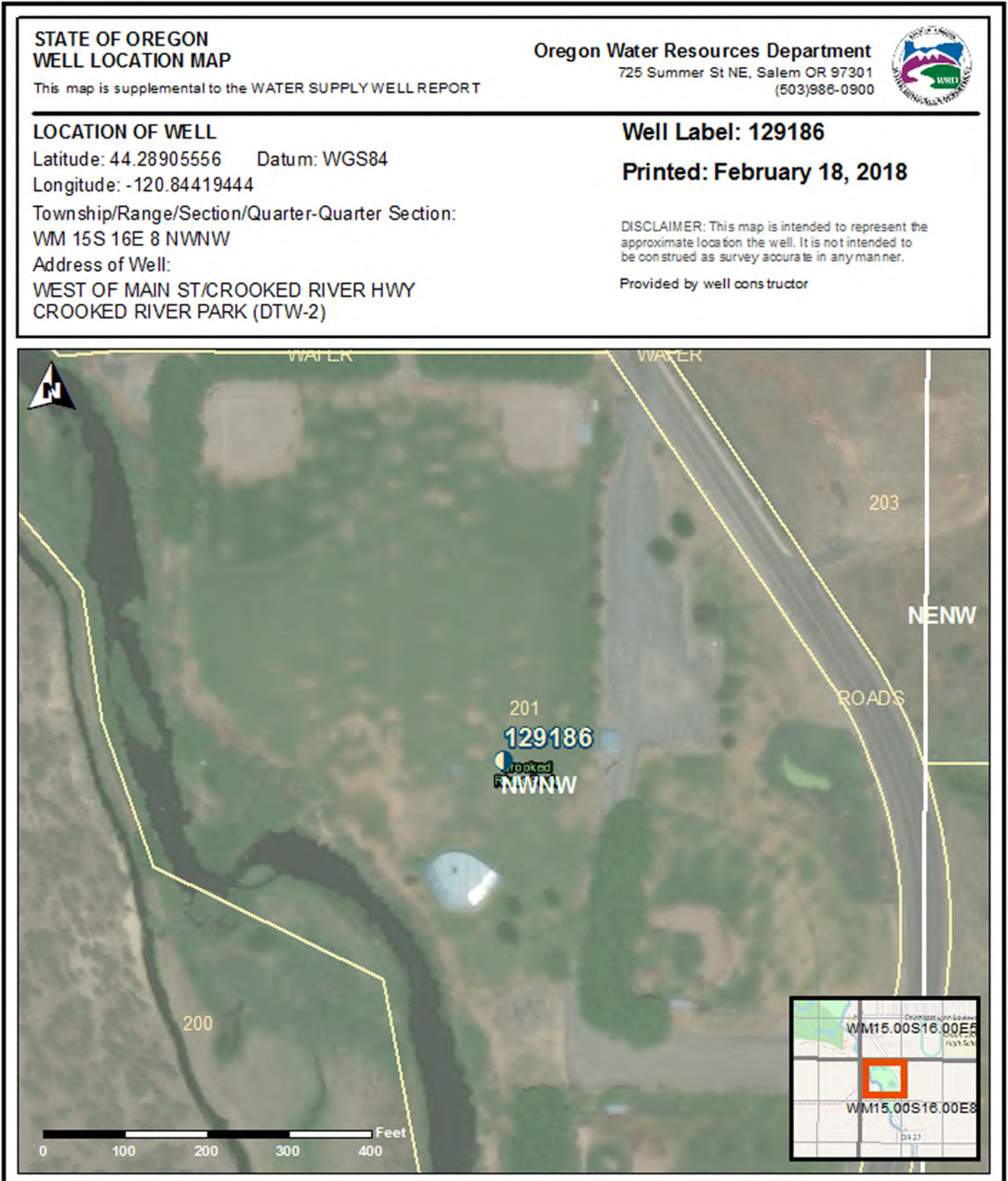
Contact Info (optional)

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

CROO 54592

2/18/2018

Map of Hole



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

CROO 54834

WELL I.D. LABEL# L 135298
START CARD # 1044270
ORIGINAL LOG #

11/7/2019

(1) LAND OWNER

Owner Well I.D.
First Name Last Name
Company CITY OF PRINEVILLE C/O TAYLOR NW
Address PO BOX 6714
City BEND State OR Zip 97708

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

(5) BORE HOLE CONSTRUCTION

Depth of Completed Well 98.00 ft. Special Standard [ ] (Attach copy)

Table with columns: Dia, From, To, Material, From, To, Amt, lbs, Sacks/lbs. Rows include Bentonite Chips and Cement.

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

[X] Other POURED DRY

Backfill placed from ft. to ft. Material

Filter pack from 58 ft. to 98 ft. Material SAND Size 10/20

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. Includes rows for 8 inch casing.

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

Temp casing [X] Yes Dia 16 From + 1 To 98

(7) PERFORATIONS/SCREENS

Perforations Method Screens Type JOHNSON Material STAINLESS

Table with columns: Perf/Screen, Casing/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

Table with columns: Yield gal/min, Drawdown, Drill stem/Pump depth, Duration (hr). Row 1: 50, 90, 1.

Temperature 55 °F Lab analysis [ ] Yes By

Water quality concerns? [ ] Yes (describe below) TDS amount 273 ppm

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

(9) LOCATION OF WELL (legal description)

County CROOK Twp 15.00 S N/S Range 16.00 E E/W WM
Sec 8 NW 1/4 of the NW 1/4 Tax Lot 201
Tax Map Number Lot
Lat " or DMS or DD
Long " or DMS or DD
[ ] Street address of well [X] Nearest address

CROOKED RIVER PARK

(10) STATIC WATER LEVEL

Table with columns: Existing Well / Pre-Alteration, Date, SWL(psi), SWL(ft). Row 1: 10/9/2019, 9.

