

2019

City of Toledo, Ohio

Annual Combined Sewer Overflow (CSO) Report

April 1, 2020

I. **Description**

Table 1 is a description and address of each CSO outfall location, including the OEPA identification number. The table lists the treatment before discharge, if any, status of public signage, and yearly summary of the outfall activity.

Table 2 is a description of the public access areas potentially impacted by CSO activity. These sites area posted with signage.

Table 1

**2019
Annual Notice: Combined Sewer Overflow Report**

| Outfall Number | Description | Address | Receiving Water | Treatment Before Discharge | Signage, Date Inspected | Occurrences #/Yr | Volume, MG | Long Term Control Plan Comments/Updates: |
|----------------|--------------------------------|---------------------------|------------------------|----------------------------|-------------------------|------------------|------------|--|
| 2PF00000004 | Paine Ave. and Front St. | 2201 Front St. 43605 | East Side Maumee River | Bar Screening | TJ, 2-3-2020 | 3 | 4.56 | |
| 2PF00000005 | Dearborn Ave. and Front St. | 1547 Front St. 43605 | East Side Maumee River | Bar Screening | TJ, 2-3-2020 | 2 | 0.44 | |
| 2PF00000006 | Main St., north of bridge, | 15 Main St. 43605 | East Side Maumee River | Bar Screening | MS & TJ, 1/13/2020 | 3 | 9.27 | |
| 2PF00000007 | Nevada and Miami St. | 609 Miami St. 43605 | East Side Maumee River | Bar Screening | MS & TJ, 1/13/2020 | 9 | 14.58 | |
| 2PF00000008 | Fassett St. and Miami St. | 1152 Miami St. 43605 | East Side Maumee River | Bar Screening | Sign to be installed | 22 | 4.56 | Sewer separation project |
| 2PF00000009 | Oakdale Ave. and Miami St. | 1435 Miami St. 43605 | East Side Maumee River | Bar Screening | TJ, 1-31-2020 | 0 | 0 | |
| 2PF00000011 | East Side P.S. | 163 Lee St. 43605 | East Side Maumee River | Bar Screening | Sign to be installed | 0 | 0 | |
| 2PF00000023 | Columbus St. and Summit St. | 214 Columbus St. 43611 | West Side Maumee River | Bar Screening | TJ, 1/21/2020 | 1 | 1.34 | |
| 2PF00000026 | Magnolia St. and Summit St. | 210 Magnolia St. 43604 | West Side Maumee River | None | CSO Outfall eliminated | 46 | 7.99 | To be eliminated under Downtown basin project |
| 2PF00000027 | Locust St. below Summit St. | 215 Locust St. 43604 | West Side Maumee River | None | TJ, 2/3/2020 | 10 | 0.69 | |
| 2PF00000028 | Jackson below Summit St. | 502 Water St. 43604 | West Side Maumee River | None | TJ, 2/14/2020 | 18 | 4.30 | |
| 2PF00000029 | Adams below Summit St. | 215 Adams St. 43604 | West Side Maumee River | None | Multiple signs in area | 7 | 1.90 | Signs from other outfalls on both sides of this outfall. |
| 2PF00000030 | Jefferson below Summit St. | 2015 Jefferson Ave. 43604 | West Side Maumee River | None | TJ, 2/14/2020 | 2 | 0.11 | |
| 2PF00000031 | Monroe St. below Summit St. | 315 Monroe St. 43604 | West Side Maumee River | None | TJ, 2/14/2020 | 8 | 0.38 | |
| 2PF00000033 | Maumee Ave. and Orchard St. | 502 Maumee Ave. 43609 | West Side Maumee River | Bar Screening | TJ, 2/14/2020 | 4 | 1.62 | |
| 2PF00000042 | Erie St., south of Hamilton | 412 S. Erie St. 43602 | Swan Creek | None | TJ, 2/14/2020 | 1 | 0.01 | |
| 2PF00000043 | Hamilton & Anthony Wayne Trail | 302 Hamilton St. 43604 | Swan Creek | Bar Screening | TJ, 2/14/2020 | 3 | 24.01 | |

