



**Water Environment Services Advisory Committee  
AGENDA**

**Date:** January 15, 2026  
**Time:** 6:00 – 7:30 pm  
**Format:** Zoom  
**Link to Zoom:** <https://clackamascounty.zoom.us/j/81275382296>

**Facilitator:** Greg DiLoreto, Chair

<b>Time</b>	<b>Topic</b>	<b>Action</b>
<b>6:00 pm</b> <i>2 minutes</i>	<b>Call to Order</b> <i>Greg DiLoreto, Chair</i>	<b>Roll Call</b>
<b>6:02 pm</b> <i>10 minutes</i>	<b>New Year Welcome &amp; Membership Update</b> <i>Greg Geist, Director</i>	<b>Inform</b>
<b>6:12 pm</b> <i>5 minutes</i>	<b>Appoint Chair/Vice-chair</b> <i>Greg DiLoreto, Chair</i>	<b>Motions to Appoint</b>
<b>6:17 pm</b> <i>5 minutes</i>	<b>Approve November Minutes</b> <i>Chair</i>	<b>Motion for Approval</b>
<b>6:22 pm</b> <i>6 minutes</i>	<b>Public Comment</b> <i>Each public member who would like to speak will have 3 min. The meeting adjourn time may vary depending on public comments.</i>	<b>Comment</b>
<b>6:28 pm</b> <i>10 minutes</i>	<b>Committee Roles &amp; Bylaws Reminders</b> <i>Chair</i>	<b>Inform</b>
<b>6:38 pm</b> <i>30 minutes</i>	<b>Wet Weather &amp; Storm Response</b> <i>Matt House, Operations Manager</i>	<b>Inform</b>
<b>7:08 pm</b> <i>5 minutes</i>	<b>WES Advisory Committee Discussion</b> <i>Chair</i>	<b>Share</b>
	<b>Adjourn</b>	



## Minutes for Clackamas Water Environment Services (WES) Advisory Committee - DRAFT

Location: Zoom

Video link: <https://youtu.be/Z--oJGhI5M>

Time: 6:00-7:30pm

Date: November 13, 2025

Acting Chair: Greg DiLoreto, Secretary: Chris Koontz

Approval of previous meeting's minutes: Yes

### Attendees:

Members in attendance: Rita Baker, Christina Brow, Carol Bryck, Greg DiLoreto, Anthony Fields, William Gifford, Larry Linstrom, Denyse McGriff, Michael Milch, Kathryn Miller, Michael Morrow, Colleen Rockwell

Quorum was established.

Members not in attendance: Christopher Bowker, Richard Craven, David Golobay, Brian Johnson, Adam Khosroabadi, Preston Korst, Neil Schulman

Meeting called to order at 6:02pm by Chair DiLoreto.

### Agenda items with timestamps from video linked above:

- **00:00:13** Director Updates – Presenter: Greg Geist, Director (Inform)
- **00:07:11** Approve September Minutes – Facilitator: Greg DiLoreto, Chair (Consensus Approval)
  - **Minutes were approved.**
- **00:08:40** Public Comment – Facilitator: Greg DiLoreto, Chair (Comment)
  - **No Public Comments**
- **00:08:55** MBR Optimization at Tri-City – Presenter: Steven Rice, Civil Engineering Supervisor
  - **Steven presented results from a successful MBR ammonia optimization study.**
- **00:36:48** FY 26/27-30/31 Capital Improvement Plan (CIP) Second Reading (2 of 2) – Presenters: Jeff Stallard, Capital Program Manager & Erin Blue, Finance Manager
  - **Jeff & Erin presented an overview of the FY 26/27-30/31 Capital Improvement Plan. A motion of support was requested.**
- **00:50:06** WES Advisory Committee Report-Outs & Discussion (Share)

**Motions:** The WES Advisory Committee recommends approval of the FY 26/27-30/31 Capital Improvement Plan as presented:

Chair: Greg DiLoreto called for the vote. A vote was taken.

First to motion: William Gifford. Seconded by: Michael Milch.

all in favor/0 opposed/0 abstention. Motion to Recommend Carries.

