

### CITY OF ELYRIA

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

March 13, 2023

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, 2022 to December 31, 2022.

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

Operations Superintendent/Collection System

City of Elyria

Wastewater Pollution Control

WC2-1122433-13

estefek@cityofelyria.org

Cc: Matt Lundy, Safety Service Director

Kathy McKillips, City Engineer

John Schneider, Assistant City Engineer Terry Korzan, Superintendent, WWPC Jill Lis, Lorain County Public Health Amanda Deery, City Law Director

Wendlene M. Lavey, McMahon, DeGulis, LLP

File

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### CITY OF ELYRIA SANITARY SEWER OVERFLOW ANNUAL REPORT

DATE:

March 10, 2023

FACILITY NAME: City of Elyria - Wastewater Pollution Control Plant

OHIO NPDES PERMIT #: 3PD00034\*MD

PERIOD COVERED BY REPORT:

January 1, 2022 - December 31, 2022

**CONTACT PERSON** 

NAME:

Erin Stefek

TITLE:

Operations Superintendent/Collection System

MAILING ADDRESS:

City of Elyria – Wastewater Pollution Control

1194 Gulf Road Elyria, Ohio 44035

TELEPHONE:

440-366-2211 ext. 5120

EMAIL:

estefek@cityofelyria.org

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.

Operations Superintendent/Collection System

### CITY OF ELYRIA SANITARY SEWER OVERFLOW ANNUAL REPORT

This report is being submitted by the City of Elyria Wastewater Pollution Control (WWPC) Department to fulfill the requirements outlined in the City of Elyria WWPC NPDES permit 3PD00034\*MD. The period covered by this report includes January 1, 2022 through December 31, 2022. This report presents required information for those overflows that are not listed in our NPDES permit without waiving the City's defenses and positions regarding the classification of overflows as separate versus combined.

The City of Elyria is responsible for inspecting 31 unlisted overflow locations when the plant reaches a total flow rate of 30 MGD during a wet weather/rain event. The purpose of these inspections is to note whether or not these overflow locations are overflowing to the Black River. *The overflow locations are identified in Table 1*. Note that overflow #342 location N-6 was reopened upon approval from OEPA on November 29, 2022, and is on the SSO inspection list.

The WWPC Department performs a variety of tasks to help minimize activation of unlisted overflows. These responsibilities include:

- 1) Maintaining a grease trap inspection program to verify that restaurants, industries, church halls and other social clubs/organizations are maintaining their grease traps and interceptors with a frequency that will prevent grease from entering the sanitary sewer system. Restaurant owners and personnel are educated, as needed, on the importance of preventing grease from entering the sewer and on the maintenance of their grease traps. Any facility that is found to have grease in the effluent of the grease trap or interceptor is issued a Notice of Violation and fined a minimum of \$100.00. Chronic violations result in escalated enforcement by the City of Elyria Water Pollution Control Board.
- 2) Increased cleaning frequencies of the sanitary sewer collection system in the Midway Mall and Chestnut Commons areas. There are numerous restaurants concentrated in these areas that discharge to a particular main in the sanitary sewer collection system. The increased cleaning by the City's sewer collection system crew helps to prevent problems and maximizes the capacity of the collection system.
- 3) Frequent cleaning of all siphons in the sanitary sewer collection system by the City's sewer collection system crew. This cleaning ensures that the siphons are flowing efficiently, preventing backups of sewage in these areas.
- 4) Cleaning and televising the sanitary and combined sewers by the City's sewer collection system crews. The combined sewers on the City's South side are cleaned on a more frequent basis due to the accumulation of grit in these sewers. Keeping both the sanitary and combined sewers clean decreases the probability of plugs in these sewers and maximizes the capacity of the sewers, preventing sewage backups and overflows.

