City of Upper Sandusky
CSO Long Term Control Plan

PREPARED FOR:

City of Upper Sandusky
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Table of Contents

List of Figures

List of Tables

BACKGROUND

Introduction

The City of Upper Sandusky wastewater treatment plant discharges to the Sandusky River at River Mile (RM) 80.02. This segment of the Sandusky River is described by Ohio EPA River Code: 05-001, U.S. EPA River Reach #04100011-040, County: Wyandot, Ecoregion: Eastern Corn Belt Plains. The Sandusky River is designated for the following uses under Ohio's Water Quality Standards (OAC 3745-1-12): Warmwater Habitat (WWH), Agricultural Water Supply (AWS), Industrial Water Supply (IWS), and Class A Primary Contact Recreation (PCR).

In accordance with the City of Upper Sandusky's NPDES Permit No. 2PD00039*QD (See Appendix A), the City of Upper Sandusky will complete and submit a CSO Long Term Control Plan within 3 months of the proposed November 1, 2022 effective date of the modification. The purpose of the CSO Long Term Control Plan is to address the remaining CSOs within the collection system.

History

In 1995, the City of Upper Sandusky was operating 13 Combined Sewer Overflows (CSO's) in accordance with NPDES Permit No. 2PD00039*GD which was effective on July 1, 1995. A Combined Sewer System Operational Plan was completed in April 1997 and outlined recommendations to maximize the control of discharges from and/or eliminate the Combined Sewer Overflows (CSO's). The plan recommended various projects and studies to achieve this goal. Since that time the City has been in the process of carrying out the recommendations in the plan as well as completing additional projects and studies.

Initially, smoke and dye testing was conducted to determine whether the 13 permitted overflows were actual CSO's. It was determined that five (5) of the overflows (CSO No. 004, 005, 006, 012 & 013) were actually "storm only" outlets. These five (5) were reclassified and eliminated from the NPDES permit. One additional overflow, CSO No. 010, was confirmed to be a dead storm line and was also eliminated from the NPDES permit. This left the City with seven (7) active CSO's (CSO No. 002, 003, 007, 008, 009, 011 and 014) as of 1997.

Since 1997, various projects have been undertaken which were believed to have eliminated all of the CSO's with the exception of CSO No. 007. No documentation has been found regarding whether this CSO was eliminated.

NPDES Permit No. 2PD00039*LD lists the bypass at the plant as being Outfall 051. Table 1 illustrates the projects undertaken and the affected CSO's.

Table 1 Combined Sewer Overflow Projects		
Year	**Affected CSO**	**Project Description**
2000	014	Gravity Sanitary Sewer, Pump Station & Force Main
2001	002, 011	Bigelow Street Pump Station Reconstruction
2005	008, 009	Crawford/Hicks CSO Removal Project
2005	003	Orchard Drive-Waterworks Park Pump Station
2017	054, 056, 057, 058, 059	Sewer Separation – Approximately 20% of the City's Sewer System
2021	051	New Wastewater Treatment Plant

In September of 2004, the entire sanitary sewer collection system for the city of Upper Sandusky was smoke tested. A total of six hundred twenty-three (623) problems were identified in the sanitary sewer collection system during the smoke testing. A map was developed which detailed the problems discovered.

Of the 623 problems, a total of 402 were identified as private issues or individual property owner's responsibility to repair. The remaining 221 were identified as public issues. Of the problems found, the most significant were 1) 110 storm sewer connections to the sanitary system, 2) three (3) main sewers located within 2,000 feet of the wastewater treatment plant (the northeast, east and west interceptor sewers) and 3) a total of 148 downspout connections.

In 2005, the City of Upper Sandusky sent letters to 202 of the 402 property owners that were identified in the 2004 smoke test study. The City confirmed that of those notified, 169 property owners addressed their problem in 2005 and the remaining 33 property owners addressed their problem in 2006. Additional investigation is needed in regard to the remaining 200 private issues as well as the public issues to determine what is left to be accomplished.

In addition to the above projects, numerous projects have been undertaken to remove storm flows from the combined sewers. These projects included the:

- Fourth and Fifth Street Sewer Separation
- South Warpole Street Storm Sewer Separation
- Downtown Alley Sewer Separation and Manhole Rehabilitation, Phase I
- Highland Park Sewer Replacement (Phase I)
- Manhole Rehabilitation (Phase II)
- North Seventh Street Sewer Separation
- South Seventh Street Sewer Separation
- South Spring Street Sewer Separation

In 2009, the City obtained the Permit to Install (PTI) for the improvements to convert the existing abandoned digester tank at the wastewater treatment plant into an equalization basin. This project was referred to as the "storm-mode treatment facility" project. The design of this project relied upon the existing raw sewage pumps to deliver flow to the equalization basin. The goal of the project was to eliminate the bypass at the wastewater treatment plant.

Following the approval of the storm-mode treatment facility the wastewater plant personnel initiated operational changes which gradually lowered the mixed liquor suspended solids (MLSS) concentration in the aeration tanks. The effluent limits were closely watched as the MLSS concentration was reduced to ensure that the effluent parameters allowed in the NPDES permit would not be exceeded. By lowering the MLSS concentration, plant personnel were able to treat the maximum amount of flow that the plant's raw pump station could send to the head of the plant. Due to the fact that the plant was capable of treating the maximum flow from the raw sewage pumps the storm-mode treatment facility would be ineffective.

The City's NPDES Permit No. 2PD00039*ID expired in November of 2009. A draft permit was subsequently issued to the City in December of 2009 for review. The proposed Compliance Schedule in the draft permit required the construction of the storm-mode treatment facility and continued monitoring of the plant bypass to determine if the project would allow the elimination of the bypass. Following the review of the draft permit, several discussions were held with the City and personnel from the Ohio EPA to discuss the storm-mode treatment facility. Through these discussions and the City's comment letter in response to the draft permit, the Ohio EPA agreed to modify the compliance schedule. The revised compliance schedule required that the City complete a feasibility analysis of alternatives to eliminate the plant bypass no later than October 31, 2011. In addition, the plant bypass was required to be eliminated by the expiration date of the NPDES permit which is April 30, 2015.

The NPDES permit was revised following the completion of the feasibility analysis of alternatives in which 14 additional CSO's were discovered. In accordance with the City of Upper Sandusky's NPDES Permit No. 2PD00039*LD (See Appendix A), the City of Upper Sandusky will complete and submit a CSO Long Term Control Plan within 3 months of the proposed November 1, 2022 effective date of the modification. The purpose of the CSO Long Term Control Plan is to address the three remaining CSOs in the collection system.

The City of Upper Sandusky completed a major sewer separation project in 2017. This project separated approximately 20% of the City's combined sewers which resulted in the reduction of stormwater in entering the sanitary sewers in those areas. The separation of the sewers resulted in the permanent closure of CSO 2PD000390054. In 2018, the City observed the effects of the sewer separation and determined that several existing CSOs could be eliminated, which included 2PD000390056, 2PD000390057, 2PD000390058, and 2PD000390059. The City was left then with three remaining CSOs: 2PD000390052, 2PD000390053, and 2PD000390055.

In January 2021, the City of Upper Sandusky completed construction of a new Wastewater Treatment Plant. The new plant has a design flow of 2 MGD, and a wet weather peak flow of 10 MGD. Additionally, there is a potential for handling short-term flows of 12 MGD in the plant. The new plant wet stream went online in early January 2021. Because of the increased capacity, the raw bypass, station 2PD000390051, was able to be removed from the collection system.

CHARACTERIZATION, MONITORING AND MODELING

Characterization

The City of Upper Sandusky sewer system was initially constructed to convey sanitary sewage and storm water runoff to the Sandusky River. The first wastewater treatment plant was placed into operation in 1957. In general, sewage flowed north to an interceptor along a drainage ditch which then discharged into the raw pump station at the plant. New sewers were constructed on an as-needed basis to connect areas of the City into the plant.

A comprehensive study of the system was completed in 1967. The plan called for the complete separation of sewers as well as upgrades to the existing treatment plant. In addition, the plan called for the extension of sanitary service to areas that were not currently serviced by public sanitary sewers. Storm sewer improvements were also necessary to provide surface drainage for storm water runoff. These improvements were initiated in the 1970's and 1980's.

The City currently has four major sewer areas. These areas are the southeast, southwest, northern and the Duck Pond Road sewer areas. The southeastern portion of the city is serviced by the east interceptor which runs along Sandusky Street and makes several turns to the east to Third Street where it runs north to Mission Drive and then west to the wastewater treatment plant. Many of the sewers in this area are still combined sewers.

The southwestern portion of the city is serviced by the west interceptor which has branches running north on Hazel and Warpole Street. They combine at Finley Street and continue north where it jogs over to Keller Street, then runs north to Terrace Drive and makes a turn east and heads cross country to combine with the east interceptor.

The northern sewer area is serviced by an interceptor that travels cross country directly to the plant and the Duck Pond Road pump station services the area east of the Sandusky River.

The City's collection system currently consists of 11 pump stations, force mains, combined sewers, sanitary sewers, and storm sewers. Approximately 16% of the total area within the corporation limits is combined with the majority of the combined sewers being located within the southeastern sewer service area. The majority of the CSO's are located in this area and consist of primarily weir or channel type overflows. Schematic diagrams of the CSO's may be found in Appendix B. Full descriptions of the remaining CSO's are as follows:

CSO 2PD000390052 is in the west bank of the unnamed tributary of the Sandusky River at the south property line of 153 Indian Mill Drive (County Road 50) behind the hospital (777 North Sandusky Street) (see Figure 01). The upstream regulator is Manhole 1425 with 2 twenty-four (24) inch combined sewers entering the manhole and one thirty (30) inch combined sewer leaving the manhole towards the WWTP. There is a weir located in the manhole that directs the incoming flow into the thirty (30) inch sewer. When the flow exceeds the capacity of the thirty (30) inch sewer to the WWTP, the water level in the manhole rises, once the water elevation reaches the

elevation of the top of the weir, the water flows into a twenty-four (24) inch overflow sewer that discharges into the unnamed tributary to the Sandusky River.

CSO 2PD000390053 is located in the east bank of the unnamed tributary to the Sandusky River at the southwest property corner of 800 Mission Drive. The overflow manhole that contributes on 3rd Street south of East Church Street (See Figure 02). Manhole 5818 located on 3rd Street south of East Church Street has an eighteen (18) inch combined sewer entering and exiting the manhole. A weir is located in the manhole that directs excess flows to an overflow pipe which discharges to the storm sewer system and ultimately to CSO 053.

CSO 2PD000390055 is in the west bank of the Sandusky River at the north side of East Wyandot Avenue on the east edge of the golf course. There were two upstream regulators that contributed to CSO 055. Originally it was thought that there was only one which was Manhole 5934 located at the intersection of East Wyandot Avenue and 4th Street. The overflow in this regulator consisted of a weir that would allow flow to discharge to twenty-one (21) inch overflow sewer. The influent sewer is a twenty-one (21) inch combined sewer, and the effluent sewer is a twelve (12) inch combined sewer. When the flow exceeds the capacity of the twelve (12) inch sewer, the water level in the manhole rises, once the water elevation exceeds the elevation of the top of the weir, the water flows over the top and into the twenty-one (21) inch sewer that was connected into the storm sewer system. This overflow pipe has been plugged with concrete and is no longer able to allow flow to CSO 055.

Regulator Manhole 5860 located at the intersection of East Walker Street and 4th Street was originally thought to contribute to CSO 053, but it actually contributes to CSO 055 and is the only overflow on this CSO (see Figure 03). The overflow in this regulator consisted of a weir that would allow flow to discharge to thirty (30) inch overflow sewer. The influent sewer is a thirty (30) inch combined sewer, and the effluent sewer is an eight (8) inch combined sewer. When the flow exceeds the capacity of the eight (8) inch sewer, the water level in the manhole rises, once the water elevation exceeds the elevation of the top of the weir, the water flows over the top and into the thirty (30) inch sewer that was connected into the storm sewer system.

All other CSOs (054, 056, 057, 058 & 059) and the original plant bypass have been eliminated.

Monitoring

Flow monitoring was conducted in three (3) locations between January 2021 and April 2023 for use in the modeling. One flow meter was placed at each of the three remaining CSO locations in the collection system. ***Table 2*** below shows the occurrences of overflows at each of the remaining CSOs over the last 2.5 years. The volume of flow, the amount of rainfall, and estimated pollutant loading can be observed in the table. Most likely, additional flows can be attributed to some I/I within the system.

Table 2. **CSO Overflow Events**

	CSO ID	Overflow Occurrences	Volume (MG)	Rainfall (in)	Loading (lbs)
2021	2PD000390052	8	6.33	0.97	12142.206
	2PD000390053	21	0.170	2.47	326.0940
	2PD000390055	14	0.067	2.47	128.5194
2022	2PD000390052	13	0.543	2.20	1041.5826
	2PD000390053	21	0.456	2.20	874.6992
	2PD000390055	14	0.590	2.20	1131.7380
2023	2PD000390052	7	0.329	1.73	631.0878
	2PD000390053	4	0.042	1.73	80.5644
	2PD000390055	13	0.355	1.73	680.9610
2024	2PD000390052	2	0.222	3.44	425.6486
	2PD000390053	5	0.456	8.02	875.4665
	2PD000390055	4	0.147	6.38	281.9754

Rain gauge data was obtained from the rain gauge located at the City of Upper Sandusky wastewater treatment plant. The flow monitoring and rainfall readings generated data which allowed for the calibration of the computer model. Because grab samples were not taken, estimations were made for the quantities of Total Suspended Solids and CBOD. These estimated quantities were based on typical compositions of untreated domestic wastewater.