Flowing Artesian? [ ] Dry Hole? [ ]

WATER BEARING ZONES Depth water was first found 24.00

Table with columns: SWL Date, From, To, Est Flow, SWL(psi), SWL(ft). Rows for 10/7/2019.

(11) WELL LOG

Ground Elevation

Table with columns: Material, From, To. Rows include SAND, COBBELS LARGE, SILT SAND GRAY, etc.

Date Started 10/7/2019 Completed 10/10/2019

(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 1852 Date 10/29/2019

Signed JEB ABBAS (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.

License Number 1720 Date 11/7/2019

Signed JACK ABBAS (E-filed)

Contact Info (optional)

(1) LAND OWNER Owner Well I.D. \_\_\_\_\_  
First Name \_\_\_\_\_ Last Name \_\_\_\_\_  
Company CITY OF PRINEVILLE C/O TAYLOR NW  
Address PO BOX 6714  
City BEND State OR Zip 97708

(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 MUNICIPAL

(5) BORE HOLE CONSTRUCTION Special Standard  (Attach copy)  
Depth of Completed Well 84.00 ft.

BORE HOLE

Dia	From	To	Material	From	To	Amt	sacks/lbs
16	0	84	Bentonite Chips	0	9	121	S
			Calculated			4	
			Cement	9	51	45	S
			Calculated			30	

How was seal placed: Method  A  B  C  D  E  
 Other POURED DRY  
Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_  
Filter pack from 51 ft. to 84 ft. Material SAND Size 10/20  
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	Thrld
<input checked="" type="checkbox"/>	<input type="checkbox"/>	8	<input checked="" type="checkbox"/>	1	60	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	8	<input type="checkbox"/>	80	84	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Shoe  Inside  Outside  Other Location of shoe(s) \_\_\_\_\_  
Temp casing  Yes Dia 16 From +  0.5 To 84

(7) PERFORATIONS/SCREENS  
Perforations Method \_\_\_\_\_  
Screens Type JOHNSON Material STAINLESS

Perf/ Screen	Casing/ Liner	Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/ pipe size
Screen	Casing	8	60	80	.01			

(8) WELL TESTS: Minimum testing time is 1 hour  
 Pump  Bailer  Air  Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
50		80	1

Temperature 55 °F Lab analysis  Yes By \_\_\_\_\_  
Water quality concerns?  Yes (describe below) TDS amount 225 ppm  
From \_\_\_\_\_ To \_\_\_\_\_ Description \_\_\_\_\_ Amount \_\_\_\_\_ Units \_\_\_\_\_

(9) LOCATION OF WELL (legal description)  
County CROOK Twp 15.00 S N/S Range 16.00 E E/W WM  
Sec 8 NW 1/4 of the NW 1/4 Tax Lot 201  
Tax Map Number \_\_\_\_\_ Lot \_\_\_\_\_  
Lat \_\_\_\_\_ " or \_\_\_\_\_ DMS or DD  
Long \_\_\_\_\_ " or \_\_\_\_\_ DMS or DD  
 Street address of well  Nearest address  
CROOKED RIVER PARK

(10) STATIC WATER LEVEL  
Date SWL(psi) + SWL(ft)  
Existing Well / Pre-Alteration \_\_\_\_\_  
Completed Well 10/7/2019 \_\_\_\_\_ 9  
Flowing Artesian?  Dry Hole?

WATER BEARING ZONES Depth water was first found 22.00

SWL Date	From	To	Est Flow	SWL(psi)	+ SWL(ft)
10/1/2019	22	44	30		9
10/2/2019	53	80	50		9

(11) WELL LOG Ground Elevation \_\_\_\_\_

Material	From	To
CLAY SAND BROWN	0	4
GRAVELS CLAY	4	22
SAND SILT GRAY	22	44
SAND CLAY GRAY	44	53
SILT SAND	53	80
CLAY SAND GRAY BROWN STREAKS	80	84

Date Started 10/1/2019 Completed 10/7/2019

(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 1852 Date 10/29/2019  
Signed JEB ABBAS (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 10/29/2019  
Signed JACK ABBAS (E-filed)  
Contact Info (optional) \_\_\_\_\_

STATE OF OREGON

CROO 54833

WELL I.D. LABEL# L

135282

WATER SUPPLY WELL REPORT

START CARD #

1044269

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

10/29/2019

ORIGINAL LOG #

(1) LAND OWNER

Owner Well I.D. \_\_\_\_\_

First Name \_\_\_\_\_ Last Name \_\_\_\_\_
Company CITY OF PRINEVILLE C/O TAYLOR NW
Address PO BOX 6714
City BEND State OR Zip 97708

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

(5) BORE HOLE CONSTRUCTION

Special Standard [ ] (Attach copy)

Depth of Completed Well 85.00 ft.

Table with columns: Dia, From, To, Material, SEAL, Amt, lbs. Rows for Concrete and Cement.

