

2018

City of Toledo, Ohio

Annual Combined Sewer Overflow (CSO) Report

April 26, 2019

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.

2018
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Outfall Number	Description	Address	Receiving Water	Treatment Before Discharge	Signage, Date Inspected	Occurrences #/Yr	Volume, MG	Long Term Control Plan Comments/Updates:
2PF000000004	Paine Ave. and Front St.	2201 Front St. 43605	East Side Maumee River	Bar Screening	03/2019, TJ	16	17.65	
2PF000000005	Dearborn Ave. and Front St.	1547 Front St. 43605	East Side Maumee River	Bar Screening	03/2019, TJ	6	15.25	
2PF000000006	Main St., north of bridge,	15 Main St. 43605	East Side Maumee River	Bar Screening	03/2019, TJ	38	26.57	
2PF000000007	Nevada and Miami St.	609 Miami St 43605	East Side Maumee River	Bar Screening	03/2019, TJ	44	67.71	
2PF000000008	Fassett St. and Miami St.	1152 Miami St. 43605	East Side Maumee River	Bar Screening	Under construction	46	44.63	Sewer separation project
2PF000000009	Oakdale Ave. and Miami St.	1435 Miami St. 43605	East Side Maumee River	Bar Screening	03/2019, TJ	1	1.07	
2PF000000011	East Side P.S.	163 Lee St. 43605	East Side Maumee River	Bar Screening	04/2019, CLM	0	0	
2PF000000023	Columbus St. and Summit St.	214 Columbus St. 43611	West Side Maumee River	Bar Screening	03/2019, TJ	1	1.3	
2PF000000026	Magnolia St. and Summit St.	210 Magnolia St. 43604	West Side Maumee River	None	To be eliminated	45	7.39	To be eliminated under Downtown basin project
2PF000000027	Locust St. below Summit St.	215 Locust St. 43604	West Side Maumee River	None	03/2019, TJ	4	0.33	
2PF000000028	Jackson below Summit St.	502 Water St. 43604	West Side Maumee River	None	3/21/19 CLM	8	5.75	
2PF000000029	Adams below Summit St.	215 Adams St. 43604	West Side Maumee River	None	signs in area	7	4.82	Signs from other outfalls on both sides of this outfall.
2PF000000030	Jefferson below Summit St.	2015 Jefferson Ave. 43604	West Side Maumee River	None	3/21/19 CLM	6	0.57	
2PF000000031	Monroe St. below Summit St.	315 Monroe St. 43604	West Side Maumee River	None	3/22/19 CLM	6	1.24	
2PF000000033	Maumee Ave. and Orchard St.	502 Maumee Ave. 43609	West Side Maumee River	Bar Screening	4/22/19 CLM	8	6.62	
2PF000000042	Erie St., south of Hamilton	412 S. Erie St. 43602	Swan Creek	None	03/2019, TJ	3	0.91	
2PF000000043	Hamilton & Anthony Wayne Trail	302 Hamilton St. 43604	Swan Creek	Bar Screening	03/2019, TJ	9	70.33	

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Outfall Number	Description	Address	Receiving Water	Treatment Before Discharge	Signage, Date Inspected	Occurrences #/Yr	Volume, MG	Long Term Control Plan Comments/Updates:
2PF00000045	Ewing St. and Hamilton	309 Ewing St. 43607	Swan Creek	None	03/2019, TJ	0	0	
2PF00000046	Hawley St., south of bridge	141 S. Hawley St. 43609	Swan Creek	None	03/2019, TJ	4	1.73	
2PF00000047	Pere West, east of Gibbons St.	1304 Pere St. West 43609	Swan Creek	None	03/2019, TJ	5	2.66	
2PF00000048	Hillside and Chester St.	214 Hillside Ave. 43609	Swan Creek	None	03/2019, TJ	1	0.06	
2PF00000061	Lagrange St. and Manhattan Blvd.	3503 Lagrange St. 43608	Ottawa River	Bar Screening	03/2019, TJ	2	2.56	
2PF00000062	Windermere & Manhattan Blvd.	202 Windermere Blvd. 43608	Ottawa River	Bar Screening	03/2019, TJ	2	1.75	
2PF00000065	Ayers Ave. and South Cove Blvd.	2584 Ayers Ave. 43606	Ottawa River	Bar Screening	03/2019, TJ	3	10.83	
2PF00000068	Lagrange and Water St.	199 Lagrange St 43604	West Side Maumee River	Bar Screening	03/2019, TJ	12	5.08	
2PF00000069	NE of Champion and Walbridge	1600 Walbridge Ave. 43609	Swan Creek	Bar Screening	03/2019, TJ	7	27.64	

