

8 March 2024

Scott MacDonald
Senior Manager Environmental Remediation
BNSF Railway Company
605 Puyallup Avenue
Tacoma, Washington 98421

Subject: 2023 Monitoring Well Abandonment
Former Truax Lease Site, Albany, Oregon
KJ Project No. 2396216*00

Dear Mr. MacDonald:

This letter summarizes the activities conducted to abandon eight (8) groundwater monitoring wells and four (4) soil vapor monitoring probes located at the BNSF Railway Company (BNSF) Former Truax Lease Site in Albany, Oregon (site). The abandonment work (work) was performed by Anderson Environmental Construction, an Oregon-licensed water well driller (license no. 2022) with oversight by Kennedy/Jenks Consultants, Inc. (Kennedy Jenks) between 11 December 2023 and 13 December 2023.

Background

In November 2022, the Oregon Department of Environmental Quality (DEQ) provided written notification approving BNSF's request for No Further Action at the Site. Prior to final closure, BNSF was required to properly abandon site-related monitoring wells, which include eight (8) groundwater monitoring wells (MW-1A, MW-2, MW-4, MW-5, MW-9A, MW-12, MW-13, and MW-14) and four (4) soil vapor monitoring probes (SVE-1, SVE-2, SVE-3, SVE-4).

Utility Locating

A utility survey was performed by Applied Professional Services (APS) utility locating services on 11 December 2023 to evaluate the potential for underground utilities in the vicinity of the twelve (12) wells to be abandoned. APS utilized conductive and inductive methods, and ground penetrating radar (GPR).

The Oregon Utility Notification Center was notified on 5 December 2023, 5 days prior to commencing earth-disturbing activities. Kennedy Jenks also coordinated with BNSF trades (signals, telecom, water, and power) regarding utilities at the proposed work locations. The private utility locator identified existing sanitary sewer lines adjacent to the work area, but no utilities were located within 3 feet of an area of planned disturbance.

Well and Vapor Probe Abandonment

The 8 monitoring wells were abandoned in accordance with Oregon Administrative Rule (OAR) 690-240-0510, and the 4 soil vapor monitoring probes were abandoned in accordance with OAR 690-240-0035, by redrilling each borehole to a minimum of the original diameter, backfilling each boring from bottom to land surface with bentonite chips, and then hydrating the bentonite. Surface completions,

Scott MacDonald

8 March 2024

KJ Project No. 2396216*00

Page 2

including aboveground stove pipes and bollards, were also removed and the area backfilled with native soil or clean import to match surrounding grade.

Bollards, stove pipes and surface concrete debris were transported to Republic Services Coffin Butte for disposal on 13 December 2023. Drill cuttings and decontamination water generated during well abandonment activities were containerized in 55-gallon drums. Drill cuttings were transported offsite for disposal at the US Ecology landfill in Grandview, Idaho on 7 March 2024. Decontamination water was transported offsite for disposal at the Chemical Waste Management of the Northwest landfill in Arlington, Oregon on 6 March 2024. Copies of the waste manifests are attached for reference.

AEC submitted well abandonment reports for the 8 groundwater monitoring wells to DEQ as required by OAR 690-240-0510. The well abandonment reports are attached for reference.

Very truly yours,

KENNEDY/JENKS CONSULTANTS



Shaelyn Thomas, P.E.
Project Manager

Attachments

1. Non-Hazardous Waste Manifests
 2. Well Abandonment Reports
-

Attachment 1

Non-Hazardous Waste Manifests

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number
N/A

2. Page 1 of 1

3. Emergency Response Phone
(800) 899-4672

4. Waste Tracking Number
P216.13175-01

5. Generator's Name and Mailing Address
BNSF RAILWAY
1500 NE IRVING STREET, SUITE 200
ATTN: SHAELYN THOMAS
PORTLAND, OR 97232

Generator's Site Address (if different than mailing address)
1414 SE SALEM AVE
ALBANY, OR 97321

Generator's Phone: (707) 845-3067

6. Transporter 1 Company Name
NRC ENVIRONMENTAL SERVICES INC

U.S. EPA ID Number
CAR 000 030 114

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
US ECOLOGY IDAHO, INC.
20400 LEMLEY ROAD
GRAND VIEW, ID 83624

U.S. EPA ID Number
IDD 073 114 654

Facility's Phone: (800) 274-1516

| 9. Waste Shipping Name and Description | 10. Containers | | 11. Total Quantity | 12. Unit Wt./Vol. |
|--|----------------|------|--------------------|-------------------|
| | No. | Type | | |
| 1. Material Not Regulated by D.O.T., (NON-RCRA SOIL) | 17 | DM | 003760 | P |
| 2. | | | | |
| 3. | | | | |
| 4. | | | | |

13. Special Handling Instructions and Additional Information
1. x 55GDM Profile # 67641-0
Job # P216.13175 [W:66.50,108000] PM: SC

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offor's Printed/Typed Name: ON BEHALF OF BNSF SANJIANE CESHAN Signature: [Signature] Month: 2 Day: 20 Year: 24

15. International Shipments Import to U.S. Export from U.S. Port of entry/exit: Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: SANJIANE CESHAN Signature: [Signature] Month: 2 Day: 24 Year: 24

Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

17. Discrepancy
17a. Discrepancy Indication Space Quantity Type Residue Partial Rejection Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number:

Facility's Phone: 17c. Signature of Alternate Facility (or Generator) Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Maudha Ruggs Signature: Maudha Ruggs Month: 10 Day: 27 Year: 24

GENERATOR
INT'L
TRANSPORTER
DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number
N/A

2. Page 1 of
1

3. Emergency Response Phone
(800) 899-4672

4. Waste Tracking Number
P216.13175-02

5. Generator's Name and Mailing Address
1500 NE IRVING STREET, SUITE 200
ATTN: SHAELYN THOMAS
PORTLAND, OR 97232
Generator's Phone: (707) 845-3067

Generator's Site Address (if different than mailing address)
1414 SE SALEM AVE
ALBANY, OR 97321

Transporter 1 Company Name
RC ENVIRONMENTAL SERVICES INC

U.S. EPA ID Number
CAR 000 030 114

Transporter 2 Company Name

U.S. EPA ID Number

Designated Facility Name and Site Address
CHEM WASTE MANAGEMENT OF NORTH
329 CEDAR SPRINGS LANE
LINGTON, OR 97812
Facility's Phone: (541) 454-2643

U.S. EPA ID Number
ORD 089 452 353

| 9. Waste Shipping Name and Description | 10. Containers | | 11. Total Quantity | 12. Unit Wt./Vol. | |
|--|----------------|------|--------------------|-------------------|--|
| | No. | Type | | | |
| 1. Material Not Regulated by D.O.T., (Non-RCRA Liquid) | 001 | DM | 000/100 | P | |
| 2. | | | | | |
| 3. | | | | | |
| 4. | | | | | |