**Announcements:** None

Meeting adjourned at 7:01pm by Chair DiLoreto

Respectfully submitted by:  
Chris Koontz

DRAFT

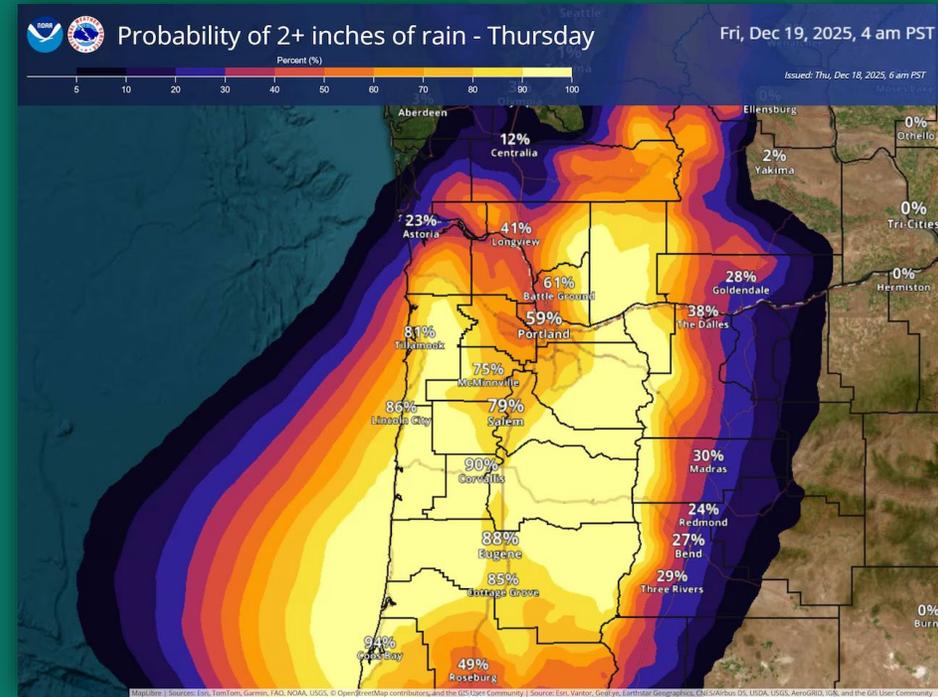


# Timeline

12/9/2025  
Atmospheric River

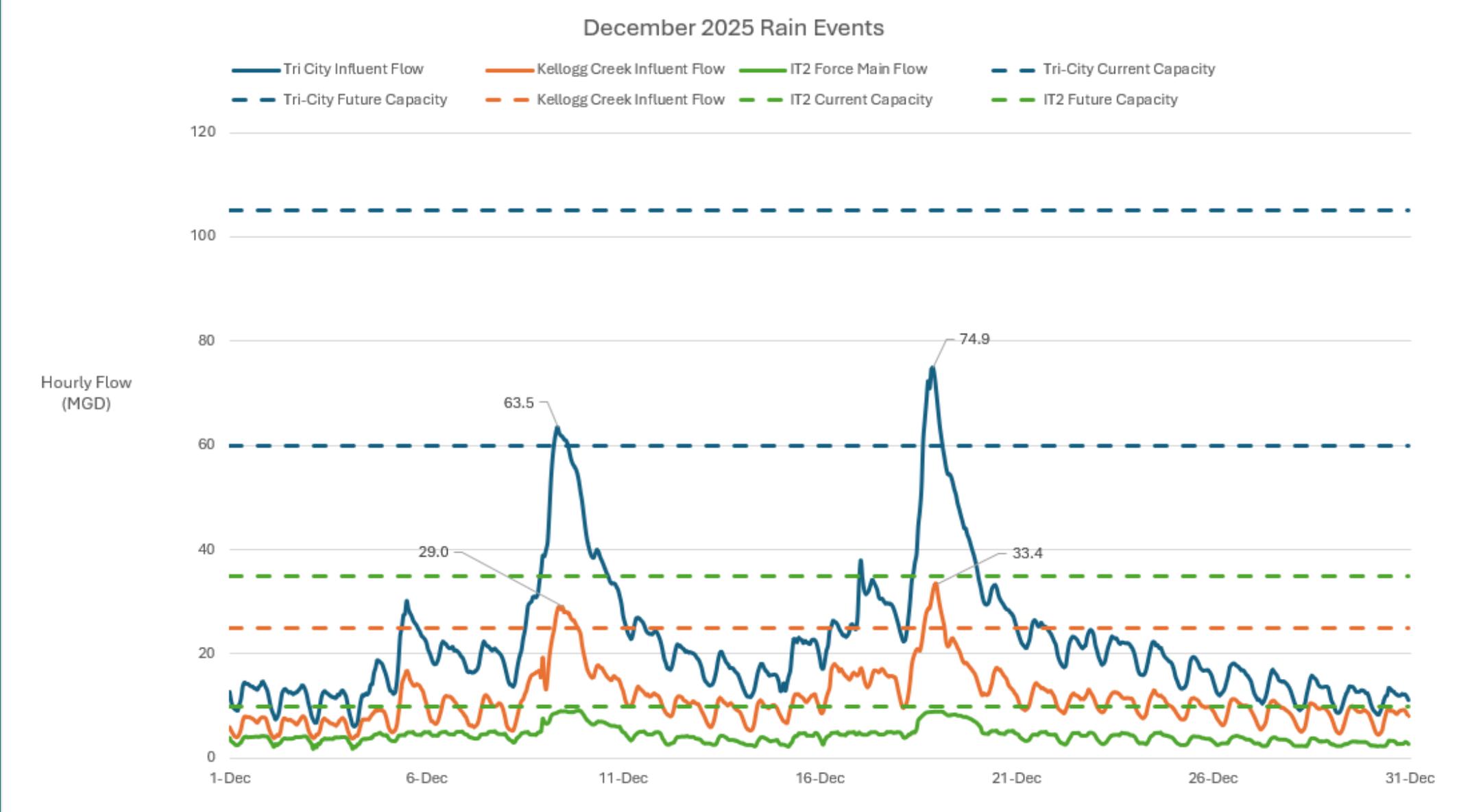
12/17/2025  
High Wind Event

12/18/2025  
2<sup>nd</sup> Atmospheric River





# December 2025 Rain Events

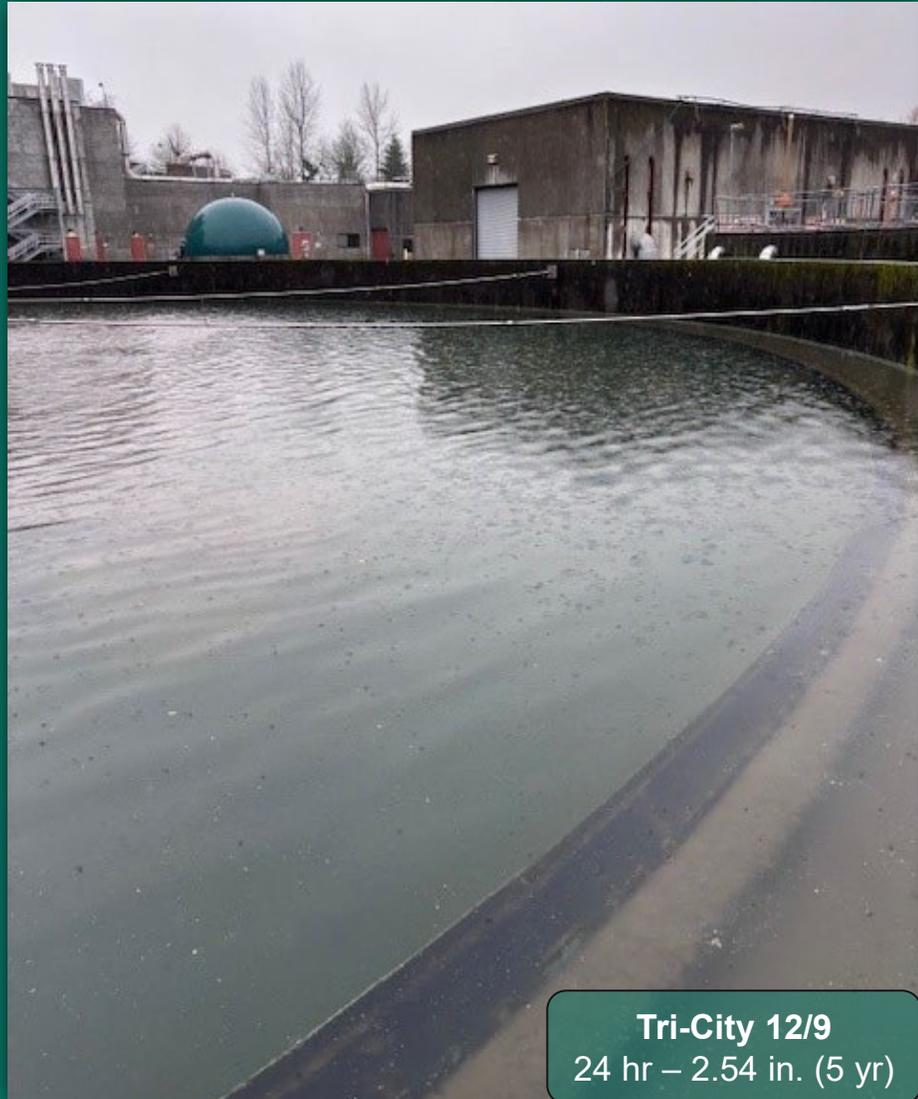


# Sanitary sewer overflow

Sanitary sewer overflow (SSO) from a manhole (610 McLoughlin Blvd) in Oregon City just upstream from the Arch Bridge. This site is not accessible to the public. The SSO was reported to DEQ.