How was seal placed: Method [ ] A [ ] B [X] C [ ] D [ ] E
[ ] Other \_\_\_\_\_

Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_

Filter pack from 55 ft. to 85 ft. Material SAND Size 10/20

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

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

Temp casing [X] Yes Dia 16 From + [X] 1 To 85

(7) PERFORATIONS/SCREENS

Perforations Method \_\_\_\_\_

Screens Type JOHNSON Material STAINLESS

Table with columns: Perf/Screen, Casing/Liner, Dia, From, To, Scrm/slot width, Slot length, # of slots, Tel/pipe size

(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)

Temperature 55 °F Lab analysis [ ] Yes By \_\_\_\_\_

Water quality concerns? [ ] Yes (describe below) TDS amount 275 ppm

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

(9) LOCATION OF WELL (legal description)

County CROOK Twp 15.00 S N/S Range 16.00 E E/W WM
Sec 8 NW 1/4 of the NW 1/4 Tax Lot 201
Tax Map Number \_\_\_\_\_ Lot \_\_\_\_\_
Lat \_\_\_\_\_ " or \_\_\_\_\_ DMS or DD
Long \_\_\_\_\_ " or \_\_\_\_\_ DMS or DD
[ ] Street address of well [X] Nearest address

CROOKED RIVER PARK

(10) STATIC WATER LEVEL

Table with columns: Existing Well / Pre-Alteration, Date, SWL(psi), SWL(ft)

WATER BEARING ZONES

Depth water was first found 10.00

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

(11) WELL LOG

Ground Elevation \_\_\_\_\_

Table with columns: Material, From, To. Rows for SAND, GRAVELS SAND, SAND GRAVELS, SAND GRAY, CLAY SILTY SAND GRAY, SAND GRAY, CLAY SILT

Date Started 10/9/2019

Completed 10/16/2019

(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 1852

Date 10/29/2019

Signed JEB ABBAS (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 10/29/2019

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)

CROO 54830

WELL I.D. LABEL# L

135278

START CARD #

1045013

10/27/2019

ORIGINAL LOG #

(1) LAND OWNER

Owner Well I.D.

First Name Last Name
Company CITY OF PRINEVILLE C/O TAYLOR NW
Address PO BOX 6714
City BEND State OR Zip 97708

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

(5) BORE HOLE CONSTRUCTION

Special Standard [ ] (Attach copy)

Depth of Completed Well 92.00 ft.

Table with columns: Dia, From, To, Material, From, To, Amt, sacks/lbs. Rows include Bentonite Chips and Cement.

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

[X] Other POURED DRY

Backfill placed from ft. to ft. Material

Filter pack from 55 ft. to 93 ft. Material SAND Size 10/20

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. Includes rows for 8 inch casing.

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

Temp casing [X] Yes Dia 16 From + [X] 0.5 To 93

(7) PERFORATIONS/SCREENS

Perforations Method

Screens Type JOHNSON Material STAINLESS

Table with columns: Perf/ Screen, Casing/ 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

Table with columns: Yield gal/min, Drawdown, Drill stem/Pump depth, Duration (hr). Row 1: 100, 90, 90, 1.

Temperature 55 °F Lab analysis [ ] Yes By

Water quality concerns? [ ] Yes (describe below) TDS amount 275 ppm

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

(9) LOCATION OF WELL (legal description)

County CROOK Twp 15.00 S N/S Range 16.00 E E/W WM

Sec 8 SW 1/4 of the NW 1/4 Tax Lot 201

Tax Map Number Lot

Lat " or " DMS or DD

Long " or " DMS or DD

[ ] Street address of well [X] Nearest address

CROOKED RIVER PARK

(10) STATIC WATER LEVEL

Table with columns: Existing Well / Pre-Alteration, Date, SWL(psi), SWL(ft). Row 1: 9/16/2024, 10.

Flowing Artesian? [ ] Dry Hole? [ ]

WATER BEARING ZONES

Depth water was first found 15.00

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

Table with columns: SWL Date, From, To, Est Flow, SWL(psi), SWL(ft). Row 1: 9/11/2019, 15, 88, 50, 10.

(11) WELL LOG

Ground Elevation

Table with columns: Material, From, To. Rows include CLAY SAND, GRAVEL SAND, SILT SAND GRAY, SAND CLAY GRAY, SAND GRAY, CLAY SILT BROWN.

Date Started 9/11/2019

Completed 9/16/2019

(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 1852 Date 10/27/2019

Signed JEB ABBAS (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.

License Number 1720 Date 10/27/2019

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)

CROO 54831

10/27/2019

WELL I.D. LABEL# L 135283
START CARD # 1045010
ORIGINAL LOG #

(1) LAND OWNER
Owner Well I.D.
First Name Last Name
Company CITY OF PRINEVILLE C/O TAYLOR NW
Address PO BOX 6714
City BEND State OR Zip 97708

(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: Material From To Amt sacks/lbs

(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 MUNICIPAL

(5) BORE HOLE CONSTRUCTION
Special Standard (Attach copy)
Depth of Completed Well 95.00 ft.

Table with columns: Dia, From, To, Material, From, To, Amt, sacks/lbs. Rows include Bentonite Chips and Cement.

How was seal placed: Method A B C D E
Backfill placed from ft. to ft. Material
Filter pack from 50 ft. to 95 ft. Material SAND Size 10/20
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 Thrld
Shoe Inside Outside Other Location of shoe(s)
Temp casing Yes Dia 16 From + 1 To 95

(7) PERFORATIONS/SCREENS
Perforations Method
Screens Type JOHNSON Material STAINLESS
Perf/ Casing/ Screen Dia From To Scrn/slot width length # of slots Tel/ 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 310 ppm
From To Description Amount Units

(9) LOCATION OF WELL (legal description)
County CROOK Twp 15.00 S N/S Range 16.00 E E/W WM
Sec 8 NW 1/4 of the NW 1/4 Tax Lot 201
Tax Map Number Lot
Lat ' " or DMS or DD
Long ' " or DMS or DD
Street address of well Nearest address
CROOKED RIVER PARK

(10) STATIC WATER LEVEL
Date SWL(psi) + SWL(ft)
Existing Well / Pre-Alteration
Completed Well 9/5/2019 10
Flowing Artesian? Dry Hole?