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

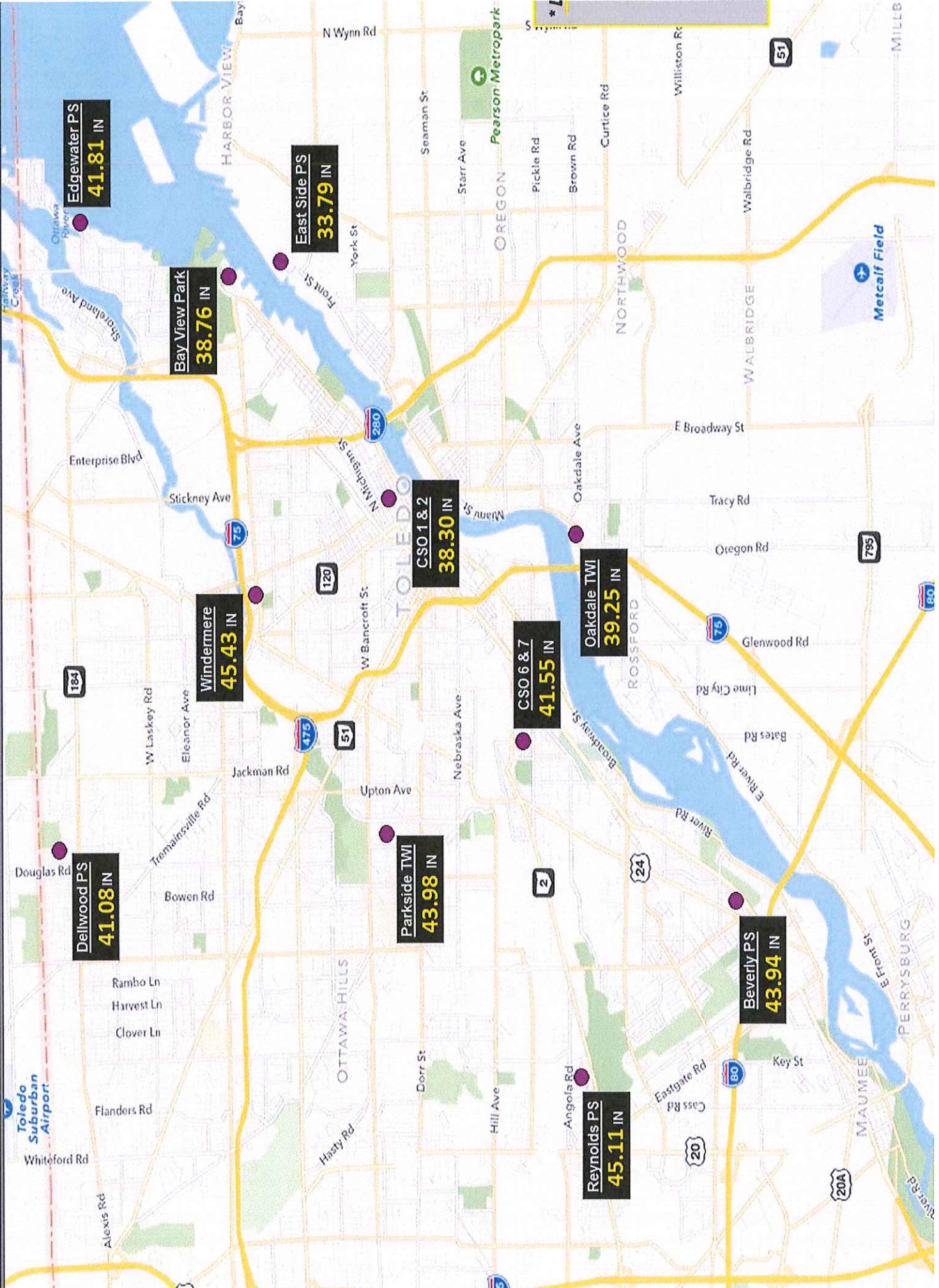
Table 2

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

The TWI Program to implement the CSO Nine Minimum Controls and Long Term Control Plan (LTCP) is currently 95% complete. All 152 Consent Decree Critical Milestones, of the 166 required, have been met to date. Eleven of the remaining milestones are detailed on the attached exhibit, LTCP CSO Control Projects – Milestone Schedule Status. The final three milestones to be met are 1) submittal of the LTCP Compliance Monitoring Plan, 2) submittal of the LTCP Compliance Monitoring & Report, and 3) 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:

Chris McGibbeny
City of Toledo, Division of Water Reclamation
Administrator/Operation
Phone: 419-727-2624
Email: chris.mcgibbeny@toledo.oh.gov

Exhibit A: LTCP CSO Control Projects - Milestone Schedule Status

Submitted: 03/08/19 Invoice #125

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 12/21/2012
W-1	Ash/Columbus (Jamie Farr Park) Storage Pipeline	Due 6/30/2010 Actual 4/7/2010	Due 11/1/2010 Actual 10/7/2010	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 12/31/2010 Actual 11/30/2011	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 12/31/2010 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 12/31/2010 Actual 12/31/2010	Due 12/31/2012 Actual 10/28/2011	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 12/31/2010 Actual 12/31/2010	Due 12/31/2012 Actual 10/27/2011	Due 6/30/2013 Actual 11/23/2011
W-5	Williams/Knapp Area SSES and Inflow Reduction	Due 9/1/2010 Actual 6/1/2010	Due 12/31/2010 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 9/1/2010 Actual 7/1/2010	Due 12/31/2010 Actual 12/31/2010	Due 12/31/2012 Actual 11/30/2011	Due 6/30/2013 Actual 12/30/2011