13. Special Handling Instructions and Additional Information
1. x 55GDM Profile# OR358493 / WASTE CODE: X064
Job# P216.13175 [W:66.50.188000] PH:SC

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offor's Printed/Typed Name: *SHAELYN THOMAS* Signature: *[Signature]* Month: 2 Day: 22 Year: 04

15. International Shipments Import to U.S. Export from U.S. Port of entry/exit: Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: *SHAELYN THOMAS* Signature: *[Signature]* Month: 2 Day: 22 Year: 04

Transporter 2 Printed/Typed Name: *Michael Kahut* Signature: *[Signature]* Month: 03 Day: 06 Year: 04

17. Discrepancy
17a. Discrepancy Indication Space Quantity Type Residue Partial Rejection Full Rejection

17b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number:

Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Signature: Month: Day: Year:

TRANSPORTER INT'L
DESIGNATED FACILITY

Attachment 2

Well Abandonment Reports

STATE OF OREGON
MONITORING WELL REPORT

(as required by ORS 537.545 & ORS 537.765 & OAR 690-240-0395)

1/31/2024

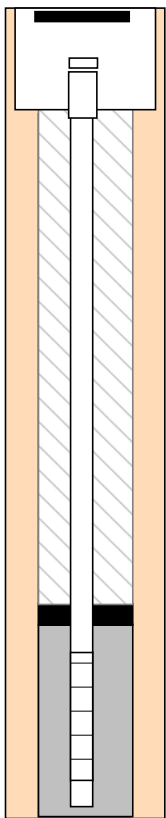
WELL I.D. LABEL# L 73468
START CARD # 1072310
ORIGINAL LOG # LINN 56368

(1) LAND OWNER Owner Well I.D. MW-1
First Name Last Name
Company BNSF RAILWAY CO
Address PO BOX 961089
City FT. WORTH State TX Zip 76161

(2) TYPE OF WORK New Deepening Conversion
Alteration (repair/recondition) Abandonment

(3) DRILL METHOD Rotary Air Rotary Mud Cable Hollow Stem Auger Cable Mud
Reverse Rotary Other SONIC

(4) CONSTRUCTION Piezometer Well
Depth of Completed Well 23.00 ft. Special Standard



MONUMENT/VAULT Below Ground
From To

BORE HOLE Diameter 10.5 From 0 To 23

CASING Dia. From To
Gauge Wld Thrd
Material Steel Plastic

LINER Dia. From To
Gauge Wld Thrd
Material Steel Plastic

SEAL From To
Material
Amount Grout weight

SCREEN Casing/Liner Material
Diameter From To
Slot Size

FILTER From To Material Size of pack
Seal Placement Begin Date 12/12/2023 Begin Time 14 00

(5) WELL TESTS Pump Bailer Air Flowing Artesian
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)

Temperature 53 °F Lab analysis Yes By

Supervising Geologist/Engineer

Water quality concerns? Yes (describe below) TDS amount 115 ppm
From To Description Amount Units

(6) LOCATION OF WELL (legal description)
County LINN Twp 11.00 S N/S Range 3.00 W E/W WM
Sec 5 SW 1/4 of the SW 1/4 Tax Lot 04300
Tax Map Number Lot 4300
Lat 44.63732314 DMS or DD
Long -123.08792958 DMS or DD
Street address of well Nearest address
1414 SALEM AVE SE, ALBANY, OR 97321

(7) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)
Existing Well / Predeepening
Completed Well 12/12/2023 16
Flowing Artesian? Dry Hole?
WATER BEARING ZONES Depth water was first found 16.00
SWL Date From To Est Flow SWL(psi) + SWL(ft)
12/12/2023 16 23 16

(8) WELL LOG Ground Elevation
Material From To
Bent Chips 0 23

Construction Begin Date 12/12/2023 Begin Time 14 00 End Date 12/12/2023

(unbonded) Monitor 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 monitoring well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
License Number Date
Password : (if filing electronically)
Signed

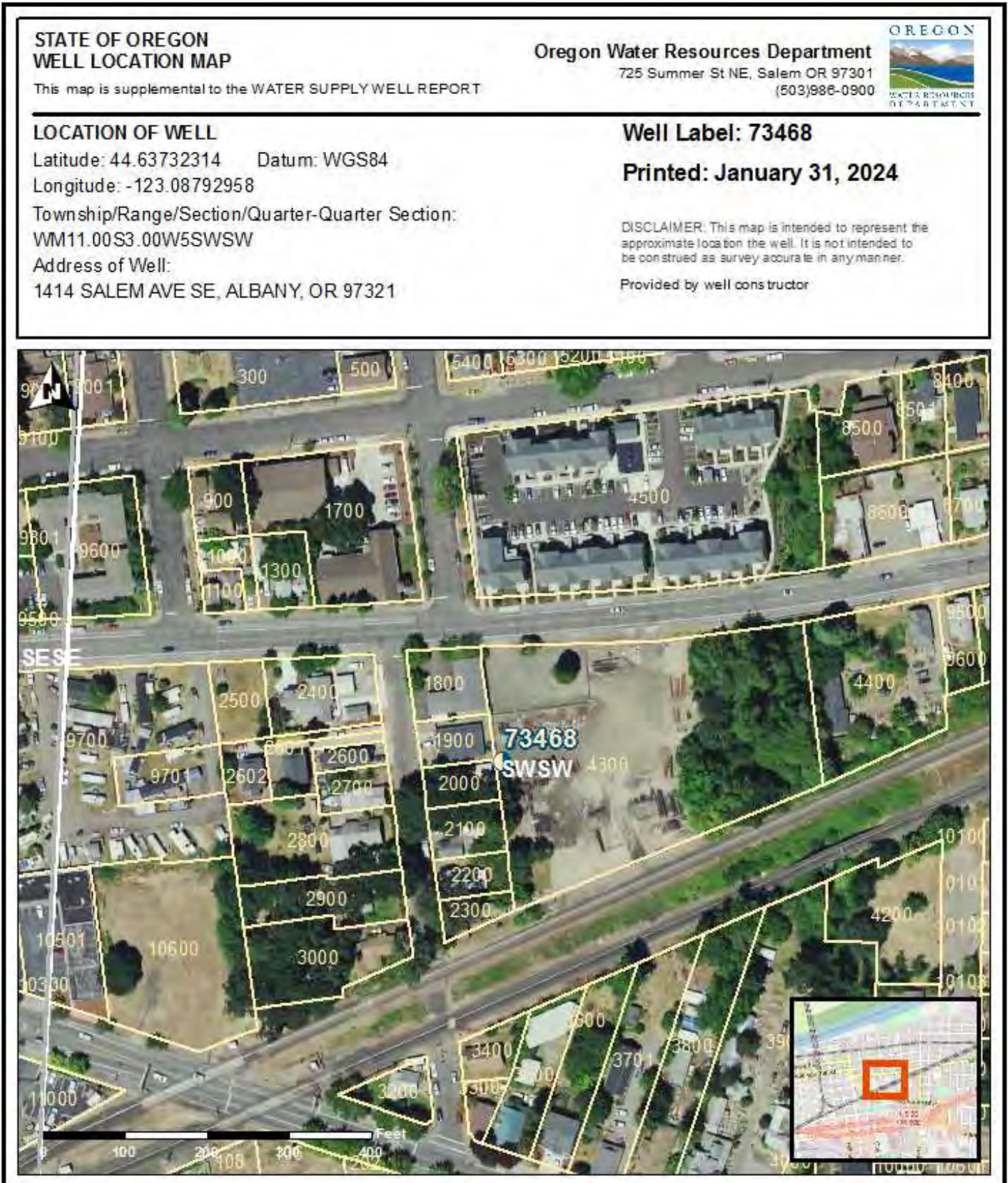
(bonded) Monitor Well Constructor Certification
I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon monitoring well construction standards. This report is true to the best of my knowledge and belief.
License Number 2022 Date 1/31/2024
Password : (if filing electronically)
Signed STEVE VIBBARD (E-filed)
Contact Info (optional) chelseyr@aecllc.net

