



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

March 10, 2025

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, 2024 to December 31, 2024.

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, McMahon, 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
305	SS to Black River	West Ave. n/o Oberlin Rd.	
306	SS to Black River	East Ave. @ George St.	4/1/2018
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. @ Winckles 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.	4/30/2012
332	SS to Black River	Alley between Third St. & Turner St.(536 Turner)	4/30/2012
333	SS to Black River	552 Turner St. @ Siphon Head Chamber	4/30/2012
334	SS to 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 th St. @ Banks St.	
337	SS to Black River	Pinewood Drive Lift Station	5/4/2012
338	SS to Black River	Hemlock Dr. @ Gulf Rd. Lift Station	
339	SS to Black River	Gulf Rd. Lift Station n/o Crestview Dr.	
340	SS to Black River	Locust St. Lift Station	Verified 1/2013
341	SS to Black River	Mendel Ct. Lift Station	
342	SS to Black River	Overbrook Rd. Lift Station	opened 11/29/22
343	SS to Black River	West Side Interceptor	
344	SS to Black River	Banks Street midway between 12th & 13th St.	

SSO Annual Report - Data Entry Spreadsheet

Permit Number 3PD00034*MD

Facility Name Elyria WWTP

Reporting Period

From: 1/1/2024

To: 12/31/2024

Table 2: SSO Event Information			
Event Date	Identification Number	Receiving Water	Volume (millions of gallons)
1/24/2024	312	SS to Black River	0.0020
1/24/2024	330	SS to Black River	0.0024
4/1/2024	312	SS to Black River	0.0021
4/1/2024	314	SS to Black River	0.0025
4/1/2024	315	SS to Black River	0.0030
4/1/2024	316	SS to Black River	0.0022
4/1/2024	317	SS to Black River	0.0025
4/1/2024	318	SS to Black River	0.0021
4/1/2024	326	SS to Black River	0.0007
4/2/2024	314	SS to Black River	0.0023
4/2/2024	315	SS to Black River	0.0028
4/2/2024	316	SS to Black River	0.0057
4/11/2024	312	SS to Black River	0.0022
4/11/2024	314	SS to Black River	0.0027
4/11/2024	315	SS to Black River	0.0033
4/11/2024	316	SS to Black River	0.0024
7/4/2024	314	SS to Black River	0.0009
7/29/2024	314	SS to Black River	0.0010
7/29/2024	317	SS to Black River	0.0012
8/1/2024	314	SS to Black River	0.0004
8/2/2024	312	SS to Black River	0.0443
8/2/2024	314	SS to Black River	0.2213
8/2/2024	315	SS to Black River	0.0138
8/2/2024	316	SS to Black River	0.0285
8/2/2024	317	SS to Black River	0.1046
8/2/2024	318	SS to Black River	0.0415
8/2/2024	320	SS to Black River	0.0421
8/2/2024	325	SS to Black River	0.0194
8/2/2024	326	SS to Black River	0.0196
8/2/2024	335	SS to Black River	0.0537
8/2/2024	344	SS to Black River	0.0027
8/2/2024	342	SS to Black River	0.0031
8/3/2024	314	SS to Black River	0.0022
8/3/2024	317	SS to Black River	0.0016
8/3/2024	318	SS to Black River	0.0046
8/6/2024	314	SS to Black River	0.0001

8/17/2024	312	SS to Black River	0.0174
8/17/2024	314	SS to Black River	0.0083
8/17/2024	317	SS to Black River	0.0124
8/17/2024	318	SS to Black River	0.0274
8/17/2024	320	SS to Black River	0.0019
8/17/2024	326	SS to Black River	0.0144
8/17/2024	335	SS to Black River	0.0092
9/6/2024	312	SS to Black River	0.0043
9/6/2024	314	SS to Black River	0.0072
9/6/2024	315	SS to Black River	0.0156
9/6/2024	317	SS to Black River	0.0045
9/6/2024	318	SS to Black River	0.0119
9/23/2024	314	SS to Black River	0.0006
9/24/2024	314	SS to Black River	0.0001
9/27/2024	312	SS to Black River	0.0026
9/27/2024	314	SS to Black River	0.0015
9/27/2024	317	SS to Black River	0.0009
9/27/2024	318	SS to Black River	0.0012
10/13/2024	312	SS to Black River	0.0073
10/13/2024	314	SS to Black River	0.0074
10/13/2024	315	SS to Black River	0.0013
10/13/2024	316	SS to Black River	0.0010
10/13/2024	317	SS to Black River	0.0033
10/13/2024	318	SS to Black River	0.0007
11/10/2024	314	SS to Black River	0.0005
11/14/2024	312	SS to Black River	0.0020
11/14/2024	314	SS to Black River	0.0026
11/14/2024	315	SS to Black River	0.0030
11/14/2024	316	SS to Black River	0.0022
11/25/2024	312	SS to Black River	0.0013
11/25/2024	314	SS to Black River	0.0004
12/15/2024	314	SS to Black River	0.0006
12/29/2024	305	SS to Black River	0.0031
12/29/2024	309	SS to Black River	0.0808
12/29/2024	310	SS to Black River	0.0438
12/29/2024	312	SS to Black River	0.0709
12/29/2024	313	SS to Black River	0.0051
12/29/2024	314	SS to Black River	0.0387
12/29/2024	315	SS to Black River	0.0349
12/29/2024	316	SS to Black River	0.0254
12/29/2024	317	SS to Black River	0.0343
12/29/2024	318	SS to Black River	0.1048
12/29/2024	319	SS to Black River	0.0140
12/29/2024	320	SS to Black River	0.0069
12/29/2024	324	SS to Black River	0.0127
12/29/2024	326	SS to Black River	0.0593

12/29/2024	335	SS to Black River	0.0372
12/31/2024	312	SS to Black River	0.0096
12/31/2024	314	SS to Black River	0.0081
12/31/2024	317	SS to Black River	0.0021
12/31/2024	318	SS to Black River	0.0010

* Data recorded for the period of January-June 2024 were all visually observed (SSO) overflow data with estimated volumes. Beginning July 2024 and forward, overflow monitoring data from the City's Consent Decree required overflow monitoring equipment is used when recording (SSO) overflows if possible. If overflow monitoring data is not available we use visual inspection with estimated volume.

2024 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 2024, of the 206 WIB calls received, there were 0 sewers that were overloaded due to very high intensity rain events.

In 2024, all WIB calls received (206 of 206, or 100%) were the homeowner's responsibility. In almost all cases, the cause of the sewage backup was roots or debris in the homeowner's private lateral pipes and footer tiles. There are several older neighborhoods in the City where the majority of the homeowners have large maple and oak trees in the front yards which lead to roots in the homeowner's private lateral pipes and footer tiles. Given the randomness of the other call dates and locations, no other patterns were observed.