

# City of Upper Sandusky CSO Notification Report



NPDES Permit 2PD00039\*QD

February 23, 2023

Station Number	Description	Receiving Stream
2PD00039052	W. bank (behind 777 N. Sandusky St. (Lat: 40N 50' 24"; Long: 83W 16' 43") Regulators 1425 and 1429	Unnamed Tributary of Sandusky River
2PD00039053	E. bank, SW comer of 800 Mission Dr.  (Lat: 40N 50' 20"; Long: 83W 16' 43") Regulators 1451, 5818, and 5860	Unnamed Tributary of Sandusky River
2PD00039054	W. bank, 633 N. 5th St. (Lat: 40N 50' 17"; Long: 83W 16' 47") Regulators 1330, 1333, 1466, and 1472	Unnamed Tributary of Sandusky River
2PD00039055	W. bank, East edge of golf course (Lat: 40N 49' 40"; Long: 83W 16' 15") Regulator 5934	Sandusky River
2PD00039056	W. bank, rear of 333 S. 4th St. (Lat: 40N 49' 25"; Long: 83W 16' 34") Regulator 5963	Sandusky River
2PD00039057	W. bank, south of 333 S. 4th St. (Lat: 40N 49' 24"; Long: 83W 16' 39") Regulator 1117	Sandusky River
2PD00039058	W. bank, rear of 513 S. Sandusky Ave. (Lat: 40N 49' 11 'L, Long: 83W 16' 46") Regulator 1525	Sandusky River
2PD00039059	W. bank, north side of High St. (Lat: 40N 48' 51"; Long: 83W 16' 31") Regulator 6082	Sandusky River

The structures highlighted in red have been eliminated with the information submitted to Ohio EPA

City of Upper Sandusky Webmaster:

Carrie Mattimoe

City of Upper Sandusky's Auditor's Assistant

(419) 294-1349

## January 2022 CSO Discharges

052

No Events

053

No Events

054

No Events

055

No Events

056

No Events

057

No Events

058

No Events

059

No Events

## February 2022 CSO Discharges

052

February 17	0.052 MG Discharged	1.27"
February 18	0.5430 MG Discharged	0.17"
February 22	0.077 MG Discharged	0.68"

053

February 17	0.456 MG Discharged	1.27"
February 18	0.217 MG Discharged	0.17"

February 2022 CSO Discharges cont.

February 22 0.019 MG Discharged 0.68"

054

No Events

055

February 17 0.005 MG Discharged 1.27"

February 18 0.075 MG Discharged 0.17"

February 22 0.0037 MG Discharged 0.68"

February 28 0.590 MG Discharged snow melt

056

No Events

057

No Events

058

No Events

059

No Events

March 2022 CSO Discharges

052

March 7 0.390 MG Discharged 1.5"

053

March 7 0.393 MG Discharged 1.5"

054

No Events

055

March 7 0.007 MG Discharged 1.5"

March 2022 CSO Discharges Cont.

056

No Events

057

No Events

058

No Events

059

No Events

April 2022 CSO Discharges

052

No Events

053

April 13	0.0169 MG Discharged	0.87"
April 14	0.0796 MG Discharged	0

054

No Events

055

No Events

056

No Events

057

No Events

058

No Events

059

No Events

## May 2022 CSO Discharges

### 052

May 3	0.0007 MG Discharged	0.77"
May 21	0.0127 MG Discharged	1.33"
May 26	0.001 MG Discharged	0.8"

### 053

May 3	0.0286 MG Discharged	0.77"
May 21	0.1198 MG Discharged	1.33"
May 22	0.021 MG Discharged	0
May 26	0.0593 MG Discharged	0.8"
May 27	0.0273 MG Discharged	0

### 054

No Events

### 055

May 21	0.0285 MG Discharged	1.33"
May 22	0.0025 MG Discharged	0
May 26	0.0067 MG Discharged	0.8"

### 056

No Events

### 057

No Events

### 058

No Events

### 059

No Events

## June 2022 CSO Discharges

### 052

June 8	0.0041 MG Discharged	1.12"
June 14	0.0028 MG Discharged	0.82"

### 053

June 8	0.0648 MG Discharged	1.12"
June 14	0.0388 MG Discharged	0.82"

### 054

No Events

### 055

June 8	0.0235 MG Discharged	1.12"
June 14	0.0038 MG Discharged	0.82"

### 056

No Events

### 057

No Events

### 058

No Events

### 059

No Events

## July 2022 CSO Discharges

### 052

July 6	0.0051 MG Discharged	2.2"
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### 053

July 6	0.0948 MG Discharged	2.2"
July 20	0.0526 MG Discharged	0.82"

July 2022 CSO Discharges Cont.