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

LINN 64423

1/31/2024

Map of Hole



STATE OF OREGON
MONITORING WELL REPORT

(as required by ORS 537.545 & ORS 537.765 & OAR 690-240-0395)

1/31/2024

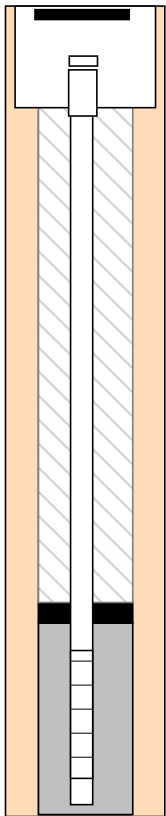
WELL I.D. LABEL# L 73469
START CARD # 1072309
ORIGINAL LOG # LINN 56369

(1) LAND OWNER Owner Well I.D. MW2
First Name Last Name
Company BNSF RAILWAY CO
Address PO BOX 961089
City FT. WORTH State TX Zip 76161

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

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

(4) CONSTRUCTION Piezometer Well []
Depth of Completed Well 23.00 ft. Special Standard []



MONUMENT/VAULT Below Ground
From To

BORE HOLE Diameter 10.5 From 0 To 23

CASING Dia. From To
Gauge Wld Thrd
Material [] Steel [] Plastic [] []

LINER Dia. From To
Gauge Wld Thrd
Material [] Steel [] Plastic [] []

SEAL From To
Material
Amount Grout weight

SCREEN Casing/Liner Material
Diameter From To
Slot Size

FILTER From To Material Size of pack
Seal Placement Begin Date 12/12/2023 Begin Time 16 00

(5) WELL TESTS
[] Pump [] Bailer [] Air [] Flowing Artesian
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)

Temperature 53 °F Lab analysis [] Yes By
Supervising Geologist/Engineer
Water quality concerns? [] Yes (describe below) TDS amount 115 ppm
From To Description Amount Units

(6) LOCATION OF WELL (legal description)
County LINN Twp 11.00 S N/S Range 3.00 W E/W WM
Sec 5 SW 1/4 of the SW 1/4 Tax Lot 04300
Tax Map Number Lot 4300
Lat 44.63753563 DMS or DD
Long -123.08713788 DMS or DD
[] Street address of well [] Nearest address
1414 SALEM AVE SE, ALBANY, OR 97321

(7) STATIC WATER LEVEL
Date SWL(psi) + SWL(ft)
Existing Well / Predeepening
Completed Well 12/12/2023 16
Flowing Artesian? [] Dry Hole? []
WATER BEARING ZONES Depth water was first found 16.00
SWL Date From To Est Flow SWL(psi) + SWL(ft)
12/12/2023 16 23 16

(8) WELL LOG Ground Elevation
Material From To
Bent Chips 0 23
Construction
Begin Date 12/12/2023 Begin Time 15 0 End Date 12/12/2023

(unbonded) Monitor 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 monitoring well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
License Number Date
Password : (if filing electronically)
Signed

(bonded) Monitor 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 monitoring well construction standards. This report is true to the best of my knowledge and belief.
License Number 2022 Date 1/31/2024
Password : (if filing electronically)
Signed STEVE VIBBARD (E-filed)
Contact Info (optional) chelseyr@aecllc.net

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

LINN 64424

1/31/2024

Map of Hole



STATE OF OREGON
MONITORING WELL REPORT

(as required by ORS 537.545 & ORS 537.765 & OAR 690-240-0395)

2/1/2024

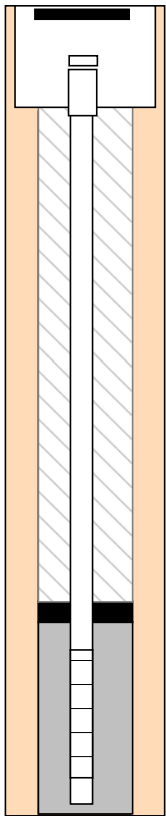
WELL I.D. LABEL# L
START CARD # 1072711
ORIGINAL LOG #

(1) LAND OWNER Owner Well I.D. MW-4
First Name Last Name
Company BNSF RAILWAY CO
Address PO BOX 961089
City FT. WORTH State TX Zip 76161

(2) TYPE OF WORK New Deepening Conversion
Alteration (repair/recondition) Abandonment

(3) DRILL METHOD Rotary Air Rotary Mud Cable Hollow Stem Auger Cable Mud
Reverse Rotary Other SONIC

(4) CONSTRUCTION Piezometer Well
Depth of Completed Well 25.00 ft. Special Standard



MONUMENT/VAULT Below Ground
From To

BORE HOLE Diameter 10.5 From 0 To 25

CASING Dia. From To
Gauge Wld Thrd
Material Steel Plastic

LINER Dia. From To
Gauge Wld Thrd
Material Steel Plastic

SEAL From To
Material
Amount Grout weight

SCREEN Casing/Liner Material
Diameter From To
Slot Size

FILTER From To Material Size of pack
Seal Placement Begin Date 12/12/2023 Begin Time 18 00

(5) WELL TESTS

Table with 4 columns: Yield gal/min, Drawdown, Drill stem/Pump depth, Duration (hr). Includes radio buttons for Pump, Bailer, Air, and Flowing Artesian.

Temperature 53 °F Lab analysis Yes By

Supervising Geologist/Engineer

Table with 5 columns: From, To, Description, Amount, Units. For water quality concerns.

(6) LOCATION OF WELL (legal description)
County LINN Twp 11.00 S N/S Range 3.00 W E/W WM
Sec 5 SW 1/4 of the SW 1/4 Tax Lot 04300
Tax Map Number Lot 4300
Lat 44.63767671 DMS or DD
Long -123.08793884 DMS or DD
Street address of well Nearest address
1414 SALEM AVE SE, ALBANY, OR 97321

(7) STATIC WATER LEVEL
Table with columns: Date, SWL(psi), + SWL(ft). Includes rows for Existing Well / Predeepening and Completed Well (12/12/2023, 15). Also includes Water Bearing Zones table.

