A. Ullrich

DEQ
State of Oregon Department of Environmental Quality

Oregon Department of Environmental Quality

SSO Reporting Form

SSO

This information must be submitted within 5 days of becoming aware of the overflow.
Please complete online and print for signature. Be sure to fill out all fields.

FACILITY/CONTACT INFORMATION		
Name of Permittee: ROSEBURG URBAN SANITARY AUTHORITY		
Contact Name: STEPHEN T. LUSCH		
Phone:	Email:	County:
(541) 672-1551	STLUSCH@RUSA-OR.ORG	Douglas
DEQ Permit # (see permit face page): 100981		DEQ File #:76771
OERS Incident #: 2025-0695	Date Reported to OERS: 03/17/2025	
Date Reported To DEQ: 03/17/2025	Today's Date: 03/18/2025	
Date SSO Started (if known): 03/16/2025	Time Started (if known):	
Date SSO Stopped (if known): 03/16/2025	Time Stopped (if known):	
SSO Location: Other (explain): See attached		
SSO Nearest Address: See attached		
City: Roseburg	Zip Code: 97470	
SSO Latitude (if known):	Longitude (if known):	
Estimate of Quantity Overflowed: 692,000		(Gallons) Link to estimation method
Did the SSO discharge to surface water? Yes		
Name of waterbody: Newton Creek, Deer Creek, South Umpqua River		

PUBLIC NOTIFICATION
Notified downstream drinking water sources (List Below)? Yes
Name of drinking water facility: City of Elkton
Signs Posted? No
Media contacted? No
Who? N/A
List any other steps taken to notify the public or state/federal agencies: Called City of Elkton, OERS, and DEQ

CAUSES
Cause or suspected cause of the overflow: Rainfall in excess of 5 years, 24 hours design storm *If needed, attach additional sheets*
Rainfall in the 24 hours prior to SSO (for storm-related overflows): 2.85 - 3.79 see attached (inches)
Source of rainfall data: National Weather Services Advanced Hydrologic Prediction Service *If needed, attach additional sheets*

1-in-5 year 24 hour rainfall for the sewerage system area (if known):	3.0	(in/24hr)

EMERGENCY RESPONSE AND MIGRATION

List actions taken to stop and mitigate the impact of the SSO.

For overland flow:	Taped off affected area? No
	Cleaned up affected area? Yes
For SSO to surface water:	Bacteria samples taken to confirm impact? No
	Follow up bacteria samples taken to confirm end of impact? No

Describe monitoring and results:

South Umpqua River was flowing at 29.47 ft and 86400 cfs
Deer Creek was flowing at 15.91 ft and 6360 cfs

For SSOs that impact buildings:	Pumped out flooded buildings? N/A
	Disinfected? N/A

Other measures taken (describe):

RUSA crews monitored surcharging manholes and cleaned up debris from overland flow areas.

Steps taken or planned to reduce, eliminate, and prevent the reoccurrence of the overflow and schedule for those steps:

Roseburg Urban Sanitary Authority consistently develops and completes annual collection system improvement projects that target I&I and other problem areas to improve capacity and integrity of the system.

COMMENTS

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

Stephen Lusch — 03/18/2025

Authorized Signature — Date

Stephen T Lusch — (541) 672-1551

Name (print) — Phone Number

*You may attach additional information to this report before sending to DEQ as needed to explain the circumstances of the overflow. This information may include but is not limited to: maintenance records and bacteria monitoring results.

Upon completion, print out this form and send to the appropriate DEQ Address:		
Portland-Permit Coordinator 700 NE Multnomah St., Suite 600 Portland, OR 97232	**Salem-Permit Coordinator** 4026 Fairview Industrial Dr. SE Salem, OR 97302	**Pendleton-Permit Coordinator** 800 SE Emigrant, #330 Pendleton, OR 97801

FOR DEQ PERSONNEL ONLY

- ☐ Pre-Enforcement Notice
- ☐ Warning Letter

No enforcement action was warranted because:

- ☐ The SSO was caused by unpreventable vandalism or similar force majeure; or
- ☐ The SSO is allowed as an exception to the permit as maintenance; or
- ☐ The cause of the current SSO was beyond reasonable control AND we do not expect the premittee to prevent similar SSOs in the future; or
- ☐ The SSO was 400 gallons or less, spilled to the ground and not reaching surface water; permittee properly reported, cleaned up, and took appropriate public notice measures; and the SSO was not part of a chronic problem.

