



WASTEWATER POLLUTION CONTROL  
1194 GULF ROAD  
ELYRIA, OHIO 44035  
(440)366-2211

March 20, 2024

Attn: Brianne Workman  
Ohio EPA-Northeast District Office  
2110 East Aurora Road  
Twinsburg, OH 44087-1969

**Re: Sanitary Sewer Overflow Annual Report**

Ms. Workman,

As a reporting requirement of our NPDES permit, enclosed, in duplicate, is the Sanitary Sewer Overflow Annual Report for the period covering January 1, 2023 to December 31, 2023.

Please do not hesitate to contact me at (440) 366-2211, extension 5120 if you have any questions or comments.

Sincerely,  
THE CITY OF ELYRIA, OHIO

Erin Stefek  
Collection System Superintendent  
City of Elyria  
Wastewater Pollution Control  
WC2-1122433-13  
estefek@cityofelyria.org

Cc: Chris Pyanowski, Safety Service Director  
Kathy McKillips, City Engineer  
John Schneider, City Engineer  
Greg Putka, Lorain County Public Health  
Amanda Deery, City Law Director  
Wendlene M. Lavey, McMahan, DeGulis, LLP  
File

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
301	SS to Black River	Gulf Rd. @ Dilworth St. (center)	CURRENT CSO
302	SS to Black River	Glenwood St. (close to Washington Ave.)	CURRENT CSO
303	Black River	West Bridge St. (west side of Bridge near Basil's)	CURRENT CSO
304	SS to Black River	Lake Ave. @ Chestnut St. (at beauty shop)	CURRENT CSO
305	SS to Black River	West Ave. n/o Oberlin Rd.	
306	SS to Black River	East Ave. @ George St.	4/1/18
307	SS to Black River	Lincoln St. @ Blaine St.	CURRENT CSO
308	SS to Black River	East River St. (1 <sup>st</sup> MH south of Smith Ct.)	CURRENT CSO
309	SS to Black River	East River St. @ Riverdale Ct.	
310	SS to Black River	East River St. @ Columbia Ave.	
311	SS to Black River	Sherman St. @ Columbia Ave.	
312	SS to Black River	Park Ave. @ Kenyon Ave.	
313	SS to Black River	Park Ave. @ Oxford Ave.	
314	SS to Black River	Park Ave. @ Cambridge Ave.	
315	SS to Black River	Park Ave. @ Princeton Ave.	
316	SS to Black River	Park Ave. @ Eastern Hts. Blvd.	
317	SS to Black River	Park Ave. @ Harvard Ave.	
318	SS to Black River	Park Ave. @ Cornell Ave.	
319	SS to Black River	Park Ave. @ Denison Ave.	
320	SS to Black River	Park Ave. @ Columbia Ave.	
321	SS to Black River	328 Columbia Ave.	
322	SS to Black River	Garford Ave. @ Columbia Ave.	
323	SS to Black River	Denison Ave. between Park & Garford Ave.	
324	SS to Black River	Fairlawn Ave. @ Harvard Ave.	
325	SS to Black River	Fairlawn Ave. @ Cornell Ave.	
326	SS to Black River	Clark St. @ Winkles St.	
327	SS to Black River	Bond St. @ Jefferson Alley	
328	SS to Black River	840 Livermore Ln. w/o Georgetown Ave.	
329	SS to Black River	830 Salem Ave. n/o Fairwood Blvd.	
330	SS to Black River	Gulf Rd. @ Lafayette St. (center)	
331	SS to Black River	West River Rd. @ Third St.	04/30/12
332	Black River	Alley btwn Third St. & Turner St.(536 Turner)	04/30/12
333	Black River	552 Turner St. @ Siphon Head Chamber	04/30/12
334	Black River	Dead end of 6th St. / north side of road	
335	SS to Black River	122 Winkles St. (n/o Penn Central RR)	
336	SS to Black River	13 <sup>th</sup> St. @ Banks St.	
337	SS to Black River	Pinewood Drive Lift Station	05/04/12
338	SS to Black River	Hemlock Dr. @ Gulf Rd. Lift Station	
339	Black River	Gulf Rd. Lift Station n/o Crestview Dr.	
340	Black River	Locust St. Lift Station	Verified 1/2013
341	SS to Black River	Mendel Ct. Lift Station	
342	Black River	Overbrook Rd. Lift Station	opened 11/29/22
343	Black River	West Side Interceptor	
344	SS to Black River	Banks St. midway between 12th & 13th St.	