- 5) Cleaning and televising the storm sewers by the City's sewer collection system crews while cleaning the sanitary sewers. Keeping the storm sewers open and in good repair reduces the ponding of water on the ground which, in turn, reduces infiltration into the sanitary sewers.
- 6) Following a rotational schedule for cleaning the gratings of catch basins throughout the year by the City's sewer collection system crew. All catch basin tops are cleaned several times in a typical year. The storm pipes from the catch basins are cleaned while cleaning the sanitary and storm sewers in the area.
- 7) Mailing out the Water Environment Federation (WEF) grease disposal brochures in residential areas whenever collection system maintenance crews find high levels of grease in the sanitary and combined sewers.
- 8) Mailing the Water Environment Federation (WEF) brochure titled, "It's a Toilet, Not a Trashcan" to neighborhoods where wipes and other non-flushable items create issues with the sewers or pump stations.
- 9) Frequently providing pollution prevention information to the community via the City web site (www.cityofelyria.org), by handing out a variety of pamphlets during the Elyria Apple Festival, through Lorain County Solid Waste District functions, through local radio station advertisements, and flyers are included with utility bills. Information is also included in the annual consumer confidence report sent to all residents by the city's water pumping plant. This information deals with litter control, the proper disposal of grass clippings and leaves, reasons for not dumping or placing anything into catch basins, and reasons for not disposing of household wastes (cleaners, solvents, paints, oil, baby wipes, cooking grease, diapers, etc.) in sinks and toilets. Many time's residents will call the plant directly to ask questions about proper disposal of these items.

The City of Elyria continues to maintain the current street sweeping program, placing extra emphasis on the combined sewer areas, in order to minimize the amounts of road grit and solids entering the combination and storm sewers during rain events.

In 2022, there were 26 rain events that caused the WWPC Plant to reach a flow rate of at least 30 MGD. During these 26 rain events, 708 unlisted overflow locations were inspected. Wet-weather overflows were observed for 77 inspections (11%). The average maximum WWPC flow rate for these events was 44.48 MGD, and the average duration of elevated WWPC flow for these events was 4 hours. 14 of the 26 rain events resulted in no overflows. There were no dry weather overflows observed in 2022.

See Table 2 for additional overflow event Information.

### 2022 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 2022, of the 388 WIB calls received, there were 24 sewers that were overloaded due to very high intensity rain events.

In 2022, the overwhelming majority of WIB calls received (364 of 388, or 94%) 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.

Of the WIB calls received 24 of 388 (6%) resulted from overloaded sewers. The cause of the overloaded sewers was due to extremely high intensity rain events.

The intensity of the rain event on August 21, 2022 resulted in 4-5 inches of rain over a short period of time on the Central, Eastern Heights, West, and St. Jude's area's of Elyria which generated many WIB calls.

Of the WIB calls received 0 of 388 (0%) resulted from a problem within the city's sewer system.

See Table 3 for a summary of all publicly owned water in the basement (WIB) occurrences received from residents in 2022.

