



# Sanitary Sewer Overflow Annual Report

## Division of Surface Water

**Date:** 01/21/2022

**Facility Name:** Amherst WPCC

**Ohio NPDES Permit Number:** 3PD00001\*ND

**Period Covered by Report:** 01/01/2021 - 12/31/2021

**Contact Person**

**Name:** Alan Brailer

**Title:** Superintendent

**Mailing Address:** 931 N LAKE STREET

**City:** AMHERST

**State:** OH

**Zip Code:** 44001

**Country:** USA

**Sanitary Sewer Overflows Spreadsheet(attachment) :** EPA-SSO-WIB2021.xlsm

**Water In Basement Occurrences Spreadsheet(attachment) :** WIBOccurrences2021.xlsm

**Narrative analysis of WIB patterns by location, frequency and cause:** *During the 2021 year, there were a total of (17) seventeen WIB occurrences that, per ordinance, fall under the City of Amherst's coverage area.*

*Cooper Foster Sanitary District*

*ζ Five (5) occurrences of WIB complaints were filed.*

*ζ Three (3) occurrences were due to roots in the mainline sewer. During a rain event residents found there to be sewage in their basements, upon notification to the City, we found during our investigation there was a blockage of roots entering a joint causing the backup.*

*ζ Two (2) occurrences were due to extreme weather conditions, caused by heavy rains.*

*Siphon Chamber Sanitary District*

*ζ Twelve (12) occurrences of WIB complaints were filed.*

*ζ Eleven (11) occurrences were due to extreme weather conditions, caused by heavy rains.*

*ζ One (1) occurrence was caused other circumstances. Due to ground settling over top of an existing storm sewer trench, the VCP sanitary lateral in the city easement settled out and collapsed, causing sewage backup into a residence.*

*All other sanitary sewer districts had zero (0) WIB complaints reported, that would fall under the City of Amherst's sanitary sewer coverage area.*

*The City of Amherst Wastewater Collections Dept. is continuing efforts to find and eliminate cross-connections, inflow and infiltration (I&I) entering the wastewater collection system, by means of smoke testing, dye testing, as well as CCTV video inspection. In addition to these means, there is also root foaming to the mainline sewers, lift station maintenance/repair, mainline sewer cleaning, as well as mainline relining, or replacement, and manhole sealing.*

*Dustin L. Voros  
WC2-1129239-14*

**Additional Attachments :**

**Certification**

*I certify under penalty of law that I have personally examined and am familiar with the information in this report and all attachments. Based on my inquiry of those persons immediately responsible for obtaining the information contained in the report, I believe that the information is true, accurate, and complete.*

<b>Name:</b> Alan Brailer	<b>Title:</b> Superintendent
<b>Signature(Electronically submitted by):</b> Alan Brailer (User ID: abrailer )	<b>Submission Date:</b> 01/21/2022

**SSO Annual Report - Data Entry Spreadsheet**

Permit Number

Facility Name

Reporting Period  
 From:  To:

Table 1: SSO Identification			
Identification Number	Receiving Water	Location Description	Date Eliminated
302	Beaver Creek	Cooper Foster Pump Station N41.24.007 W82.13.551	
303	Beaver Creek, East Branch	Rock Creek Run Pump Station N41.24.767 W82.12.250	
304	Beaver Creek	West Martin Pump Station N41.24.118 W82.13.990	
305	Beaver Creek	North Main & Brookside Drive N41.23.991 W 82.13.619	
306	Beaver Creek	2nd Manhole upstream of Cooper Foster Pump Station N41.25.037 W82.13.516	
307	Beaver Creek	1st Manhole Downstream of Cooper Foster Pump Station N41.24.776 W82.13.781	
308	Beaver Creek	2nd Manhole Downstream of Cooper Foster Pump Station N41.24.764 W82.13.799	
309	Beaver Creek	3rd Manhole Upstream of Cooper Foster Pump Station N.41.25.058 W82.13.515	
311	Beaver Creek	Manhole on S. Main, South of Elyria Av, East side of road (S. Main dip) N41.23.581 W82.13.659	
312	Beaver Creek	Manhole at Cooper Foster & Terra Lane N41.25.098 W82.13.046	
313	Beaver Creek	Manhole at Sipple Ave & Lincoln Ave N41.24.266 W82.13.555	
314	Duck Creek	Manhole on S. Main, South of Elyria Av, West side of road (S. Main dip) N41.23.631 W82.13.677	
315	Beaver Creek	Headworks At WPCC, NPDES Station #601, N4141.24.507 W82.13.971	
316	Beaver Creek	Flow Distribution Box to Final Clarifiers at WPCC, N41.24.499 W82.13.950	
317	Beaver Creek	1250 Spruce Tree Ln (In Road) N.41.25.728 W82.12.366	
318	Beaver Creek	934 N. Leavitt Rd (front left back of building) Days Inn N41.25.002 W82.12.635	
319	Beaver Creek	Cooper Foster & Sharondale Intersection N41.25.096 W82.12.747	
320	Duck Creek	Manhole in Creek North of Crownhill Cemetary, visible from Crownhill Ave N41.23.765 W82.13.819	
321	Beaver Creek	Manhole at edge of Beaver Creek, across from Spernger Park N41.23.933 W82.13.741	
322	Beaver Creek	290 Crocker St., Sanitary Sewer flowing into storm sewer N41.23.741 W82.14.056	
323	Beaver Creek	1281 Spruce Tree Ln., N41.24.763 W82.12.282	
324	Beaver Creek	129 Milan Ave, Albright Terrace sanitary lateral, N41.23.942 W82.13.725	
325	Beaver Creek	1239 Spruce Tree Ln. (in yard) N41.24.503 W82.12.409	
326	Beaver Creek	Final Clarifier #1 at WPCC N41.24.503 W82.13.938	
327	Beaver Creek	Manhole behind 162 West Martin N41.24.038 W82.13.816	
328	Beaver Creek	50' North of 712 South Main St., in street, North bound lane, N41.23.615 W82.13.667	
329	Beaver Creek	46831 Cooper Foster Park Rd., Manhole in back yard, N41.25.060 W82.13.494	
330	Beaver Creek	Final Clarifier #2 at WPCC N 41.24.487 W82.13.941	

331	Beaver Creek	Oxidation Ditch at WPCC N41.24.287 W82.13.593	
332	Beaver Creek	Manhole at Brandt Avenue N41.24.326 W 82.13.536	
333	Beaver Creek	Oxidation Ditch Influent Pump Well	
334	Beaver Creek	1274 Spruce Tree lane, 50' South of site 303	1/25/2020
335	Beaver Creek	46490 Cooper Foster Park Road Force Main Break	5/15/2020
336	Beaver Creek	Manhole at Crownhill Cemetary	12/9/2020

## SSO Annual Report - Data Entry Spreadsheet

Permit Number 3PD00001\*ND

Facility Name City of Amherst WPCC

Reporting Period

From: 1/1/2021

To: 12/31/2021

**Table 2: SSO Event Information**

Event Date	Identification Number	Receiving Water	Volume (millions of gallons)
5/9/2021	304	Beaver Creek	0.0030
6/8/2021	306	Beaver Creek	0.0531
6/8/2021	309	Beaver Creek	0.0505
6/8/2021	329	Beaver Creek	0.0295
6/8/2021	313	Beaver Creek	0.1170
6/8/2021	315	Beaver Creek	0.0080
8/7/2021	306	Beaver Creek	0.0067
8/7/2021	309	Beaver Creek	0.0065
8/13/2021	306	Beaver Creek	0.0124
8/13/2021	329	Beaver Creek	0.0022
9/22/2021	306	Beaver Creek	0.0430
9/22/2021	309	Beaver Creek	0.0260
9/22/2021	329	Beaver Creek	0.0200
9/22/2021	314	Duck Creek	0.1260
9/22/2021	321	Beaver Creek	0.0600