Modeling

To begin the analysis of the existing sewer system, the existing sewer map was updated (See Appendix C). The existing manholes were located using surveying grade gps equipment and their locations were overlaid with an existing aerial photograph. The existing sewer map, construction drawings, and other information provided by the City of Upper Sandusky were then used to determine how all of the manholes were interconnected.

Next, all of the existing manholes were visually inspected. Personnel from Peterman Associates and the City of Upper Sandusky worked side by side in this process so that the City workers were familiar with the forms being used and would be able to keep up to date records as future improvements are made to the system. Information collected during this step included: manhole location, cover type, riser type, bench type, presence and condition of steps, condition of the frame, type of corbell and barrel type, channel type, size and depth of all pipes entering/exiting the manhole, a sketch of the manhole showing the sewers entering/exiting the manhole and a picture of the manhole was taken. The structures were documented on inspection forms for future reference.

All of the collected data was added to EPA SWMM Version 5.2 (Build 5.0.021) to create a model of the existing sewer system. Based on the model the system has adequate capacity to convey dry weather flow without discharging through any of the CSO's.

PUBLIC PARTICIPATION PROGRAM

Since the beginning of the mapping and study phase of the project the City of Upper Sandusky has actively involved the public through City Council Meetings and Service Committee Meetings. These meetings were covered by the media to provide citizens that were not at the meetings with information that was presented and discussed.

From the beginning of the study phase in 2010 there have been nine meetings in which information and project updates have been presented. This information includes the status of the mapping phase, the need for various studies, the content of the necessary studies and the project schedule. Of these meetings one meeting involved staff from the Ohio EPA who discussed the need for moving forward with the project as well as the contents of the NPDES permit and the importance of meeting the necessary deadlines in the permit. The available meeting minutes for these meetings are included in Appendix D.

The meetings were held on the following dates:

- May 17, 2010 – Service Committee
- September 16, 2010 – Service Committee/Council OEPA Presentation
- October 4, 2010 – City Council
- February 7, 2011 – Service Committee
- November 21, 2011 – Service Committee
- January 17, 2012 – Service Committee
- February 6, 2012 –City Council
- February 20, 2012 – City Council
- August 6, 2012 – Service Committee

The City intends to conduct a Town Hall Meeting to present further information regarding the Long-Term Control Plan. The plan is consistent with the findings of the "*Wastewater Treatment Plant Bypass Elimination Feasibility Study"* from October of 2011 which was accepted by the City. Further public involvement is to consist of fact sheets and brochures containing information relative to the Long-Term Control Plan that will be available in the Municipal Building and will also be available for the Town Hall Meeting.

CONSIDERATION OF SENSITIVE AREAS

The Ohio EPA prepared a Biological and Water Quality Study of the Sandusky River and Selected Tributaries. The report (OEPA Technical Report EAS/2003-4-6) was published on May 21, 2003. In the report the section of the Sandusky River affected by the WWTP discharge is classified as Warm Water Habitat (WWH), a Primary Contact Recreation (PCR) water as well as an Agricultural Water Supply (AWS) and an Industrial Water Supply (IWS). According to the study the section of the Sandusky River at RM 83.47 which is located at CR 55 just south of Upper Sandusky and RM 78.09 located at CR 122 located just north of Upper Sandusky has a Full Attainment Status relative to aquatic life.

According to the report, extensive sludge deposits were observed downstream from the WWTP by the sampling personnel. Only one round of sampling was conducted through this section. Typically, two rounds are conducted. Due to this it could not be confirmed if the deposits were from a single event or an on-going issue. Based on the sampling upstream and downstream of the plant it does appear that the Sandusky River is impacted from the discharge from the WWTP.

Given the status of the Sandusky River and the fact that all of the CSO's within the system discharge to the river, all CSO's should receive equal priority relative to this criteria. As such, the priority for the elimination of CSO's shall be evaluated based on flows and pollutant loadings.

EVALUATION OF ALTERNATIVES

No Action

The City is required to develop CSO controls in order to abate the effects of CSOs from the collection and treatment system. Because of this requirement, the "no action" alternative was eliminated from consideration. The following alternatives were considered in the evaluation for the City of Upper Sandusky.

Maximize Flow to the Wastewater Plant

The plant is currently designed for an average flow of 3.0 MGD with design a peak flow of 10.0 MGD; additionally, there is a potential for short-term flows of 12.0 MGD. The new Wastewater Treatment Plant was completed in 2021 and is operating as intended. The new interceptor project discussed in the sewer separation section will also assist in achieving this goal.

Sewer Separation

Two models were analyzed in EPA SWMM. One model included the remaining CSOs, and the other model had the CSOs plugged off. After running simulations for 10-year and 100-year storms, it was determined that there was little to no difference on the effects of flooding within the collection system, whether due to heavy rain or I/I. In other words, flooding will occur within the collection system regardless of whether the CSOs are left in place. Completing sewer separations in these areas will significantly reduce the amount of storm flow in the system from rainfall and I/I, and at the treatment plant.

Sewer separation would be accomplished by constructing new sanitary sewers in the combined sewer areas. Constructing new sanitary sewers in these areas will significantly reduce infiltration into the system from these areas and will assist the City in identifying clean water connections as existing sewer laterals are connected to the new system. After switching sanitary connections to the new sanitary sewer, the existing combined sewers would be converted into storm sewers. This would result in storm water discharges directly into receiving streams but will eliminate discharge of combined sewage from the overflows which would be eliminated. Clean water connections from sump pumps, downspouts, etc. would not be permitted into the new sewer.

As part of the modeling, eight (8) areas, which affect the three CSOs, were identified for sewer separation projects. Based on the modeling these projects would accomplish the elimination of all three of these overflows. A description of these projects is listed below, and the locations are shown in Appendix E.

Sewer Separation Project 1 involves sewers located in the rear yards (between Glen Haven Drive and Green View Street) and Dolly Avenue (between Sunset Drive and Structure 1467). The Combined Sewer Overflow (CSO) that would be affected by this project is 052. The project would consist of the installation of approximately 1,805 feet of eight (8) inch sanitary sewer,

approximately 990 feet of six (6) inch sanitary sewer for approximately thirty-three (33) new house laterals, approximately 7 manholes, and other appurtenances. The estimated project cost for Project 1 is $1,400,000.

Sewer Separation Project 2 involves sewers located in the rear yards (between Glen Haven Drive and Sunset Drive), Sunset Drive (between Structure 1493 and 1495) and rear yards (From Sunset Drive to Structure 1480). The Combined Sewer Overflow (CSO) that would be affected by this project is 052. The project would consist of the installation of approximately 1,640 feet of eight (8) inch sanitary sewer, approximately 630 feet of six (6) inch sanitary sewer for approximately twenty one (21) new house laterals, approximately 7 manholes, and other appurtenances. The estimated project cost for Project 2 is $1,220,000.

Sewer Separation Project 3 involves sewers located in the rear yards (between Polaris Drive and Terrace Drive). The Combined Sewer Overflow (CSO) that would be affected by this project is 052. The project would consist of the installation of approximately 377 feet of eight (8) inch sanitary sewer, approximately 210 feet of six (6) inch sanitary sewer for approximately seven (7) new house laterals, approximately 3 manholes, and other appurtenances. The estimated project cost for Project 3 is $560,000.

Sewer Separation Project 4 involves sewers located in the rear yards (between Terrace Drive and Chestnut Drive). The Combined Sewer Overflow (CSO) that would be affected by this project is 052. The project would consist of the installation of approximately 579 feet of eight (8) inch sanitary sewer, approximately 330 feet of six (6) inch sanitary sewer for approximately eleven (11) new house laterals, approximately 3 manholes, and other appurtenances. The estimated project cost for Project 4 is $655,000.

Sewer Separation Project 5 involves sewers located in the rear yards (between Chestnut Drive and 8th Street). The Combined Sewer Overflow (CSO) that would be affected by this project is 052. The project would consist of the installation of approximately 577 feet of eight (8) inch sanitary sewer, approximately 330 feet of six (6) inch sanitary sewer for approximately eleven (11) new house laterals, approximately 3 manholes, and other appurtenances. The estimated project cost for Project 5 is $655,000.

Sewer Separation Project 6 involves sewers located on North 3rd Street (between East Bigelow Street and East Church Street). The Combined Sewer Overflow (CSO) that would be affected by this project is CSO 053. The project would consist of the installation of approximately 1,409 feet of eight (8) inch sanitary sewer, approximately 840 feet of six (6) inch sanitary sewer for approximately twenty eight (28) new house laterals, approximately 6 manholes, and other appurtenances. The estimated project cost for Project 6 is $1,160,000.

Sewer Separation Project 9 involves sewers located on North 4th Street (between East Walker Street and East Guthrie Street). The Combined Sewer Overflow (CSO) that would be affected by this project is CSO 055. The project would consist of the installation of approximately 1450 feet of eight (8) inch sanitary sewer, approximately 600 feet of six (6) inch sanitary sewer for approximately twenty (20) new house laterals, approximately 5 manholes, and other

appurtenances. The estimated project cost for Project 9 is $1,230,000.

Sewer Separation Project 10 involves the replacement of the pump station and sewer separation in the Shannon Hollow Area on the southeast part of the City. The Combined Sewer Overflow (CSO) that would be affected by this project is CSO 055. The project would consist of the installation of approximately 9620 feet of eight (8) inch sanitary sewer, approximately 4500 feet of six (6) inch sanitary sewer for approximately ninety (90) new house laterals, approximately 35 manholes, and other appurtenances. The estimated project cost for Project 10 is $3,500,000.

Sewer Separation Project 11 involves the construction of an interceptor sewer from the intersection of Warpole Street and Finley Street and diverts the flow from the southwest side of the system north to Houpt Drive and then directly into the manhole in front of the headworks at the WWTP bypassing CSO 052. This will help to relieve the bottleneck from when the trunk sewers from the east side of the system combine with the flow from the west side of the system. This system is currently under design and is already being funded by the Water and Wastewater Infrastructure Grant Program through the Ohio Department of Development. The estimated project cost for Project 11 is $7,800,000 but this cost is not included in the financial analysis or the required projects since it is already underway and completely funded.

A summary of the CSOs affected by the various sewer separation projects is shown in Table 3.

Table 3. **Sewer Separation Project Summary**

Project Number	CSO Affected	Downstream CSOs
1	052	
2	052	
3	052	
4	052	
5	052	
6	052	
9	055	053, 052
10	055	053, 052
11	052	

Inflow and Infiltration Reduction

The City of Upper Sandusky has completed several projects in an attempt to reduce I/I into the collection system. Since 2000, the City has rehabilitated over 336 manholes by installing chimney seals or manhole lining. In 2004 a City-wide smoke testing program was completed that identified 221 public locations and 242 private locations that needed addressed. The City has been addressing the public locations through its ongoing Capital Improvement Program. As of 2007 only 40 private locations still need further investigation.

The City purchased a new vactor and camera truck to assist them in cleaning, inspecting, and maintaining the collection system. The City has been begun a cleaning program and has been diligently working on cleaning its sewers. As work progresses and the City develops a grasp on the condition of the system and the time it takes to clean the sewers a schedule for regular cleaning can be developed. Along with the schedule documentation can also be prepared for repairs and maintenance that is needed.

Storage And Flow Equalization Within The Collection System

This alternative would include the construction of storage tanks/basins and flow equalization within the collection system. The storage tank/basins would remain empty during normal flow conditions, but they would provide a place for the additional flow during a storm event to be stored and released at a rate that is less than the capacity of the existing sewer collection system. Due to the physical constraints and the size of the storage tanks/basins that would be needed, this option is not economically feasible.

High-Rate Filtration

This alternative would include the replacement of the raw bypass pump station and the installation of a high-rate filtration system (WWETCO FlexFilterTM or similar) at the plant to provide some treatment to excess flows before discharging to the Sandusky River.

The WWETCO FlexFilterTM is a gravity system that uses a synthetic compressible media in a high-rate filtration process and requires no moving parts. The system works because the influent liquid applies a hydrostatic force to the compression bladder causing the media to compress. The tapered compressions allow for the bottom media to be more densely compressed than the media at the top. As the liquid flows into the media, the larger particles are trapped in the upper portions of the filter while the smaller particles are captured in the lower portions of the media. The difference in the media density allows for a more effective use of the entire media bed and allows for a higher mass load to the filter prior to backwash. As the filter bed becomes plugged, the influent level increases and signals the need for a backwash cycle. For the backwash, the feed to the filter cell is stopped, which allows the media to uncompress. The air scour is initiated along with a small amount of backwash water. Once the backwash cycle is completed, the filter cell is put back into service. The benefits of this type of filter are that it can be applied for a number of uses or combined uses, the passive design does not require special attention or chemicals, there are no moving parts, low backwash requirements, no ramp up time, high loading rates, minimal backwash, and it is simple yet effective. This process is relatively new and would require review by the OEPA prior to design to ensure that the OEPA feels comfortable that the filters can provide sufficient reduction in the contaminants.