WATER BEARING ZONES
Depth water was first found 11.00
Table with columns: SWL Date, From, To, Est Flow, SWL(psi), + SWL(ft)

(11) WELL LOG
Ground Elevation
Material From To
CLAY SAND 0 8
GRAVELS SAND 8 25
SAND GRAVEL GRAY 25 43
CLAY SILT GRAY 43 57
SAND LOOSE 57 91
SILTY CLAY GRAY 91 95

Date Started 8/30/2019 Completed 9/5/2019

(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 1852 Date 10/27/2019
Signed JEB ABBAS (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.
License Number 1720 Date 10/27/2019
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)

CROO 54829

WELL I.D. LABEL# L 135284
START CARD # 1045009
ORIGINAL LOG #

10/27/2019

(1) LAND OWNER
Owner Well I.D.
First Name Last Name
Company CITY OF PRINEVILLE C/O TAYLOR NW
Address PO BOX 6714
City BEND State OR Zip 97708

(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 MUNICIPAL

(5) BORE HOLE CONSTRUCTION
Special Standard (Attach copy)
Depth of Completed Well 94.00 ft.

Table with columns: Dia, From, To, Material, From, To, Amt, lbs, Sacks/lbs. Rows include Bentonite Chips and Cement.

How was seal placed: Method A B C D E
Other POURED DRY
Backfill placed from ft. to ft. Material
Filter pack from 54 ft. to 94 ft. Material SAND Size 10/20
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 Thrld
Shoe Inside Outside Other Location of shoe(s)
Temp casing Yes Dia 16 From + 1 To 94

(7) PERFORATIONS/SCREENS
Perforations Method
Screens Type JOHNSON Material STAINLESS
Perf/ Casing/ Screen Dia From To Scrn/slot Slot # of Tel/ 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 310 ppm
From To Description Amount Units

(9) LOCATION OF WELL (legal description)
County CROOK Twp 15.00 S N/S Range 16.00 E E/W WM
Sec 8 SW 1/4 of the NW 1/4 Tax Lot 201
Tax Map Number Lot
Lat " or " DMS or DD
Long " or " DMS or DD
Street address of well Nearest address

CROOKED RIVER PARK

(10) STATIC WATER LEVEL
Date SWL(psi) + SWL(ft)
Existing Well / Pre-Alteration
Completed Well 7/22/2019 5
Flowing Artesian? Dry Hole?

Table: WATER BEARING ZONES. Columns: SWL Date, From, To, Est Flow, SWL(psi), + SWL(ft). Rows: 7/15/2019, 7/16/2019.

(11) WELL LOG
Ground Elevation
Material From To
CLAY GRAVELS BROWN 0 10
GRAVELS GRAY SAND 10 21
SAND GRAY 21 42
CLAY STREAKS SAND GRAY 42 57
SAND LOOSE GRAY 57 88
CLAY GRAY 88 94

Date Started 7/15/2019 Completed 7/22/2019

(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 1852 Date 10/27/2019
Signed JEB ABBAS (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 10/27/2019
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)

CROO 54810

WELL I.D. LABEL# L 135225
START CARD # 1044260
ORIGINAL LOG #

9/8/2019

(1) LAND OWNER

Owner Well I.D.
First Name Last Name
Company CITY OF PRINEVILLE C/O TAYLOR NW
Address PO BOX 6714
City BEND State OR Zip 97708

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

(5) BORE HOLE CONSTRUCTION

Depth of Completed Well 93.00 ft. Special Standard [ ] (Attach copy)

Table with columns: Dia, From, To, Material, From, To, Amt, sacks/lbs. Rows include Bentonite Chips and Cement.

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

[X] Other POURED DRY

Backfill placed from ft. to ft. Material

Filter pack from 55 ft. to 93 ft. Material SAND Size 10/20

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. Includes rows for 8 inch and 8 inch casing.

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

Temp casing [X] Yes Dia 16 From + 1 To 93

(7) PERFORATIONS/SCREENS

Perforations Method

Screens Type ROSCOE MOSS Material STAINLESS

Table with columns: Perf/ Screen, Casing/ 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

Table with columns: Yield gal/min, Drawdown, Drill stem/Pump depth, Duration (hr). Row 1: 100, 90, 3.

Temperature 55 °F Lab analysis [ ] Yes By

Water quality concerns? [ ] Yes (describe below) TDS amount 310 ppm

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

(9) LOCATION OF WELL (legal description)

County CROOK Twp 15.00 S N/S Range 16.00 E E/W WM
Sec 8 NW 1/4 of the NW 1/4 Tax Lot 201
Tax Map Number Lot
Lat " or 44.2827778 DMS or DD
Long " or -120.84413889 DMS or DD
[ ] Street address of well [X] Nearest address

CROOKED RIVER PARK

(10) STATIC WATER LEVEL

Table with columns: Existing Well / Pre-Alteration, Date, SWL(psi), +, SWL(ft). Row 1: 8/16/2019, 10.

Flowing Artesian? [ ] Dry Hole? [ ]

WATER BEARING ZONES

Depth water was first found 20.00

Table with columns: SWL Date, From, To, Est Flow, SWL(psi), +, SWL(ft). Rows for 8/12/2019 and 8/13/2019.

(11) WELL LOG

Ground Elevation 2861.00

Table with columns: Material, From, To. Rows include CLAY GRAVELS BROWN, GRAVELS SAND GRAY, SAND GRAY, SILT CLAY SAND GRAY, SAND LOOSE GRAY, CLAY STREAK SAND GRAY, CLAY GRAY.