CSO \*\*Per changes in NPDES permit 3PD00034\*MD issued 6/2021, these overflows are now classified as CSO's

## SSO Annual Report - Data Entry Spreadsheet

Permit Number 3PD00034\*MD

Facility Name Elyria WWTP

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)
1/3/2023	316	SS to Black River	0.00334
1/3/2023	315	SS to Black River	0.00460
1/3/2023	314	SS to Black River	0.00376
1/3/2023	312	SS to Black River	0.00313
1/12/2023	316	SS to Black River	0.12833
1/12/2023	315	SS to Black River	0.06239
1/12/2023	314	SS to Black River	0.14438
1/12/2023	312	SS to Black River	0.12031
1/12/2023	326	SS to Black River	0.07940
1/19/2023	318	SS to Black River	0.00846
1/19/2023	317	SS to Black River	0.01015
1/19/2023	316	SS to Black River	0.00902
1/19/2023	315	SS to Black River	0.01241
1/19/2023	314	SS to Black River	0.00359
1/19/2023	312	SS to Black River	0.00846
1/19/2023	326	SS to Black River	0.01579
1/19/2023	326	SS to Black River	0.03384
1/19/2023	330	SS to Black River	0.02871
1/25/2023	312	SS to Black River	0.00114
2/22/2023	318	SS to Black River	0.01598
2/22/2023	317	SS to Black River	0.01917
2/22/2023	316	SS to Black River	0.01704
2/22/2023	315	SS to Black River	0.02344
2/22/2023	314	SS to Black River	0.01917
2/22/2023	312	SS to Black River	0.01598
2/22/2023	326	SS to Black River	0.08437
2/22/2023	335	SS to Black River	0.01598
2/22/2023	330	SS to Black River	0.05424
3/3/2023	310	SS to Black River	0.03057
3/3/2023	309	SS to Black River	0.19064
3/3/2023	320	SS to Black River	0.12709
3/3/2023	319	SS to Black River	0.01802
3/3/2023	318	SS to Black River	0.15887
3/3/2023	317	SS to Black River	0.19064
3/3/2023	316	SS to Black River	0.09224
3/3/2023	315	SS to Black River	0.04484
3/3/2023	314	SS to Black River	0.06740
3/3/2023	312	SS to Black River	0.08648

3/25/2023	316	SS to Black River	0.01229
3/25/2023	315	SS to Black River	0.00154
3/25/2023	314	SS to Black River	0.01382
3/25/2023	312	SS to Black River	0.00461
5/3/2023	318	SS to Black River	0.00053
5/3/2023	317	SS to Black River	0.00179
5/3/2023	316	SS to Black River	0.00451
5/3/2023	315	SS to Black River	0.00219
5/3/2023	314	SS to Black River	0.00179
5/3/2023	312	SS to Black River	0.00423
6/14/2023	316	SS to Black River	0.00106
6/14/2023	315	SS to Black River	0.00052
6/14/2023	314	SS to Black River	0.00042
6/14/2023	312	SS to Black River	0.00035
7/12/2023	325	SS to Black River	0.00130
7/29/2023	318	SS to Black River	0.00139
7/29/2023	317	SS to Black River	0.00470
7/29/2023	316	SS to Black River	0.00148
7/29/2023	315	SS to Black River	0.00203
7/29/2023	314	SS to Black River	0.00470
7/29/2023	312	SS to Black River	0.00139
7/29/2023	326	SS to Black River	0.00732
7/29/2023	330	SS to Black River	0.00166
8/11/2023	329	SS to Black River	0.04813
8/11/2023	342	SS to Black River	0.05214
8/11/2023	310	SS to Black River	0.08507
8/11/2023	309	SS to Black River	0.10209
8/11/2023	311	SS to Black River	0.01103
8/11/2023	320	SS to Black River	0.00993
8/11/2023	319	SS to Black River	0.01253
8/11/2023	318	SS to Black River	0.02127
8/11/2023	317	SS to Black River	0.02552
8/11/2023	316	SS to Black River	0.02269
8/11/2023	315	SS to Black River	0.03119
8/11/2023	314	SS to Black River	0.00902
8/11/2023	312	SS to Black River	0.02127
8/11/2023	324	SS to Black River	0.00401
8/11/2023	326	SS to Black River	0.03970
8/11/2023	330	SS to Black River	0.05157
8/23/2023	320	SS to Black River	0.05743
8/23/2023	319	SS to Black River	0.11964
8/23/2023	318	SS to Black River	0.20303
8/23/2023	317	SS to Black River	0.24364
8/23/2023	316	SS to Black River	0.39785
8/23/2023	315	SS to Black River	0.10528
8/23/2023	314	SS to Black River	0.08614
8/23/2023	312	SS to Black River	0.20303
8/23/2023	326	SS to Black River	0.69625
8/23/2023	335	SS to Black River	0.28713