054

No Events

055

July 6	0.0466 MG Discharged	2.2"
July 20	0.0095 MG Discharged	0.82"

056

No Events

057

No Events

058

No Events

059

No Events

August 2022 CSO Discharges

052

August 9	0.0051 MG Discharged	0.76"
August 21	0.0040 MG Discharged	0.76"

053

August 9	0.049 MG Discharged	0.76"
August 20	0.0681 MG Discharged	0.43"
August 21	0.0014 MG Discharged	0.76"

054

No Events

055

August 9	0.0003 MG Discharged	0.76"
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August 2022 CSO Discharges Cont.

August 20                    0.0006 MG Discharged                    0.43"

056

No Events

057

No Events

058

No Events

059

No Events

September 2022 CSO Discharges

052

No Events

053

September 25                    0.0041 MG Discharged                    0.35"

September 26                    0.0019 MG Discharged                    0.18"

054

No Events

055

No Events

056

No Events

057

No Events

058

No Events

059

No Events

## October 2022 CSO Discharges

052

No Events

053

No Events

054

No Events

055

No Events

056

No Events

057

No Events

058

No Events

059

No Events

## November 2022 CSO Discharges

052

No Events

053

No Events

054

No Events

055

No Events

November 2022 CSO Discharges Cont.

056

No Events

057

No Events

058

No Events

059

No Events

December 2022 CSO Discharges

052

December 28 <sup>th</sup>	0.4036 MG Discharged	0.76"
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053

December 28 <sup>th</sup>	0.0753 MG Discharged	0.76"
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054

No Events

055

No Events

056

No Events

057

No Events

058

No Events

059

No Events

## Summary

The City of Upper Sandusky completed a Major Sewer Separation in 2017. This project cost 7.9 million dollars. This project resulted in the permanent closure of regulators 1466,1330, and 1333. This project also separated approximately 20% of the City of Upper Sandusky Combined Sewers and resulted in less Stormwater reaching the Sanitary Sewers in those areas. The City of Upper Sandusky has studied the effects in 2018 of the overall flows in the Sewer Collection System since completion of the Sewer Separation Project and has determined several regulators can be permanently sealed as they no longer discharge during rain events. The Sewer Collection Department has permanently sealed several existing regulators in the Spring/Summer of 2019. These regulators include: 1472, 1117, 5963, 1525, and 6082. This will leave the city with three Station numbers of: 2PD00039052, which will include regulators 1425, and 1429, and 2PD00039053 which include regulators 1451, 5818, and 5860, as well as 2PD00039055 includes regulator 5934. The Sewer Collection Department is checking to see if 2PD00039055 and permanently can be sealed this spring since the completion of the new sewer plant. The Sewer Collection Department also is routinely cleaning approximately 25% of the storm and sanitary lines annually and using a Sewer Camera to view these lines to maximize capacity and to possibly identify potential problems restricting flows during wet weather events. The city has employed Dukes Roots to identify deficiencies in the sanitary sewer system as well as sources of inflow and infiltration via multiple level indicators deployed in the sanitary system along with a sewer sonar scan and 360-degree manhole photos. Identified needed repairs to the collections system are occurring now. The city also continues a street sweeping program that keeps streets clean to limit the amount of trash and debris entering the storm sewers that flow to the Sandusky River. The city also has leaf collection during the fall season.

The City of Upper Sandusky completed in January 2021 on construction of a 23.7-million-dollar new Wastewater Treatment Plant. The new Wastewater Treatment Plant has a design flow of 2 MGD, the same as the existing facility, however wet weather peak flow has increased from 3 MGD in the old plant to 10 MGD with a potential of short-term flows of 12 MGD in the new Wastewater Treatment Plant. This increase has aided in the reduction in amounts and the frequency of discharges at the remaining CSO locations in the future and allow the City of Upper Sandusky to meet new EPA standards and do these tasks with improved efficiency. The new Wastewater Treatment Plant wet stream went online in early January 2021. This resulted in the permanent removal of 2PD00039051 in November of 2020.

A Long-Term Control Plan is currently being developed based on the findings of the new Wastewater Treatment Plant flows to address any remaining CSOs, and to eliminate them as soon as possible with standards and practices that are not detrimental to the City's collection system and personal property to the citizens of Upper Sandusky. Peterman Associates Inc are preparing the Long-Term Control Plan currently and it is to be completed soon.