(8) WELL LOG
Ground Elevation 216.73 FT
Table with columns: Material, From, To. Includes Bent Chips from 0 to 25.

Construction Begin Date 12/12/2023 Begin Time 17 00 End Date 12/12/2023

(unbonded) Monitor 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 monitoring well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
License Number Date
Password : (if filing electronically)
Signed

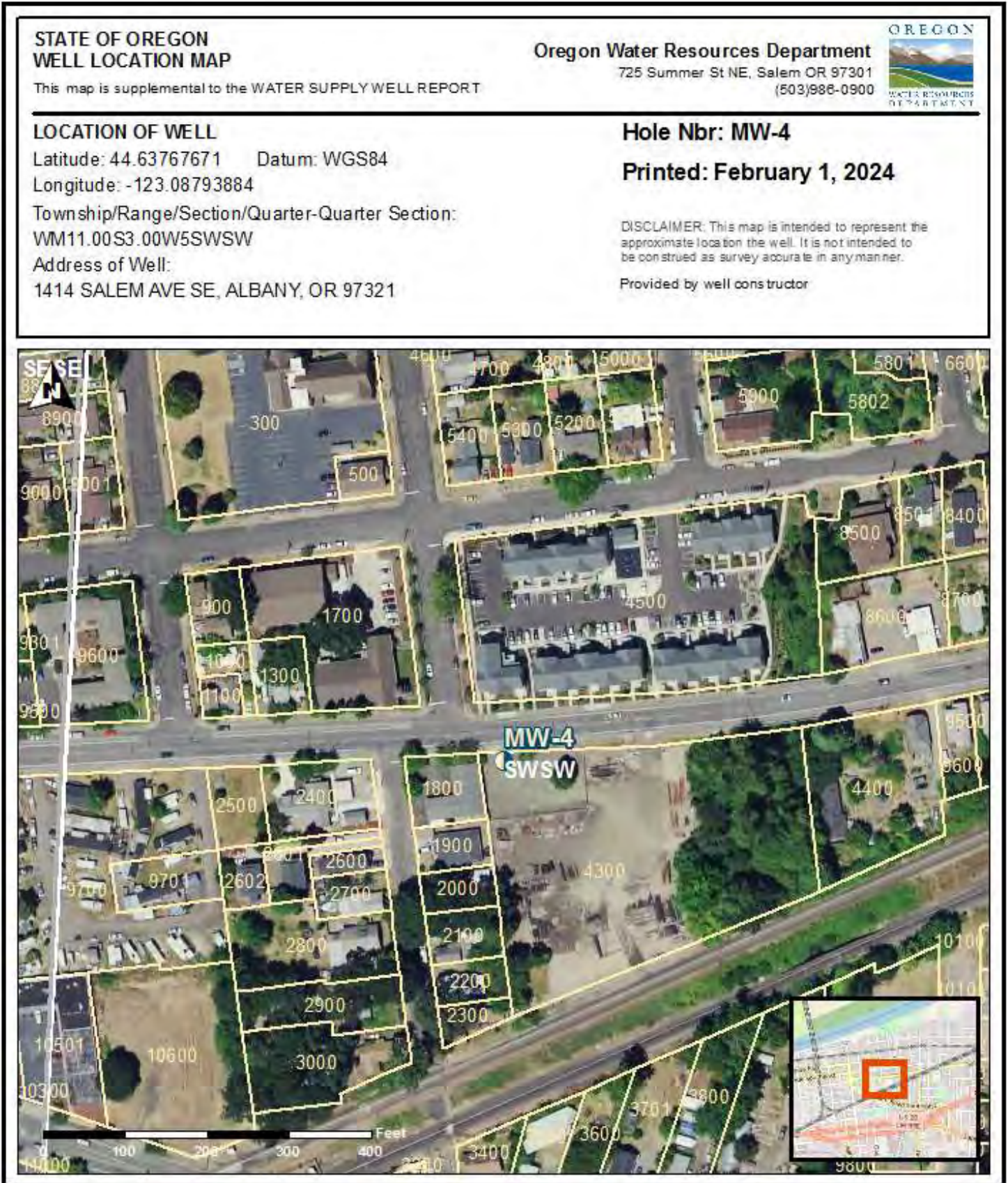
(bonded) Monitor Well Constructor Certification
I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon monitoring well construction standards. This report is true to the best of my knowledge and belief.
License Number 2022 Date 2/1/2024
Password : (if filing electronically)
Signed STEVE VIBBARD (E-filed)
Contact Info (optional) chelseyr@aecllc.net

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

LINN 64428

2/1/2024

Map of Hole



STATE OF OREGON
MONITORING WELL REPORT

(as required by ORS 537.545 & ORS 537.765 & OAR 690-240-0395)

2/1/2024

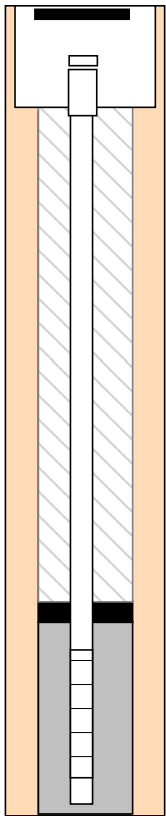
WELL I.D. LABEL# L
START CARD # 1072712
ORIGINAL LOG #

(1) LAND OWNER Owner Well I.D. MW-5
First Name Last Name
Company BNSF RAILWAY CO
Address PO BOX 961089
City FT. WORTH State TX Zip 76161

(2) TYPE OF WORK New Deepening Conversion
Alteration (repair/recondition) Abandonment

(3) DRILL METHOD Rotary Air Rotary Mud Cable Hollow Stem Auger Cable Mud
Reverse Rotary Other SONIC

(4) CONSTRUCTION Piezometer Well
Depth of Completed Well 25.00 ft. Special Standard



MONUMENT/VAULT Below Ground
From To

BORE HOLE Diameter 10.5 From 0 To 25

CASING Dia. From To
Gauge Wld Thrd
Material Steel Plastic

LINER Dia. From To
Gauge Wld Thrd
Material Steel Plastic

SEAL From To
Material
Amount Grout weight

SCREEN Casing/Liner Material
Diameter From To
Slot Size

FILTER From To Material Size of pack
Seal Placement Begin Date 12/12/2023 Begin Time 13 00

(5) WELL TESTS

Pump Bailer Air Flowing Artesian
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)

Temperature 53 °F Lab analysis Yes By

Supervising Geologist/Engineer

Water quality concerns? Yes (describe below) TDS amount 115 ppm
From To Description Amount Units

(6) LOCATION OF WELL (legal description)

County LINN Twp 11.00 S N/S Range 3.00 W E/W WM
Sec 5 SW 1/4 of the SW 1/4 Tax Lot 04300
Tax Map Number Lot 4300
Lat 44.63770725 DMS or DD
Long -123.08742922 DMS or DD
Street address of well Nearest address
1414 SALEM AVE SE, ALBANY, OR 97321

(7) STATIC WATER LEVEL

Table with columns: Date, SWL(psi), + SWL(ft). Includes rows for Existing Well / Predeepening, Completed Well (12/12/2023, 16), and Water Bearing Zones.