COMMENTS

ROSEBURG URBAN SANITARY AUTHORITY
SURCHARGED MANHOLES
3/16/2025

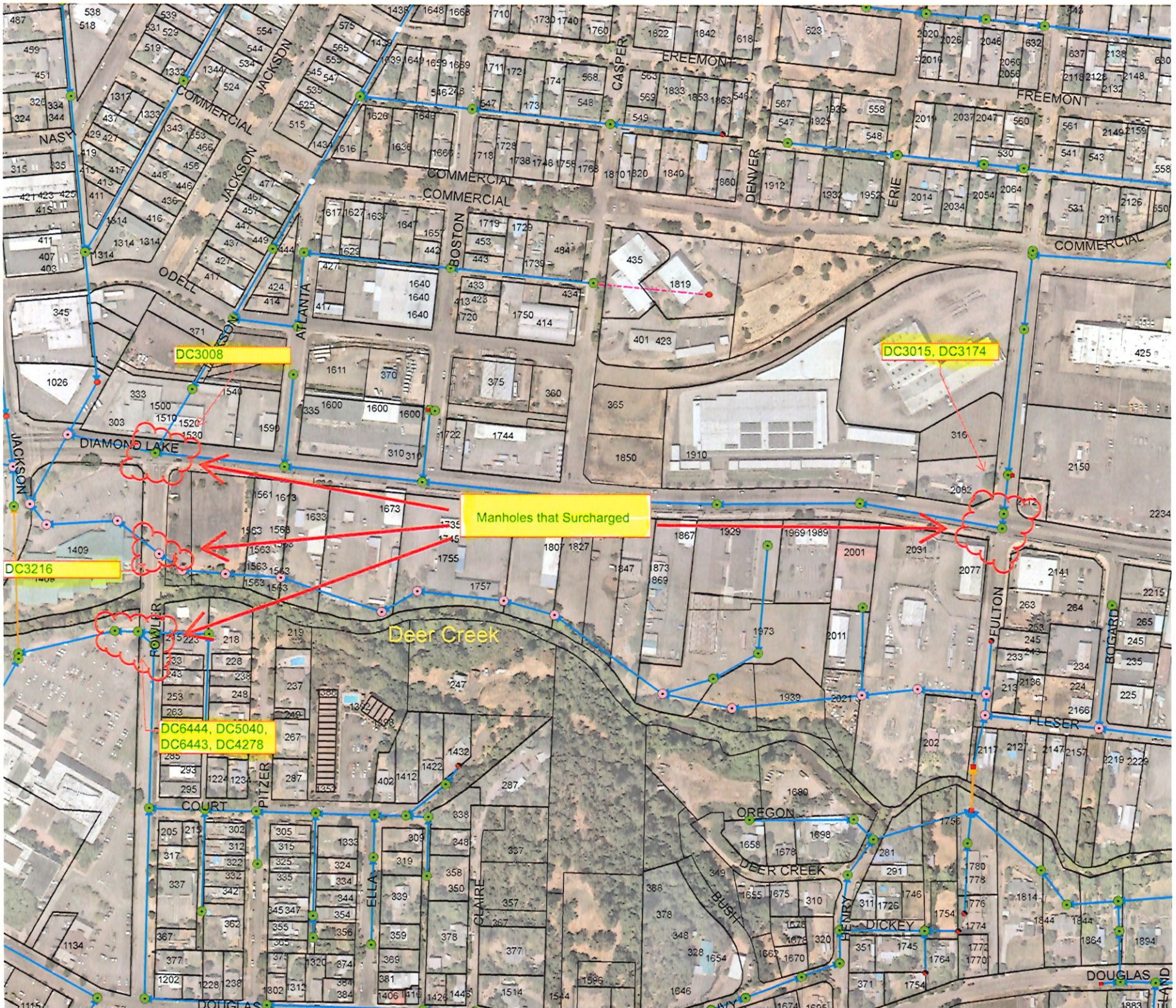
				1st Observed Surcharge	Approximate End of Surcharge	Best guess total	Rainfall Previous 24 hour period from start time
DC3015	2077 Diamond Lake BLVD/Fulton	650 feet to Deer Creek	50 GPM	13:50	15:00	3500	3.79
DC3174	2077 Diamond Lake BLVD/Fulton	650 feet to Deer Creek	250 GPM	13:50	15:00	17,500	3.79
DC3008	1409 Diamond Lake BLVD/Fowler	350 feet to Deer Creek	100 GPM	10:30	unknown - best guess 19:00	51,000	3.1
DC6444	215 Fowler St	100 feet to Deer Creek	100 GPM	10:30	unknown - best guess 19:00	51,000	3.1
DC5040	215 Fowler St	100 feet to Deer Creek	100 GPM	10:30	unknown - best guess 19:00	51,000	3.1
DC6443	215 Fowler St	100 feet to Deer Creek	100 GPM	10:30	unknown - best guess 19:00	51,000	3.1
DC4278	215 Fowler St	100 feet to Deer Creek	100 GPM	10:30	unknown - best guess 19:00	51,000	3.1
DC3216	215 Fowler St	100 feet to Deer Creek	150 GPM	10:30	unknown - best guess 19:00	76,000	3.1
D6210	125 Mosher	200 feet to South Umpqua River	250 GPM	11:00	17:00	90,000	3.15
C10857	371 Willow Street	3200 feet to South Umpqua River	100 GPM	9:00	15:00	36,000	2.85
C10858	371 Willow Street	3200 feet to South Umpqua River	100 GPM	9:00	15:00	36,000	2.85
N10039	Intersection of Newton Creek and Ne Stephens	2000 feet to Newton Creek	200 GPM	10:00	14:30	54,000	2.99
N10033	451 Newton Creek	2350 feet to Newton Creek	100 GPM	10:00	15:15	31,500	2.99
N10214	2655 Stewart Park	199 feet to Storm Sewer 1300 feet to Newton Creek	100 GPM	13:00	15:30	15,000	3.67
H6117	1789 Riverview (Syphon)	100 feet to South Umpqua River	225 GPM	13:00	unknown - best guess 19:00	81,000	3.67
G6288	1970 W Harvard	100 feet to South Umpqua River	Did not see surcharge, but there was evidence that it did.				
F3025	530 Portland	200 feet to South Umpqua River	Did not see surcharge, but there was evidence that it did.				
						692,000	**TOTAL**