There are two options for disinfection, Chlorine or Ultraviolet (UV) Disinfection. Chlorine disinfection would require a contact basin in which the liquid could remain in contact with the Chlorine for 5 to 10 minutes depending upon the level of disinfection needed. UV disinfection on the other hand, allows the liquid to keep moving and will not require the use of chemicals.

A preliminary design of a UV disinfection system indicates that the system could be contained in one concrete channel that is 23 inches (1.92 ft) wide and 414 inches (34.50 ft) long. The UV lights would be contained in two (2) groups of four banks with each bank consisting of 7 UV lights for a total of fifty-six (56) bulbs in the system. Along with the other required appurtenances, the system has a mechanical automatic in place cleaning system so that the operators will not need to remove the lamp racks for manual cleaning and no chemicals will be needed.

Along with this option, the trunk line into the proposed station would need to be increased so that it has a large enough capacity to handle the high flows. Disinfection at the discharge of the high-rate filter would also be required. Additional and/or new biosolids handling facilities would be needed due to the fact that excess flows would be treated as opposed to being bypassed. During dry weather flows, the high-rate filter could be utilized as tertiary treatment. The resulting modifications would provide treatment for flow coming into the plant however surcharging would result in the system which would contribute to sewer backups and water in basements. As a result, this option alone would not be a viable solution based on the modeling results.

Storage Basin And Treatment

This alternative would include the replacement of the raw bypass pump station and the installation of a storage basin near the plant. Additional and/or new biosolids handling facilities would be needed due to the fact that excess flows would be treated as opposed to being bypassed. Excess flows beyond the plant capacity would be diverted to the storage basin for treatment when the flow subsides. Along with this option, the trunk line into the proposed station would need to be increased so that it has a large enough capacity to handle the high flows. The location of the new raw pump station and piping would be such that it could still be used if a new wastewater treatment plant is built in the future. One downfall with this option is that in order to address other combined sewer overflows within the system, sewer separations will be needed. As these separations are completed, they should alleviate some of the flows at the plant and ultimately the storage basin may be extremely oversized.

Based on the largest measured volume during flow monitoring a preliminary size of the storage basin would occupy approximately two (2) acres of land if the storage basin has a twenty (20) foot sidewater depth. Other improvements that would be needed with the storage basin would be aeration, odor control, piping, pumping, and valving.

COST ANALYSIS

Project costs were estimated for each of the options discussed in the evaluation. These costs are listed in Table 3. Due to the fact that multiple alternatives need to be utilized to accomplish CSO elimination the total project cost will be the combination of the alternatives that the City wishes to pursue. All of the options must include sewer separations in order to accomplish the goal of eliminating CSOs.

Table 4. **Project Cost Comparison**	
Description	**Estimated Cost**
Sewer Separation	$10,380,000
Storage and Flow Equalization within the Collection System	N / A
High-Rate Filtration	$10,000,000
Storage Basin and Treatment	$16,000,000

The City wishes to pursue a combination of sewer separation and I/I reduction in a continuing effort to reduce unwanted flows to the plant. This will address issues within the collection system, allow for the elimination of CSOs, and provide additional treatment capacity at the plant.

RECOMMENDED PLAN

The recommended plan is to systematically complete sewer separations while monitoring CSOs and flows at the wastewater treatment plant. To determine the ranking for each of the proposed sewer separation projects, the estimated construction cost and the overflow volume removed for a ten (10) year storm was utilized to determine the cost per gallon removed. The projects were then ranked from the lowest cost per gallon to the highest as shown in Table 5 Sewer Separation Project Ranking. **Upon completion of the proposed interceptor sewer project, if it is observed that any of the remaining CSOs no longer discharge during wet weather events, the separation projects associated with a given CSO may no longer be necessary. Those determinations will be made after the completion of the interceptor sewer (Project 11). This would be accomplished initially by observations of the number and volume of combined sewer overflows. If the overflows are significantly reduced following the project, a detailed flow monitoring and hydraulic modeling study would be conducted to support a revision to the LTCP to remove additional projects. The model and revised LTCP would be submitted to Ohio EPA review and approval.**

Table 5. **Sewer Separation Project Ranking**

Project Ranking	Project	Estimated Construction Cost	Overflow Volume Removed (gallons)	Cost per Gallon Removed
1	Proposed Separation Project 6	$1,160,000	192,714	$6.02
2	Proposed Project 10	$3,500,000	550,000	$6.37
3	Proposed Separation Project 1	$1,400,000	133,818	$10.46
4	Proposed Separation Project 4	$655,000	50,217	$13.04
5	Proposed Separation Project 9	$1,230,000	77,144	$15.94
6	Proposed Separation Project 5	$655,000	36,834	$17.78
7	Proposed Separation Project 2	$1,220,000	57,365	$21.27

IMPLEMENTATION SCHEDULE

In order to establish an implementation schedule, a Financial Capability Assessment was completed for the chosen alternative. The City's Matrix Score is a Medium Burden. Given this score, a 10-year implementation plan is being proposed. Spacing the projects over this time frame will allow for funding to be spread out as well. This will allow the City to increase rates gradually on an annual basis as opposed to several large increases that would be needed if the entire amount had to be financed at one time.

The sewer separation projects were ranked based on the estimated project cost per gallon of overflow removal accomplished by the project. Based on the rankings a proposed timeline for the sewer separation projects and the elimination of the CSO's was developed and is presented in Table 6. A copy of the Financial Capability Assessment can be found in Appendix F.

Table 6. **Proposed Timeline for the Proposed Sewer Separation Projects**		
Year	**Project Description**	**Estimated Project Cost**
1	Proposed Sewer Separation Project 11*	$7,800,000*
2-3	Proposed Sewer Separation Project 3 & 6	$1,720,000
4	Proposed Sewer Separation Projects 1	$1,400,000
5-6	Proposed Sewer Separation Project 4 & 10	$4,155,000
7-9	Proposed Sewer Separation Project 9 & 5	$1,885,000
10	Proposed Sewer Separation Projects 2	$1,220,000

*Project 11 is already accounted for regarding funding.

Note: Timelines are based on completing design in the prior year to allow bidding to take place in late fall/early winter for construction to begin in the spring of the year of construction.

The ability to obtain funding will be critical in the City's ability to implement the Long-Term Control Plan. The various alternatives for funding may be available and will be investigated. These sources include USDA/RD, OWDA, OPWC and CDBG. USDA/RD will be the initial primary source that will be consulted regarding the availability of funding. The affordability threshold for sewer rates based on USDA/RD requirements for the City of Upper Sandusky is approximately $44 per month. The current rates are approximately half of the affordability threshold.

The City received funding for the WWTP project by means of a Water Pollution Control Loan fund through OWDA. Additional funding may be available for other projects as well.

Project 11 is currently under design and is already being fully funded by the Water and Wastewater Infrastructure Grant Program through the Ohio Department of Development so it was not included in the overall financial analysis.

Funding through the USDA/RD Program is in the form of a loan and grant for small communities for the use in construction of wastewater facilities. The grant to loan ratio is defined by the median household income (MHI). Loans are typically over a forty (40) year period with an annual interest rate depending on the MHI. Based upon 2025 Census, the MHI for Upper Sandusky is $72,379.

The US EPA provides grant funds to states, tribes, inter-tribal consortia, territories, state universities and multi-jurisdictional organizations through the State and Tribal Grants (STAG) program. STAG Grant funds are used to build and enhance the capacity of states and tribes to carry out compliance assurance activities within their respective jurisdictions. The projects selected cover a wide range of activities that have and will continue to enable states and tribes to demonstrate compliance assurance and enforcement outcomes from their activities while serving as models for other states and tribes.

The primary statutory objective of the CDBG program is to develop viable communities by providing decent housing and a suitable living environment and by expanding economic opportunities, principally for persons of low- and moderate-income. Communities receiving CDBG funds from the State may use the funds for many kinds of community development activities including, but not limited to: acquisition of property for public purposes; construction or reconstruction of streets, water and sewer facilities, neighborhood centers, recreation facilities, and other public works; demolition; rehabilitation of public and private buildings; public services; planning activities; assistance to nonprofit entities for community development activities; and assistance to private, for profit entities to carry out economic development activities. The City should be able to secure $500,000 for the projects. Of the funds secured, $490,000 can be used for construction while the remaining $10,000 can be used for administration.

OPERATIONAL PLAN

The City of Upper Sandusky has had a Combined Sewer System Operational Plan in place since 1997. The plan identified twelve recommendations to increase efficiency for maintaining the system and to minimize and/or eliminate CSO discharges. The recommendations included developing and maintaining access to existing overflow facilities, periodically monitoring the overflows during dry weather, eliminating inflow sources, developing an up-to-date sewer map and completing system improvements to reduce or eliminate overflows. By following the recommendations in the plan, the City has been systematically identifying issues within the system and has been continuously making improvements.

The recommendations in the report were intended to assist the City in implementing the nine minimum controls for CSO's. These controls are as follows:

1. Proper operation and regular maintenance programs for the sewer system and CSO outfalls.

2. Maximum use of the collection system for storage.

3. Review and modification of pretreatment requirements to ensure that CSO impacts are minimized.

4. Maximization of flow to the POTW for treatment.

5. Elimination of CSOs during dry weather.

6. Control of solid and floatable materials in CSOs.

7. Pollution prevention programs to reduce contaminants in CSOs.

8. Public notification to ensure that the public receives adequate notification of CSO occurrences and CSO impacts.

9. Monitoring to effectively characterize CSO impacts and the efficacy of CSO controls.

The implementation of the nine minimum controls is discussed in the following sections.

Proper Operation and Regular Maintenance

Proper operation and regular maintenance of the collection system ensures that the system is being utilized at its fullest capacity. The City's street department had been completing maintenance activities up until recently. The City has established a collection system supervisor position to lead up the operation and maintenance activities. Since the establishment of this position the City has been conducting regular sewer cleaning and inspections. The inspections include the lift stations throughout the City. In addition, maintenance activities are conducted on an as needed

basis and forms have been developed to accurately track maintenance activities and complaints to assist in identifying problem areas within the collection system.

Maximum Use of the Collection System for Storage

The existing system contains weirs in locations where overflows are located. Based on research into historical documents it appears these weirs were placed in the system sometime prior to the preparation of the Combined Sewer System Operational Plan. These weirs regulate the overflows by diverting dry weather flow to the plant to prevent dry weather overflows and by maximizing the volume contained within the system during wet weather flows.

Review and Modification of Pretreatment Requirements to Ensure That CSO Impacts Are Minimized

The City maintains a record of all major industries that discharge to the collection system. The City offers industries advice and direction on how to discharge wastes to the system as well as what may be discharged.

Maximization of Flow to the POTW for Treatment

With the construction of the new Wastewater Treatment Plant in 2021, flows have been maximized with a higher capacity at the plant. The new interceptor sewer project will also assist in maximizing flow to the POTW.

Elimination of CSOs during Dry Weather

The treatment plant has adequate capacity to treat dry weather flows. The installation of the weirs at the overflow locations allows for the dry weather flows to be diverted to the plant instead of allowing overflows during peak dry weather flows as would potentially occur without the weirs.

Control of Solid and Floatable Materials in CSOs

Sewer cleaning activities assist in removing solids and potential floatable materials that could potentially be discharged during overflow events. The installation of the weirs at the overflow locations also help to divert the first flush solids and floatables to the plant prior to reaching overflow elevations.

Pollution Prevention Programs to Reduce Contaminants in CSOs

In addition to sewer cleaning and catch basin cleaning, the City enacted a street sweeping program and a litter control program as referenced in the Combined Sewer System Operational Plan. The cleaning programs remove solids, debris, and grit from the sewer system while the street sweeping and litter control programs minimize the amount of grit and debris that enter the collection system.

Public Notification to Ensure That the Public Receives Adequate Notification of CSO Occurrences and CSO Impacts

The City's Service Committee meets twice a month and receives regular updates regarding activities and events both at the plant and within the collection system. These meetings are all open to the public and typically have media coverage.

Monitoring to Effectively Characterize CSO Impacts and the Efficacy of CSO Controls

Before the elimination of the plant bypass, the volume was monitored by utilizing a flow meter that was installed and left in place following the Wastewater Treatment Plant Bypass Elimination Feasibility Study. In addition, grab samples of the bypassed sewage were also taken per NPDES requirements. Two other overflow locations also had flow meters installed during the preparation of the feasibility study. In addition, City personnel check as many locations as possible during wet weather events to help monitor when overflow events occur.

POST CONSTRUCTION MONITORING PROGRAM

Post construction monitoring is a critical component for all projects completed within the collection system and the plant. The primary objective of the Long-Term Control Plan is to eliminate overflows and bypasses by:

1. Separating sewers to remove large volumes of storm water from the system.

2. Systematically removing sources of inflow and infiltration identified in the on-going cleaning, inspection, and maintenance program.