### SSO Annual Report Table 1: SSO Identification

| ID# <sup>A</sup> | Location | Description  | Receiving Water <sup>B</sup> | Sewershed <sup>D</sup> | Eliminated <sup>C</sup>   |
|------------------|----------|--|------------------------------|------------------------|---------------------------|
| 301              | 100      | Gulf Rd. @ Dilworth St. (center)                       | SS to Black River            | St. Jude               | CSO**                     |
| 302              | 101      | Glenwood St. (close to Washington Ave.)                | SS to Black River            | St. Jude               | CSO**                     |
| 303              | 114      | West Bridge St. (west side of Bridge near Basil's)     | Black River                  | Downtown               | CSO**                     |
| 304              | 132      | Lake Ave. @ Chestnut St. (at beauty shop)              | SS to Black River            | Downtown               | CSO**                     |
| 305              | 147      | West Ave. n/o Oberlin Rd.                              | SS to Black River            | South Side             |                           |
| *306             | 165      | East Ave. @ George St.                                 | SS to Black River            | South Side             | 4/1/2018                  |
| 307              | 189      | Lincoln St. @ Blaine St.                               | SS to Black River            | The Heights            | CSO**                     |
| 308              | 190      | East River St. (1 <sup>st</sup> MH south of Smith Ct.) | SS to Black River            | St. Jude               | CSO**                     |
| 309              | 193      | East River St. @ Riverdale Ct.                         | SS to Black River            | The Heights            |                           |
| 310              | 194      | East River St. @ Columbia Ave.                         | SS to Black River            | The Heights            |                           |
| 311              | 199      | Sherman St. @ Columbia Ave.                            | SS to Black River            | The Heights            |                           |
| 312              | 202      | Park Ave. @ Kenyon Ave.                                | SS to Black River            | The Heights            |                           |
| 313              | 203      | Park Ave. @ Oxford Ave.                                | SS to Black River            | The Heights            |                           |
| 314              | 204      | Park Ave. @ Cambridge Ave.                             | SS to Black River            | The Heights            |                           |
| 315              | 205      | Park Ave. @ Princeton Ave.                             | SS to Black River            | The Heights            | gentaring this.           |
| 316              | 206      | Park Ave. @ Eastern Hts. Blvd.                         | SS to Black River            | The Heights            |                           |
| 317              | 207      | Park Ave. @ Harvard Ave.                               | SS to Black River            | The Heights            |                           |
| 318              | 208      | Park Ave. @ Cornell Ave.                               | SS to Black River            | The Heights            |                           |
| 319              | 209      | Park Ave. @ Denison Ave.                               | SS to Black River            | The Heights            |                           |
| 320              | 211      | Park Ave. @ Columbia Ave.                              | SS to Black River            | The Heights            |                           |
| 321              | 213      | 328 Columbia Ave.                                      | SS to Black River            | The Heights            |                           |
| 322              | 214      | Garford Ave. @ Columbia Ave.                           | SS to Black River            | The Heights            |                           |
| 323              | 217      | Denison Ave. b/tween Park & Garford Ave.               | SS to Black River            | The Heights            |                           |
| 324              | 219      | Fairlawn Ave. @ Harvard Ave.                           | SS to Black River            | The Heights            |                           |
| 325              | 220      | Fairlawn Ave. @ Cornell Ave.                           | SS to Black River            | The Heights            |                           |
| 326              | 221      | Clark St. @ Winkles St.                                | SS to Black River            | The Heights            |                           |
| 328              | 238      | 840 Livermore Ln. w/o Georgetown Ave.                  | SS to Black River            | North Side             |                           |
| 329              | 239      | 830 Salem Ave. n/o Fairwood Blvd.                      | SS to Black River            | North Side             |                           |
| 330              | 240      | Gulf Rd. @ Lafayette St. (center)                      | SS to Black River            | St. Jude               |                           |
| *331             | 250      | West River Rd. @ Third St.                             | SS to Black River            | Southwest Side         | 04/30/12                  |
| *332             | 251      | Alley btwn Third St. & Turner St.(536 Turner)          | Black River                  | Southwest Side         | 04/30/12                  |
| *333             | 252      | 552 Turner St. @ Siphon Head Chamber                   | Black River                  | Southwest Side         | 04/30/12                  |
| 336              | 263      | 13 <sup>th</sup> St. @ Banks St.                       | SS to Black River            | South Side             | and the                   |
| 335              | 281      | 122 Winkles St. (n/o Penn Central RR)                  | SS to Black River            | East Side              |                           |
| *337             | 309      | Pinewood Drive Lift Station                            | SS to Black River            | East Side              | 05/04/12                  |
| 338              | 310      | Hemlock Dr. @ Gulf Rd. Lift Station                    | SS to Black River            | North Side             | Manadaman Salahan Salahan |
| 339              | 312      | Gulf Rd. Lift Station n/o Crestview Dr.                | Black River                  | North Side             |                           |
| *340             | 313      | Locust St. Lift Station                                | Black River                  | Downtown               | Verified 1/2013           |
| 327              | 121A     | Bond St. @ Jefferson Alley                             | SS to Black River            | West Side              |                           |
| 334              | 260A     | Dead end of 6th St. / north side of road               | Black River                  | South Side             |                           |
| 341              | N-2      | Mendel Ct. Lift Station                                | SS to Black River            | West Side              |                           |
| 342              | N-6      | Overbrook Rd. Lift Station                             | Black River                  | Spring Valley          |                           |

### SSO Annual Report Table 1: SSO Identification

| ID# <sup>A</sup> | Location | Description           | Receiving Water <sup>B</sup> | Sewershed D | Eliminated <sup>C</sup> |
|------------------|----------|-----------------------|------------------------------|-------------|-------------------------|
| 343              | WSI      | West Side Interceptor | Black River                  | West Side   |                         |

A. Assign each SSO location a unique identification by numbering them consecutively, beginning with 301.

B. Enter name of receiving water. If an SSO enters a storm sewer, enter "SS to (name of receiving water)". If an SSO does not reach a receiving water, enter "None".

\*C. If an SSO has been eliminated, enter the date of elimination (MM/DD/YY).