The surcharge manholes where I used a best guess for ending time, I used the river levels from NOAA to gauge the stop time.

The total rainfall for the previous 24 hours was based of the start time using NOAA data from the Roseburg Regional Airport.

Rainfall at Airport Roseburg, OR (KRBG)

Date/Time	Rainfall(Inches)	Temperature(°F)	
15 Mar 2025 01:53:00 AM	0.02	45	
15 Mar 2025 02:53:00 AM	0.00	45	
15 Mar 2025 03:53:00 AM	0.01	45	
15 Mar 2025 04:53:00 AM	0.02	43	
15 Mar 2025 05:53:00 AM	0.04	43	
15 Mar 2025 06:53:00 AM	0.00	43	
15 Mar 2025 07:53:00 AM	0.01	43	
15 Mar 2025 08:53:00 AM	0.03	43	
15 Mar 2025 09:53:00 AM	0.06	43	
15 Mar 2025 10:53:00 AM	0.02	44	
15 Mar 2025 11:53:00 AM	0.03	46	
15 Mar 2025 12:53:00 PM	0.07	46	
15 Mar 2025 01:53:00 PM	0.02	49	
15 Mar 2025 02:53:00 PM	0.03	48	
15 Mar 2025 03:53:00 PM	0.04	48	
15 Mar 2025 04:53:00 PM	0.03	48	
15 Mar 2025 05:53:00 PM	0.12	46	
15 Mar 2025 06:53:00 PM	0.11	46	
15 Mar 2025 07:53:00 PM	0.07	46	
15 Mar 2025 08:53:00 PM	0.02	48	
15 Mar 2025 09:53:00 PM	0.08	48	
15 Mar 2025 10:53:00 PM	0.02	48	
15 Mar 2025 11:53:00 PM	0.05	48	
16 Mar 2025 12:53:00 AM	0.06	49	
16 Mar 2025 01:53:00 AM	0.20	50	
16 Mar 2025 02:53:00 AM	0.18	50	
16 Mar 2025 03:53:00 AM	0.26	50	
16 Mar 2025 04:53:00 AM	0.18	49	1.75
16 Mar 2025 05:53:00 AM	0.20	48	1.93
16 Mar 2025 06:53:00 AM	0.34	48	2.23
16 Mar 2025 07:53:00 AM	0.33	46	2.56
16 Mar 2025 08:53:00 AM	0.30	46	2.85
16 Mar 2025 09:53:00 AM	0.17	45	2.99
16 Mar 2025 10:53:00 AM	0.22	44	3.15
16 Mar 2025 11:53:00 AM	0.24	41	3.37
16 Mar 2025 12:53:00 PM	0.33	36	3.67
16 Mar 2025 01:53:00 PM	0.19	34	3.79
16 Mar 2025 02:53:00 PM	0.15	34	3.92
16 Mar 2025 03:53:00 PM	0.09	37	3.98
16 Mar 2025 04:53:00 PM	0.00	39	3.94
16 Mar 2025 05:53:00 PM	0.00	39	3.91
16 Mar 2025 06:53:00 PM	0.00	39	3.79
16 Mar 2025 07:53:00 PM	0.00	40	3.68
16 Mar 2025 08:53:00 PM	0.03	39	3.64
16 Mar 2025 09:53:00 PM	0.06	39	3.68
16 Mar 2025 10:53:00 PM	0.00	42	3.60
16 Mar 2025 11:53:00 PM	0.00	43	3.58
17 Mar 2025 12:53:00 AM	0.01	43	3.54
17 Mar 2025 01:53:00 AM	0.00	42	3.48
17 Mar 2025 02:53:00 AM	0.00	43	3.28
17 Mar 2025 03:53:00 AM	0.00	43	3.10
17 Mar 2025 04:53:00 AM	0.00	42	2.84
17 Mar 2025 05:53:00 AM	0.00	43	2.66
17 Mar 2025 06:53:00 AM	0.00	41	2.46
Total	4.44		


DC3008
DC3015, DC3174
Manholes that Surcharged
DC3216
DC6444, DC5040,
DC6443, DC4278
Deer Creek
DIAMOND LAKE
COMMERCIAL
FREEMONT
JACKSON
CASPER
DENVER
ERIE
BOSTON
ATLANTA
ODELL
NASH
FULTON
BOGARD
FLESER
FOWLER
PITZER
COURT
ELLA
CLAIRE
OREGON
DEER CREEK
BUSH
HENRY
DICKEY
DOUGLAS

South Umpqua River
Surcharged Manhole
D6210
LANE
FULLERTON
FLINT
MOSHER
HOOVER
ARIZONA
MILLER