As projects are completed the overflows should be monitored for a period of at least five (5) years to determine if the overflow can be plugged or removed. These years must have adequate rainfall to make a proper determination as to whether or not the overflows can be eliminated. It is critical that records be kept providing documentation that adequate monitoring is taking place as well as whether or not the overflows have been eliminated. The following is what is proposed for each of the remaining three CSO outfalls:

1. The outfall at CSO 052 will be plugged upon completion of the monitoring period.
2. The outfall at CSO 053 will remain as a storm outfall. The overflow location in regulator 5818 will be plugged.
3. The outfall at CSO 055 will remain as a storm outfall. The overflow location in regulator 5860 will be plugged.

A formal Post-Construction Monitoring Plan will be submitted 12 months prior to the completion of the final construction project.

APPENDIX A
City of Upper Sandusky NPDES Permit No. 2PD00039*QD

Ohio Environmental Protection Agency
Modification of National Pollutant Discharge
Elimination System (NPDES) Permit

Action Date: August 25, 2022 Existing Permit No.: 2PD00039*QD

Effective Date: November 1, 2022 Application No.: OH0020001

Entity Name: City of Upper Sandusky

Facility Location: 155 Indian Mill Road, Upper Sandusky, Ohio, Wyandot County

In accordance with Rule 3745-33-04 (D) of the Ohio Administrative Code (formerly Ohio EPA Regulation EP-31-06), the above referenced NPDES Permit is hereby modified as follows:

Revisions:

Page	
12	Part I, C - Schedule of Compliance. The due date for the LTCP was backed up from December 31, 2021, to July 1, 2023.
12	In Part 1, C. Schedule of Compliance, revised the schedule and noted the completed items.

Attached is the modified NPDES permit.

All terms and conditions of the existing permit not recommended for modification by this document will remain in effect. Any modified term or condition contained in this modification shall supersede, on the date this modification is effective, the existing respective term or condition of the permit.

When the modification is effective, the Ohio EPA permit number will be changed to 2PD00039*RD. The application number will remain OH0020001.

Laurie A. Stevenson
Director

Ohio Permit Number: 2PD00039*RD
Application No. OH0020001

Modification Action Date: August 25, 2022
Modification Effective Date: November 1, 2022
Expiration Date: April 30, 2026

Ohio Environmental Protection Agency
Authorization to Discharge Under the
National Pollutant Discharge Elimination System

In compliance with the provisions of the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251 et. seq., hereinafter referred to as the "Act"), and the Ohio Water Pollution Control Act (Ohio Revised Code Section 6111),

City of Upper Sandusky

is authorized by the Ohio Environmental Protection Agency, hereinafter referred to as "Ohio EPA," to discharge from the Upper Sandusky WWTP located at 155 Indian Mill Road, Upper Sandusky, Ohio, Wyandot County and discharging to the Sandusky River in accordance with the conditions specified in Parts I, II, and III of this permit.

This permit is conditioned upon payment of applicable fees as required by Section 3745.11 of the Ohio Revised Code.

This permit and the authorization to discharge shall expire at midnight on the expiration date shown above. In order to receive authorization to discharge beyond the above date of expiration, the permittee shall submit such information and forms as are required by the Ohio EPA no later than 180 days prior to the above date of expiration.

Laurie A. Stevenson
Director

Total Pages: 43

Part I, A. - FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning on the effective date of the permit and lasting until the expiration date, the permittee is authorized to discharge in accordance with the following limitations and monitoring requirements from the following outfall: 2PD00039001. See Part II, OTHER REQUIREMENTS, for locations of effluent sampling.

Table - Final Outfall - 001 - Final

Effluent Characteristic	Discharge Limitations							Monitoring Requirements		
	Concentration Specified Units				Loading* kg/day					
Parameter	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly	Measuring Frequency	Sampling Type	Monitoring Months
00010 - Water Temperature - C	-	-	-	-	-	-	-	1/Day	Maximum Indicating Thermometer	All
00045 - Total Precipitation - Inches	-	-	-	-	-	-	-	1/Day	24hr Total	All
00300 - Dissolved Oxygen - mg/l	-	6.0	-	-	-	-	-	1/Day	Multiple Grab	All
00530 - Total Suspended Solids - mg/l	-	-	18	12	-	137	91	3/Week	24hr Composite	All
00552 - Oil and Grease, Hexane Extr Method - mg/l	10	-	-	-	-	-	-	1/Month	Grab	All
00610 - Nitrogen, Ammonia (NH3) - mg/l	-	-	1.5	1.0	-	11.4	7.6	3/Week	24hr Composite	Summer
00610 - Nitrogen, Ammonia (NH3) - mg/l	-	-	4.5	3.0	-	34.1	22.8	3/Week	24hr Composite	Winter
00625 - Nitrogen Kjeldahl, Total - mg/l	-	-	-	-	-	-	-	1/Month	24hr Composite	All
00630 - Nitrite Plus Nitrate, Total - mg/l	-	-	-	-	-	-	-	1/Month	24hr Composite	All
00665 - Phosphorus, Total (P) - mg/l	-	-	1.1	0.7	-	8.3	5.3	1/Week	24hr Composite	All
00671 - Orthophosphate, Dissolved (as P) - mg/l	-	-	-	-	-	-	-	1/Month	Grab	All
00981 - Selenium, Total Recoverable - ug/l	-	-	-	-	-	-	-	1/Month	24hr Composite	All
01009 - Barium, Total Recoverable - ug/l	-	-	-	-	-	-	-	1/Quarter	24hr Composite	Quarterly
01074 - Nickel, Total Recoverable - ug/l	-	-	-	-	-	-	-	1/Quarter	24hr Composite	Quarterly
01094 - Zinc, Total Recoverable - ug/l	-	-	-	-	-	-	-	1/Quarter	24hr Composite	Quarterly

01113 - Cadmium, Total Recoverable - ug/l	-	-	-	-	-	-	-	1/Quarter	24hr Composite	Quarterly
01114 - Lead, Total Recoverable - ug/l	-	-	-	-	-	-	-	1/Quarter	24hr Composite	Quarterly
01118 - Chromium, Total Recoverable - ug/l	-	-	-	-	-	-	-	1/Quarter	24hr Composite	Quarterly
01119 - Copper, Total Recoverable - ug/l	-	-	-	-	-	-	-	1/Quarter	24hr Composite	Quarterly
01220 - Chromium, Dissolved Hexavalent - ug/l	-	-	-	-	-	-	-	1/Quarter	Grab	Quarterly
31648 - E. coli - #/100 ml	-	-	284	126	-	-	-	3/Week	Grab	Summer
34413 - Methyl Bromide - ug/l	-	-	-	-	-	-	-	1/Month	Composite	All
39100 - Bis(2-ethylhexyl) Phthalate - ug/l	-	-	-	-	-	-	-	1/Quarter	Composite	Quarterly
50050 - Flow Rate - MGD	-	-	-	-	-	-	-	1/Day	Continuous	All
50092 - Mercury, Total (Low Level) - ng/l	1700	-	-	4.32	0.0129	-	0.000033	1/Month	Grab	All
51173 - Cyanide, Free (Low-Level) - ug/l	-	-	-	-	-	-	-	1/Quarter	Grab	Quarterly
61425 - Acute Toxicity, Ceriodaphnia dubia - TUa	1.0	-	-	-	-	-	-	1/Year	24hr Composite	August
61426 - Chronic Toxicity, Ceriodaphnia dubia - TUc	-	-	-	1.13	-	-	-	1/Year	24hr Composite	August
61427 - Acute Toxicity, Pimephales promelas - TUa	1.0	-	-	-	-	-	-	1/Year	24hr Composite	August
61428 - Chronic Toxicity, Pimephales promelas - TUc	-	-	-	1.13	-	-	-	1/Year	24hr Composite	August
61941 - pH, Maximum - S.U.	9.0	-	-	-	-	-	-	1/Day	Multiple Grab	All
61942 - pH, Minimum - S.U.	-	6.5	-	-	-	-	-	1/Day	Multiple Grab	All
70300 - Residue, Total Filterable - mg/l	-	-	-	-	-	-	-	1 / 2 Weeks	24hr Composite	All
80082 - CBOD 5 day - mg/l	-	-	15	10	-	114	75.7	3/Week	24hr Composite	All

Notes for station 2PD00039001:

* Effluent loadings based on average design flow of 2.0 MGD.
a. Mercury - See Part II, Items S, Y and Z.
b. Free cyanide - See Part II, Items X.
c. Methyl Bromide - See Part II, Item O.
d. Bis(2-ethylhexyl) Phthalate - See Part II, Item CC.

e. Whole Effluent Toxicity - See Part II, Item EE.
f. Dissolved Orthophosphate - See Part II, Item DD.

Part I, B. - BYPASS MONITORING LIMITATIONS AND MONITORING REQUIREMENTS

1. Bypass Monitoring. During the period beginning on the effective date of the permit and lasting until the expiration date, the permittee shall monitor the treatment plant's bypass when discharging, at Station Number 2PD00039051, and report to the Ohio EPA in accordance with the following table. See Part II, OTHER REQUIREMENTS, for location of sampling.

Table - Bypass Monitoring - 051 - Final

Effluent Characteristic	Discharge Limitations							Monitoring Requirements		
	Concentration Specified Units				Loading* kg/day					
Parameter	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly	Measuring Frequency	Sampling Type	Monitoring Months
00051 - Bypass Occurrence - No./Day	-	-	-	-	-	-	-	When Disch.	24hr Total	All
00052 - Bypass Total Hours Per Day - Hrs/Day	-	-	-	-	-	-	-	When Disch.	24hr Total	All
00530 - Total Suspended Solids - mg/l	-	-	-	-	-	-	-	When Disch.	Grab	All
51428 - Bypass Volume - MGAL	-	-	-	-	-	-	-	When Disch.	24hr Total	All
80082 - CBOD 5 day - mg/l	-	-	-	-	-	-	-	When Disch.	Grab	All

Notes for Station Number 2PD00039051:

a. Data for 24-hour total flow, bypass occurrence, and bypass duration may be estimated if a measuring device is not available.
b. A Discharge Monitoring Report (DMR) for this station must be submitted every month.
c. Monitoring and sampling shall be conducted and reported on each day that there is a discharge through this station.
d. If there are no discharges during the entire month, select the "No Discharge" check box on the data entry form and PIN the eDMR.
e. Bypass Occurrence: If a discharge from this station occurs intermittently during a day, starting and stopping several times, report "1" for that day. If a discharge from this station occurs on more than one day but is the result of a continuing precipitation event, it should be counted as one occurrence: Report "1" on the first day of the discharge.
f. Discharge through this station is prohibited. The Director may take enforcement action for violations of this prohibition unless the three conditions specified at 40 CFR 122.41(m) and in Part III, Item 11.C.1 of this permit are met.

Part I, B. - CSO MONITORING LIMITATIONS AND MONITORING REQUIREMENTS

2. CSO Monitoring. During the period beginning on the effective date of the permit and lasting until the expiration date, the permittee shall monitor at Station Numbers 2PD00039052, 2PD00039053, 2PD00039055, 2PD00039058, and 2PD00039059, and report to the Ohio EPA in accordance with the following table. See Part II, OTHER REQUIREMENTS, for location of sludge sampling.

Table - CSO Monitoring - 052 - Final

Effluent Characteristic	Discharge Limitations							Monitoring Requirements		
	Concentration Specified Units				Loading* kg/day					
Parameter	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly	Measuring Frequency	Sampling Type	Monitoring Months
74062 - Overflow Occurrence - No./Month	-	-	-	-	-	-	-	When Disch.	Total	All
74063 - Overflow Volume - Million Gallons	-	-	-	-	-	-	-	When Disch.	Total	All

NOTES for Station Numbers 2PD00039052, 2PD00039053, 2PD00039055, 2PD00039058, and 2PD00039059:

a. Subject to the terms and conditions of this permit, including the General Effluent Limitations in Part III, Item 2, the permittee is authorized to discharge from this station only during wet weather periods when the flow in the sewer system exceeds the capacity of the sewer system.
b. A Discharge Monitoring Report (DMR) for this station must be submitted every month.
c. If this station is not monitored during a particular month: (1) Leave the data area blank; (2) Enter "Monitoring not required" in the Remarks section; and (3) PIN the eDMR.
d. If this station is monitored during a particular month and there are no discharges during the entire month, select the "No Discharge" check box on the data entry form and PIN the eDMR.
e. Data for Overflow Occurrence and Overflow Volume may be estimated if a measuring device is not available.
f. Overflow Occurrences: If an overflow from any of the regulators upstream of the station (as listed in Part II, Item D) occurs intermittently during a day, starting and stopping several times, count "1" occurrence for that day. If a discharge from this station occurs on more than one day but is the result of a continuing precipitation event, it should be counted as one occurrence. Report total occurrences for the month on Day 1 of the DMR.
g. Overflow Volume shall be reported on each day there is an overflow at any of the regulators upstream of the station, as listed in Part II, Item

Part I, B. - SSO MONITORING EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

3. SSO Monitoring. During the period beginning on the effective date of the permit and lasting until the expiration date, the permittee shall monitor at Station Number 2PD00039300, and report to the Ohio EPA in accordance with the following table. See Part II, OTHER REQUIREMENTS, for location of sampling.