Date Started 8/12/2019 Completed 8/16/2019

(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 9/8/2019

Signed THOMAS 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 9/8/2019

Signed JACK ABBAS (E-filed)

Contact Info (optional)



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

CROO 54810

9/8/2019

Map of Hole

<b>STATE OF OREGON WELL LOCATION MAP</b>	<b>Oregon Water Resources Department</b> 725 Summer St NE, Salem OR 97301 (503)986-0900	
This map is supplemental to the WATER SUPPLY WELL REPORT		
<b>LOCATION OF WELL</b>	<b>Well Label: 135225</b>	
Latitude: 44.28727778 Datum: WGS84	<b>Printed: September 8, 2019</b>	
Longitude: -120.84413889	<small>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.</small>	
Township/Range/Section/Quarter-Quarter Section:	<small>Provided by well constructor</small>	
WM 15S 16E 8 NWNW		
Address of Well:		
CROOKED RIVER PARK		



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

CROO 54789

8/8/2019

WELL I.D. LABEL# L 135218
START CARD # 1041948
ORIGINAL LOG #

(1) LAND OWNER
Owner Well I.D.
First Name Last Name
Company CITY OF PRINEVILLE C/O TAYLOR NW
Address PO BOX 6714
City BEND State OR Zip 97708

(2) TYPE OF WORK
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
Rotary Air Rotary Mud Cable Auger Cable Mud
Reverse Rotary Other

(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 95.00 ft.
BORE HOLE
Dia From To Material From To Amt sacks/lbs
Bentonite Chi p 0 5 12 S
Concrete 5 32 200.00 P
Calculated 1.688

How was seal placed: Method A B C D E
Other POURED DRY
Backfill placed from ft. to ft. Material
Filter pack from 55 ft. to 95 ft. Material SA ND Size 10/20
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 Thrld
Shoe Inside Outside Other Location of shoe(s)
Temp casing Yes Dia 16 From + 1 To 95

(7) PERFORATIONS/SCREENS
Perforations Method
Screens Type JOHNSON Material STAINLESS
Perf/ Casing/ Screen Dia From To Scrm/slot Slot # of Tel/ 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 59 °F Lab analysis Yes By
Water quality concerns? Yes (describe below) TDS amount 302 ppm
From To Description Amount Units

(9) LOCATION OF WELL (legal description)
County CROOK Twp 15.00 S N/S Range 16.00 E E/W WM
Sec 8 SW 1/4 of the NW 1/4 Tax Lot 201
Tax Map Number Lot
Lat " or 44.28708000 DMS or DD
Long " or -120.84390000 DMS or DD
Street address of well Nearest address
CROOKED RIVER PARK- S MAIN ST

(10) STATIC WATER LEVEL
Date SWL(psi) + SWL(ft)
Existing Well / Pre-Alteration
Completed Well 8/5/2019 6
Flowing Artesian? Dry Hole?

WATER BEARING ZONES
Depth water was first found 10.00
SWL Date From To Est Flow SWL(psi) + SWL(ft)
7/26/2019 10 51 50 8
7/29 55 91 100 6

(11) WELL LOG
Ground Elevation 2868.00
Material From To
SAND CLAY BROWN 0 6
GRAVEL CLAY BROWN 6 10
GRAVELS GRAY SAND 10 28
SAND SILTY GRAY 28 51
CLAY SILT CLAY 51 55
SAND FINE GRAVELS LENSES GRAY 55 91
CLAY GRAY 91 95

Date Started 7/26/2019 Completed 8/5/2019

(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 8/8/2019
Signed THOMAS 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 8/8/2019
Signed JACK ABBAS (E-filed)
Contact Info (optional)

**WATER SUPPLY WELL REPORT - continuation page**

**CROO 54789**

**WELL ID. LABEL# L135218**

**START CARD # 1041948**

**8/8/2019**

**ORIGINAL LOG #**

**(2a) PRE-ALTERATION**

Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
Material		From	To	Amt	sacks/lbs			

**(5) BORE HOLE CONSTRUCTION**

BORE HOLE			SEAL				
Dia	From	To	Material	From	To	Amt	sacks/lbs
			Cement	32	55	70	S
					Calculated	38	
					Calculated		
					Calculated		
					Calculated		
					Calculated		

**FILTER PACK**

From	To	Material	Size

**(6) CASING/LINER**

Casing Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

**(7) PERFORATIONS/SCREENS**

Perf/Screen	Casing/Screen Liner Dia	From	To	Scr/slot width	Slot length	# of slots	Tele/pipe size

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

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

**Water Quality Concerns**

From	To	Description	Amount	Units

**(10) STATIC WATER LEVEL**

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

**(11) WELL LOG**

Material	From	To

**Comments/Remarks**

Due to huge wash outs in concrete seal interval many times more concrete was used in the seal than calculated.

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

CROO 54789

8/8/2019

### Map of Hole

<b>STATE OF OREGON WELL LOCATION MAP</b>	<b>Oregon Water Resources Department</b>	
This map is supplemental to the WATER SUPPLY WELL REPORT	725 Summer St NE, Salem OR 97301 (503)986-0900	
<b>LOCATION OF WELL</b>	<b>Well Label: 135218</b>	
Latitude: 44.28708      Datum: WGS84	<b>Printed: August 8, 2019</b>	
Longitude: -120.8439	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.	
Township/Range/Section/Quarter-Quarter Section:	Provided by well constructor	
WM 15S 16E 8 SWNW		
Address of Well:		
CROOKED RIVER PARK- S MAIN ST		



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

CROO 54869

WELL I.D. LABEL# L

133398

START CARD #

1044271

3/25/2020

ORIGINAL LOG #

(1) LAND OWNER

Owner Well I.D.