Annual Notice: Combined Sewer Overflow Report

| Outfall Number | Description | Address | Receiving Water | Treatment Before Discharge | Signage, Date Inspected | Occurrences #/Yr | Volume, MG | Long Term Control Plan Comments/Updates: |
|----------------|----------------------------------|---------------------------|------------------------|----------------------------|-------------------------|------------------|------------|--|
| 2PF000000045 | Ewing St. and Hamilton | 309 Ewing St. 43607 | Swan Creek | None | TJ, 2/14/2020 | 0 | 0 | |
| 2PF000000046 | Hawley St., south of bridge | 141 S. Hawley St. 43609 | Swan Creek | None | TJ, 2/14/2020 | 5 | 1.79 | |
| 2PF000000047 | Pere West, east of Gibbons St. | 1304 Pere St. West 43609 | Swan Creek | None | TJ, 1/31/2020 | 1 | 0.02 | |
| 2PF000000048 | Hillside and Chester St. | 214 Hillside Ave. 43609 | Swan Creek | None | TJ, 1/31/2020 | 0 | 0 | |
| 2PF000000061 | Lagrange St. and Manhattan Blvd. | 3503 Lagrange St. 43608 | Ottawa River | Bar Screening | TJ, 1/21/2020 | 1 | 0.38 | |
| 2PF000000062 | Windermere & Manhattan Blvd. | 202 Windemere Blvd. 43608 | Ottawa River | Bar Screening | TJ, 1/21/2020 | 3 | 0.3 | |
| 2PF000000065 | Ayers Ave. and South Cove Blvd. | 2584 Ayers Ave. 43606 | Ottawa River | Bar Screening | TJ, 2/14/2020 | 0 | 0 | |
| 2PF000000068 | Lagrange and Water St. | 199 Lagrange St 43604 | West Side Maumee River | Bar Screening | TJ, 1/21/2020 | 9 | 1.61 | |
| 2PF000000069 | NE of Champion and Walbridge | 1600 Walbridge Ave. 43609 | Swan Creek | Bar Screening | TJ, 2/14/2020 | 1 | 12.04 | |

Comments: There were no known public access areas impacted by the CSO discharges.