SURCHARGED MANHOLES
C10857, C10858
OAKLAND
GARDEN VALLEY
WILLOW
DEE
WALNUT
STEPHENS
480
1540
442
448
1520
1494
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1470
1437
1430
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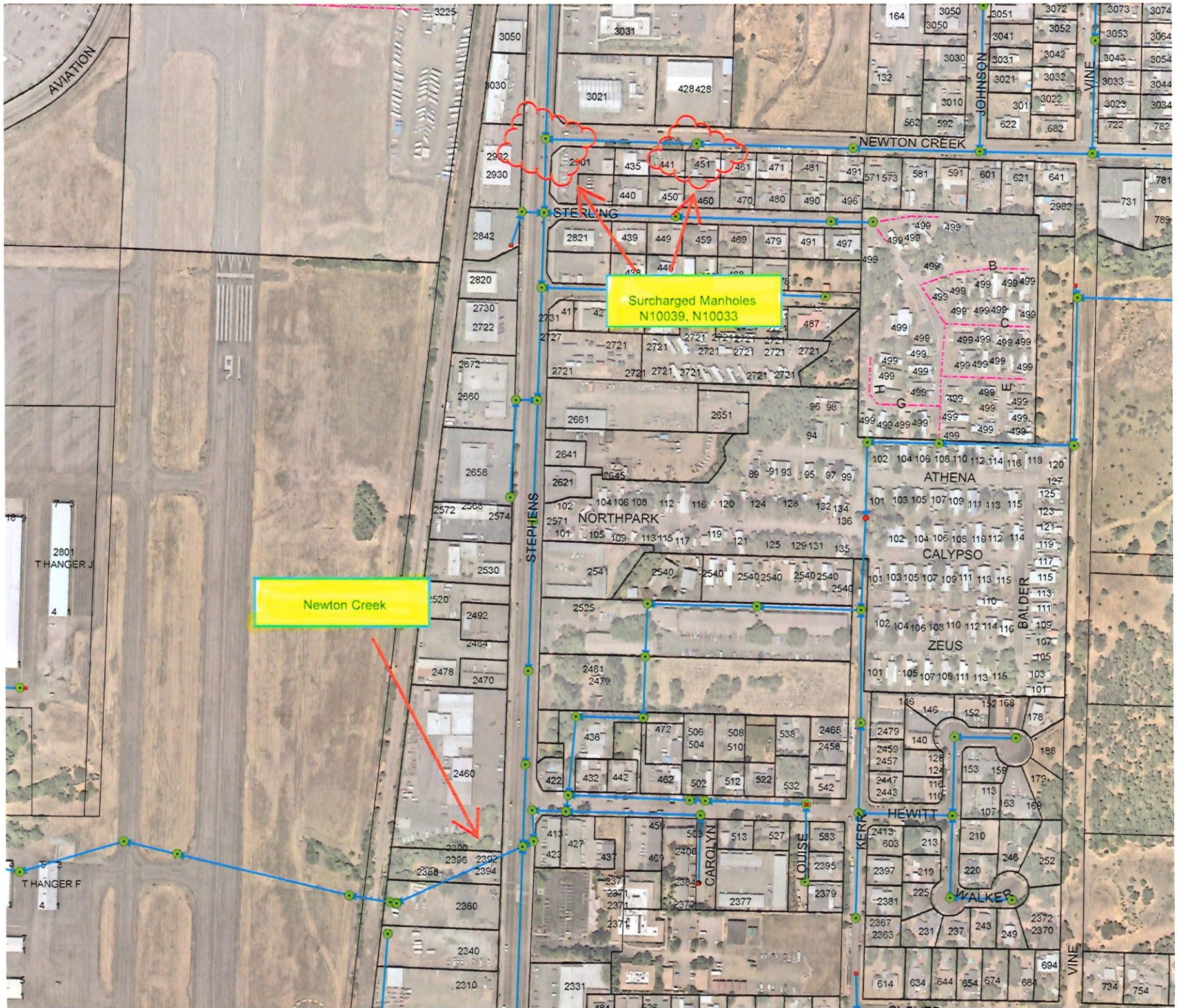
333
371
431
511


Surcharged Manholes
N10039, N10033
Newton Creek
NEWTON CREEK
STERLING
STEPHENS
JOHNSON
VINE
NORTHPARK
ATHENA
CALYPSO
ZEUS
BALDER
HEWITT
WALKER
CAROLYN
LOUISE
KERR
AVIATION
T HANGER J
T HANGER F

Surcharged Manhole
N10214
Newton Creek
Newton Creek
LINUS
MERCY
MEDICAL
VAN PELT
STEWART
MEDICAL PARK
RENANN
EDENBOWER
2541
2605
2521
272
277
201
341
340
2560
2530
2510
171
2550
2655
2755
2757
2460
2508
2504
2424
2545
2553
2564
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2470
2510
2395
2385
2399
2440

1799
1789
1779
1769
1759
1749
1276
RIVERVIEW
JEFFERSON
1251
1728
HARVEY
South Umpqua River
Surcharged Manhole
H6117
1729
2900
2822

1005
2041
STEWART PARK
1800
2021
1801
STEWART
South Umpqua River
Surcharged Manhole
G6288
2108
523
1970
524