# Tri-City Water Resource Recovery Facility (WRRF)



Tri-City 12/9  
24 hr – 2.54 in. (5 yr)

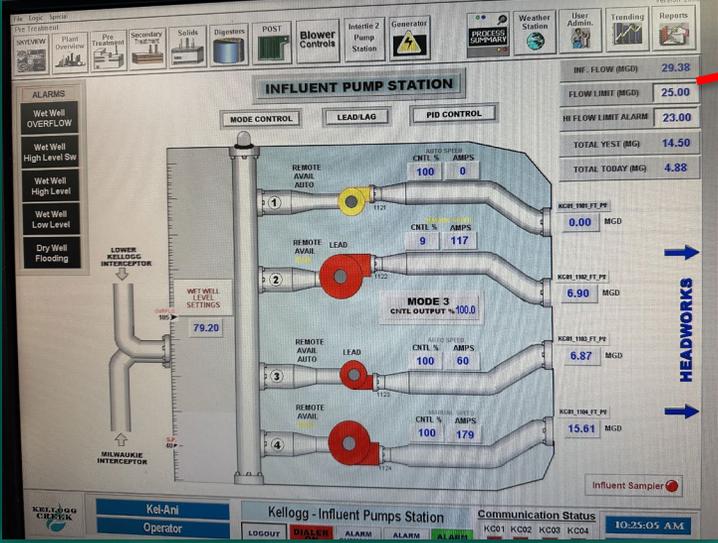


# Kellogg Creek WRRF Impact

**Current:**  
29.38 MGD  
**Flow limit:**  
25.0 MGD



**Kellogg Creek 12/9**  
24 hr – 2.57 in. (5 yr)



# Timberline Rim Pump Station

Late 12/8 through early 12/10, teams continuously pumped from Timberline Rim Wet Well and hauled to the Hoodland WRRF, to prevent an SSO.



# Hoodland Service Area Wind Event (12/17)



Peak wind gusts December 17th(kptv)