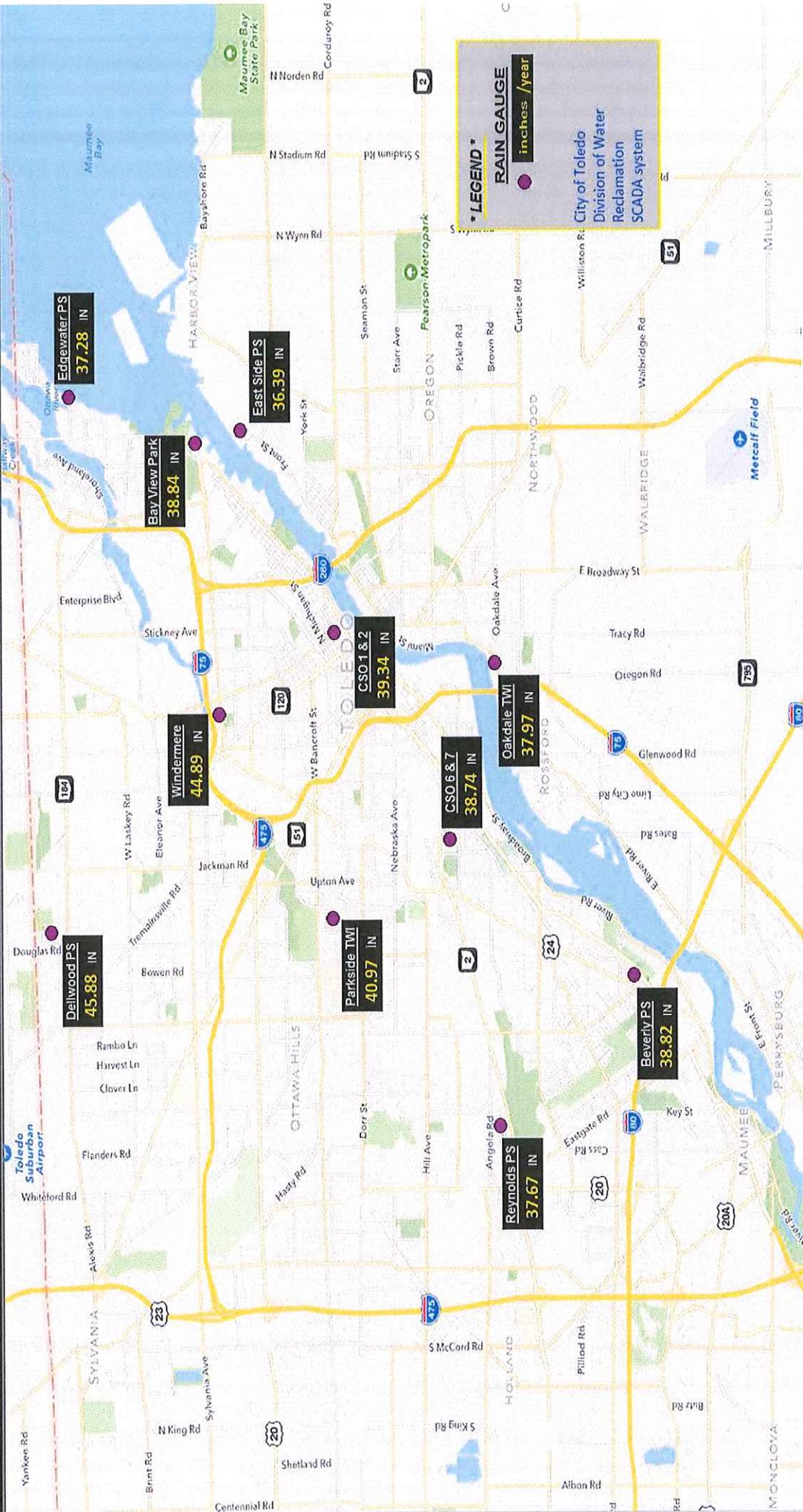
Table 2

Sites to be Posted - Public Access Points

| <u>Sites Description</u> | <u>Address</u> | <u>Receiving Waters</u> |
|------------------------------------|---------------------|-------------------------|
| Middlegrounds Metropark | 111 Ottawa St. | Maumee River |
| International Park | 100 Main St. | Maumee River |
| Howard Pinkley Kayak Launch | 2250 Shoreland Ave. | Ottawa River |
| Erie St. Market Kayak Launch | 201 S. Erie St. | Swan Creek |
| Cullen Park | 4526 N. Summit St. | Maumee River |
| Promenade Park/Sandpiper boat dock | 120 Water St. | Maumee River |

Annual Precipitation data

- II. A City wide map showing the site of the rain gauge locations and the total amount of rainfall, in inches, during the reporting year.



III. **Toledo Waterways Initiative (TWI)** - Status of Implementation of CSO
Nine Minimum Controls and Long Term Control Plan

Regarding implementation of the CSO Nine Minimum Controls and the Long Term Control Plan (LTCP), the TWI Program is currently 98% complete. All 162 Consent Decree Critical Milestones, of the 166 required, have been met to date. Two of the remaining milestones are detailed on the attached exhibit, LTCP CSO Control Projects – Milestone Schedule Status. The final two milestones to be met are 1) submittal of the LTCP Compliance Monitoring & Report and 2) submittal of the LTCP Final Compliance Report. Construction for the LTCP projects is on schedule to be completed by August 31, 2020. Currently, the City has 14.0 MG of SSO storage capacity and 103.3 MG of CSO storage capacity, with 17.0 MG of additional CSO storage capacity under construction. Upon completion of the construction for the LTCP projects in 2020, the City will begin the 12-Month Monitoring Period of the Compliance Phase, as required by Chapter 15 of the LTCP. When all of the TWI improvements are complete, approximately 650 million gallons of untreated sewage will be eliminated annually from entering our area waterways. That's an 80% reduction in total overflow volume. In addition, eight of the City's permitted CSO outfalls will be eliminated, and the remaining outfall discharges will be reduced to an average of three times or less per year.