W-6	Maunee Storage Basin	Due 12/31/2010 Actual 9/10/2010	Due 5/1/2011 Actual 4/20/2011	Due 6/30/2013 Actual 6/3/2013	Due 12/31/2013 Actual 7/19/2013
E-7	Bay View (East Side) Grit Facility	Due 7/5/2011 Actual 5/10/11	Due 12/1/2011 Actual 11/21/2011	Due 11/30/2014 Actual 06/23/2014	Due 5/31/2015 Actual 12/5/2014
O-3	Ayers/Monroe Storage/Conveyance Pipeline	Due 8/31/2012 Actual 2/16/2010	Due 1/1/2013 Actual 9/6/2011	Due 12/31/2014 Actual 4/26/2013	Due 6/30/2015 Actual 9/13/2013
E-5	Oakdale Storage Basin	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 7/1/2015 Actual 3/18/2015
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 1/15/16	Due 12/1/2016 Actual 8/1/2016	Due 05/31/2019 Actual 11/30/2018 ²	May 31, 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	May 31, 2020	August 31, 2020
W-4C	Downtown Storage Basin	Due 7/31/2017 Actual 1/23/17	Due 11/1/2017 Actual 8/1/2017	May 31, 2020	August 31, 2020
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	December 31, 2019	June 30, 2020
E-1	Paine Regulator Modifications	Due 8/31/2018 Actual 4/13/18	Due 01/01/2019 Actual 11/27/18	May 31, 2020	August 31, 2020
E-4	Fassett Regulator Modifications	Due 8/31/2018 Actual 4/13/18	Due 01/01/2019 Actual 11/27/18	May 31, 2020	August 31, 2020

1 - Projects refer to those outlined in Table 13.30 of the July 2008 LTCP. The first letter of the Project Identification refers to the waterbody to which the respective outfalls discharge. "E" and "W" refer to the east and west sides of Maunee 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