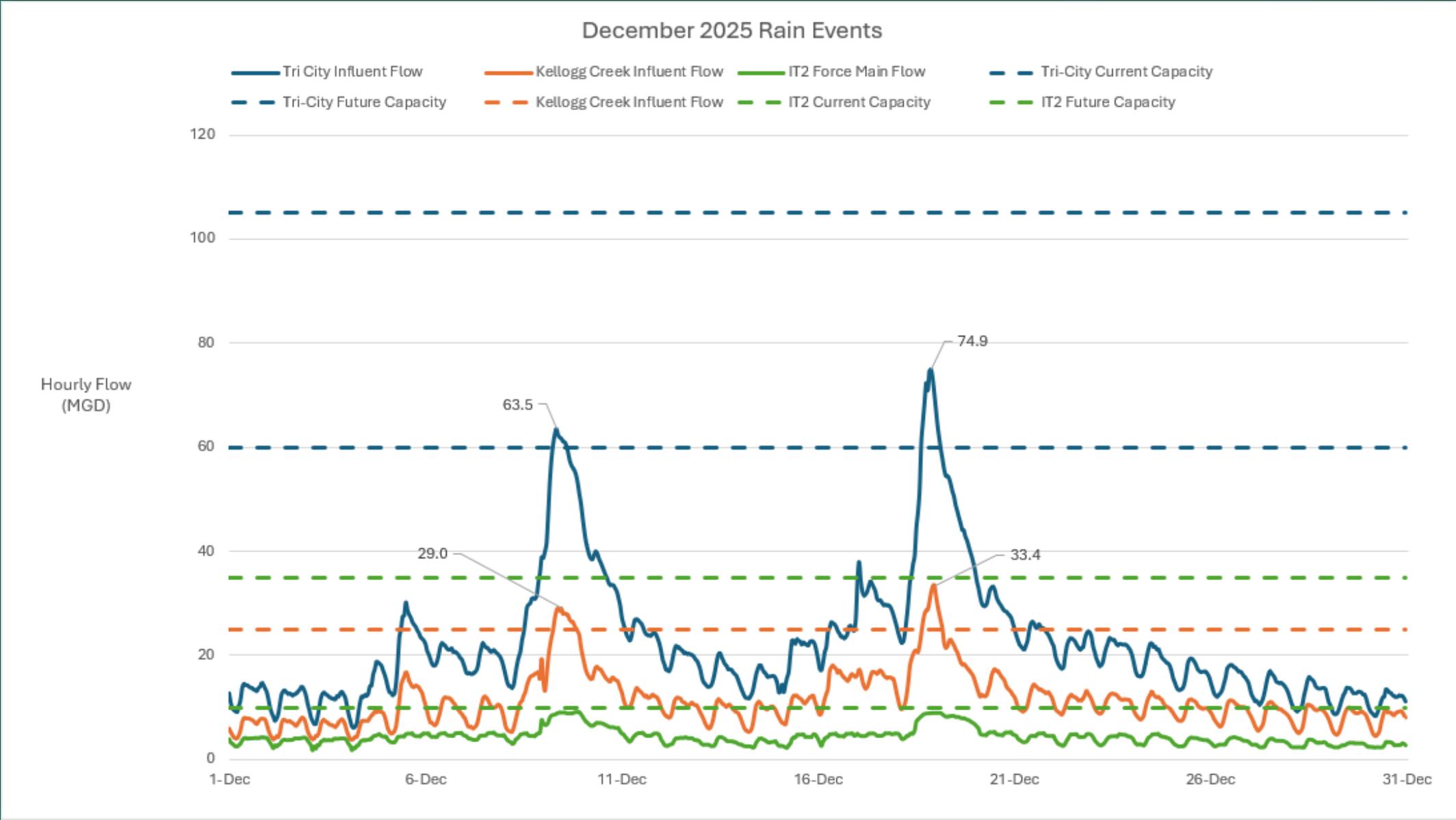
This has got to be one of the top 3 westerly wind storms I've seen in my 3 decade career. Those 50+ gusts up in the Hoodland Corridor from Welches to Government Camp caused so much destruction. A gust of 66 mph is "top tier" at The Dalles too.

<b>FIRST ALERT</b> EXTREME WIND ON MT. HOOD OVERNIGHT	
PEAK GUSTS IN MPH	
TOP OF MAGIC MILE LIFT (7,000')	138
TOP OF CASCADE LIFT (7,300')	103 ← POWER OUTAGE (HIGHER?)
TIMBERLINE LODGE	75 ← POWER OUTAGE (HIGHER?)
RHODODENDRON (1,900')	59
LOLO PASS RD (1,700')	56

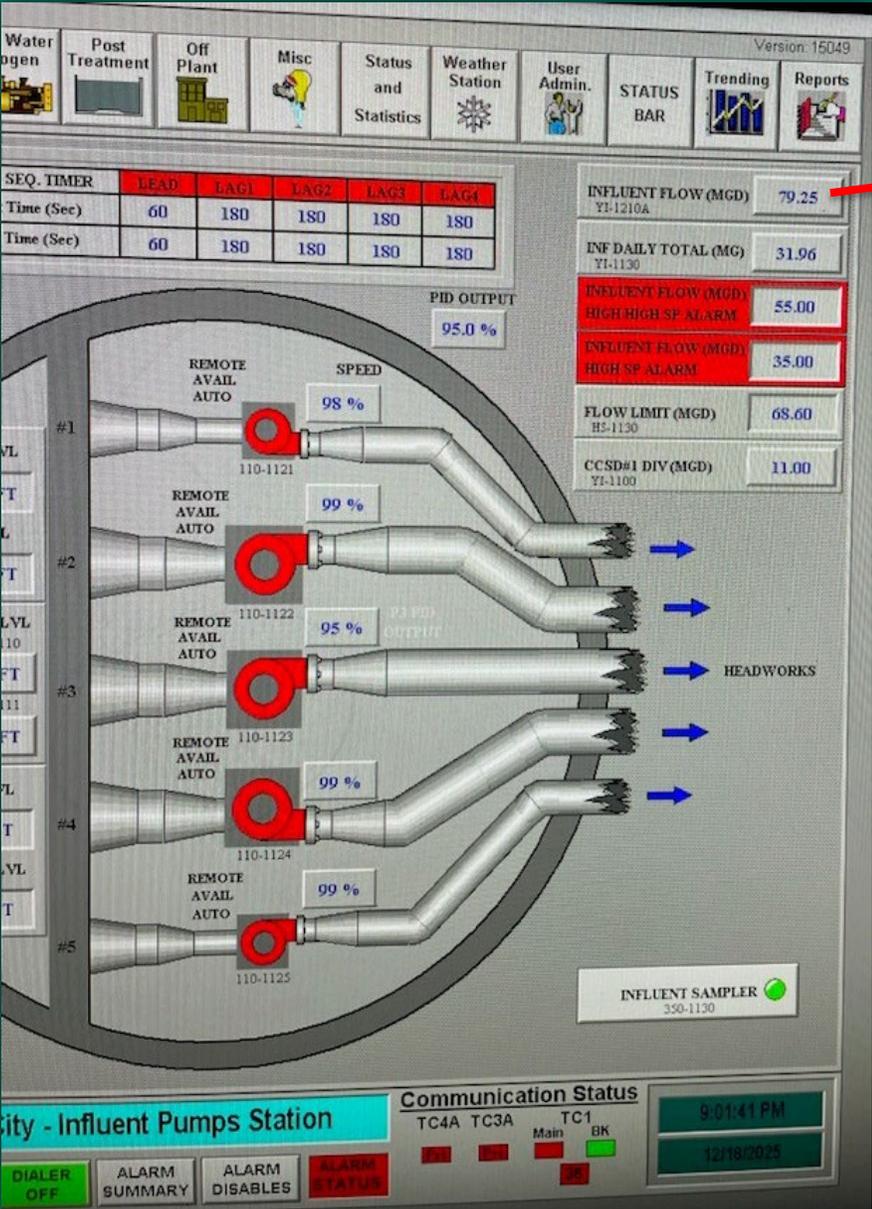
Peak wind gusts December 17th(kptv)