Contact information:

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Exhibit A: LTCP CSO Control Projects - Milestone Schedule Status

| Project # ¹ | Description | Permit Submittal | Initiate Construction | Construction Substantially Complete/ Project Operational | Final Completion/ Project Fully Operational |
|------------------------|---|------------------------------------|-----------------------------------|---|---|
| O-1 | Lockwood/Devilbiss SSES | N/A | N/A | N/A | Due July 2008 Actual 7/1/2008 |
| O-2 | Lockwood/Devilbiss Sewer Separation | Due 11/30/09 Actual 8/19/09 | Due 4/1/2010 Actual 3/24/2010 | Due 6/30/2012 Actual 6/28/2012 | Due 12/31/2012 Actual 12/1/2012 |
| W-1 | Ash/Columbus (Jamie Farr Park) Storage Pipeline | Due 6/30/2010 Actual 4/7/2010 | Due 1/1/2010 Actual 10/17/2010 | Due 6/30/2012 Actual 5/4/2012 | Due 12/31/2012 Actual 9/11/2012 |
| E-6 | Wheeling Area SSES and Sewer Separation | Due 9/1/2010 Actual 7/1/2010 | Due 1/1/2011 Actual 12/31/2010 | Due 12/31/2012 Actual 11/30/2011 | Due 6/30/2013 Actual 12/30/2011 |
| S-3 | Highland Area SSES and Sewer Separation | Due 9/1/2010 Actual 7/1/2010 | Due 1/1/2011 Actual 12/31/2010 | Due 12/31/2012 Actual 11/30/2011 | Due 6/30/2013 Actual 12/30/2011 |
| S-4 | Woodsdale Area SSES and Inflow Reduction | Due 9/1/2010 Actual 6/1/2010 | Due 1/1/2011 Actual 12/31/2010 | Due 12/31/2012 Actual 10/26/2011 | Due 6/30/2013 Actual 12/30/2011 |
| W-2 | Ash Area SSES and Sewer Separation | Due 9/1/2010 Actual 6/1/2010 | Due 1/1/2011 Actual 12/31/2010 | Due 12/31/2012 Actual 10/27/2011 | Due 6/30/2013 Actual 11/23/2011 |
| W-5 | Williams/Knepp Area SSES and Inflow Reduction | Due 9/1/2010 Actual 6/1/2010 | Due 1/1/2011 Actual 12/31/2010 | Due 12/31/2012 Actual 10/27/2011 | Due 6/30/2013 Actual 11/23/2011 |
| W-7 | New York Area and Inflow Reduction | Due 12/31/2010 Actual 7/1/2010 | Due 5/1/2011 Actual 4/20/2011 | Due 6/30/2013 Actual 6/3/2013 | Due 12/31/2013 Actual 7/19/2013 |
| W-6 | Maumee Storage Basin | Due 7/31/2011 Actual 5/10/2011 | Due 1/1/2011 Actual 12/31/2010 | Due 11/30/2014 Actual 06/23/2014 | Due 5/31/2015 Actual 12/5/2014 |
| E-7 | Bay View (East Side) Grit Facility | Due 8/31/2011 Actual 2/16/2010 | Due 1/2/2012 Actual 9/6/2011 | Due 12/31/2013 Actual 4/26/2013 | Due 6/30/2014 Actual 9/13/2013 |
| O-3 | Ayers/Monroe Storage/Conveyance Pipeline | Due 12/31/2011 Actual 10/7/2011 | Due 5/1/2012 Actual 5/1/2012 | Due 12/31/2014 Actual 12/5/2014 | Due 6/30/2015 Actual 3/18/2015 |
| E-5 | Oakdale Storage Basin | Due 8/31/2012 Actual 4/23/2012 | Due 1/1/2013 Actual 11/26/2012 | Due 12/31/2014 Actual 10/19/2014 | Due 6/30/2015 Actual 12/18/2014 |
