



Oregon Department of Environmental Quality SSO Reporting Form

DEPT OF ENV. QUALITY
RECEIVED

JAN 08 2025

NORTHWEST REGION



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: Clean Water Services		
Contact Name: Katie Thomas		
Phone:	Email:	County:
503.681.3691	Thomask@CleanWaterServices.org	Washington
DEQ Permit # (see permit face page): 101144		DEQ File #: 90770
OERS Incident #: 2024-3371	Date Reported to OERS: 12/31/2024	
Date Reported To DEQ: 12/31/2024	Today's Date: 1/3/2025	
Date SSO Started (if known): 12/31/2024	Time Started (if known):	
Date SSO Stopped (if known): 12/31/2024	Time Stopped (if known): 2:15 pm	
SSO Location: Other (explain): Sanitary pressure line attached to an air release valve vault		
SSO Nearest Address: NW Jackson School Road and Highway 26		
City: Hillsboro	Zip Code: 97124	
SSO Latitude (if known): 45.519	Longitude (if known): -122.969	
Estimate of Quantity Overflowed: Unknown		(Gallons) Link to estimation method
Did the SSO discharge to surface water? No		
Name of waterbody: N/A		
PUBLIC NOTIFICATION		
Notified downstream drinking water sources (List Below)? N/A		
Name of drinking water facility: N/A		
Signs Posted? Yes		
Media contacted? N/A		
Who? N/A		
List any other steps taken to notify the public or state/federal agencies: N/A		
CAUSES		
Cause or suspected cause of the overflow: Other (explain): <i>If needed, attach additional sheets</i> Coupling failures on sanitary pressure line		
Rainfall in the 24 hours prior to SSO (for storm-related overflows): N/A		(inches)
Source of rainfall data: <i>If needed, attach additional sheets</i>		

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

(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? Yes
	Follow up bacteria samples taken to confirm end of impact? Yes

Describe monitoring and results:

E. coli, MPN/100 ml		Sample Locations (See Comments)				
Sample Date	Culvert #1	Culvert #2	Culvert #3	Hwy 26 and McKay Creek	McKay Creek at Scotch Church Rd	
Dec 31	10,500	16,100	9,870	22	31	
Jan 2	119	613	488	-	-	

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

Other measures taken (describe):

On Tuesday, December 31 around 1:25 pm, CWS was notified of an SSO by Washington County staff. CWS crews responded immediately and discovered an overflow from a pressure line attached to an air release valve vault on the west side of Jackson School Road in Hillsboro. The SSO ran south from the Jackson School Road highway overpass, into a ditch that runs along Highway 26, and then into a stormwater culvert on the south side of Highway 26. Samples were taken to determine impact and signs were posted at all locations where the public could come into contact with the overflow. Crews used a vactor truck to contain the overflow until they were able to isolate the section of line and stop the SSO by 2:15 pm. CWS crews used a vactor truck to apply fresh water to clean the impacted areas and vactored up the wash water. Cleanup was conducted to the maximum extent possible on the evening of December 31 and were complete by 8:30pm. Crews returned during daylight hours on January 1 and 2 and conducted additional inspection and cleanup of the site.

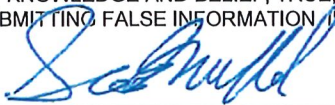
Steps taken or planned to reduce, eliminate, and prevent the reoccurrence of the overflow and schedule for those steps:

Further investigation by CWS Pump Station and Field Operations crews discovered coupling failures in two locations on the pressure line that resulted in the SSO. CWS determined the entire pressure line is not reliable and will isolate the line from where it connects to the sanitary main line and will replace the entire section of piping over the next few weeks. The air release valve vault in this area of the sanitary system is a critical point along the force main and CWS Field Operations staff will closely monitor the line and conduct manual venting of the pressure line when needed until the line is replaced. CWS followed the routine maintenance procedures for this air release valve system per industry standards and the system was last inspected in September 2024. CWS will replace the line with continuous HDPE piping materials that are less prone to failures and will evaluate the pressure piping systems throughout CWS' sanitary system to develop a prioritization plan to replace those, as well.

COMMENTS

The exact start time and estimated volume for the SSO for this is unknown. Washington County notified CWS of the overflow around 1:25 pm on December 31. Sampling was conducted on December 31 and January 2 to determine the impact of the SSO. Five samples were taken on December 31 from the following locations: from a culvert approximately 580 feet downstream of the overflow source (Culvert #1), from a culvert upstream of the overflow that discharged stormwater runoff from the Jackson School overpass (Culvert #2), from a culvert approximately 675 feet downstream of the overflow source below where the discharge from Culvert #1 mixed with the overflow water (Culvert #3), one in McKay Creek where it crosses Highway 26 upstream of the overflow location, and one in McKay Creek at Scotch Church Road downstream of the overflow location. Sample results showed no impact to surface waters. CWS followed the routine maintenance procedures for the air release valve system per industry standards and the air release valve vault was last inspected in September 2024; the SSO was outside of the permittee's reasonable control.

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.



Authorized Signature

Scott Mansell

Name (print)

1/3/2025

Date

503.681.4464

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 permittee 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