D. A sewershed is a specific geographic area, such as a city block or a subdivision, that drains to a common outlet.

Northeast

West

Southeast

Spring Valley

South

Eastern Heights

St. Jude's

Central

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

| Date A    | B # □ | Location<br># | Description                | Receiving Water <sup>c</sup> | Sewershed   | Volume D<br>(MG) | Overflow<br>days/event |
|-----------|-------|---------------|----------------------------|------------------------------|-------------|------------------|------------------------|
| 2/2/2022  | 316   | 206           | Park @ Eastern Heights     | SS to Black River            | The Heights | 0.00902          | 2                      |
| 2/2/2022  | 315   | 205           | Park @ Princeton           | SS to Black River            | The Heights | 0.00439          | 2                      |
| 2/2/2022  | 314   | 204           | Park @ Cambridge           | SS to Black River            | The Heights | 0.00359          | 2                      |
| 2/2/2022  | 312   | 202           | Park @ Kenyon              | SS to Black River            | The Heights | 0.00846          | 2                      |
| 2/17/2022 | 318   | 208           | Park @ Cornell             | SS to Black River            | The Heights | 0.01504          | 2                      |
| 2/17/2022 | 317   | 207           | Park @ Harvard             | SS to Black River            | The Heights | 0.05104          | 2                      |
| 2/17/2022 | 316   | 206           | Park @ Eastern Heights     | SS to Black River            | The Heights | 0.08336          | 2                      |
| 2/17/2022 | 315   | 205           | Park @ Princeton           | SS to Black River            | The Heights | 0.06239          | 2                      |
| 2/17/2022 | 314   | 204           | Park @ Cambridge           | SS to Black River            | The Heights | 0.05104          | 2                      |
| 2/17/2022 | 312   | 202           | Park @ Kenyon              | SS to Black River            | The Heights | 0.12031          | 2                      |
| 2/17/2022 | 326   | 221           | Clark @ Winckles           | SS to Black River            | Central     | 0.02807          | 2                      |
| 2/17/2022 | 335   | 281           | 122 Winckles-n/o RR Tracks | SS to Black River            | Central     | 0.00802          | 2                      |
| 2/17/2022 | 330   | 240           | Gulf Road @ Lafayette St   | SS to Black River            | St. Jude's  | 0.00602          | 2                      |
| 2/22/2022 | 318   | 208           | Park @ Cornell             | SS to Black River            | The Heights | 0.00199          | 1                      |
| 2/22/2022 | 317   | 207           | Park @ Harvard             | SS to Black River            | The Heights | 0.00239          | 1                      |
| 2/22/2022 | 316   | 206           | Park @ Eastern Heights     | SS to Black River            | The Heights | 0.00213          | 1                      |
| 2/22/2022 | 315   | 205           | Park @ Princeton           | SS to Black River            | The Heights | 0.00292          | 1                      |
| 2/22/2022 | 314   | 204           | Park @ Cambridge           | SS to Black River            | The Heights | 0.00239          | _                      |
| 2/22/2022 | 312   | 202           | Park @ Kenyon              | SS to Black River            | The Heights | 0.00564          | 1                      |
| 3/7/2022  | 318   | 208           | Park @ Cornell             | SS to Black River            | The Heights | 0.00931          | 1                      |
| 3/7/2022  | 317   | 207           | Park @ Harvard             | SS to Black River            | The Heights | 0.01117          | _                      |
| 3/7/2022  | 316   | 206           | Park @ Eastern Heights     | SS to Black River            | The Heights | 0.00993          | _                      |
| 3/7/2022  | 315   | 205           | Park @ Princeton           | SS to Black River            | The Heights | 0.01365          | -                      |
| 3/7/2022  | 314   | 204           | Park @ Cambridge           | SS to Black River            | The Heights | 0.01117          | _                      |
| 3/7/2022  | 312   | 202           | Park @ Kenyon              | SS to Black River            | The Heights | 0.00931          | 1                      |