| S-1A | Swan Creek North Tunnel Optimization | Due 8/31/2012 Actual 4/23/2012 | Due 1/1/2013 Actual 11/26/2012 | Due 12/31/2014 Actual 10/19/2014 | Due 6/30/2015 Actual 12/18/2014 |
| S-2A | Swan Creek South Tunnel Optimization | Due 8/31/2012 Actual 4/23/2012 | Due 1/1/2013 Actual 11/26/2012 | Due 12/31/2014 Actual 10/19/2014 | Due 6/30/2015 Actual 12/18/2014 |
| W-4A | Downtown Tunnel Optimization | Due 8/31/2012 Actual 4/23/2012 | Due 1/1/2013 Actual 11/26/2012 | Due 12/31/2014 Actual 10/19/2014 | Due 6/30/2015 Actual 12/18/2014 |
| E-2 | Dearborn Storage (Basin) Pipeline | Due 8/1/2014 Actual 12/6/13 | Due 12/1/2014 Actual 8/13/2014 | Due 11/30/2016 Actual 4/15/2016 | Due 5/31/2017 Actual 7/19/2016 |
| O-4A | Ottawa River Storage Facility (Conveyance) | Due 9/1/2014 Actual 4/21/14 | Due 1/1/2015 Actual 11/14/2014 | Due 12/31/2016 Actual 9/30/2016 | Due 6/30/2017 Actual 6/22/2017 |
| O-4B | Ottawa River Storage Facility (Basin) | Due 9/1/2014 Actual 4/21/14 | Due 1/1/2015 Actual 11/14/2014 | Due 12/31/2017 Actual 12/14/2017 | Due 6/30/2017 Actual 6/29/2017 |
| E-3 | International Park Storage (Pipeline) Basin | Due 8/1/2016 Actual 11/5/16 | Due 12/1/2016 Actual 8/1/2016 | Due 11/30/2018 ² Actual 11/30/2018 ² | Due 5/31/2019 Actual 5/21/2019 |
| S-1B | Swan Creek North (Tunnel Ext.) Sewer Separation | Due 5/1/2017 Actual 4/12/17 | Due 9/1/2017 Actual 8/25/2017 | Due 5/31/2020 Actual 8/25/2019 | Due 8/31/2020 Actual 8/25/2019 |
| S-2B | Swan Creek South Tunnel In-System Storage | Due 8/31/2017 Actual 4/12/17 | Due 1/1/2018 Actual 8/25/2017 | Due 12/31/2019 Actual 8/25/2019 | Due 6/30/2020 Actual 8/25/2019 |
| W-4C | Downtown Storage Basin | Due 7/31/2017 Actual 12/3/17 | Due 1/1/2017 Actual 8/1/2017 | May 31, 2020 | August 31, 2020 |
| E-1 | Paine Regulator Modifications | Due 8/31/2018 Actual 4/13/18 | Due 0/10/2019 Actual 11/27/18 | Due 5/31/2020 Actual 10/01/2019 | Due 8/31/2020 Actual 10/10/2019 |
| E-4 | Fassett Regulator Modifications | Due 8/31/2018 Actual 4/13/18 | Due 0/10/2019 Actual 11/27/18 | Due 5/31/2020 Actual 10/01/2019 | Due 8/31/2020 Actual 10/10/2019 |
| | Post-Construction Compliance Monitoring Plan | Due 8/31/2019 Actual 8/29/19 | N/A | N/A | N/A |

1 - Projects refer to those outlined in Table 13.50 of the July 2008 LTCP. The first letter of the Project Identification refers to the waterbody to which the respective outfalls discharges: "E" and "W" refer to the east and west sides of Maumee River, "O" refers to Ottawa River and "S" refers to Swan Creek. Additional detail on each project is found in LTCP Appendix J.
 2 - This is a revised date. The date changed from 9/03/2018 to 11/30/2018

gray All items for this project complete yellow Upcoming milestone blue Milestone complete