(8) WELL LOG

Table with columns: Material, From, To. Includes Bent Chips from 0 to 25 feet depth.

Construction Begin Date 12/12/2023 Begin Time 11 00 End Date 12/12/2023

(unbonded) Monitor 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 monitoring well construction standards.

License Number Date
Password : (if filing electronically)
Signed

(bonded) Monitor Well Constructor Certification

I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above.

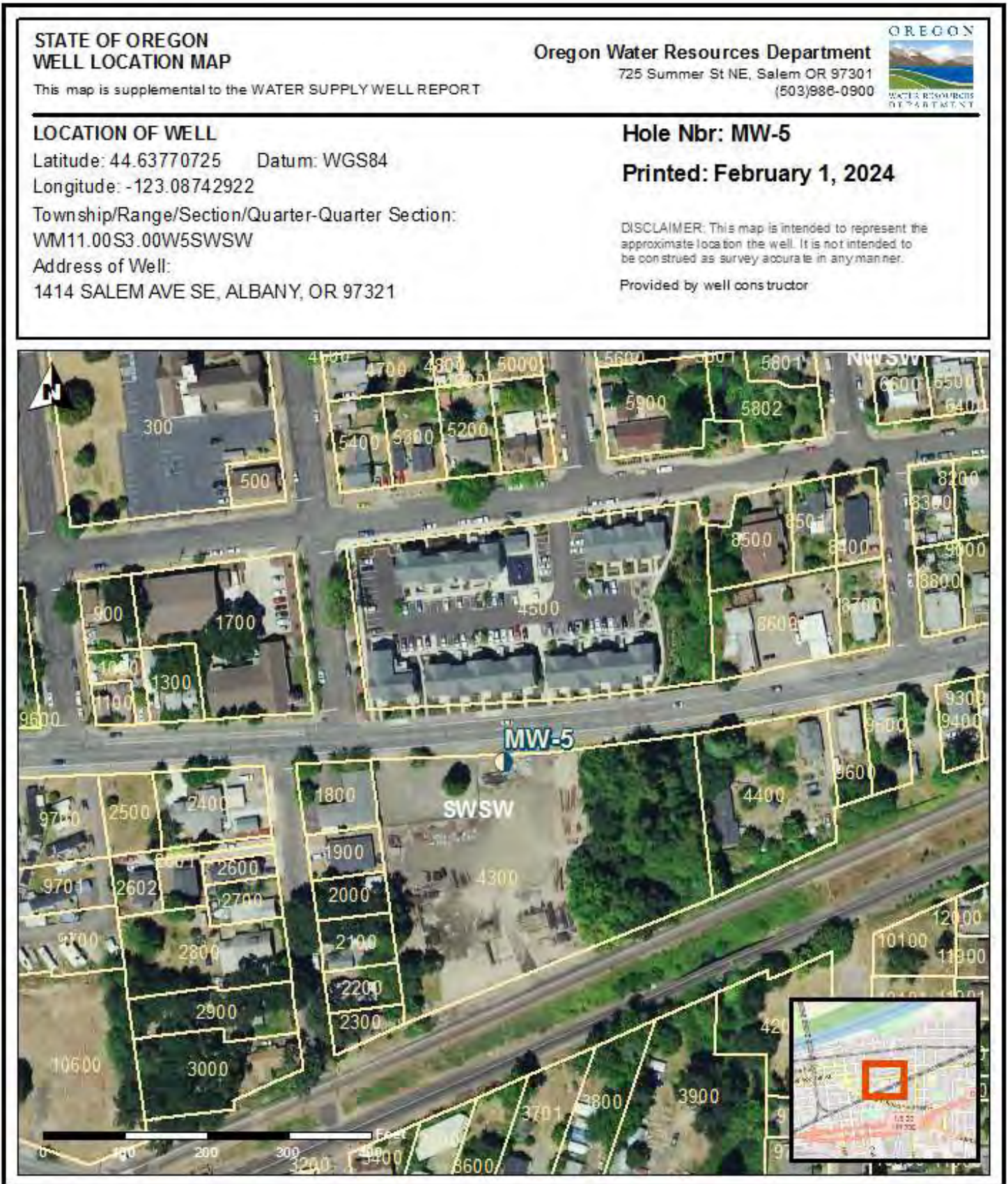
License Number 2022 Date 2/1/2024
Password : (if filing electronically)
Signed STEVE VIBBARD (E-filed)
Contact Info (optional) chelseyr@aecllc.net

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

LINN 64429

2/1/2024

Map of Hole



STATE OF OREGON
WELL LOCATION MAP

This map is supplemental to the WATER SUPPLY WELL REPORT

Oregon Water Resources Department

725 Summer St NE, Salem OR 97301
(503)988-0900



LOCATION OF WELL

Latitude: 44.63770725 Datum: WGS84

Longitude: -123.08742922

Township/Range/Section/Quarter-Quarter Section:
WM11.00S3.00W5SWSW

Address of Well:
1414 SALEM AVE SE, ALBANY, OR 97321

Hole Nbr: MW-5

Printed: February 1, 2024

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

STATE OF OREGON
MONITORING WELL REPORT

(as required by ORS 537.545 & ORS 537.765 & OAR 690-240-0395)

1/31/2024

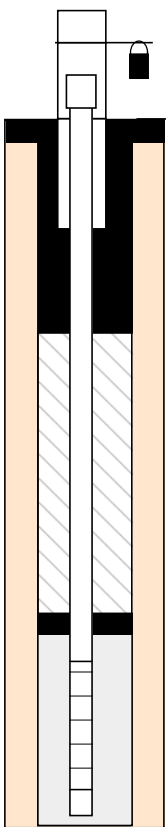
WELL I.D. LABEL# L 94754
START CARD # 1072306
ORIGINAL LOG # LINN 58792

(1) LAND OWNER Owner Well I.D. MW9A
First Name Last Name
Company BNSF RAILWAY CO
Address PO BOX 961089
City FT. WORTH State TX Zip 76161

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

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

(4) CONSTRUCTION Piezometer Well []
Depth of Completed Well 22.00 ft. Special Standard []



MONUMENT/VAULT Above Ground
From To

BORE HOLE Diameter 10.5 From 0 To 22

CASING Dia. From To
Gauge Wld Thrd
Material [] Steel [] Plastic [] []

LINER Dia. From To
Gauge Wld Thrd
Material [] Steel [] Plastic [] []