| Date A    | g # QI | Location<br># | Description                | Receiving Water <sup>c</sup> | Sewershed   | Volume <sup>D</sup><br>(MG) | Overflow<br>days/event |
|-----------|--------|---------------|----------------------------|------------------------------|-------------|-----------------------------|------------------------|
| 3/7/2022  | 326    | 221           | Clark @ Winckles           | SS to Black River            | Central     | 0.01737                     | _                      |
| 3/7/2022  | 335    | 281           | 122 Winckles-n/o RR Tracks | SS to Black River            | Central     | 0.00658                     | _                      |
| 3/7/2022  | 330    | 240           | Gulf Road @ Lafayette St   | SS to Black River            | St. Jude's  | 0.01053                     | _                      |
| 4/11/2022 | 318    | 208           | Park @ Cornell             | SS to Black River            | The Heights | 0.01196                     | 2                      |
| 4/11/2022 | 317    | 207           | Park @ Harvard             | SS to Black River            | The Heights | 0.01436                     | 2                      |
| 4/11/2022 | 316    | 206           | Park @ Eastern Heights     | SS to Black River            | The Heights | 0.03609                     | 2                      |
| 4/11/2022 | 315    | 205           | Park @ Princeton           | SS to Black River            | The Heights | 0.01755                     | 2                      |
| 4/11/2022 | 314    | 204           | Park @ Cambridge           | SS to Black River            | The Heights | 0.04061                     | 2                      |
| 4/11/2022 | 312    | 202           | Park @ Kenyon              | SS to Black River            | The Heights | 0.06216                     | 2                      |
| 4/11/2022 | 326    | 221           | Clark @ Winckles           | SS to Black River            | Central     | 0.06316                     | 2                      |
| 5/6/2022  | 316    | 206           | Park @ Eastern Heights     | SS to Black River            | The Heights | 0.01161                     | 1                      |
| 5/6/2022  | 315    | 205           | Park @ Princeton           | SS to Black River            | The Heights | 0.00220                     | 1                      |
| 5/6/2022  | 314    | 204           | Park @ Cambridge           | SS to Black River            | The Heights | 0.00220                     | -                      |
| 5/6/2022  | 313    | 203           | Park @ Oxford              | SS to Black River            | The Heights | 0.01307                     | _                      |
| 5/6/2022  | 312    | 202           | Park @ Kenyon              | SS to Black River            | The Heights | 0.01089                     | -                      |
| 5/21/2022 | 318    | 208           | Park @ Cornell             | SS to Black River            | The Heights | 0.02930                     | 2                      |
| 5/21/2022 | 317    | 207           | Park @ Harvard             | SS to Black River            | The Heights | 0.01914                     | 2                      |
| 5/21/2022 | 316    | 206           | Park @ Eastern Heights     | SS to Black River            | The Heights | 0.03126                     | 2                      |
| 5/21/2022 | 315    | 205           | Park @ Princeton           | SS to Black River            | The Heights | 0.02127                     | 2                      |
| 5/21/2022 | 314    | 204           | Park @ Cambridge           | SS to Black River            | The Heights | 0.01914                     | 2                      |
| 5/21/2022 | 312    | 202           | Park @ Kenyon              | SS to Black River            | The Heights | 0.04512                     | 2                      |
| 5/21/2022 | 326    | 221           | Clark @ Winckles           | SS to Black River            | Central     | 0.01053                     | 2                      |
| 5/21/2022 | 335    | 281           | 122 Winckles-n/o RR Tracks | SS to Black River            | Central     | 0.00301                     | 2                      |
| 5/21/2022 | 330    | 240           | Gulf Road @ Lafayette St   | SS to Black River            | St. Jude's  | 0.01914                     | 2                      |
| 6/8/2022  | 312    | 202           | Park @ Kenyon              | SS to Black River            | The Heights | 0.00425                     | 1                      |