8/23/2023	330	SS to Black River	0.24364
8/24/2023	Gulf Rd. siphon head chamber	SS to Black River	0.07500
10/7/2023	317	SS to Black River	0.00338
10/7/2023	316	SS to Black River	0.00301
10/7/2023	315	SS to Black River	0.00414
10/7/2023	314	SS to Black River	0.00338
10/7/2023	312	SS to Black River	0.00282
10/7/2023	312	SS to Black River	0.00338
10/14/2023	318	SS to Black River	0.00931
10/14/2023	317	SS to Black River	0.01117
10/14/2023	316	SS to Black River	0.00993
10/14/2023	315	SS to Black River	0.00483
10/14/2023	314	SS to Black River	0.00395
10/14/2023	312	SS to Black River	0.00931
10/14/2023	326	SS to Black River	0.01737
10/14/2023	335	SS to Black River	0.01316
10/14/2023	312	SS to Black River	0.01117
12/9/2023	310	SS to Black River	0.01595
12/9/2023	309	SS to Black River	0.01914
12/9/2023	320	SS to Black River	0.01276
12/9/2023	318	SS to Black River	0.00564
12/9/2023	317	SS to Black River	0.05414
12/9/2023	316	SS to Black River	0.00602
12/9/2023	315	SS to Black River	0.00827
12/9/2023	314	SS to Black River	0.00677
12/9/2023	312	SS to Black River	0.00564
12/9/2023	326	SS to Black River	0.02978
12/9/2023	335	SS to Black River	0.02256
12/9/2023	330	SS to Black River	0.01914
12/9/2023	324	SS to Black River	0.00851
12/9/2023	325	SS to Black River	0.00301
12/27/2023	316	SS to Black River	0.00354
12/27/2023	315	SS to Black River	0.00487
12/27/2023	314	SS to Black River	0.00399
12/27/2023	312	SS to Black River	0.00332



## 2023 Water in The Basement Narrative

When water in the basement (WIB) calls are received, the appropriate WWPC personnel are dispatched to evaluate the cause of the problem. If the cause of the problem is in the City's main sewer, a crew is immediately dispatched to jet-clean the line and remove the blockage and restore the proper function of the sewer system. In some cases, the problem may be due to overloading of the sanitary sewer during storms of very high intensity, or a combination of intensity and long duration.

In 2023, of the 356 WIB calls received, there were 41 sewers that were overloaded due to very high intensity rain events. The majority of WIB calls received (308 of 356, or 86%) were the homeowner's responsibility. In almost all cases, the cause of the sewage backup was roots, wipes or debris in the homeowner's private lateral pipes. Given the randomness of the other call dates and locations, no other patterns were observed.

Of the WIB calls received 41 of 356 (12 %) resulted from overloaded sewers. The cause of the overloaded sewers was due to extremely high intensity rain events.

Of the WIB calls received 7 of 356 (2%) resulted from private contractor error. On December 10, 2023 we received a WIB call for 39070 Chestnut Ridge Rd. On our arrival six other residents came out stating they were having issues. Our investigation discovered construction debris from a paving project in a sanitary manhole blocking the flow and causing the backup. We immediately cleaned the debris and restored flow to the residences. On December 11, 2023 we cctv'd the sanitary sewers to confirm there were no other obstructions restricting the flow.

The intensity of the rain event on August 11, 2023 resulted in approximately two inches of rain over a short period of time which generated many WIB calls.

The intensity of the rain event on August 23, 2023-August 24, 2023 resulted in approximately seven to eight inches of rain which generated many WIB calls.

Of the WIB calls received 0 of 356 (0%) resulted from a problem within the city's sewer system.