SEAL From To
Material
Amount Grout weight

SCREEN Casing/Liner Material
Diameter From To
Slot Size

FILTER From To Material Size of pack
Seal Placement Begin Date 12/11/2023 Begin Time 11 00

(5) WELL TESTS

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

Temperature 53 °F Lab analysis [] Yes By

Supervising Geologist/Engineer

Water quality concerns? [] Yes (describe below) TDS amount 115 ppm
From To Description Amount Units

(6) LOCATION OF WELL (legal description)

County LINN Twp 11.00 S N/S Range 3.00 W E/W WM
Sec 5 SW 1/4 of the SW 1/4 Tax Lot 04300
Tax Map Number Lot 4300
Lat ° ' " or 44.63744784 DMS or DD
Long ° ' " or -123.08772126 DMS or DD
[] Street address of well [X] Nearest address

1414 SALEM AVE SE, ALBANY, OR 97321

(7) STATIC WATER LEVEL

Table with columns: Date, SWL(psi), + SWL(ft). Includes rows for Existing Well / Predeepening, Completed Well (12/11/2023, 15), and SWL Date/From/To/Est Flow/SWL(psi) + SWL(ft) table.

(8) WELL LOG

Table with columns: Material, From, To, Ground Elevation. Includes Bent Chips from 0 to 22.

Construction Begin Date 12/11/2023 Begin Time 8 0 End Date 12/11/2023

(unbonded) Monitor 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 monitoring well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

License Number Date
Password : (if filing electronically)
Signed

(bonded) Monitor 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 monitoring well construction standards. This report is true to the best of my knowledge and belief.

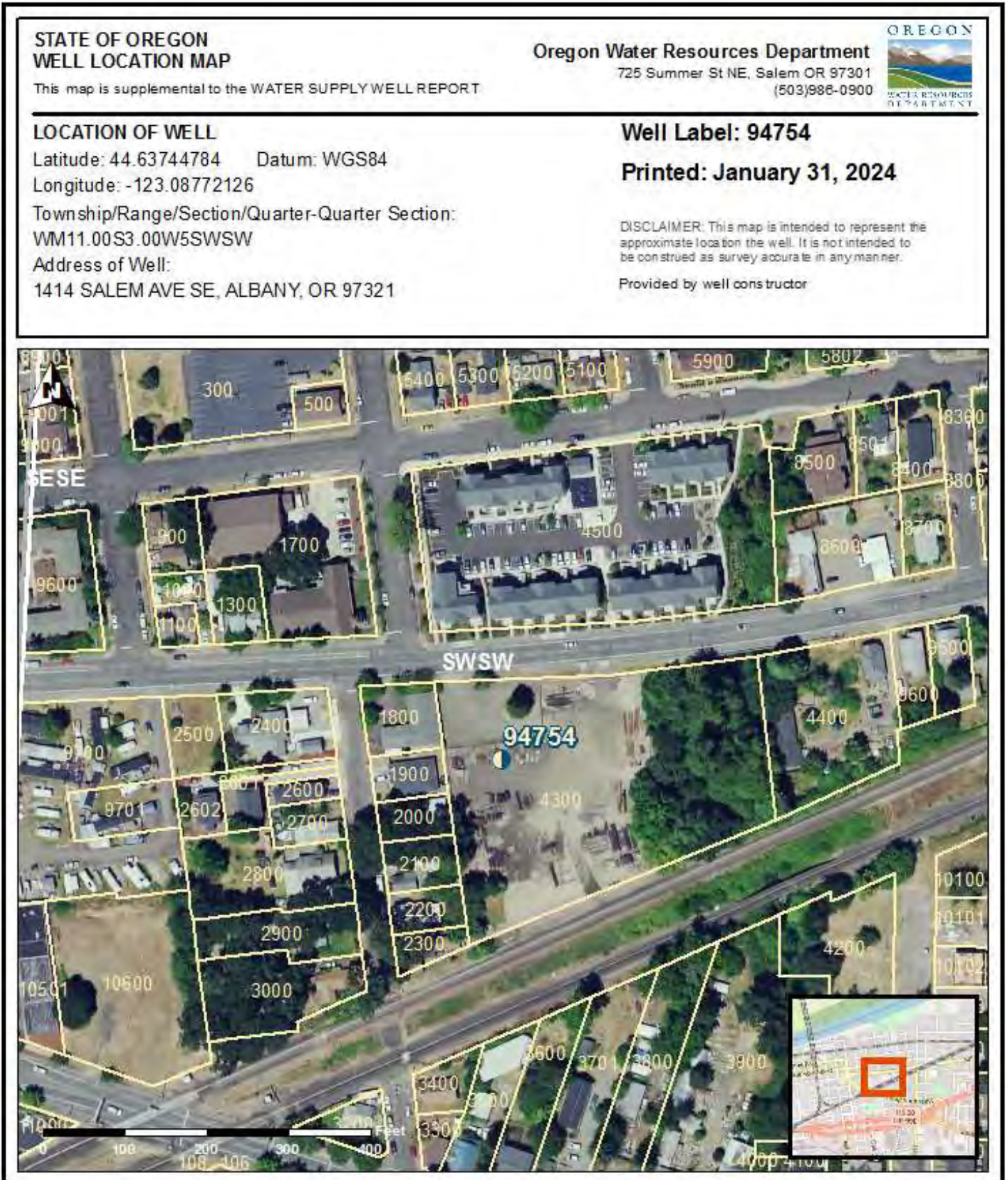
License Number 2022 Date 1/31/2024
Password : (if filing electronically)
Signed STEVE VIBBARD (E-filed)
Contact Info (optional) chelseyr@aecllc.net

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

LINN 64425

1/31/2024

Map of Hole



STATE OF OREGON
WELL LOCATION MAP

Oregon Water Resources Department

725 Summer St NE, Salem OR 97301
(503)986-0900



This map is supplemental to the WATER SUPPLY WELL REPORT

LOCATION OF WELL

Latitude: 44.63744784 Datum: WGS84
Longitude: -123.08772126
Township/Range/Section/Quarter-Quarter Section:
WM11.00S3.00W5SWSW
Address of Well:
1414 SALEM AVE SE, ALBANY, OR 97321

Well Label: 94754

Printed: January 31, 2024

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

STATE OF OREGON
MONITORING WELL REPORT

(as required by ORS 537.545 & ORS 537.765 & OAR 690-240-0395)

2/1/2024

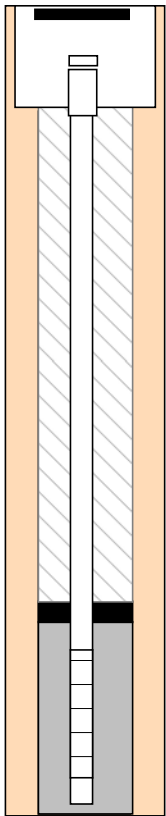
WELL I.D. LABEL# L
START CARD # 1072713
ORIGINAL LOG #