# December 2025 Rain Events



# Importance of Bringing the New Outfall Online



79.25 MGD at 9:03 pm on the 18<sup>th</sup>!

Outfall 72" capacity: 61.5 MGD  
 Outfall 90" capacity: 106.2 MGD  
 Combined capacity: 177.7 MGD

Tri-City 12/18  
 24 hr – 2.69 in. (5 yr)



# Kellogg Creek WRRF Impact



**Kellogg Creek 12/18**  
24 hr – 2.12 in. (above 2 yr)

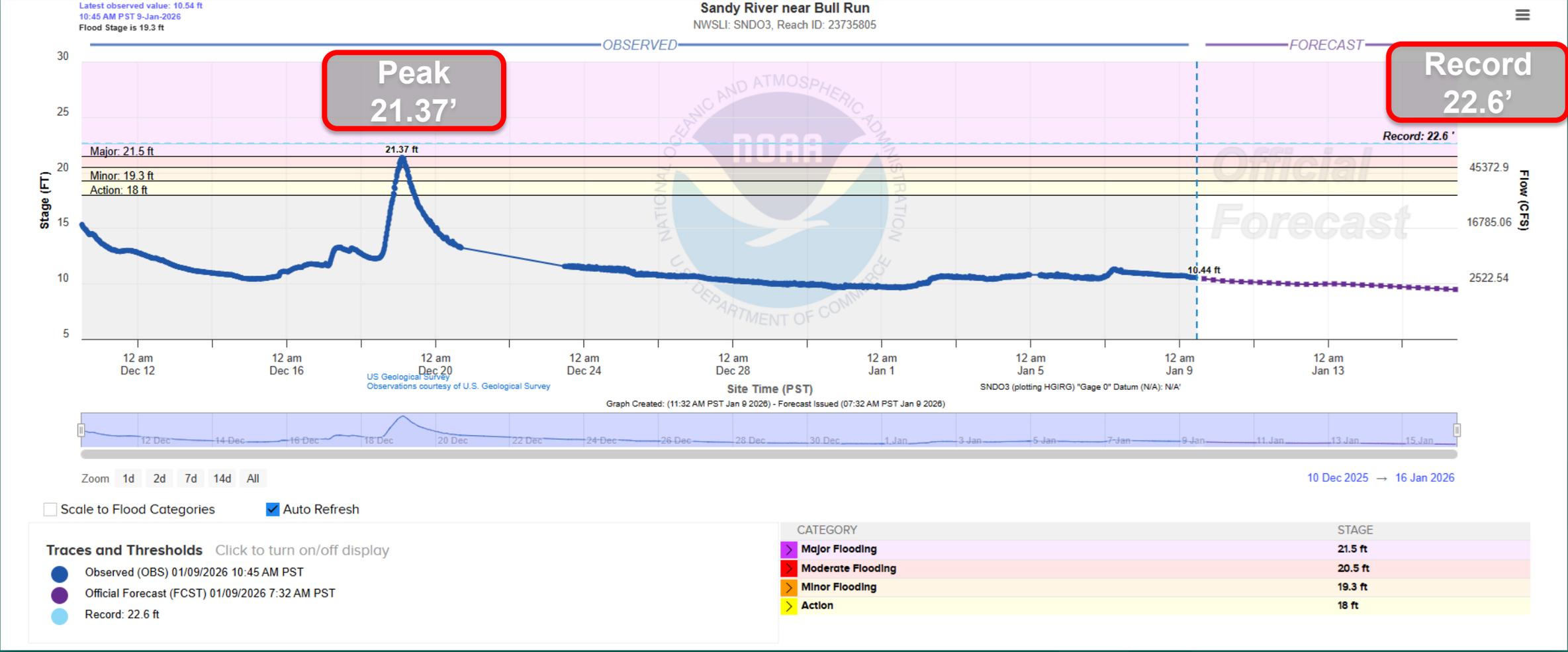


# WES Crews – All Hands-on Deck

- Tanker hauling from Timberline Rim Pump Station and Sandy River Lane Pump Station to prevent SSOs.
- SSO reported from the Oregon City seawall, 99E near the tunnel and Willamette Pump Station.
- Response to numerous other pump station alarms throughout the service area.