SURCHARGED MANHOLE
F3025
SOUTH UMPQUA RIVER
I-5 SOUTHBOUND
I-5 NORTHBOUND
I-5 NORTHBOUND EXIT 123 ONRAMP
I-5 NORTHBOUND EXIT 123 OFFRAMP
KENDALL
PORTLAND
FREAR
RIVER
MILL
1658
1670
1666
1674
1684
1673
1683
1703
1713
1758
630
590
570
530
760
110

water.noaa.gov/gauges/WSNO3

Organizations | Personal | RUSA Accounts | Bookmarks bar

South Umpqua River near Winston

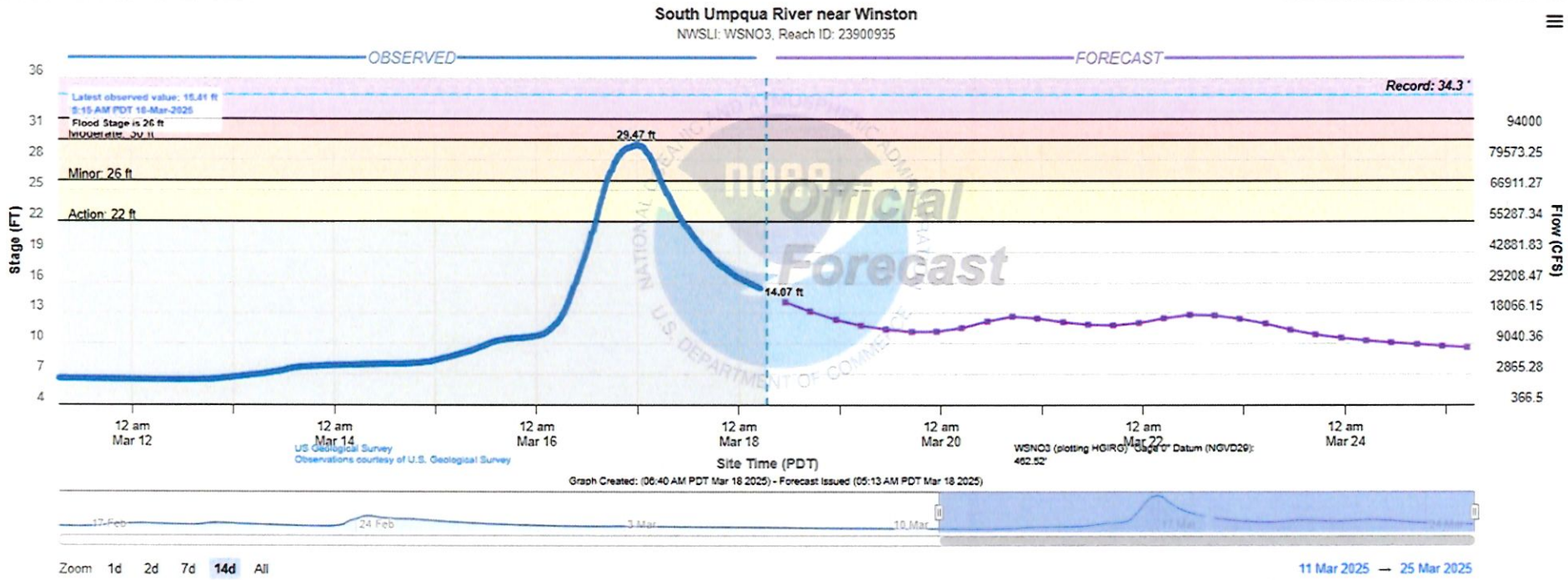
Last updated: Mar 18, 2025, 6:40 AM PDT

No watches, warnings or advisories are in effect for this area.

Official Forecast | National Water Model Guidance

← UPSTREAM GAUGE (SURO3)

DOWNSTREAM GAUGE (RSBO3) →



☐ Scale to Flood Categories ☑ Auto Refresh

Traces and Thresholds Click to turn on/off display

- Observed (OBS) 03/18/2025 5:15 AM PDT
- Official Forecast (FCST) 03/18/2025 5:13 AM PDT
- Record: 34.3 ft
- Low Threshold: 0 ft

CATEGORY	STAGE
Major Flooding	32 ft
Moderate Flooding	30 ft
Minor Flooding	26 ft
Action	22 ft

Reliability of the Forecast:

NOTE: Forecasts are issued routinely year-round.