(1) LAND OWNER
Owner Well I.D. MW-12
First Name Last Name
Company BNSF RAILWAY CO
Address PO BOX 961089
City FT. WORTH State TX Zip 76161

(2) TYPE OF WORK
New Deepening Conversion
Alteration (repair/recondition) Abandonment

(3) DRILL METHOD
Rotary Air Rotary Mud Cable Hollow Stem Auger Cable Mud
Reverse Rotary Other SONIC

(4) CONSTRUCTION
Piezometer Well
Depth of Completed Well 23.00 ft. Special Standard



MONUMENT/VAULT Below Ground
From To

BORE HOLE
Diameter 10.5 From 0 To 25

CASING
Dia. From To
Gauge Wld Thrd
Material Steel Plastic

LINER
Dia. From To
Gauge Wld Thrd
Material Steel Plastic

SEAL
From To
Material
Amount Grout weight

SCREEN
Casing/Liner Material
Diameter From To
Slot Size

FILTER
From To Material Size of pack
Seal Placement Begin Date 12/12/2023 Begin Time 16 00

(5) WELL TESTS
Pump Bailer Air Flowing Artesian
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)

Temperature 53 °F Lab analysis Yes By
Supervising Geologist/Engineer
Water quality concerns? Yes (describe below) TDS amount 115 ppm
From To Description Amount Units

(6) LOCATION OF WELL (legal description)
County LINN Twp 11.00 S N/S Range 3.00 W E/W WM
Sec 5 SW 1/4 of the SW 1/4 Tax Lot 04300
Tax Map Number Lot 4300
Lat 44.63734653 DMS or DD
Long -123.08755260 DMS or DD
Street address of well Nearest address
1414 SALEM AVE SE, ALBANY, OR 97321

(7) STATIC WATER LEVEL
Date SWL(psi) + SWL(ft)
Existing Well / Predeepening
Completed Well 12/12/2023 16
Flowing Artesian? Dry Hole?
WATER BEARING ZONES
Depth water was first found 16.00
SWL Date From To Est Flow SWL(psi) + SWL(ft)
12/12/2023 16 25 16

(8) WELL LOG
Ground Elevation 216.54 FT
Material From To
Bent Chips 0 25
Construction
Begin Date 12/12/2023 Begin Time 14 00 End Date 12/12/2023

(unbonded) Monitor 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 monitoring well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
License Number Date
Password : (if filing electronically)
Signed

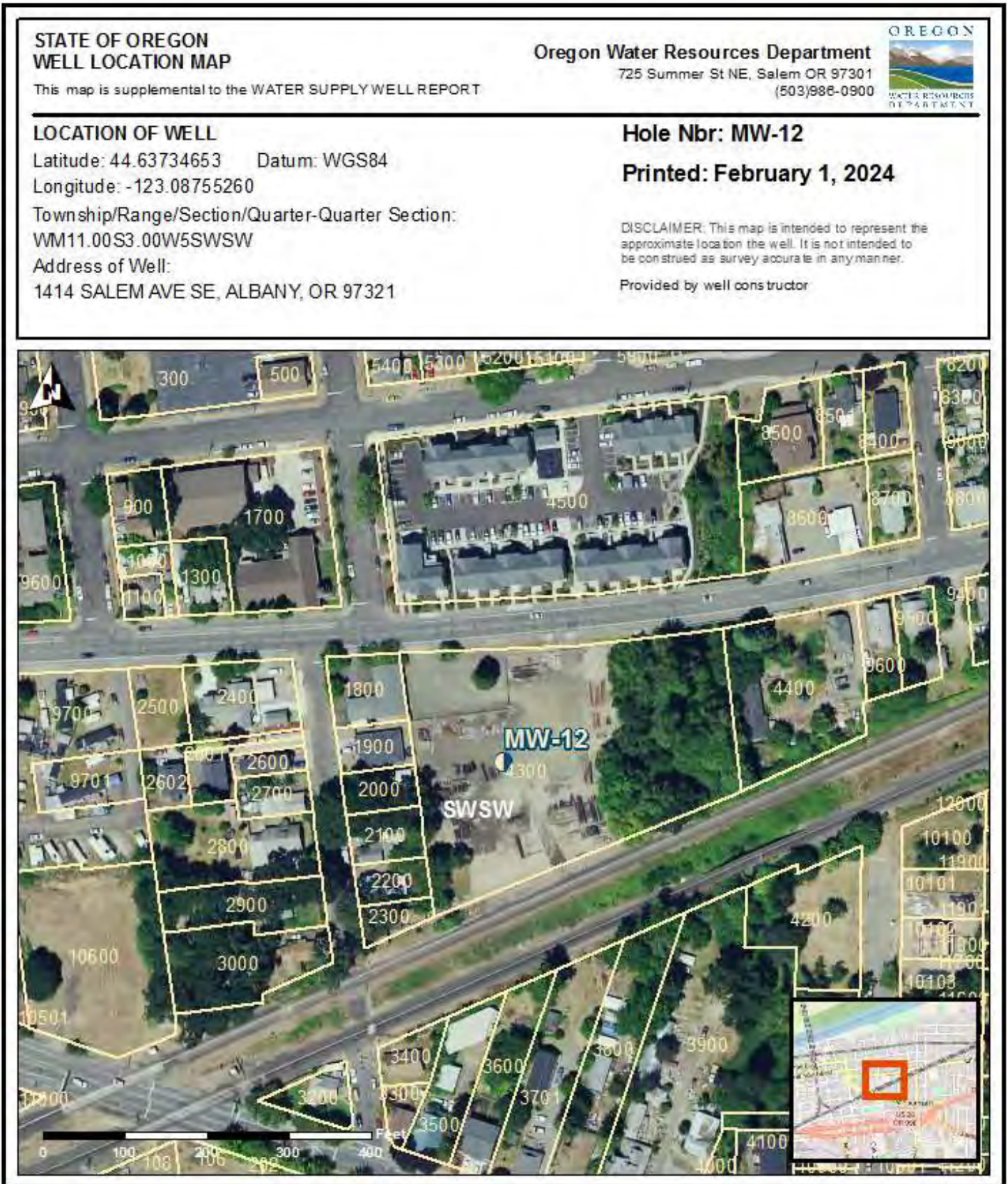
(bonded) Monitor Well Constructor Certification
I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon monitoring well construction standards. This report is true to the best of my knowledge and belief.
License Number 2022 Date 2/1/2024
Password : (if filing electronically)
Signed STEVE VIBBARD (E-filed)
Contact Info (optional) chelseyr@aecllc.net

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

LINN 64427

2/1/2024

Map of Hole



STATE OF OREGON
MONITORING WELL REPORT

(as required by ORS 537.545 & ORS 537.765 & OAR 690-240-0395)