First Name Last Name
Company CITY OF PRINEVILLE C/O TAYLOR NW
Address PO BOX 6714
City BEND State OR Zip 97708

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

(5) BORE HOLE CONSTRUCTION

Special Standard [ ] (Attach copy)

Depth of Completed Well 95.00 ft.

Table with columns: Dia, From, To, Material, From, To, Amt, lbs. Rows include Bentonite Chips and Cement.

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

[X] Other POURED DRY

Backfill placed from ft. to ft. Material

Filter pack from 48 ft. to 95 ft. Material SAND Size 10/20

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. Includes rows for 8 inch and 90 inch diameters.

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

Temp casing [X] Yes Dia 16 From + 1 To 95

(7) PERFORATIONS/SCREENS

Perforations Method

Screens Type JOHNSON Material STAINLESS

Table with columns: Perf/Screen, Casing/Liner, Dia, From, To, Scrn/slot width, Slot length, # of slots, Tel/pipe size.

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

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

Table with columns: Yield gal/min, Drawdown, Drill stem/Pump depth, Duration (hr). Row 1: 50, 0, 1.

Temperature 58 °F Lab analysis [ ] Yes By

Water quality concerns? [ ] Yes (describe below) TDS amount 261 ppm

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

(9) LOCATION OF WELL (legal description)

County CROOK Twp 15.00 S N/S Range 16.00 E E/W WM

Sec 8 SW 1/4 of the NW 1/4 Tax Lot 201

Tax Map Number Lot

Lat " or 44.28680556 DMS or DD

Long " or -120.84383333 DMS or DD

[ ] Street address of well [X] Nearest address

CROOKED RIVER PARK

(10) STATIC WATER LEVEL

Table with columns: Existing Well / Pre-Alteration, Date, SWL(psi), SWL(ft). Row 1: 5/31/2019, 4.

Flowing Artesian? [ ] Dry Hole? [ ]

WATER BEARING ZONES

Depth water was first found 21.00

Table with columns: SWL Date, From, To, Est Flow, SWL(psi), SWL(ft). Row 1: 5/14/2019, 21, 90, 50, 4.

(11) WELL LOG

Ground Elevation 2874.00

Table with columns: Material, From, To. Rows include CLAY SAND BROWN, COBBLES CLAY BROWN, SAND SILT FINE GRAY, SAND LOOSE LAYERS COARSE, CLAY PACK SAND GRAY.

Date Started 5/15/2019 Completed 5/21/2019

(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 758 Date 3/25/2020

Signed THOMAS 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.

License Number 1720 Date 3/25/2020

Signed JACK ABBAS (E-filed)

Contact Info (optional)

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

CROO 54869

3/25/2020

### Map of Hole

<b>STATE OF OREGON WELL LOCATION MAP</b>	<b>Oregon Water Resources Department</b> 725 Summer St NE, Salem OR 97301 (503)986-0900	
This map is supplemental to the WATER SUPPLY WELL REPORT		
<b>LOCATION OF WELL</b>	<b>Well Label: 133398</b>	
Latitude: 44.286805556 Datum: WGS84	<b>Printed: March 25, 2020</b>	
Longitude: -120.843833333	<small>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.</small>	
Township/Range/Section/Quarter-Quarter Section:	<small>Provided by well constructor</small>	
WM15.00S16.00E8SWNW		
Address of Well:		
CROOKED RIVER PARK		





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

CROO 54750

5/19/2019

WELL I.D. LABEL# L 133355
START CARD # 1041947
ORIGINAL LOG #

(1) LAND OWNER
Owner Well I.D. DT-17
First Name Last Name
Company CITY OF PRINEVILLE C/O TAYLOR NW
Address PO BOX 6714
City BEND State OR Zip 97708

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

(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 MUNICIPAL

(5) BORE HOLE CONSTRUCTION
Special Standard [ ] (Attach copy)
Depth of Completed Well 85.00 ft.

Table with columns: Dia, From, To, Material, From, To, Amt, lbs, Sacks/lbs. Rows include Bentonite Chips and Cement.

How was seal placed: Method [ ] A [ ] B [ ] C [ ] D [ ] E
[ ] Other POURED DRY
Backfill placed from ft. to ft. Material
Filter pack from 53 ft. to 85 ft. Material SAND Size 10/20
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 Thrld
Shoe [ ] Inside [ ] Outside [ ] Other Location of shoe(s)
Temp casing [ ] Yes Dia 16 From + [ ] 1 To 85

(7) PERFORATIONS/SCREENS
Perforations Method
Screens Type JOHNSON Material STAINLESS
Perf/ Casing/ Screen Dia From To Scrn/slot Slot # of Tel/ 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)

Table with columns: Yield gal/min, Drawdown, Drill stem/Pump depth, Duration (hr). Row 1: 30, 20, 6.

Temperature 53 °F Lab analysis [ ] Yes By
Water quality concerns? [ ] Yes (describe below) TDS amount 160 ppm
From To Description Amount Units

(9) LOCATION OF WELL (legal description)
County CROOK Twp 15.00 S N/S Range 16.00 E E/W WM
Sec 8 SW 1/4 of the NW 1/4 Tax Lot 201
Tax Map Number Lot
Lat " or " DMS or DD
Long " or " DMS or DD
[ ] Street address of well [ ] Nearest address

CROOKED RIVER PARK- LYNN BLVD

(10) STATIC WATER LEVEL
Date SWL(psi) + SWL(ft)
Existing Well / Pre-Alteration
Completed Well 5/8/2019 3
Flowing Artesian? [ ] Dry Hole? [ ]

Table with columns: SWL Date, From, To, Est Flow, SWL(psi), + SWL(ft). Rows for 2/27/2019 and 2/28/2019.