Table - SSO Monitoring - 300 - Final

Effluent Characteristic	Discharge Limitations							Monitoring Requirements		
	Concentration Specified Units				Loading* kg/day					
Parameter	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly	Measuring Frequency	Sampling Type	Monitoring Months
74062 - Overflow Occurrence - No./Month	-	-	-	-	-	-	-	1/Month	Total	All

NOTES for Station Number 2PD00039300:

a. A sanitary sewer overflow is an overflow, spill, release, or diversion of wastewater from a sanitary sewer system. Although the above table indicates that the Measuring Frequency for Overflow Occurrence is 1/Month, the intent of that provision is to specify a reporting frequency for Overflow Occurrence, not a monitoring frequency. The monitoring requirement under this permit is that these overflows shall be monitored on each day when they discharge. Only sanitary sewer overflows that enter waters of the state, either directly or through a storm sewer or other conveyance, must be reported under this monitoring station.
b. or the purpose of counting occurrences, each location on the sanitary sewer system where there is an overflow, spill, release, or diversion of wastewater on a given day that enters waters of the state is counted as one occurrence. For example, if on a given day overflows occur from a manhole at one location and from a damaged pipe at another location and they both enter waters of the state, record two occurrences for that day. If overflows from both locations continue on the following day, record two occurrences for the following day. At the end of the month, total the daily occurrences and report this number on Day 1 of the DMR. If there are no overflows during the entire month, report "zero" (0).
c. All sanitary sewer overflows are prohibited.
d. See Part II, H & I.

Part I, B. - SLUDGE MONITORING REQUIREMENTS

4. Sludge Monitoring. During the period beginning on the effective date of the permit and lasting until the expiration date, the permittee shall monitor the treatment works' final sludge at Station Number 2PD00039586, and report to the Ohio EPA in accordance with the following table. See Part II, OTHER REQUIREMENTS, for location of sludge sampling.

Table - Sludge Monitoring - 586 - Final

Effluent Characteristic	Discharge Limitations							Monitoring Requirements		
	Concentration Specified Units				Loading* kg/day					
Parameter	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly	Measuring Frequency	Sampling Type	Monitoring Months
51129 - Sludge Fee Weight - dry tons	-	-	-	-	-	-	-	1/Year	Total	December

NOTES for Station Number 2PD00039586:

a. Monitoring is required when sewage sludge is removed from the permittee's facility for disposal in a mixed solid waste landfill. The total Sludge Fee Weight of sewage sludge disposed of in a mixed solid waste landfill for the entire year shall be reported on the December Discharge Monitoring Report (DMR).

b. If no sewage sludge is removed from the Permittee's facility for disposal in a mixed solid waste landfill during the year, select the "No Discharge" check box on the data entry form and PIN the eDMR.

c. Sludge fee weight means sludge weight, in dry U.S. tons, excluding any admixtures such as liming material or bulking agents.

d. See Part II, Item U.

Part I, B. - INFLUENT MONITORING REQUIREMENTS

5. Influent Monitoring. During the period beginning on the effective date of the permit and lasting until the expiration date, the permittee shall monitor the treatment works' influent wastewater at Station Number 2PD00039601, and report to the Ohio EPA in accordance with the following table. Samples of influent used for determination of net values or percent removal must be taken the same day as those samples of effluent used for that determination. See Part II, OTHER REQUIREMENTS, for location of influent sampling.

Table - Influent Monitoring - 601 - Final

Effluent Characteristic	Discharge Limitations							Monitoring Requirements		
	Concentration Specified Units				Loading* kg/day					
Parameter	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly	Measuring Frequency	Sampling Type	Monitoring Months
00530 - Total Suspended Solids - mg/l	-	-	-	-	-	-	-	3/Week	24hr Composite	All
50092 - Mercury, Total (Low Level) - ng/l	-	-	-	-	-	-	-	1/Month	Grab	All
61941 - pH, Maximum - S.U.	-	-	-	-	-	-	-	1/Day	Multiple Grab	All
61942 - pH, Minimum - S.U.	-	-	-	-	-	-	-	1/Day	Multiple Grab	All
80082 - CBOD 5 day - mg/l	-	-	-	-	-	-	-	3/Week	24hr Composite	All

NOTES for Station Number 2PD00039601:

a. Mercury - See Part II, Items T and Z.
b. See Part II, Item R

Part I, B. - UPSTREAM MONITORING REQUIREMENTS

6. Upstream Monitoring. During the period beginning on the effective date of the permit and lasting until the expiration date, the permittee shall monitor the receiving stream, upstream of the point of discharge at Station Number 2PD00039801, and report to the Ohio EPA in accordance with the following table. See Part II, OTHER REQUIREMENTS, for location of sampling.

Table - Upstream Monitoring - 801 - Final

Effluent Characteristic	Discharge Limitations							Monitoring Requirements		
	Concentration Specified Units				Loading* kg/day					
Parameter	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly	Measuring Frequency	Sampling Type	Monitoring Months
00610 - Nitrogen, Ammonia (NH3) - mg/l	-	-	-	-	-	-	-	1/Month	Grab	All
00625 - Nitrogen Kjeldahl, Total - mg/l	-	-	-	-	-	-	-	1/Month	Grab	All
00630 - Nitrite Plus Nitrate, Total - mg/l	-	-	-	-	-	-	-	1/Month	Grab	All
00665 - Phosphorus, Total (P) - mg/l	-	-	-	-	-	-	-	1/Month	Grab	All
31648 - E. coli - #/100 ml	-	-	-	-	-	-	-	1 / 2 Weeks	Grab	June - Aug
61432 - 48-Hr. Acute Toxicity Ceriodaphnia dubia - % Affected	-	-	-	-	-	-	-	1/Year	Grab	August
61435 - 96-Hr. Acute Toxicity Pimephales promela - % Affected	-	-	-	-	-	-	-	1/Year	Grab	August
61438 - 7-Day Chronic Toxicity Ceriodaphnia dubia - % Affected	-	-	-	-	-	-	-	1/Year	Grab	August
61441 - 7-Day Chronic Toxicity Pimephales promelas - % Affected	-	-	-	-	-	-	-	1/Year	Grab	August

NOTES for Station Number 2PD00039801:

a. Whole Effluent Toxicity - See Part II, Item EE.
b. See Part II, Item R

Part I, B. - DOWNSTREAM-FARFIELD MONITORING REQUIREMENTS

7. Downstream-Farfield Monitoring. During the period beginning on the effective date of the permit and lasting until the expiration date, the permittee shall monitor the receiving stream, downstream of the point of discharge, at Station Number 2PD00039901, and report to the Ohio EPA in accordance with the following table. See Part II, OTHER REQUIREMENTS, for location of sampling.

Table - Downstream-Farfield Monitoring - 901 - Final

Effluent Characteristic	Discharge Limitations							Monitoring Requirements		
	Concentration Specified Units				Loading* kg/day					
Parameter	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly	Measuring Frequency	Sampling Type	Monitoring Months
00010 - Water Temperature - C	-	-	-	-	-	-	-	1/Month	Grab	All
00400 - pH - S.U.	-	-	-	-	-	-	-	1/Month	Grab	All
00610 - Nitrogen, Ammonia (NH3) - mg/l	-	-	-	-	-	-	-	1/Month	Grab	All
00625 - Nitrogen Kjeldahl, Total - mg/l	-	-	-	-	-	-	-	1/Month	Grab	All
00630 - Nitrite Plus Nitrate, Total - mg/l	-	-	-	-	-	-	-	1/Month	Grab	All
00665 - Phosphorus, Total (P) - mg/l	-	-	-	-	-	-	-	1/Month	Grab	All
00900 - Hardness, Total (CaCO3) - mg/l	-	-	-	-	-	-	-	1/Month	Grab	All
31648 - E. coli - #/100 ml	-	-	-	-	-	-	-	1 / 2 Weeks	Grab	June - Aug

NOTES for Station Number 2PD00039901:

a. See Part II, Item R

Part I, C - Schedule of Compliance

1. Collection System and Wastewater Treatment Plant Improvements

a. Wastewater treatment plant (WWTP) improvements and bypass Elimination

The permittee shall complete WWTP improvements and eliminate the raw bypass as expeditiously as possible but not later than the dates included in the following schedule:

i. Complete construction as soon as possible, but not later than December 31, 2020. (event Code 04599) Completed

ii. The permittee shall complete all work necessary to eliminate the raw bypass at the conclusion of Schedule of Compliance Item 1.a.i.

iii. The permittee shall notify Ohio EPA Northwest District Office within 7 days of completing construction and all work necessary to eliminate the raw bypass.

Municipal Construction Schedule

iv. Attain operational level of the treatment works and meet final effluent limitations as soon as possible, but not later than April 1, 2021. (Event Code 05599) Completed

v. Notify the Ohio EPA Northwest District Office within seven days of attaining operational level.

b. Long-Term Control Plan

The permittee shall develop and submit for approval, a Combined Sewer Overflow Long-Term Control Plan ("LTCP") to the Ohio EPA's Northwest District Office and Central Office by no later than July 1, 2023. The goal of the LTCP is to minimize the discharge of pollutants from the collection system and wastewater treatment plant. (Event Code 91299)

The LTCP shall include, but not be limited to, the following:

i. Characterization:

The Permittee shall adequately characterize, through monitoring, modeling and other means as appropriate, for a range of storm events, the response of its storm sewer, sanitary sewer and combined sewer system to wet weather events, including the number, location and frequency of sewage overflows, CSOs and CSO outfalls, and volume, concentration and mass of pollutants discharged. To achieve this characterization, the Permittee shall develop and utilize a hydraulic model for its sewer system, which will include storm sewers, sanitary sewers, CSOs, CSO outfalls, and the actual and potential hydraulic capacities of its WWTP. The hydraulic model shall be developed through televising, physical or remote inspections, smoke or dye testing, etc. to identify pipes into and out of the sewer to accurately identify any cross connections between storm and sanitary sewers.

The characterization model shall be used to evaluate various control alternatives.

The Characterization Report shall include a summary of the monitoring data, modeling and calculations that the Permittee currently has or develops in the characterization process. It shall also summarize the methodology and findings of the characterization, including the baseline data on the number, volume and duration of sewage overflows, CSO overflows and/or CSO outfall discharges.

ii. Development and Evaluation of Alternatives:

Permittee shall develop LTCP alternatives that include, but are not limited to: elimination of all existing sewage overflows, CSO overflows/ CSO outfalls by; separation of specific portions of the Sewer System; construction of additional separate sanitary express sewers to convey additional flows to the WWTP for treatment; various sizes of storage basins or tunnels construction of facilities; construction of additional facilities (such as high rate treatment or ballasted flocculation facilities) for providing primary treatment or advanced primary treatment to sewage overflows, CSOs and CSO outfalls; construction of additional facilities for providing disinfection and dechlorination of sewage overflows, CSOs and CSO outfalls; construction of facilities for removing floatables from sewage overflows, CSOs and CSO outfalls; relocation of CSOs and CSO outfalls; and construction and/or implementation of combinations of these alternatives.

The Permittee is currently constructing improvements and expansion of the wastewater treatment plant to treat additional flow and maximize removal of pollutants. The Permittee shall evaluate construction of additional facilities (such as high rate treatment or ballasted flocculation facilities) for providing primary treatment or advanced primary treatment to flows exceeding the capacity of the wastewater treatment plant, and increasing the disinfection capacity at the wastewater treatment plant.

Permittee's development and evaluation of alternatives in the LTCP shall include an assessment of the costs, effectiveness (in terms of pollutant loading reductions and reductions in volume and frequency of overflows) of a wide range of alternatives for eliminating, reducing and treating any and all of Permittee's sewage overflows, CSO overflows or CSO outfalls.

The evaluation of each alternative in the LTCP shall include: costs; benefits, such as reduction in overflow events, volume, and load as compared to baseline conditions; impact on user rates; affordability; and construction and implementation schedules. At a minimum, the permittee shall evaluate alternative control measures based on the number of CSO events. The permittee shall evaluate the level of controls necessary to reduce the number of CSO events in a typical year to one, two, three and four CSO events system-wide. For purposes of this requirement, the following term shall have the following definitions.

"CSO event" shall mean one or more overflows from the Combined Sewer System that does not receive minimum treatment as the result of a precipitation event.

iii. Recommended Alternative:

In addition to the evaluation of alternatives in the LTCP, the permittee shall specifically include in the LTCP its recommended permanent alternative, as well as any recommended interim alternatives.

iv. Implementation Schedule:

The permittee shall include an implementation schedule for the recommended alternative, as well as any interim alternatives, in the LTCP. The implementation schedule for each project shall include proposed milestones for commencement of construction, completion of construction and controls fully operational.

Part II, Other Requirements

A. Operator Certification Requirements

1. Classification

a. In accordance with Ohio Administrative Code 3745-7-04, the sewage treatment facility at this facility shall be classified as a Class III facility. The permittee shall designate one or more professional operator of record to oversee the technical operation of the treatment works with a valid certification of a class equal to or greater that the classification of the treatment works.

b. All sewerage (collection) systems that are tributary to this treatment works are Class II sewerage systems in accordance with paragraph (B)(1)(b) of rule 3745-7-04 of the Ohio Administrative Code. The permittee shall designate one or more professional operator of record to oversee the technical operation of the sewerage (collection) system with a valid certification of a class equal to or greater that the classification of the sewerage (collection) system.