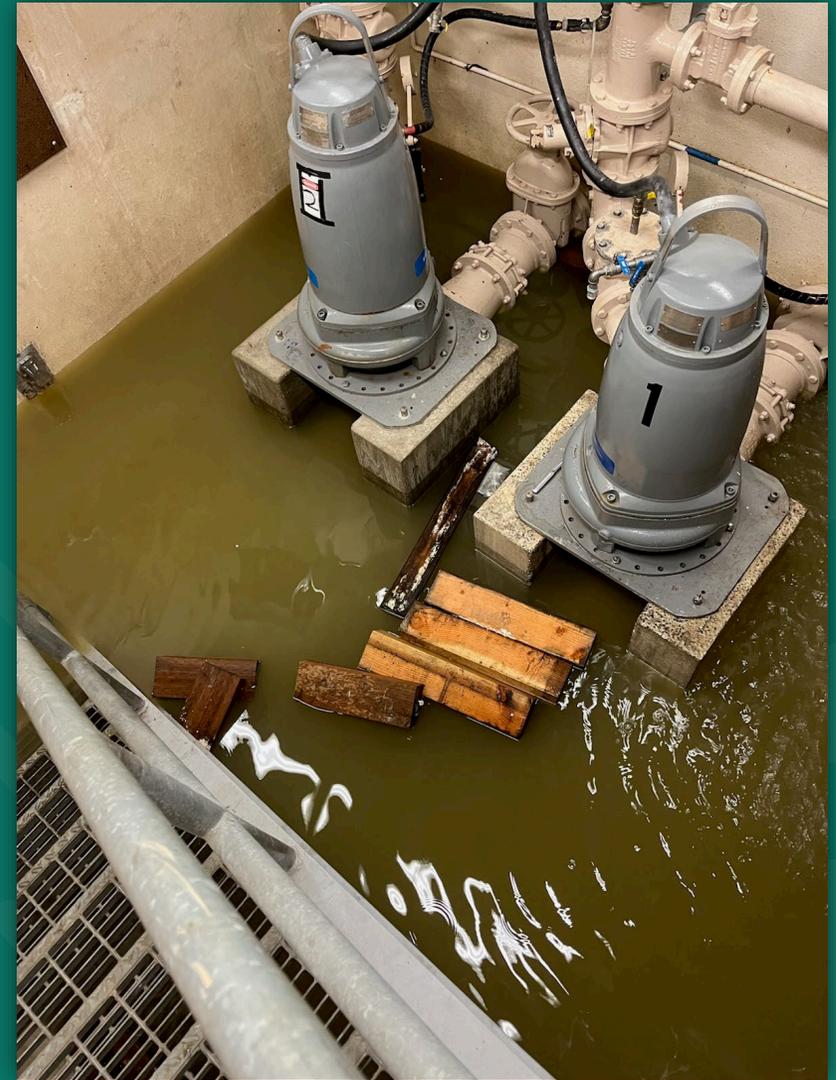
# Sandy River Flood Stage – near record



**Hoodland 12/18**  
24 hr – 5.77 in. (>100 yr)



# Timberline Rim Pump Station



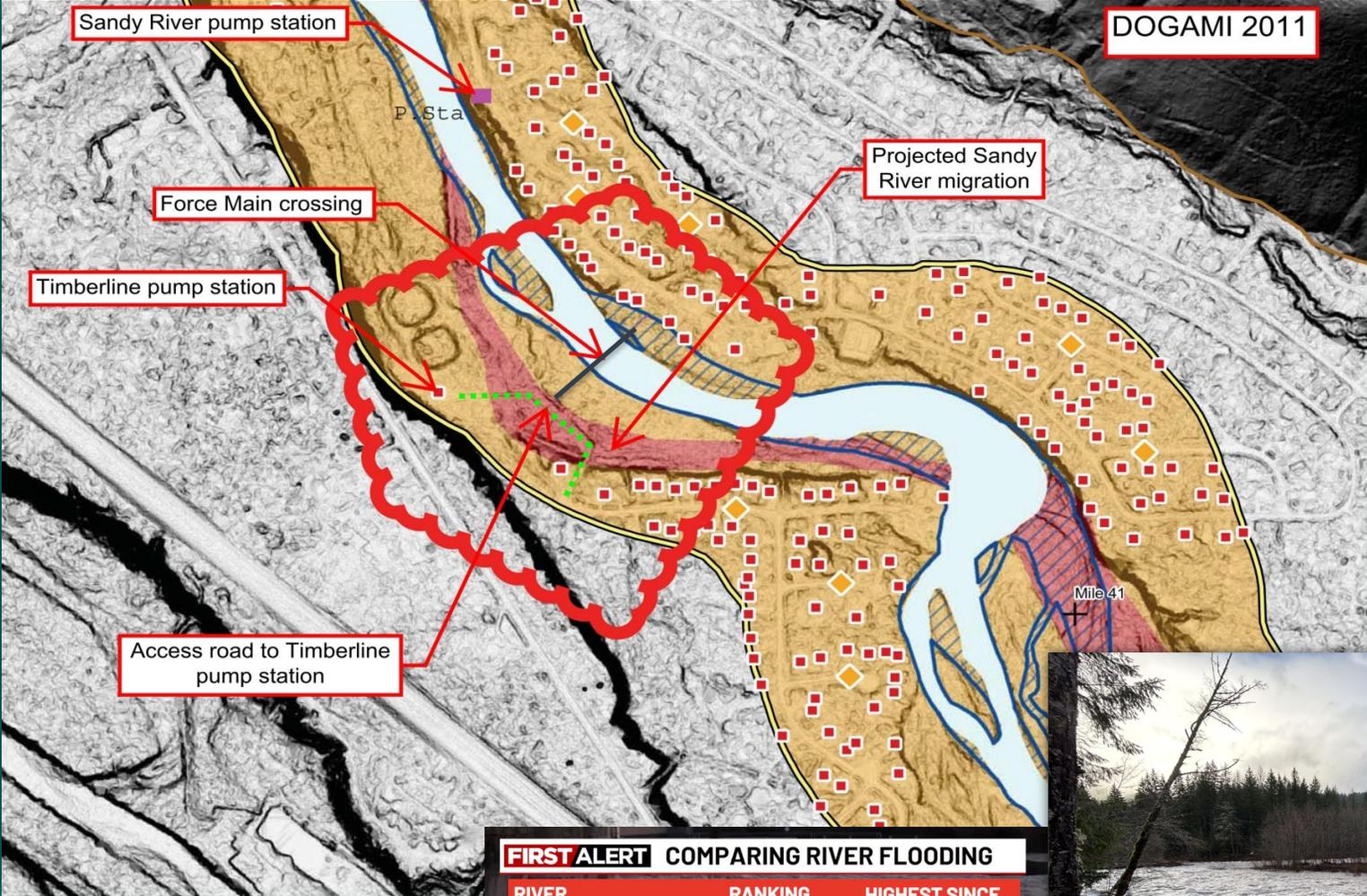
9:00 pm on the 18th at Timberline Rim Pump Station.  
Water started flooding the access road and around the station.  
We shut off power at 9:11 pm after moving all portable equipment offsite.