1/31/2024

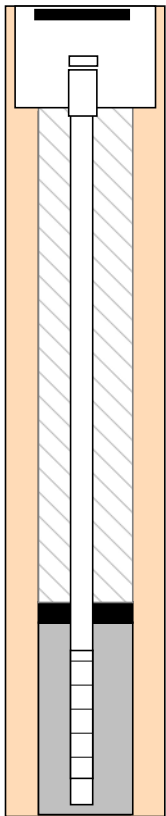
WELL I.D. LABEL# L 94752
START CARD # 1072308
ORIGINAL LOG # LINN 58790

(1) LAND OWNER Owner Well I.D. MW-13
First Name Last Name
Company BNSF RAILWAY CO
Address PO BOX 961089
City FT. WORTH State TX Zip 76161

(2) TYPE OF WORK New Deepening Conversion
Alteration (repair/recondition) Abandonment

(3) DRILL METHOD Rotary Air Rotary Mud Cable Hollow Stem Auger Cable Mud
Reverse Rotary Other SONIC

(4) CONSTRUCTION Piezometer Well
Depth of Completed Well 22.00 ft. Special Standard



MONUMENT/VAULT Below Ground
From To

BORE HOLE Diameter 10.5 From 0 To 22

CASING Dia. From To
Gauge Wld Thrd
Material Steel Plastic

LINER Dia. From To
Gauge Wld Thrd
Material Steel Plastic

SEAL From To
Material
Amount Grout weight

SCREEN Casing/Liner Material
Diameter From To
Slot Size

FILTER From To Material Size of pack
Seal Placement Begin Date 12/12/2023 Begin Time 13 00

(5) WELL TESTS Pump Bailer Air Flowing Artesian
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)

Temperature 53 °F Lab analysis Yes By

Supervising Geologist/Engineer

Water quality concerns? Yes (describe below) TDS amount 115 pCi/L
Table with columns: From, To, Description, Amount, Units

(6) LOCATION OF WELL (legal description)
County LINN Twp 11.00 S N/S Range 3.00 W E/W WM
Sec 5 SW 1/4 of the SW 1/4 Tax Lot 04300
Tax Map Number Lot 4300
Lat Long
Street address of well Nearest address
1414 SALEM AVE SE, ALBANY, OR 97321

(7) STATIC WATER LEVEL
Table with columns: Date, SWL(psi), + SWL(ft)
Existing Well / Predeepening, Completed Well
Flowing Artesian? Dry Hole?
WATER BEARING ZONES Depth water was first found 12.00
Table with columns: SWL Date, From, To, Est Flow, SWL(psi), + SWL(ft)

(8) WELL LOG Ground Elevation
Table with columns: Material, From, To
BENT CHIPS 0 22

Construction Begin Date 12/12/2023 Begin Time 11 00 End Date 12/12/2023

(unbonded) Monitor 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 monitoring well construction standards.
License Number Date
Password: (if filing electronically)
Signed

(bonded) Monitor 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 2022 Date 1/31/2024
Password: (if filing electronically)
Signed STEVE VIBBARD (E-filed)
Contact Info (optional) chelseyr@aecllc.net

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

LINN 64421

1/31/2024

Map of Hole



STATE OF OREGON
MONITORING WELL REPORT

(as required by ORS 537.545 & ORS 537.765 & OAR 690-240-0395)

1/31/2024

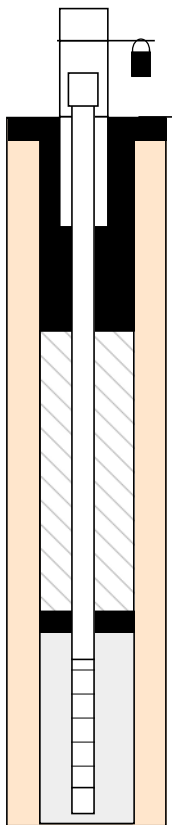
WELL I.D. LABEL# L 94753
START CARD # 1072307
ORIGINAL LOG # LINN 58791

(1) LAND OWNER
Owner Well I.D. MW-14
First Name Last Name
Company BNSF RAILWAY CO
Address PO BOX 961089
City FT. WORTH State TX Zip 76161

(2) TYPE OF WORK
New Deepening Conversion
Alteration (repair/recondition) Abandonment

(3) DRILL METHOD
Rotary Air Rotary Mud Cable Hollow Stem Auger Cable Mud
Reverse Rotary Other SONIC

(4) CONSTRUCTION
Piezometer Well
Depth of Completed Well 22.00 ft. Special Standard



MONUMENT/VAULT Above Ground
From To

BORE HOLE
Diameter 10.5 From 0 To 22

CASING
Dia. From To
Gauge Wld Thrd
Material Steel Plastic

LINER
Dia. From To
Gauge Wld Thrd
Material Steel Plastic

SEAL
From To
Material
Amount Grout weight

SCREEN
Casing/Liner Material
Diameter From To
Slot Size

FILTER
From To Material Size of pack
Seal Placement Begin Date 12/12/2023 Begin Time 13 00

(5) WELL TESTS
Pump Bailer Air Flowing Artesian
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)

Temperature 53 F Lab analysis Yes By
Supervising Geologist/Engineer
Water quality concerns? Yes (describe below) TDS amount 115 ppm
From To Description Amount Units

(6) LOCATION OF WELL (legal description)
County LINN Twp 11.00 S N/S Range 3.00 W E/W WM
Sec 5 SW 1/4 of the SW 1/4 Tax Lot 04300
Tax Map Number Lot 4300
Lat 44.63715646 DMS or DD
Long -123.08761263 DMS or DD
Street address of well Nearest address
1414 SALEM AVE SE, ALBANY, OR 97321

(7) STATIC WATER LEVEL
Date SWL(psi) + SWL(ft)
Existing Well / Predeepening
Completed Well 12/12/2023 15
Flowing Artesian? Dry Hole?
WATER BEARING ZONES
Depth water was first found 15.00
SWL Date From To Est Flow SWL(psi) + SWL(ft)
12/12/2023 15 22 15

(8) WELL LOG
Ground Elevation
Material From To
Bent Chips 0 22
Construction
Begin Date 12/12/2023 Begin Time 13 00 End Date 12/12/2023

(unbonded) Monitor 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 monitoring well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
License Number Date
Password : (if filing electronically)
Signed

(bonded) Monitor 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 monitoring well construction standards. This report is true to the best of my knowledge and belief.
License Number 2022 Date 1/31/2024
Password : (if filing electronically)
Signed STEVE VIBBARD (E-filed)
Contact Info (optional) chelseyr@aellc.net

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

LINN 64422

1/31/2024

Map of Hole



STATE OF OREGON
WELL LOCATION MAP

This map is supplemental to the WATER SUPPLY WELL REPORT

Oregon Water Resources Department

725 Summer St NE, Salem OR 97301
(503)986-0900



LOCATION OF WELL

Latitude: 44.63715646 Datum: WGS84

Longitude: -123.08761263

Township/Range/Section/Quarter-Quarter Section:

WM11.00S3.00W5SWSW

Address of Well:

1414 SALEM AVE SE, ALBANY, OR 97321

Well Label: 94753

Printed: January 31, 2024

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