(11) WELL LOG
Ground Elevation
Material From To
CLAY GRAVELS COBBLES BROWN 0 21
SAND GRAY SILT 21 48
SAND GRAY CLAY 48 53
SAND LOOSE 53 82
SAND CLAY SILT 82 85

Date Started 2/27/2019 Completed 5/8/2019

(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 5/8/2019
Signed THOMAS 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 5/19/2019
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)

CROO 54588
2/16/2018

WELL I.D. LABEL# L 129187
START CARD # 1037839
ORIGINAL LOG #

(1) LAND OWNER
Owner Well I.D. DTW-3
First Name JIM Last Name NEWTON
Company CITY OF PRINEVILLE
Address 387 NE 3RD ST
City PRINEVILLE State OR Zip 97754

(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 EXPLORATORY

(5) BORE HOLE CONSTRUCTION
Special Standard (Attach copy)
Depth of Completed Well 140.00 ft.
BORE HOLE SEAL
Dia From To Material From To Amt sacks/lbs

How was seal placed: Method A B C D E
Other POURED DRY
Backfill placed from ft. to ft. Material
Filter pack from 70 ft. to 140 ft. Material PEA GRAV Size pea gravel
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 Thrld
Shoe Inside Outside Other Location of shoe(s)
Temp casing Yes Dia 16 From 1 To 140

(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 54 °F Lab analysis Yes By
Water quality concerns? Yes (describe below) TDS amount 120 ppm
From To Description Amount Units

(9) LOCATION OF WELL (legal description)
County CROOK Twp 15.00 S N/S Range 16.00 E E/W WM
Sec 8 NW 1/4 of the NW 1/4 Tax Lot 203
Tax Map Number Lot
Lat " or 44.28961111 DMS or DD
Long " or -120.84225000 DMS or DD

Street address of well Nearest address
EAST OF MAIN ST/CROOKED RIVER HWY \NCROOKED RIVER PARK
(DTW-3)

(10) STATIC WATER LEVEL
Date SWL(psi) + SWL(ft)
Existing Well / Pre-Alteration
Completed Well 2/6/2018 4
Flowing Artesian? Dry Hole?

WATER BEARING ZONES
Depth water was first found 10.00
SWL Date From To Est Flow SWL(psi) + SWL(ft)
1/19/2018 10 25 20 10
1/24/2018 70 112 20 4

(11) WELL LOG
Ground Elevation 2876.00
CLAY SAND SILT From 0 To 9
GRAVELS LARGE 9 25
SILT GRAY CLAY 25 70
SAND GRAY 70 112
SILTY GRAY SAND 112 140

Date Started 1/19/2018 Completed 2/6/2018

(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. Materials used and information reported above are true to the best of my knowledge and belief.
License Number Date
Signed

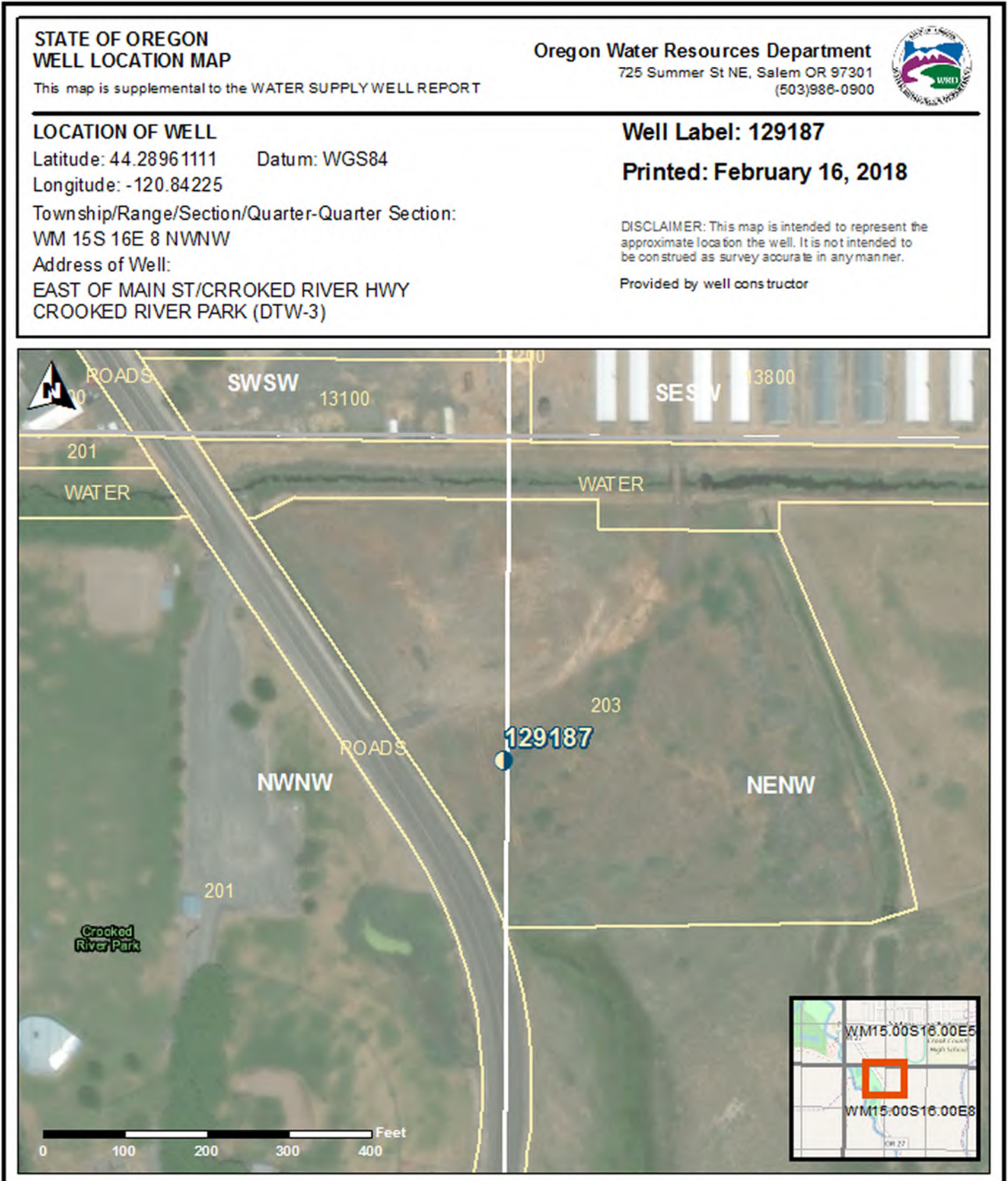
(bonded) Water Well Constructor Certification
I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
License Number 1720 Date 2/16/2018
Signed JACK ABBAS (E-filed)
Contact Info (optional)