**Hoodland 12/18**  
24 hr – 5.77 in. (>100 yr)



# Sandy River Flood Stage

**Hoodland 12/18**  
24 hr – 5.77 in. (>100 yr)



FIRST ALERT COMPARING RIVER FLOODING		
RIVER	RANKING	HIGHEST SINCE...
SANDY	MODERATE/MAJOR	JAN. 6, 2011
CLACKAMAS (UPPER)	MAJOR	FEB. 7, 1996
CLACKAMAS (LOWER)	MAJOR	SINCE 2001
MOLALLA	MINOR	JAN. 20, 2012
WILSON	MODERATE	DEC. 9, 2015

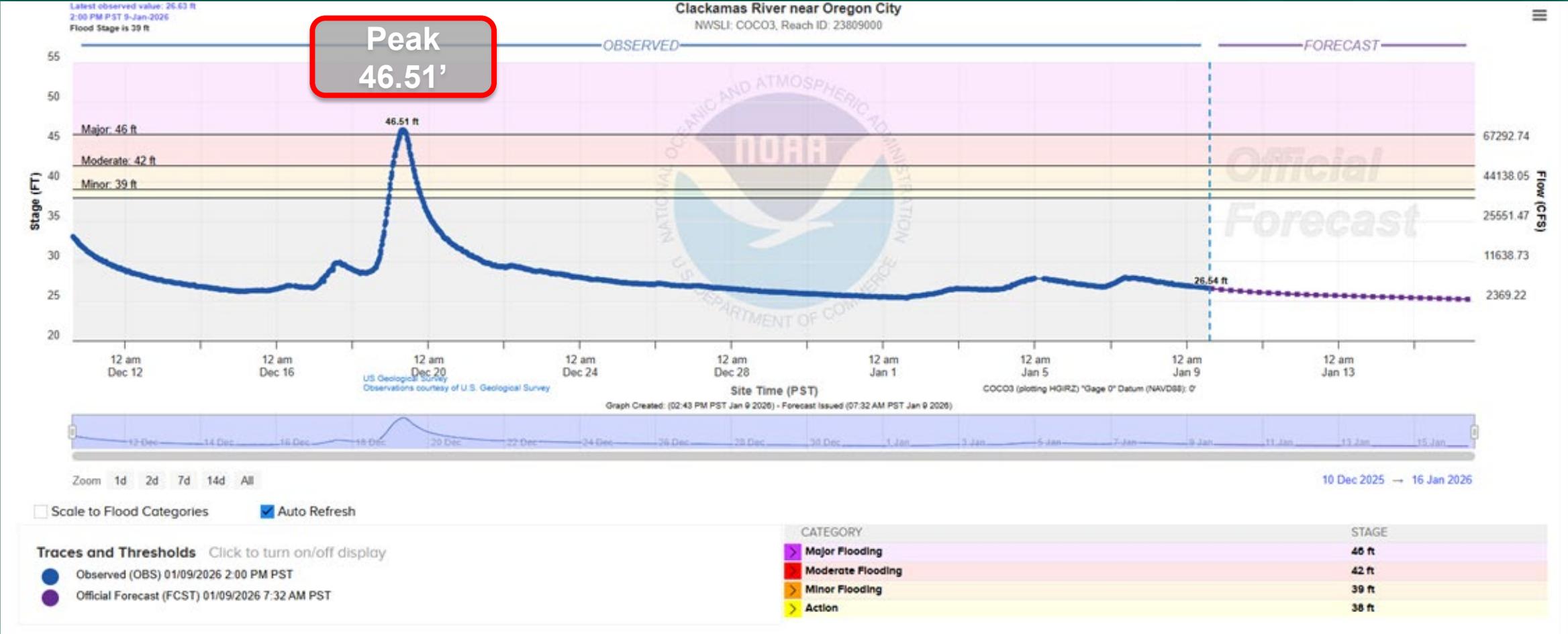


At 9:30 am on 12/19. This was after another 50-60 feet of bank erosion.

