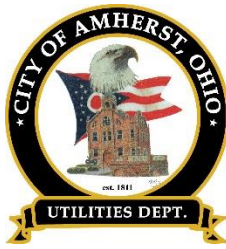




Sanitary Sewer Overflow Annual Report Division of Surface Water

Date: 01/25/2024		
Facility Name: Amherst WPCC		
Ohio NPDES Permit Number: 3PD00001*ND		
Period Covered by Report: 01/01/2023 - 12/31/2023		
Contact Person: Alan Brailer	Title: Superintendent	
Mailing Address: City of Amherst WPCC		
City: Amherst	State: OH	Zip Code: 44001
Country: USA		
Sanitary Sewer Overflows Spreadsheet(attachment) : 2023SSO-ID-Events.xlsm		
Water In Basement Occurrences Spreadsheet(attachment) : WIB2023.xlsm		
<p>Narrative analysis of WIB patterns by location, frequency and cause: <i>During the 2023 year, there were a total of (35) thirty-five WIB occurrences that, per ordinance, fall under the City of Amherst's coverage area that were reported.</i></p> <p><i>Cooper Foster Sanitary District</i></p> <ul style="list-style-type: none"> * <i>Eleven (11) occurrences of WIB complaints were filed.</i> * <i>Eleven (11) occurrences were due to an extreme weather event.</i> <p><i>Siphon Chamber Sanitary District</i></p> <ul style="list-style-type: none"> * <i>Seventeen (17) occurrences of WIB complaints were filed.</i> * <i>One (1) occurrence was due to the city digging through a sanitary lateral during a water main installation.</i> * <i>Sixteen (16) occurrences were due to an extreme weather event.</i> <p><i>West Martin Sanitary District</i></p> <ul style="list-style-type: none"> * <i>Six (6) occurrences of WIB complaints were filed.</i> * <i>Six (6) occurrences were due to extreme weather.</i> <p><i>West Gravity Sanitary District</i></p> <ul style="list-style-type: none"> * <i>One (1) occurrence was due to an extreme weather event.</i> 		
ADDITIONAL INFORMATION		
<i>Please add any additional comments or attachments below.</i>		
Additional Information attachment(s): 2023 WIB-Manual-Report.docx		
Certification		
<i>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.</i>		
Name: Alan Brailer	Title: Superintendent	
Signature(Electronically submitted by): Alan Brailer (User ID: abrailer)	Submission Date: 04/11/2024	



City of Amherst Wastewater Collections Dept.

Dustin L. Voros Wastewater Collections Foreman
941 N. Lake St. Amherst, Ohio 44001
440.988.7625

January 3, 2024

During the 2023 year, there were a total of (35) thirty-five WIB occurrences that, per ordinance, fall under the City of Amherst's coverage area that were reported.

Cooper Foster Sanitary District

- Eleven (11) occurrences of WIB complaints were filed.
- Eleven (11) occurrences were due to an extreme weather event.

Siphon Chamber Sanitary District

- 17 (17) occurrences of WIB complaints were filed.
- One (1) occurrence was due to the city digging through a sanitary lateral during a water main installation.
- Sixteen (16) occurrences were due to an extreme weather event.

West Martin Sanitary District

- Six (6) occurrences of WIB complaints were filed.
- Six (6) occurrences were due to extreme weather.

West Gravity Sanitary District

- One (1) occurrence was due to an extreme weather event.

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

Dustin L. Voros

SSO Annual Report - Data Entry Spreadsheet

Permit Number	3PD00001*ND		
Facility Name	City of Amherst WPCC		
Reporting Period	From:	To:	
	1/1/2023		12/31/2023

Table 1: SSO Identification			
Identification Number	Receiving Water	Location Description	Date Eliminated
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 Spenger 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	450' South of ID#304; N 41.23.50 W82.14.25	
335	Beaver Creek	2nd manhole upstream of W. Martin Station N 41.24.3 W 82.13.60	
336	Beaver Creek	609 Maple Creek residence	1/22/2023
337	Beaver Creek	Liberty Bell Dr. near Giant Eagle	5/5/2023

SSO Annual Report - Data Entry Spreadsheet

Permit Number 3PD00001*ND

Facility Name City of Amherst WPCC

Reporting Period
 From: 1/1/2023 To: 12/31/2023

Table 2: SSO Event Information			
Event Date	Identification Number	Receiving Water	Volume (millions of gallons)
1/22/2023	336	Beaver Creek	0.0015
3/3/2023	304	Beaver Creek	0.0015
3/3/2023	335	Beaver Creek	0.0215
3/25/2023	331	Beaver Creek	0.004
5/5/2023	337	Beaver Creek	0.0012
8/11/2023	306	Beaver Creek	0.032
8/11/2023	309	Beaver Creek	0.037
8/11/2023	317	Beaver Creek	0.004
8/11/2023	329	Beaver Creek	0.023
8/11/2023	335	Beaver Creek	0.05
8/11/2023	331	Beaver Creek	0.257
8/23/2023	317	Beaver Creek	0.026
8/23/2023	306	Beaver Creek	0.054
8/23/2023	309	Beaver Creek	0.054
8/23/2023	329	Beaver Creek	0.054
8/23/2023	313	Beaver Creek	0.152
8/23/2023	335	Beaver Creek	0.054
8/23/2023	331	Beaver Creek	0.289
8/23/2023	315	Beaver Creek	0.012
8/23/2023	326	Beaver Creek	0.006
8/23/2023	330	Beaver Creek	0.006
8/24/2023	317	Beaver Creek	0.027
8/24/2023	306	Beaver Creek	0.178
8/24/2023	309	Beaver Creek	0.178
8/24/2023	329	Beaver Creek	0.176
8/24/2023	313	Beaver Creek	0.233
8/24/2023	304	Beaver Creek	0.263
8/24/2023	335	Beaver Creek	0.124
8/24/2023	331	Beaver Creek	0.931
8/24/2023	315	Beaver Creek	0.021
8/24/2023	316	Beaver Creek	0.045
9/6/2023	331	Beaver Creek	0.059

Water In Basement Occurrences - Data Entry Spreadsheet

Permit Number	3PD00001*ND
Facility Name	City of Amherst WPC
Reporting Period	
From	1/1/2023
To	1/31/2023

Sewershed	WIB Occurrences	Causes (choose all that apply)	Other Cause Description
Cooper Foster Sanitary District	11	Extreme Weather	
Siphon Chamber Sanitary District	17	Other, Extreme Weather	Sanitary lateral broken during excavation work.
West Martin Sanitary District	6	Line Deterioration, Extreme Weather	
West Side Gravity District	1	Extreme Weather	
Total Occurrences	35		