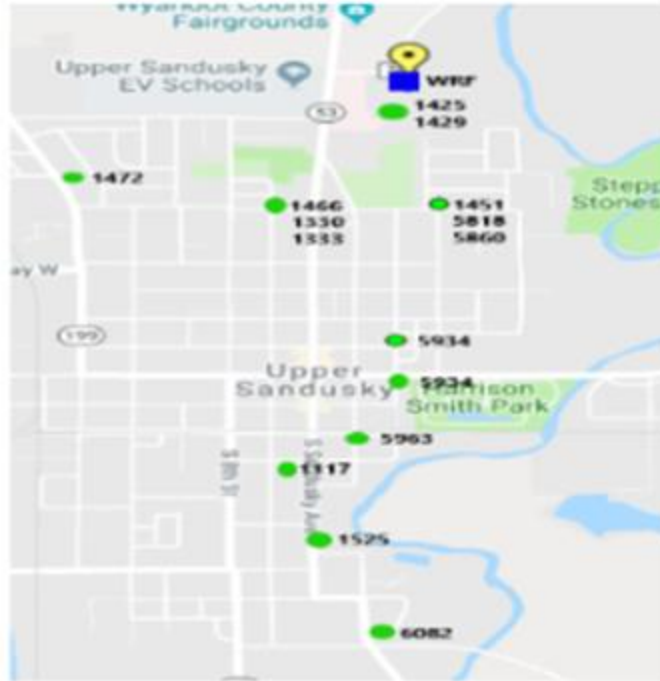


City of Upper Sandusky CSO Notification Report



NPDES Permit 2PD00039*QD

March 25, 2022

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 2021 CSO Discharges

052

January 1st	2.152 MG Discharged	0.75" of rain
January 2nd	0.516 MG Discharged	0.75" of rain
January 3rd	0.310 MG Discharged	0.75" of rain

053

January 1 st	0.170 MG Discharged	0.75" of rain
January 2 nd	0.047 MG Discharged	0.75" of rain

054

No Events

055

January 1 st	0.011 MG Discharged	0.75" of rain
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056

No Events

057

No Events

058

No Events

059

No Events

February 2021 CSO Discharges

052

No Events

053

February 28th 0.031 MG Discharged 0.48" of rain

054

No Events

055

No Events

056

No Events

057

No Events

058

No Events

059

No Events

March 2021 CSO Discharges

052

No Events

053

March 18th 0.108 MG Discharged 0.84" of rain

054

No Events

055

March 18th 0.006 MG Discharged 0.84" of rain

056

No Events

057

No Events

058

No Events

059

No Events

April 2021 CSO Discharges

052

No Events

053

April 10th

0.003 MG Discharged

0.87" of rain

054

No Events

055

April 11th

0.001 MG Discharged

0.87" of rain

056

No Events

057

No Events

058

No Events

059

No Events

May 2021 CSO Discharges

052

May 9 th	0.795 MG Discharged	0.68" of rain
May 10 th	0.285 MG Discharged	2.0" of rain

053

May 4 th	0.019 MG Discharged	0.2" of rain
May 9 th	0.747 MG Discharged	0.68" of rain
May 10 th	0.039 MG Discharged	2.0" of rain

054

No Events

055

May 4 th	0.0001 MG Discharged	0.2" of rain
May 9 th	0.067 MG Discharged	0.68" of rain
May 29 th	0.015 MG Discharged	2.0" of rain

056

No Events

057

No Events

058

No Events

059

No Events

June 2021 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

July 2021 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

August 2021 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

September 2021 CSO Discharges

052

No Events

053

September 22nd 0.138 MG Discharged 2.47" of rain

September 23rd 0.017 MG Discharged 0.01" of rain

054

No Events

055

September 22nd 0.012 MG Discharged 2.47" of rain

056

No Events

057

No Events

058

No Events

059

No Events

October 2021 CSO Discharges

052

October 24th 0.053 MG Discharged 0.97" of rain

October 30th 1.072 MG Discharged 0.04" of rain

October 31st 6.33 MG Discharged 0.00" of rain

053

October 30th 0.042 MG Discharged 0.04" of rain

October 31st 0.009 MG Discharged 0.0" of rain

054

No Events

055

No Events

056

No Events

057

No Events

058

No Events

059

No Events

November 2021 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

December 2021 CSO Discharges

052

December 27 th	0.005 MG Discharged	0.56" of rain
December 28 th	0.145 MG Discharged	0.76" of rain

053

December 27 th	0.560 MG Discharged	0.56" of rain
December 28 th	0.164 MG Discharged	0.76" of rain
December 29 th	0.045 MG Discharged	0.03" of rain

054

No Events

055

December 27 th	0.008 MG Discharged	0.56" of rain
December 28 th	0.001 MG Discharged	0.76" of rain

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 will be permanently sealing 2PD00039055 yet this spring and expect to seal 2PD00039053 and 2PD00039055 after 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. Approximately 1/3 of the sewer system is currently being actively monitored with plans to complete the process on the remaining sewer system over the next 3 years. 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.