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

CROO 54588

2/16/2018

Map of Hole



STATE OF OREGON

WATER SUPPLY WELL REPORT

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

09-18-2006

WELL LABEL # L 82810

START CARD # 186472

(1) LAND OWNER Owner Well I.D. Fairgrounds
First Name Last Name
Company City of Prineville
Address 387 NE Third St
City Prineville State OR Zip 97754

(2) TYPE OF WORK [X] New Well [ ] Deepening [ ] Conversion
[ ] Alteration (repair/recondition) [ ] Abandonment

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

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

(5) BORE HOLE CONSTRUCTION Special Standard [ ] (Attach copy)
Depth of Completed Well 195.00 ft.

Table with columns: Dia, From, To, Material, From, To, Amt, sacks/lbs. Row 1: 24, 0, 190, Cement, 0, 155, 280, S

How was seal placed: Method [ ] A [ ] B [X] C [ ] D [ ] E
Backfill placed from 225 ft. to 255 ft. Material gravel
Filter pack from 155 ft. to 159 ft. Material sand Size 20/40
Explosives used: [ ] Yes Type Amount

(6) CASING/LINER
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd
[X] [ ] 20 [ ] 0 165 .375 [X] [ ] [X] [ ]
[ ] [ ] 12 [ ] 0 165 .375 [ ] [ ] [ ] [ ]
[ ] [ ] 12 [ ] 185 195 .375 [ ] [ ] [ ] [ ]
Shoe [ ] Inside [ ] Outside [ ] Other Location of shoe(s)
Temp casing [ ] Yes Dia From To

(7) PERFORATIONS/SCREENS
Perforations Method
Screens Type wire wrap Material 304 SS
Table with columns: Perf/Screen, Casing, Screen, Dia, From, To, Scrn/slot width, Slot length, # of slots, Tele/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)
150 144 173 24

Temperature 57 °F Lab analysis [ ] Yes By
Water quality concerns? [ ] Yes (describe below)
Table with columns: From, To, Description, Amount, Units

(9) LOCATION OF WELL (legal description)
County Crook Twp 15.00 S N/S Range 16.00 E E/W WM
Sec 8 NE 1/4 of the NW 1/4 Tax Lot 203
Tax Map Number Lot
Lat ° ' " or DMS or DD
Long ° ' " or DMS or DD
[ ] Street address of well [X] Nearest address
1280 S. Main St (Crooked River Hwy), Prineville, OR 97754
approx 50 feet East of Crooked River Hwy and South of Fairgrounds entrance

(10) STATIC WATER LEVEL
Date SWL(psi) + SWL(ft)
Existing Well / Predeepening [ ] [ ]
Completed Well 07-27-2006 [ ] 20.8
Flowing Artesian? [ ] Dry Hole? [ ]

WATER BEARING ZONES Depth water was first found 20
Table with columns: SWL Date, From, To, Est Flow, SWL(psi), + SWL(ft)
06-13-2006 20 185 160 20.8
06-16-2006 195 200
06-23-2006 227 255 215

(11) WELL LOG Ground Elevation
Table with columns: Material, From, To
Gravel & sand 0 27
Silt to sand - grey 27 185
Clay 185 195
Sand & clay 195 200
Clay 200 227
Gravels - hard 227 233
Gravels & green siltstone 233 240
Sandstone - green to brown 240 255

Date Started 06-06-2006 Completed 08-25-2006

(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 1530 Date 09-18-2006
Electronically Filed
Signed STEVEN VIBBARD (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 1523 Date 09-18-2006
Electronically Filed
Signed ROBERT STADELI (E-filed)
Contact Info (optional)

**(5) BORE HOLE CONSTRUCTION**

BORE HOLE			SEAL					sacks/
Dia	From	To	Material	From	To	Amt	lbs	

**FILTER PACK**

From	To	Material	Size
159	195	pea gravel	pea gravel

**(6) CASING/LINER**

Casing Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

**(7) PERFORATIONS/SCREENS**

Perf/ Screen	Casing/ Liner	Screen Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/ pipe size

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

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

**Water Quality Concerns**

From	To	Description	Amount	Units

**(10) STATIC WATER LEVEL**

**Water Bearing Zones**

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

**(11) WELL LOG**

Material	From	To

**Comments/Remarks**

Back fill  
 - Pea Gravel: 195 - 197  
 - Cement: 197 - 225  
 - Pea Gravel: 225 - 255