

JUL 12 2024



Oregon Department of Environmental Quality
SSO Reporting Form
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 #: 2024-1501 | Date Reported to OERS: 6/22/2024 | |
| Date Reported To DEQ: 6/22/2024 | Today's Date: 7/9/2024 | |
| Date SSO Started (if known): 6/22/2024 | Time Started (if known): | |
| Date SSO Stopped (if known): 6/22/2024 | Time Stopped (if known): 9:45 pm | |
| SSO Location: Manhole | Manhole ID Number: 26933 | |
| SSO Nearest Address: 930 SW 197th Avenue | | |
| City: Beaverton | Zip Code: 97003 | |
| SSO Latitude (if known): 45.512 | Longitude (if known): -122.877 | |
| Estimate of Quantity Overflowed: Unknown | (Gallons) Link to estimation method | |
| Did the SSO discharge to surface water? Yes | | |
| Name of waterbody: Beaverton Creek | | |
| 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: Grease Blockage <i>If needed, attach additional sheets</i> Grease and roots | | |
| 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 | | Location (see Comments) | | |
|---------------------|---------------|-------------------------|---------------------------|---------------------------|
| Sample Date | 100' Upstream | Source | 100' Downstream of Source | 200' Downstream of Source |
| June 22 | 25 | A - 96; B -161 | 10,500 | ----- |
| June 24 | 39 | 33 | 119 | 4,280 |
| June 26 | 111 | 63 | 133 | 411 |

For SSOs that impact buildings:

Pumped out flooded buildings? N/A

Disinfected? N/A

Other measures taken (describe):

On June 22 at 8pm, CWS received a call from the Tualatin Valley Water District reporting that they had checked a reported overflow in the intersection of 19th and Brookfield at 930 SW 197th Avenue in Beaverton. CWS Field Operations crews responded and found sewage overflowing out of a manhole in the road (ID: 26933). CWS crews set up flagging and cleared the sanitary line using a jetter truck at a manhole upstream of the overflowing manhole (ID: 10558), stopping the SSO by 9:45pm. After clearing the sanitary line, the CWS cleaning crew found what looked to be grease blocking the system. CWS crews removed the grease from the line. CWS crews posted signage. Crews did not witness the SSO entering Beaverton Creek as the initial response took place during non-daylight hours. Confirmation sampling was conducted. The cleaning crew cleaned the impacted surfaces around the manhole and roadway by flushing the road surface and using a vactor truck to vacuum the liquids up. CWS crews returned to investigate further and clean more of the sanitary system on 6/24. At that time, CWS crews found roots and additional grease at the location of the blockage.

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

CWS cleaning crew found grease and roots blocking the sanitary system. CWS crews removed the grease and roots from the line. Crews returned on 6/24 and applied a root foaming chemical to treat the roots that caused the blockage in the public mainline. Additionally, the CWS FOG Program Coordinator is investigating the sewage drainage area surrounding the SSO location to determine if there are any businesses or food service establishments that may be a potential source of grease. CWS FOG Program will implement appropriate outreach for any food service establishment or for the general public as appropriate.

COMMENTS

The first sampling event was conducted during cleanup of the overflow on 6/22/24. Four samples were taken; two samples (A and B) were from where the overflow reached Beaverton Creek (source), one sample was taken 100' upstream of the source, and one sample was taken 100' downstream of the source. Follow up sampling events were conducted on 6/24/24 and 6/26/24. Four samples were taken during both sampling events; one sample from the source, one sample from 100' upstream of the source, one sample from 100' downstream of the source, and one sample from 200' downstream of the source. Results are provided above in the monitoring and results section. The exact time the SSO began is unknown, however, CWS was notified by the Tualatin Valley Water District at 8pm on 6/22/24. The public sanitary line with the manhole where the overflow occurred was last cleaned on 1/13/2020 and last TV inspected on 1/15/2020. CWS' maintenance performance standards are four and eight years, respectively. TV inspection was conducted within the 8 year maintenance performance standard. Because the public sanitary line was maintained as required, the SSO was beyond the reasonable control of the permittee. The original 5-day report for this event was due 6/26/2024. However, Mike Pinney of OR DEQ granted an extension to CWS on 6/26/2024 with a revised due date of 7/10/2024.

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

Robert P. Baumgartner

Name (print)

7/9/2024

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