

City of Upper Sandusky CSO Notification Report



NPDES Permit 2PD00039*PD

March 30, 2021

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 2020 CSO Discharges

052

January 10 th	0.083 MG Discharged	0.52" of rain
January 11 th	0.552 MG Discharged	0.81" of rain

053

January 3 rd	0.056 MG Discharged	0.41" of rain
January 10 th	0.419 MG Discharged	0.52" of rain
January 18 th	0.226 MG Discharged	0.81" of rain

054

No Events

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No Events

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No Events

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No Events

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No Events

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No Events

February 2020 CSO Discharges

052

February 9 th	0.39 MG Discharged	0.73" of rain
February 10 th	0.304 MG Discharged	0.38" of rain
February 18 th	0.085 MG Discharged	0.4" of rain

053

February 9 th	0.53 MG Discharged	0.73" of rain
February 10 th	0.128 MG Discharged	0.38" of rain
February 18 th	0.104 MG Discharged	0.4" of rain

054

No Events

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No Events

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No Events

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No Events

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No Events

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No Events

March 2020 CSO Discharges

052

March 3 rd	0.125 MG Discharged	0.29" of rain
March 12 th	0.225 MG Discharged	0.84" of rain
March 13 th	0.575MG Discharged	0.84" of rain
March 18 th	0.829 MG Discharged	1.04" of rain
March 19 th	0.223 MG Discharged	0.26" of rain
March 20 th	0.209 MG Discharged	0.78" of rain

053

March 3 rd	0.94 MG Discharged	0.29" of rain
March 10 th	0.028 MG Discharged	0.34" of rain
March 12 th	0.046 MG Discharged	0.84" of rain
March 13 th	0.155 MG Discharged	0.84" of rain
March 18 th	0.205 MG Discharged	1.04" of rain
March 19 th	0.123 MG Discharged	0.26" of rain
March 20 th	0.134 MG Discharged	0.26" of rain
March 29 th	0.211 MG Discharged	0.21" of rain

054

No Events

055

March 10 th	0.001 MG Discharged	0.34" of rain
March 12 th	0.031 MG Discharged	0.84" of rain
March 19 th	0.012 MG Discharged	0.26" of rain
March 29 th	0.011 MG Discharged	0.21" of rain

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No Events

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No Events

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No Events

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No Events

April 2020 CSO Discharges

052

No Events

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No Events

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No Events

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No Events

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No Events

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No Events

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No Events

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No Events

May 2020 CSO Discharges

052

May 15 th	0.161 MG Discharged	0.57" of rain
May 18 th	0.194 MG Discharged	1.96" of rain
May 19 th	2.978 MG Discharged	0.28" of rain
May 20 th	0.01 MG Discharged	0.01" of rain

053

May 19 th	0.396 MG Discharged	1.96" of rain
May 20 th	0.036MG Discharged	0.28" of rain
May 22 nd	0.097 MG Discharged	0.01" of rain
May 29 th	0.001MG Discharged	0.32" of rain

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No Events

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May 19 th	0.053MG Discharged	1.96" of rain
May 29 th	0.001 MG Discharged	0.32" of rain

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No Events

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No Events

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No Events

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No Events

June 2020 CSO Discharges

052

June 21 st	0.09 MG Discharged	0.74" of rain
June 26 th	0.038 MG Discharged	0.18" of rain

053

June 21 st	0.016 MG Discharged	0.74" of rain
June 26 th	0.009 MG Discharged	0.18" of rain

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No Events

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June 21st 0.029 MG Discharged 0.74" of rain

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No Events

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No Events

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No Events

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No Events

July 2020 CSO Discharges

052

July 7th 0.011 MG Discharged 0.49" of rain

July 22nd 0.164 MG Discharged 0.74" of rain

053

July 7th 0.012 MG Discharged 0.49" of rain

July 22nd 0.026 MG Discharged 0.74" of rain

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No Events

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No Events

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No Events

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No Events

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No Events

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No Events

August 2020 CSO Discharges

052

August 28th 0.572 MG Discharged 1.87" of rain

053

August 28th 0.076MG Discharged 1.87" of rain

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No Events

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August 28th 0.048 MG Discharged 1.87" of rain

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No Events

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No Events

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No Events

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No Events

September 2020 CSO Discharges

052

September 7 th	0.085 MG Discharged	1.02" of rain
September 8 th	0.046 MG Discharged	0.5" of rain
September 13 th	0.085 MG Discharged	0.44" of rain

053

September 7 th	0.017 MG Discharged	1.02" of rain
September 8 th	0.046 MG Discharged	0.5" of rain
September 13 th	0.085 MG Discharged	0.44" of rain

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No Events

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September 7 th	0.005 MG Discharged	1.02" of rain
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No Events

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No Events

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No Events

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No Events

October 2020 CSO Discharges

052

October 16 th	0.334 MG Discharged	0.21" of rain
October 17 th	0.091 MG Discharged	0.25" of rain

October 18 th	0.334 MG Discharged	0.08" of rain
October 19 th	0.026 MG Discharged	1.21" of rain
October 21 st	0.619 MG Discharged	1.39" of rain
October 29 th	0.788 MG Discharged	0.95" of rain
October 30 th	0.011 MG Discharged	0.39" of rain

053

October 17 th	0.028 MG Discharged	0.25" of rain
October 20 th	0.024 MG Discharged	1.21" of rain
October 21 st	0.097 MG Discharged	1.39" of rain
October 29 th	0.166 MG Discharged	0.95" of rain
October 31 st	0.011 MG Discharged	0.13" of rain

054

No Events

055

October 21 st	0.021 MG Discharged	1.39" of rain
October 29 th	0.028 MG Discharged	0.95" of rain
October 30 th	0.028 MG Discharged	0.39" of rain
October 31 st	0.027 MG Discharged	0.13" of rain

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No Events

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No Events

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No Events

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No Events

November 2020 CSO Discharges

052

November 23 rd	4.614 MG Discharged	0.83" of rain
November 30 th	0.686 MG Discharged	0.64" of rain

053

No Events

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No Events

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No Events

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No Events

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No Events

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No Events

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No Events

December 2020 CSO Discharges

052

December 12 th	0.545 MG Discharged	0.85" of rain
December 28 th	0.756 MG Discharged	snow melt
December 29 th	0.823 MG Discharged	snow melt
December 30 th	1.12 MG Discharged	snow melt

December 31st

0.389 MG Discharged

0.81" of rain

053

No Events

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No Events

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No Events

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No Events

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No Events

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No Events

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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 started in January 2019 on construction of a 23.7-million-dollar New Water Reclamation Facility. The New Reclamation Facility has a design flow of 2 MGD, the same as the existing facility, however Wet weather peak flow will increase from 3 MGD in the existing plant to 10 MGD with a potential of short-term flows of 12 MGD in the New Reclamation Facility. 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 Reclamation Facility 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 developed based on the findings of the New Reclamation Facility 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 by 12/31/21.