# Sandy River Channel Migration and Erosion



# Clackamas River Hydrograph



# Carli Creek

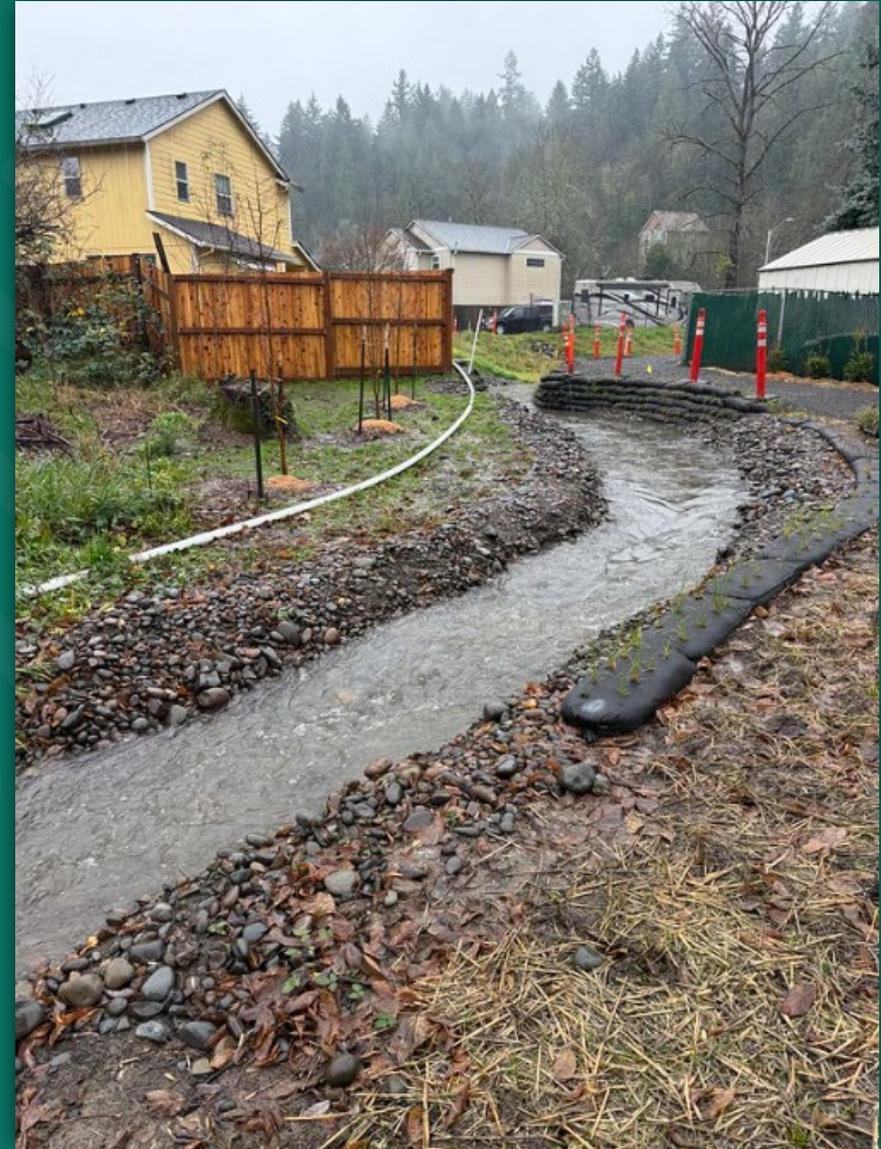


<b>FIRST ALERT</b> COMPARING RIVER FLOODING		
RIVER	RANKING	HIGHEST SINCE...
SANDY	<b>MODERATE/MAJOR</b>	JAN. 6, 2011
CLACKAMAS (UPPER)	<b>MAJOR</b>	FEB. 7, 1996
CLACKAMAS (LOWER)	<b>MAJOR</b>	SINCE 2001
MOLALLA	<b>MINOR</b>	JAN. 20, 2012
WILSON	<b>MODERATE</b>	DEC. 9, 2015



# Upper Kellogg Creek

*“Thank you for the excellent work on the Kellogg Creek wetland restoration and flood reduction project. This past week with its atmospheric river has been a great test of the mostly completed project. What normally would have caused pretty significant flooding did not. The water level rose, but the wetland area on the south side of Clackamas Road never crested the banks of the wetland and therefore did not cover the road. Thank you.”  
- (homeowner)*



# Upcoming Capital Projects

- Intertie 2 PS Upgrades & 30' Force Main (in construction)
- 3-Creeks Floodplain Enhancement Project (in construction)
- Tri-City Influent Pump Station (in design)
- Tri-City Wet Weather Expansion (in design)
- Willamette PS & FM Upgrades (in design)
- Short-term & Long-term Improvements
  - Sandy River Lane PS (prop. secured)
  - Sandy River Pipe Undercrossing (new)
- Annual Pipe Renewal Replacement (in design)
  - Sandy River Basin



5-year CIP presented to AC in Sep. & Nov. 2025  
Policy Session before the BCC on 1/13/26



Thank  
You!

And thank you to our WES Water  
Heroes that truly shine every day but  
shine especially bright during these  
weather events! We are grateful!