| Date <sup>A</sup> | g# Q | Location<br># | Description                  | Receiving Water <sup>c</sup> | Sewershed   | Volume <sup>D</sup><br>(MG) | Overflow<br>days/event |
|-------------------|------|---------------|------------------------------|------------------------------|-------------|-----------------------------|------------------------|
| 7/24/2022         | 312  | 202           | Park @ Kenyon                | SS to Black River            | The Heights | 0.00718                     | 2                      |
| 8/21/2022         | 334  | 260A          | Dead End of 6th Stnorth side | SS to Black River            | South Side  | 0.00031                     | 2                      |
| 8/21/2022         | 310  | 194           | East River @ Columbia        | SS to Black River            | The Heights | 0.21269                     | 2                      |
| 8/21/2022         | 309  | 193           | East River @ Riverdale       | SS to Black River            | The Heights | 0.25522                     | 2                      |
| 8/21/2022         | 311  | 199           | Sherman @ Columbia           | SS to Black River            | The Heights | 0.20261                     | 2                      |
| 8/21/2022         | 320  | 211           | Park @ Columbia              | SS to Black River            | The Heights | 0.06016                     | 2                      |
| 8/21/2022         | 319  | 209           | Park @ Denison               | SS to Black River            | The Heights | 0.35448                     | 2                      |
| 8/21/2022         | 318  | 208           | Park @ Cornell               | SS to Black River            | The Heights | 0.13814                     | 2                      |
| 8/21/2022         | 317  | 207           | Park @ Harvard               | SS to Black River            | The Heights | 0.09024                     | 2                      |
| 8/21/2022         | 316  | 206           | Park @ Eastern Heights       | SS to Black River            | The Heights | 0.08021                     | 2                      |
| 8/21/2022         | 315  | 205           | Park @ Princeton             | SS to Black River            | The Heights | 0.11029                     | 2                      |
| 8/21/2022         | 314  | 204           | Park @ Cambridge             | SS to Black River            | The Heights | 0.09024                     | 2                      |
| 8/21/2022         | 313  | 203           | Park @ Oxford                | SS to Black River            | The Heights | 0.00063                     | 2                      |
| 8/21/2022         | 312  | 202           | Park @ Kenyon                | SS to Black River            | The Heights | 0.29724                     | 2                      |
| 8/21/2022         | 325  | 220           | Fairlawn @ Cornell           | SS to Black River            | The Heights | 0.04010                     | 2                      |
| 8/21/2022         | 326  | 221           | Clark @ Winckles             | SS to Black River            | Central     | 0.39701                     | 2                      |
| 8/21/2022         | 335  | 281           | 122 Winckles-n/o RR Tracks   | SS to Black River            | Central     | 0.30078                     | 2                      |
| 8/21/2022         | 330  | 240           | Gulf Road @ Lafayette St     | SS to Black River            | St. Jude's  | 0.25522                     | 2                      |
| 10/13/2022        | 315  | 205           | Park @ Princeton             | SS to Black River            | The Heights | 0.00097                     | 2                      |
| 10/13/2022        | 314  | 204           | Park @ Cambridge             | SS to Black River            | The Heights | 0.00080                     | 2                      |
| 10/13/2022        | 312  | 202           | Park @ Kenyon                | SS to Black River            | The Heights | 0.00188                     | 2                      |
| 10/19/2022        | 317  | 207           | Park @ Harvard               | SS to Black River            | The Heights | 0.00319                     | -                      |
| 10/19/2022        | 316  | 206           | Park @ Eastern Heights       | SS to Black River            | The Heights | 0.00802                     | _                      |
| 10/19/2022        | 315  | 205           | Park @ Princeton             | SS to Black River            | The Heights | 0.00390                     | _                      |
| 10/19/2022        | 314  | 204           | Park @ Cambridge             | SS to Black River            | The Heights | 0.00902                     | -                      |

| Date <sup>A</sup> | B# QI | Location<br># | Description      | Receiving Water <sup>c</sup> | Sewershed   | Volume D<br>(MG) | Overflow days/event |
|-------------------|-------|---------------|------------------|------------------------------|-------------|------------------|---------------------|
| 10/19/2022        | 312   | 202           | Park @ Kenyon    | SS to Black River            | The Heights | 0.00752          | _                   |
| 10/19/2022        | 326   | 221           | Clark @ Winckles | SS to Black River            | Central     | 0.00496          | _                   |

A. Enter date as "MM/DD/YY". Enter "Various" to summarize overflows of less than 1,000 gallons from an SSO location.

B. Enter the unique identification assigned in Table 1.

C. Enter name of receiving water. If an SSO enters a storm sewer, enter "SS to (name of receiving water)". If an SSO does not reach a receiving water, enter "None".

D. Enter estimate of volume in MG (millions of gallons). Enter estimate of total volume if summarizing data.

Use additional pages as needed.

SSO Annual Report Table 3: Publicly Owned Water in Basement (WIB) Occurrences

**Total Occurences** 

388

| WIB Occurrences B | 28         | 38         | 15             | 12            | 61       | 108         | 06        | 98 |
|-------------------|------------|------------|----------------|---------------|----------|-------------|-----------|----|
| WIB Occ           |            |            |                |               |          | 1           |           |    |
| Sewershed A       | North Side | South Side | Southeast Side | Spring Valley | St. Jude | The Heights | West Side |    |