2. Professional Operator of Record

a. Within three days of a change in a professional operator of record, the permittee shall notify the Director of the Ohio EPA of any such change on a form acceptable to Ohio EPA. The appropriate form can be found at the following website:

http://epa.ohio.gov/Portals/28/documents/opcert/Operator%20of%20Record%20Notification%20Form.pdf

b. All applications for renewal of this NPDES permit shall include an updated Operator of Record Notification form along with other necessary forms and fees to be considered a complete application.

c. The professional operator of record for a class II, III, or IV treatment works or class II sewerage system may be replaced by a backup professional operator with a certificate one classification lower than the treatment works or sewerage system for a period of up to thirty consecutive days. The use of this provision does not require notification to the agency. This provision may not be used to routinely circumvent minimum staffing requirements.

d. Upon proper justification, such as military leave or long-term illness, the director may authorize the replacement of the professional operator of record for a class II, III, or IV treatment works or class II sewerage system by a backup professional operator with a certificate one classification lower than the facility for a period of greater than thirty consecutive days. Such requests shall be made in writing to the appropriate district office.

3. Minimum Staffing Requirements

a. The permittee shall ensure that the treatment works professional operator of record is physically present at the facility in accordance with the minimum staffing requirements per paragraph (C)(1) of rule 3745-7-04 of the Ohio Administrative Code or the requirements from an approved 3745-7-04(C)

minimum staffing hour reduction plan.

b. The permittee shall ensure that the collection system professional operator of record or a professional operator that is certified in the field of wastewater collection or wastewater treatment, class A operators excluded, is physically present at the collection system in accordance with the minimum staffing requirements per paragraph (C)(2) of rule 3745-7-04 of the Ohio Administrative Code.

c. If Ohio EPA approves a reduction in minimum staffing requirements based upon a facility operating plan, any change in the criteria under which the operating plan was approved (e.g., retirement of a professional operator listed in the approved staffing plan, loss of the professional operator of record, reduction in the workforce, removal or failure of automation or continuous monitoring, etc.) will require that the treatment works immediately return to the minimum staffing requirements included in paragraph (C)(1) of rule 3745-7-04 of the Ohio Administrative Code.

4. Additional Staffing Requirements

Visits to all treatment works shall be performed by the permittee, the permittee's representative, or agent five days a week and noted in the operational and maintenance records required by rule 3745-7-09 of the Administrative Code. Visits shall not be necessary when the treatment works is not in operation.

B. Description of the location of the required sampling stations are as follows:

Sampling Station	Description of Location
2PD00039001	Final effluent to Sandusky River . (Lat: 40N 50' 30"; Long: 83W 16' 40")
2PD00039051	Plant Raw Bypass south of WWTP
2PD00039052	Combined Sewer Overflow. See Part II, Item D
2PD00039053	Combined Sewer Overflow. See Part II, Item D
2PD00039055	Combined Sewer Overflow. See Part II, Item D
2PD00039058	Combined Sewer Overflow. See Part II, Item D
2PD00039059	Combined Sewer Overflow. See Part II, Item D
2PD00039300	System-wide sanitary sewer overflow occurrences
2PD00039586	Sludge disposed of in landfill
2PD00039601	Influent prior to influent screens
2PD00039801	Upstream on the Sandusky River at 215 Sycamore St.
2PD00039901	Downstream on the Sandusky River at 7417 Co. Hwy. 47

C. CSO Reopener

This permit may be modified upon determination that CSO controls fail to meet the water quality goals of the CSO Policy. The permittee shall be notified of such a determination by Ohio EPA and shall be required to develop, submit, and implement a revised CSO control plan which contains additional controls."

D. Lake Erie Basin CSO Discharges

The permittee is authorized to discharge from the following combined sewer overflows (CSOs) only during wet weather periods when the flow in the sewer system exceeds the capacity of the sewer system. See Part I,B for applicable monitoring and reporting requirements. Also see Part III, Item 11.

Station Number Description of Location Receiving Stream

_____

2PD00039052 W. bank, behind 777 N. Sandusky St. Unnamed Tributary
. (Lat: 40N 50' 24"; Long: 83W 16' 43") of Sandusky River
. Regulators 1425 and 1429

2PD00039053 E. bank, SW corner of 800 Mission Dr. Unnamed Tributary. (Lat: 40N 50' 20"; Long: 83W 16' 43") of Sandusky River

2PD00039055 W. bank, East edge of golf course Sandusky River
. (Lat: 40N 49' 40"; Long: 83W 16' 15")
. Regulator 5934

2PD00039058 W. bank, rear of 513 S. Sandusky Ave. Sandusky River
. (Lat: 40N 49' 11"; Long: 83W 16' 46")
. Regulator 1525

2PD00039059 W. bank, north side of High St. Sandusky River
. (Lat: 40N 48' 51"; Long: 83W 16' 31")
. Regulator 6082

E. The following public access areas are potentially impacted by CSO discharges. (This list was included in the permittee's Public Notification Plan - August 2, 2018)

Area Name Description of Location Associated CSO Station Number

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None were identified in the 2018 - CSO Public Notification Plan

F. Public Notification Requirements for CSO discharges to the Lake Erie Basin

Beginning no later than November 7, 2018, each permittee with authorized CSO discharges to the Lake Erie Basin must provide public notification of such discharges in accordance with 40 CFR 122.38(a). At a minimum, such notification shall consist of the following:

1. Signage

The permittee shall ensure that adequate signage, where feasible, is posted at all CSO outfall locations

and potentially impacted public access areas. The signage shall adhere to the Outfall Signage requirements of Part II, Item V.

2. Notification of Local Public Health Department(s) and Other Potentially Affected Public Entities

a. Initial Notification

As soon as possible, but no later than four (4) hours after becoming aware of a CSO discharge, the permittee shall notify the appropriate local Department of Health and other affected public entities, as identified in the Public Notification Plan. Such initial notice shall, at a minimum, include the following information:
i. The name of the affected water body;
ii. The location of the discharge and potentially impacted public access areas;
iii. The date and time that the discharge began;
iv. The approximate time that the discharge ended or if the discharge is ongoing, and;
v. A point of contact for the permittee.

b. Supplemental Notification

The permittee shall notify the appropriate local Department of Health and other affected public entities, as identified in the Public Notification Plan, within seven (7) days of becoming aware of a CSO discharge, unless the information has been provided in an earlier notice. Notification shall include:
i. The volume of the discharge and;
ii. The approximate time that the discharge ended.

3. Notification of the Public

a. Initial Notification
As soon as possible, but no later than four (4) hours after becoming aware of a CSO discharge, the permittee shall provide initial notification to the public, as identified in the Public Notification Plan. Such initial notice shall include, at a minimum, the following information:
i. The name of the affected water body;
ii. The location of the discharge and potentially impacted public access areas;
iii. The date and time that the discharge began, and;
iv. The approximate time that the discharge ended or if the discharge is ongoing.

b. Supplemental Notification
The permittee shall provide supplemental notification to the public, as identified in the Public Notification Plan, within seven (7) days of becoming aware of a CSO discharge, unless the information has been provided in an earlier notice. The notification shall include:
i. The volume of the discharge and;
ii. The approximate time that the discharge ended.

4. Annual Report

On or prior to May 1st of each year, the permittee shall make available to the public an Annual Report describing the CSO discharges from its discharge point(s) that occurred in the previous calendar year, in accordance with 40 CFR 122.38(b). Upon public availability of the Annual Report, the permittee shall submit instructions on how to access the Annual Report to Ohio EPA Northwest District Office and U.S. EPA. Such notice to US EPA shall be in the form of an email to NPDES_CSO@epa.gov.

At a minimum, the Annual Report shall include:
a. A description of the location and receiving water for each CSO discharge point, and, if applicable, any treatment provided;
b. The date, location, approximate duration, measured or estimated volume, and cause (e.g., rainfall, snowmelt) of each wet weather CSO discharge that occurred during the past calendar year;
c. The date, location, duration, volume, and cause of each dry weather CSO discharge that occurred during the past calendar year;
d. A summary of available monitoring data for CSO discharges from the past calendar year;
e. A description of any public access areas potentially impacted by each CSO discharge;
f. Representative precipitation data in total inches to the nearest 0.1 inch that resulted in a CSO discharge, if precipitation was the cause of the discharge;
g. Permittee contact information; and
h. A concise summary of implementation of the nine minimum controls and the status of implementation of the CSO long-term control plan (or other plans to reduce or prevent CSO discharges), including:
i. A description of key milestones remaining to complete implementation of the plan; and
ii. A description of the average annual number of CSO discharges anticipated after implementation of the long-term control plan (or other plan relevant to reduction of CSO overflows) is completed.

G. Nine Minimum Controls
The entire wastewater treatment system shall be operated and maintained so that the total loading of pollutants discharged during wet weather is minimized. To accomplish this, the permittee shall utilize the following technologies:
1) provide proper operation and maintenance for the collection system and the combined sewer overflow points;
2) provide the maximum use of the collection system for storage of wet weather flow prior to allowing overflows;
3) review and modify the pretreatment program to minimize the impact of nondomestic discharges from combined sewer overflows; or if there is no pretreatment program review and modify local programs to minimize the impact of nondomestic discharges from combined sewer overflows;
4) maximize the capabilities of the POTW to treat wet weather flows, and maximize the wet weather flow to the wastewater treatment plant within the limits of the plant's capabilities;
5) prohibit dry weather overflows;
6) control solid and floatable materials in the combined sewer overflow discharge;
7) conduct required inspection, monitoring and reporting of CSOs;
8) implement pollution prevention programs that focus on reducing the level of contaminants in CSOs; and

9) implements a public notification program for areas affected by CSOs, especially beaches and recreation areas.

H. Sanitary Sewer Overflow (SSO) Reporting Requirements

A sanitary sewer overflow is an overflow, spill, release, or diversion of wastewater from a sanitary sewer system. SSOs do not include wet weather discharges from combined sewer overflows specifically listed in Part II of this NPDES permit (if any). All SSOs are prohibited.

1. Reporting for SSOs That Imminently and Substantially Endanger Human Health

a) Immediate Notification

You must notify Ohio EPA (1-800-282-9378) and the appropriate Board of Health (i.e., city or county) within 24 hours of learning of any SSO from your sewers or from your maintenance contract areas that may imminently and substantially endanger human health. The telephone report must identify the location, estimated volume and receiving water, if any, of the overflow. An SSO that may imminently and substantially endanger human health includes dry weather overflows, major line breaks, overflow events that result in fish kills or other significant harm, overflows that expose the general public to contact with raw sewage, and overflow events that occur in sensitive waters and high exposure areas such as protection areas for public drinking water intakes and waters where primary contact recreation occurs.

b) Follow-Up Written Report

Within 5 days of the time you become aware of any SSO that may imminently and substantially endanger human health, you must provide the appropriate Ohio EPA district office a written report that includes:
(i) the estimated date and time when the overflow began and stopped or will be stopped (if known);
(ii) the location of the SSO including an identification number or designation if one exists;
(iii) the receiving water (if there is one);
(iv) an estimate of the volume of the SSO (if known);
(v) a description of the sewer system component from which the release occurred (e.g., manhole, constructed overflow pipe, crack in pipe);
(vi) the cause or suspected cause of the overflow;(vii) steps taken or planned to reduce, eliminate, and prevent reoccurrence of the overflow and a schedule of major milestones for those steps; and
(viii) steps taken or planned to mitigate the impact(s) of the overflow and a schedule of major milestones for those steps.

An acceptable 5-day follow-up written report can be filled-in or downloaded from the Ohio EPA Division of Surface Water Permits Program Technical Assistance Web page at http://www.epa.ohio.gov/dsw/permits/technical_assistance.aspx .

2. Reporting for All SSOs, Including Those That Imminently and Substantially Endanger Human Health

a) Monthly Operating Reports

Sanitary sewer overflows that enter waters of the state, either directly or through a storm sewer or other conveyance, shall be reported on your monthly operating reports. You must report the system-wide number of occurrences for SSOs that enter waters of the state in accordance with the requirements for station number 300. A monitoring table for this station is included in Part I, B of this NPDES permit. For the purpose of counting occurrences, each location on the sanitary sewer system where there is an overflow, spill, release, or diversion of wastewater on a given day is counted as one occurrence. For example, if on a given day overflows occur from a manhole at one location and from a damaged pipe at another location and they both enter waters of the state, you should record two occurrences for that day. If overflows from both locations continue on the following day, you should record two occurrences for the following day. At the end of the month, total the daily occurrences from all locations on your system and report this number using reporting code 74062 (Overflow Occurrence, No./Month) on the 4500 form for station number 300.

b) Annual Report

You must prepare an annual report of all SSOs in your collection system, including those that do not enter waters of the state. The annual report must be in an acceptable format (see below) and must include:

(i) A table that lists an identification number, a location description, and the receiving water (if any) for each existing SSO. If an SSO previously included in the list has been eliminated, this shall be noted. Assign each SSO location a unique identification by numbering them consecutively, beginning with 301.