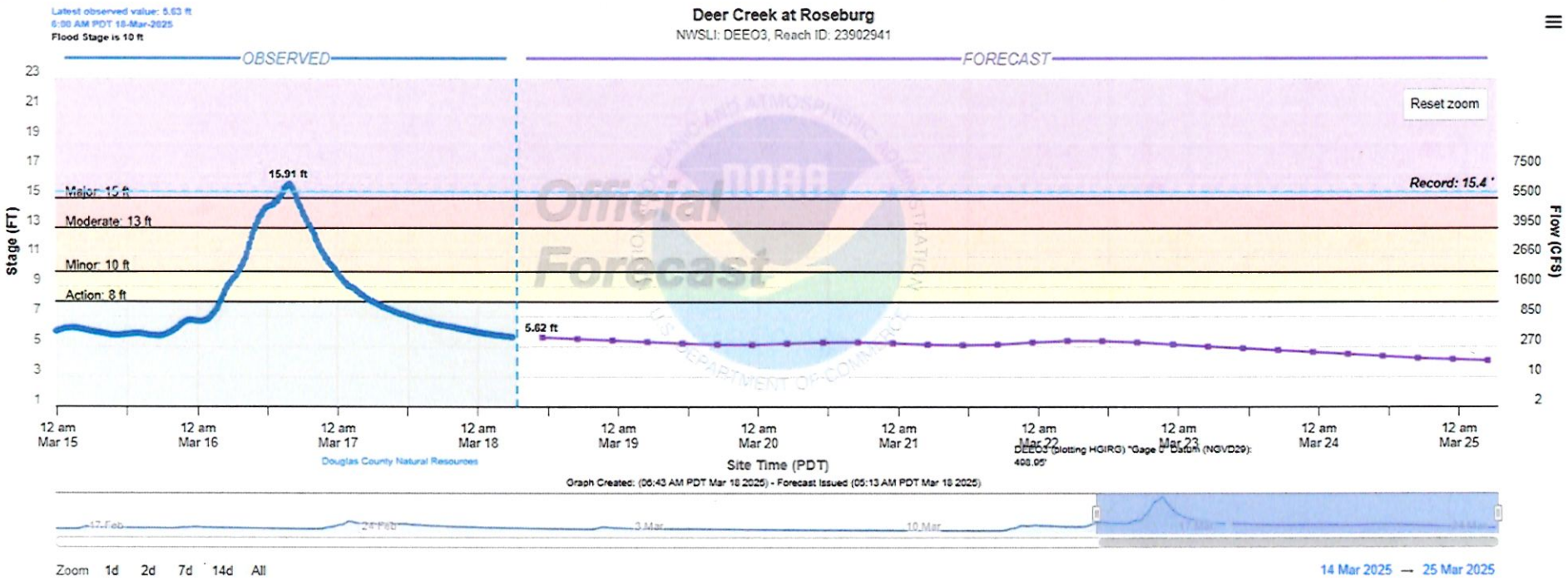
water.noaa.gov/gauges/deeo3

Organizations | Personal | RUSA Accounts | Bookmarks bar

Official Forecast | National Water Model Guidance

Upstream gauge unavailable

Downstream gauge unavailable



Scale to Flood Categories | Auto Refresh

Traces and Thresholds Click to turn on/off display

- Observed (OBS) 03/18/2025 6:00 AM PDT
- Official Forecast (FCST) 03/18/2025 5:13 AM PDT
- Record: 15.4 ft
- Low Threshold: 0 ft

CATEGORY	STAGE
Major Flooding	15 ft
Moderate Flooding	13 ft
Minor Flooding	10 ft
Action	8 ft

Reliability of the Forecast:

NOTE: Forecasts are issued routinely year-round.

Flood Impacts

12 - Widespread flooding of structures and farmland is occurring.

11.5 - Water begins to cover Douglas Avenue west of Dawson Road.

Gauge Info

Coordinates	43.2192, -123.279
RFC	NWRFC
State	OR