| Water In Baseme | Water In Basement (WIB) Occurrences - City Responsibility                                   | onsibility             |                                 |                                       |
|-----------------|---|------------------------|---------------------------------|---------------------------------------|
| ш<br>Ш          | 0 =   |                        |                                 |                                       |
| Date            | Address   | Sewershed <sup>A</sup> | WIB<br>Occurrences <sup>B</sup> | Causes <sup>c</sup>                   |
|                 |   |                        |                                 |                                       |
|                 |   |                        |                                 |                                       |
| Water In Baseme | Water In Basement (WIB) Occurrences - Overloaded sanitary due to high intensity rain events | d sanitary due to      | high intensity rair             | events                                |
| u :             | = 24  |                        |                                 |                                       |
|                 |   |                        |                                 |                                       |
| Date            | Address   | Sewershed <sup>A</sup> | WIB<br>Occurrences <sup>B</sup> | Causes <sup>C</sup>                   |
| 8/21/2022       | 200 Bellfield Ave.  | St. Jude               | 1                               | W=Extreme Weather-Overloaded sanitary |
| 8/21/2022       | 302 Hamilton St.  | St. Jude               |                                 | W=Extreme Weather-Overloaded sanitary |
| 8/21/2022       | 278 Harwood   | St. Jude               | 1                               | W=Extreme Weather-Overloaded sanitary |
| 8/21/2022       | 140 Lafayette   | St. Jude               | 1                               | W=Extreme Weather-Overloaded sanitary |
| 8/21/2022       | 275 Longford  | St. Jude               | 1                               | W=Extreme Weather-Overloaded sanitary |
| 8/21/2022       | 447 Ohio St.  | St. Jude               | <u></u>                         | W=Extreme Weather-Overloaded sanitary |
| 8/21/2022       | 363 Olive St.   | St. Jude               | _                               | W=Extreme Weather-Overloaded sanitary |

| 8/21/2022 | 996 Reeve                 | Spring Valley | 1 | W=Extreme Weather-Overloaded sanitary |
|-----------|---------------------------|---------------|---|---------------------------------------|
| 8/21/2022 | 315 Blaine                | The Heights   | 1 | W=Extreme Weather-Overloaded sanitary |
| 8/21/2022 | 407 Blaine                | The Heights   | 1 | W=Extreme Weather-Overloaded sanitary |
| 8/21/2022 | 451 Cambridge             | The Heights   | 1 | W=Extreme Weather-Overloaded sanitary |
| 8/21/2022 | 317 Cambridge             | The Heights   | 1 | W=Extreme Weather-Overloaded sanitary |
| 8/21/2022 | 631 Cambridge             | The Heights   | _ | W=Extreme Weather-Overloaded sanitary |
| 8/21/2022 | 510 Garford               | The Heights   | 1 | W=Extreme Weather-Overloaded sanitary |
| 8/21/2022 | 312 Henry                 | The Heights   | 1 | W=Extreme Weather-Overloaded sanitary |
| 8/21/2022 | 137 Lincoln               | The Heights   | 1 | W=Extreme Weather-Overloaded sanitary |
| 8/21/2022 | 800 Park Ave.             | The Heights   | 1 | W=Extreme Weather-Overloaded sanitary |
| 8/21/2022 | 701 Park Ave.             | The Heights   | 1 | W=Extreme Weather-Overloaded sanitary |
| 8/21/2022 | 113 Apollo                | West Side     | 1 | W=Extreme Weather-Overloaded sanitary |
| 8/21/2022 | 503 Dewey                 | West Side     | 1 | W=Extreme Weather-Overloaded sanitary |
| 8/21/2022 | 201 Louisiana             | West Side     | 1 | W=Extreme Weather-Overloaded sanitary |
| 8/21/2022 | 144 Lowell St.            | West Side     | 1 | W=Extreme Weather-Overloaded sanitary |
| 8/21/2022 | 1131 West River Rd. North | West Side     | 1 | W=Extreme Weather-Overloaded sanitary |
| 8/21/2022 | 6295 West River Rd. South | West Side     | - | W=Extreme Weather-Overloaded sanitary |

A. A sewershed is a specific geographic area, such as a city block or a subdivision, that drains to a common outlet.

B. Enter the total number of water in the basement occurences reported for the sewershed.

### C. Enter all causes that apply:

| W = extreme weather | E = equipment failure      | P = power failure      | K = roots  |
|---------------------|----------------------------|------------------------|------------|
| D = debris in line  | V = vandalism              | L = line deterioration | G = grease |
| B = other blockages | O = other, provide details |                        |            |

Use additional pages as needed.