(ii) A table that lists the date that an overflow occurred, the unique ID of the overflow, the name of affected receiving waters (if any), and the estimated volume of the overflow (in millions of gallons). The annual report may summarize information regarding overflows of less than approximately 1,000 gallons.

(iii) A table that summarizes the occurrence of water in basements (WIBs) by total number and by sewershed. The report shall include a narrative analysis of WIB patterns by location, frequency and cause. Only WIBs caused by a problem in the publicly owned collection system must be included.

Not later than March 31 of each year, you must submit one copy of the annual report for the previous calendar year. The report may be submitted electronically using the NPDES Annual Sanitary Sewer Overflow Report available through the Ohio EPA eBusiness Center, Division of Surface Water NPDES Permit Applications service. Alternatively, you may submit one hardcopy of the report to the appropriate Ohio EPA district office and one copy to: Ohio EPA; Division of Surface Water; NPDES Permit Unit; P.O. Box 1049; Columbus, OH, 43216-1049. An acceptable annual SSO report can be filled-in or downloaded from the Ohio EPA Division of Surface Water Permits Program Technical Assistance Web page at http://www.epa.ohio.gov/dsw/permits/technical_assistance.aspx.

You also must provide adequate notice to the public of the availability of the report. Adequate public notice would include: notices posted at the community administration building, the public library and the post office; a public notice in the newspaper; or a notice sent out with all sewer bills.

I. The permittee shall maintain in good working order and operate as efficiently as possible the "treatment works" and "sewerage system" as defined in ORC 6111.01 to achieve compliance with the terms and conditions of this permit and to prevent discharges to the waters of the state, surface of the ground, basements, homes, buildings, etc.

J. Composite samples shall be comprised of a series of grab samples collected over a 24-hour period and proportionate in volume to the sewage flow rate at the time of sampling. Such samples shall be collected at such times and locations, and in such a fashion, as to be representative of the facility's overall performance.

K. Grab samples shall be collected at such times and locations, and in such fashion, as to be representative of the facility's performance.

L. Multiple grab samples shall be comprised of at least three grab samples collected at intervals of at least three hours during the period that the plant is staffed on each day for sampling. Samples shall be collected at such times and locations, and in such fashion, as to be representative of the facility's overall performance. The critical value shall be reported.

M. All parameters, except flow, need not be monitored on days when the plant is not normally staffed (Saturdays, Sundays, and Holidays). On those days, report "AN" on the monthly report form.

N. The treatment works must obtain at least 85 percent removal of carbonaceous biochemical oxygen demand (five-day) and suspended solids (see Part III, Item 1).

O. Tracking of Group 4 Parameters

A preliminary effluent limit (PEL) has been provided below for parameters with a projected effluent quality (PEQ) equivalent to or exceeding seventy-five percent of the PEL. In accordance with rule 3745-33-07(A)(2) of the Ohio Administrative Code, the permittee must report in writing, any effluent concentration sample result greater than the PEL values listed below to Ohio EPA, Northwest District Office. Written notification must be submitted within 30 days of an effluent concentration sample result that exceeds the PEL and must detail the reasons why the PEL has been exceeded and the expectation of continued levels above the PEL.

. Parameter PEL
. Methyl Bromide (Bromomethane) 18 µg/l

The permittee shall reduce discharge levels to below the PEL if either of the following conditions are met:

1. The maximum detected concentration per month is greater than the maximum PEL for four or more months during any consecutive six-month period; or

2. The thirty-day average for any pollutant is greater than the average PEL for two or more months during any consecutive six-month period; and

If the permittee cannot reduce discharge levels below the PEL within six months after either of

conditions 1 or 2 above are met, the permittee may request to modify the permit to contain a compliance schedule. This request shall contain justification for the additional time necessary to reduce discharge levels.

P. POTWs that accept hazardous wastes by truck, rail, or dedicated pipeline are considered to be hazardous waste treatment, storage, and disposal facilities (TSDFs) and are subject to regulation under the Resource Conservation and Recovery Act (RCRA). Under the "permit-by-rule" regulation found at 40 CFR 270.60(c), a POTW must:

1) comply with all conditions of its NPDES permit,
2) obtain a RCRA ID number and comply with certain manifest and reporting requirements under RCRA,
3) satisfy corrective action requirements, and
4) meet all federal, state, and local pretreatment requirements.

Q. Water quality-based permit limitations in this permit may be revised based on updated wasteload allocations or use designation rules. This permit may be modified, or revoked and reissued, to include new water quality-based effluent limits or other conditions that are necessary to comply with a revised wasteload allocation, or an approved total maximum daily loads (TMDL) report as required under Section 303 (d) of the Clean Water Act.

R. Sampling for these parameters at station 2PD00039601, 2PD00036801 and 2PD00006901 shall occur on the same day as outfall 2PD00039001.

S. Sampling at station 2PD00039001 for these parameters shall occur one detention time (the time it takes for a volume of water to travel through the treatment plant) after sampling at station 2PD00039601 for the same parameters on the same day.

T. Sampling at station 2PD00039601 for these parameters shall occur one detention time (the time it takes for a volume of water to travel through the treatment plant) prior to sampling at station 2PD00039001 for the same parameters on the same day.

U. Sewage Sludge Requirements

1. All disposal, use, storage, or treatment of sewage sludge by the Permittee shall comply with Chapter 6111. of the Ohio Revised Code, Chapter 3745-40 of the Ohio Administrative Code, any further requirements specified in this NPDES permit, and any other actions of the Director that pertain to the disposal, use, storage, or treatment of sewage sludge by the Permittee.

2. No later than March 1 of each calendar year, the Permittee shall submit a report summarizing the sewage sludge disposal, use, storage, or treatment activities of the Permittee during the previous calendar year. The report shall be submitted through the Ohio EPA eBusiness Center, Division of Surface Water NPDES Permit Applications service.

3. Each day when sewage sludge is removed from the wastewater treatment plant for use or disposal, a representative sample of sewage sludge shall be collected and analyzed for percent total solids. This value of percent total solids shall be used to calculate the total Sewage Sludge Weight (Discharge Monitoring Report code 70316) and/or total Sewage Sludge Fee Weight (Discharge Monitoring Report

code 51129) removed from the treatment plant on that day. The results of the daily monitoring, and the weight calculations, shall be maintained on site for a minimum of five years. The test methodology used shall be from the latest edition, Part 2540 G of Standard Methods for the Examination of Water and Wastewater American Public Health Association, American Water Works Association, and Water Environment Federation. To convert from gallons of liquid sewage sludge to dry tons of sewage sludge: dry tons = gallons x 8.34 (lbs/gallon) x 0.0005 (tons/lb) x decimal fraction total solids.

V. Outfall Signage

The permittee shall maintain a permanent sign on the stream bank at each outfall that is regulated under this NPDES permit. This includes final outfalls, bypasses, and combined sewer overflows. The sign shall include, at a minimum, the name of the establishment to which the permit was issued, the Ohio EPA permit number, and the outfall number and a contact telephone number. The information shall be printed in letters not less than two inches in height. The sign shall be a minimum of 2 feet by 2 feet and shall be a minimum of 3 feet above ground level. The sign shall not be obstructed such that persons in boats or persons swimming on the river or someone fishing or walking along the shore cannot read the sign. Vegetation shall be periodically removed to keep the sign visible. If the outfall is normally submerged the sign shall indicate that. If the outfall is a combined sewer outfall, the sign shall indicate that untreated human sewage may be discharged from the outfall during wet weather and that harmful bacteria may be present in the water. When an existing sign is replaced or reset, the new sign shall comply with the requirements of this section.

W. Storm Water

To comply with industrial storm water regulations, the permittee submitted a form for "No Exposure Certification" which was signed on Janutary 7, 2020. Compliance with the industrial storm water regulations must be re-affirmed every five years. No later than January 7, 2025, the permittee must submit a new form for "No Exposure Certification" or make other provisions to comply with the industrial storm water regulations.

X. This permit no longer authorizes the use of method 4500 CN-I from Standard Methods for free cyanide testing. Currently there are three approved methods for free cyanide listed in 40 CFR 136 that have a quantification level lower than any water quality-based effluent limits: ASTM D7237-10, OIA-1677-09, and ASTM D4282-02. (Note: The use of ASTM D4282-02 requires supporting documentation that it meets the requirement of a "sufficiently sensitive" test procedure as defined in 40 CFR 122.44(i)(1)(iv)). The permittee shall begin using one of these approved methods as soon as possible. If you must use method 4500 CN-I during the transition to an approved method, report the results on your DMR and enter "Method 4500 CN-I" in the remarks section.

Y. The permittee shall use EPA Method 1631 promulgated under 40 CFR 136 to comply with the influent and effluent mercury monitoring requirements of this permit.

Z. General Mercury Variance

The permittee is granted a renewal of the general mercury variance under the provisions of Rule 3745-01-38(H) of the Ohio Administrative Code. The Upper Sandusky WWTP has demonstrated that the facility is currently unable to comply with the monthly average water quality-based effluent limit of 1.3

ng/l without construction of expensive end-of-pipe controls more stringent than those required by sections 301(b) and 306 of the Clean Water Act. The Upper Sandusky WWTP is currently able to achieve an annual average mercury concentration of 12 ng/l. For general mercury variance purposes, the annual average mercury effluent concentration is defined as the average of the most recent 12 months of effluent data.

One of the conditions of the general mercury variance is that the permittee make reasonable progress towards attaining the water quality-based effluent limits for mercury (1.b, below). To accomplish this, the permittee is required to continue implementing a pollutant minimization program (PMP) for mercury. The elements of a PMP include: a control strategy to locate, identify and, where cost-effective, reduce levels of mercury that contribute to discharge levels; periodic monitoring of sources and the treatment system; and annual reporting of results.

The plan of study that was part of the permittee's 2010 application for coverage under the general mercury variance included items associated with developing a control strategy and initial implementation of a PMP. By implementing the plan of study and meeting other conditions of its NPDES permit, the permittee has been taking actions consistent with a PMP for mercury. Condition 1.d below, requires the permittee to continue implementing a PMP for mercury.

1. As conditions of this variance, the permittee shall meet the following requirements:
a. The permittee shall comply with the effluent limitations for mercury at outfall 2PD00039001 given in Part I, A. of this permit.

b. The permittee shall make reasonable progress towards attaining the monthly average water quality-based effluent limit for mercury by complying with the general mercury variance conditions included in this NPDES permit.

c. The permittee shall use EPA Method 1631 to comply with the influent and effluent mercury monitoring requirements of this permit.

d. The permittee shall continue implementing a PMP for mercury consistent with the plan of study included in the permittee's mercury variance application submitted on October 1, 2019 and any other relevant information submitted by the permittee, including the following activities:
i. Complete upgrades to the treatment process at the wastewater treatment plant.
ii. Continue annual contact with dentists and other known sources to determine if any mercury reduction measures have been implemented. Document and compile information.
iii. Contact any new potential sources.
iv. Continue to implement mercury reduction measures within the WWTP and other city departments.

e. The permittee shall assess the impact of the mercury variance on public health, safety, and welfare by, as a minimum, monitoring for mercury in the facility's influent and effluent as required by this NPDES permit.

f. The permittee shall maintain an annual average mercury effluent concentration equal to or less than 12 ng/l.

g. On or prior to March 1st of each year, the permittee shall submit two copies of an annual PMP report to Ohio EPA, Division of Surface Water, NPDES Permit Unit, P.O. Box 1049, Columbus, OH, 43216-1049. The annual PMP report shall include:

i. All minimization program monitoring results for the year

ii. A list of potential sources of mercury

iii. A summary of all actions taken to meet the effluent limits for mercury

iv. Any updates of the control strategy, including actions planned to reduce the levels of mercury in the treatment plant's final effluent

The Ohio EPA Annual Mercury PMP Report and Appendices are available on the Division of Surface Water Permits Program Technical Assistance web page at http://www.epa.ohio.gov/dsw/permits/technical_assistance.aspx . Open the Mercury list.

h. Upon completion of the actions identified in the plan of study as required in Part II, Item Z..1.d. of this permit or upon submittal of the permittee's NPDES permit renewal application, whichever comes first, the permittee shall submit to Ohio EPA's Northwest District Office a certification stating that all permit conditions imposed to implement the plan of study and the PMP have been satisfied and whether compliance with the monthly average water quality based effluent limit for mercury has been achieved and can be maintained. This certification shall be accompanied by the following:

i. All available mercury influent and effluent data for the most recent 12-month period.

ii. Data documenting all known significant sources of mercury and the steps that have been taken to reduce or eliminate those sources; and

iii. A determination of the lowest mercury concentration that currently available data indicate can be reliably achieved through implementation of the PMP.

2. Exceedance of the annual average limit of 12 ng/l.

a. If at any time after the effective date of this permit, the permittee's annual average mercury effluent concentration exceeds 12 ng/l, the permittee shall:

i. Notify Ohio EPA's Northwest District Office not later than 30 days from the date of the exceedance.

ii. Submit an individual variance application, if a variance is desired, not later than 6 months from the date of the exceedance; or

iii. Request a permit modification not later than 6 months from the date of the exceedance for a compliance schedule to attain compliance with the water quality-based effluent limits for mercury.

b. If the permittee complies with either 2.a.ii or 2.a.iii, above, the general mercury variance conditions included in this NPDES permit will remain in effect until the date that the Director acts on the individual

variance application or the date that the permit modification becomes effective.

c. If the permittee does not comply with either 2.a.ii or 2.a.iii, above, a monthly water-quality based effluent limit for mercury of 1.3 ng/l shall apply at outfall 2PD00039 beginning 6 months from the date of the exceedance.

3. The requirements of Part II, Item Z..2 shall not apply if the permittee demonstrates to the satisfaction of the Director that the mercury concentration in the permittee's effluent exceeds 12 ng/l due primarily to the presence of mercury in the permittee's intake water.

AA. Permit Reopener for Mercury Variance Revisions

Ohio EPA may reopen and modify this permit at any time based upon Ohio EPA water quality standard revisions to the mercury variance granted in Part II, Item Z. of this permit.

BB. Renewal of Mercury Variance

For renewal of the mercury variance authorized in this permit, the permittee shall include the following information with the submittal of the subsequent NPDES permit renewal application:

1. the certification described under Part II, Item Z.1.h., and all information required under Part II, Item Z.1.h.i. through Part II, Item Z.1.h.iii;

2. a status report on the progress being made implementing the pollutant minimization program (PMP). This information may be included in the annual PMP report required under Part II, Item Z.1.g;

3. a listing of the strategies and/or programs in the PMP which will be continued under the next renewal of this permit; and

4. a statement requesting the renewal of the mercury variance.

CC. Monitoring for Bis(2-ethylhexyl) phthalate
Composite samples for Bis(2-ethylhexyl) phthalate shall be comprised of at least three manual grab samples collected at intervals of at least 3 hours, during an 8-hour period that the plant is staffed for sampling. The samples shall be collected and composited in glass to eliminate the potential for contamination from plastic containers; and they shall be collected at such times and locations, and in such fashion, as to be representative of the facility's overall performance.

DD. Monitoring for Dissolved Orthophosphate (as P)

The permittee shall monitor for dissolved orthophosphate by grab sample. The permittee shall filter the grab sample within 15 minutes of collection using a 0.45-micron filter. The filtered sample must be analyzed within 48 hours. Samples shall be collected at such times and locations, and in such fashion, as to be representative of the facility's overall performance.

EE. Biomonitoring Program Requirements

The permittee shall continue to implement an effluent biomonitoring program to determine the toxicity of the effluent from outfall 2PD00039001.

General Requirements

All toxicity testing conducted as required by this permit shall be done in accordance with "Reporting and Testing Guidance for Biomonitoring Required by the Ohio Environmental Protection Agency" (hereinafter, the "biomonitoring guidance"), Ohio EPA, July 1998 (or current revision).

Testing Requirements

1. Chronic Bioassays

The permittee shall conduct annual chronic toxicity tests, using *Ceriodaphnia dubia* (water fleas) and *Pimephales promelas* (fathead minnows) on effluent samples from outfall 2PD00039001. These tests shall be conducted as specified in Section 3 of the biomonitoring guidance.

2. Acute Bioassays

Acute endpoints, as described in Section 2.H. of the biomonitoring guidance, shall be derived from the chronic test.

3. Testing of Ambient Water

In conjunction with the acute and chronic toxicity tests, upstream control water shall be collected at a point outside the zone of effluent and receiving water interaction at station 2PD00039801. Testing of ambient waters shall be done in accordance with Sections 2 and 3 of the biomonitoring guidance.

4. Data Review

a. Reporting

Following completion of each bioassay requirement (as specified in Part I, A), the permittee shall report results of the tests in accordance with Sections 2.H.1., 2.H.2.a., 3.H.1., and 3.H.2.a. of the biomonitoring guidance, including reporting the results on the monthly DMR and submitting a copy of the complete test report to Ohio EPA, Division of Surface Water. The test report may be submitted electronically using the acute or chronic NPDES Biomonitoring Report Form available through the Ohio EPA eBusiness Center, Division of Surface Water NPDES Permit Applications service. Alternatively, the permittee may submit a hard copy of the report to Ohio EPA, Division of Surface Water, NPDES Permit Unit, P.O. Box 1049, Columbus, OH, 43216-1049.

Based on Ohio EPA's evaluation of the results, this permit may be modified to require additional biomonitoring, require a toxicity reduction evaluation, and/or contain whole effluent toxicity limits.

b. Definitions

TUa = Acute Toxicity Units = 100/LC50

TUc = Chronic Toxicity Units = 100/IC25

This equation for chronic toxicity units applies outside the mixing zone for warmwater, modified warmwater, exceptional warmwater, coldwater, and seasonal salmonid use designations except when the following equation is more restrictive (*Ceriodaphnia dubia* only):

TUc = Chronic Toxic Units = 100/square root of (NOEC x LOEC)

FF. Notification to Public Water Supply Operators.

1. As required by the Ohio Administrative Code 3745-33-08(F), permits for facilities designated by the director as major discharges, in the following locations, shall require the permittee to notify the public water supply operator as soon as practicable after a discharge begins that results from a spill, separate sewer overflow, bypass, upset, or combined sewer overflow that reaches waters of the state:

a. Discharges within three thousand feet of a public water supply intake located in a lake; or

b. Discharges within ten stream miles upstream of a public water supply intake located in a reservoir or any other surface water of the state.

2. Public water supply operators meeting the criteria in Part II, Item U.1 above for the

Upper Sandusky WWTP are:
Upper Sandusky WTP
110 Reservoir Road
Upper Sandusky, OH 43351
419-294-2416

3. Within 6 months of the effective date of this permit, the permittee shall develop notification procedures between the wastewater system operator and public water supply operator listed above in Part II, Item U.2 that defines the specific notification requirements to the public water supply operator and what constitutes notification "as soon as practicable".

PART III - GENERAL CONDITIONS

1. DEFINITIONS

"Daily discharge" means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurement, the "daily discharge" is calculated as the average measurement of the pollutant over the day.

"Average weekly" discharge limitation means the highest allowable average of "daily discharges'' over a calendar week, calculated as the sum of all "daily discharges'' measured during a calendar week divided by the number of "daily discharges'' measured during that week. Each of the following 7-day periods is defined as a calendar week: Week 1 is Days 1 - 7 of the month; Week 2 is Days 8 - 14; Week 3 is Days 15 - 21; and Week 4 is Days 22 - 28. If the "daily discharge" on days 29, 30 or 31 exceeds the "average weekly" discharge limitation, Ohio EPA may elect to evaluate the last 7 days of the month as Week 4 instead of Days 22 - 28. Compliance with fecal coliform bacteria or E coli bacteria limitations shall be determined using the geometric mean.

"Average monthly" discharge limitation means the highest allowable average of "daily discharges" over a calendar month, calculated as the sum of all "daily discharges" measured during a calendar month divided by the number of "daily discharges" measured during that month. Compliance with fecal coliform bacteria or E coli bacteria limitations shall be determined using the geometric mean.

"85 percent removal" means the arithmetic mean of the values for effluent samples collected in a period of 30 consecutive days shall not exceed 15 percent of the arithmetic mean of the values for influent samples collected at approximately the same times during the same period.

"Absolute Limitations" Compliance with limitations having descriptions of "shall not be less than," "nor greater than," "shall not exceed," "minimum," or "maximum" shall be determined from any single value for effluent samples and/or measurements collected.

"Net concentration" shall mean the difference between the concentration of a given substance in a sample taken of the discharge and the concentration of the same substances in a sample taken at the intake which supplies water to the given process. For the purpose of this definition, samples that are taken to determine the net concentration shall always be 24-hour composite samples made up of at least six increments taken at regular intervals throughout the plant day.

"Net Load" shall mean the difference between the load of a given substance as calculated from a sample taken of the discharge and the load of the same substance in a sample taken at the intake which supplies water to given process. For purposes of this definition, samples that are taken to determine the net loading shall always be 24-hour composite samples made up of at least six increments taken at regular intervals throughout the plant day.

"MGD" means million gallons per day.

"mg/l" means milligrams per liter.

"ug/l" means micrograms per liter.

"ng/l" means nanograms per liter.

"S.U." means standard pH unit.
"kg/day" means kilograms per day.

"Reporting Code" is a five-digit number used by the Ohio EPA in processing reported data. The reporting code does not imply the type of analysis used nor the sampling techniques employed.

"Quarterly (1/Quarter) sampling frequency" means the sampling shall be done in the months of March, June, August, and December, unless specifically identified otherwise in the Effluent Limitations and Monitoring Requirements table.

"Yearly (1/Year) sampling frequency" means the sampling shall be done in the month of September, unless specifically identified otherwise in the effluent limitations and monitoring requirements table.

"Semi-annual (2/Year) sampling frequency" means the sampling shall be done during the months of June and December, unless specifically identified otherwise.

"Winter" shall be considered to be the period from November 1 through April 30.

"Bypass" means the intentional diversion of waste streams from any portion of the treatment facility.

"Summer" shall be considered to be the period from May 1 through October 31.

"Severe property damage" means substantial physical damage to property, damage to the treatment facilities which would cause them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

"Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

"Sewage sludge" means a solid, semi-solid, or liquid residue generated during the treatment of domestic sewage in a treatment works as defined in section 6111.01 of the Revised Code. "Sewage sludge" includes, but is not limited to, scum or solids removed in primary, secondary, or advanced wastewater treatment processes. "Sewage sludge" does not include ash generated during the firing of sewage sludge in a sewage sludge incinerator, grit and screenings generated during preliminary treatment of domestic sewage in a treatment works, animal manure, residue generated during treatment of animal

manure, or domestic septage.

"Sewage sludge weight" means the weight of sewage sludge, in dry U.S. tons, including admixtures such as liming materials or bulking agents. Monitoring frequencies for sewage sludge parameters are based on the reported sludge weight generated in a calendar year (use the most recent calendar year data when the NPDES permit is up for renewal).

"Sewage sludge fee weight" means the weight of sewage sludge, in dry U.S. tons, excluding admixtures such as liming materials or bulking agents. Annual sewage sludge fees, as per section 3745.11(Y) of the Ohio Revised Code, are based on the reported sludge fee weight for the most recent calendar year.

2. GENERAL EFFLUENT LIMITATION

The effluent shall, at all times, be free of substances:

A. In amounts that will settle to form putrescent, or otherwise objectionable, sludge deposits; or that will adversely affect aquatic life or waterfowl;

B. Of an oily, greasy, or surface-active nature, and of other floating debris, in amounts that will form noticeable accumulations of scum, foam, or sheen;

C. In amounts that will alter the natural color or odor of the receiving water to such degree as to create a nuisance;

D. In amounts that either singly or in combination with other substances are toxic to human, animal, or aquatic life;

E. In amounts that are conducive to the growth of aquatic weeks or algae to the extent that such growth become inimical to more desirable forms of aquatic life, or create conditions that are unsightly, or constitute a nuisance in any other fashion;

F. In amounts that will impair designated instream or downstream water uses

3. FACILITY OPERATION AND QUALITY CONTROL

All wastewater treatment works shall be operated in a manner consistent with the following:

A. At all times, the permittee shall maintain in good working order and operate as efficiently as possible all treatment or control facilities, or systems installed or used by the permittee necessary to achieve compliance with the terms and conditions of this permit. Proper operation and maintenance also include adequate laboratory controls and appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with conditions of the permit.

B. The permittee shall effectively monitor the operation and efficiency of treatment and control facilities and the quantity and quality of the treated discharge.

C. Maintenance of wastewater treatment works that results in degradation of effluent quality shall be scheduled during non-critical water quality periods and shall be carried out in a manner approved by Ohio EPA as specified in the Paragraph in the PART III entitled, "UNAUTHORIZED DISCHARGES".

4. REPORTING

A. Monitoring data required by this permit shall be submitted monthly on Ohio EPA 4500 Discharge Monitoring Report (DMR) forms using the electronic DMR (e-DMR) internet application. e-DMR allows permitted facilities to enter, sign, and submit DMRs on the internet. e-DMR information is found on the following web page:

https://epa.ohio.gov/divisions-and-offices/surface-water/permitting/electronic-business-services

B. DMRs shall be signed by a facility's Responsible Official or a Delegated Responsible Official (i.e. a person delegated by the Responsible Official). The Responsible Official of a facility is defined as:

1. For a corporation: by a responsible corporate officer. For the purpose of this section, a responsible corporate officer means: (a) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation; or (b) The manager of one or more manufacturing, production or operating facilities, provided the manager is authorized to make management decisions that govern the operation of the regulated facility including having explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long-term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

2. For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or

3. In the case of a municipal, state or other public facility, by either the principal executive officer, the ranking elected official or other duly authorized employee.
For e-DMR, the person signing and submitting the DMR will need to obtain an eBusiness Center account and Personal Identification Number (PIN). Additionally, Delegated Responsible Officials must be delegated by the Responsible Official, either on-line using the eBusiness Center's delegation function, or on a paper delegation form provided by Ohio EPA. For more information on the PIN and delegation processes, please view the following web page:

https://epa.ohio.gov/divisions-and-offices/surface-water/guides-manuals/edmr-pin-information-and-application

C. DMRs submitted using e-DMR shall be submitted to Ohio EPA by the 20th day of the month following the month-of-interest.

D. If the permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit, using approved analytical methods as specified in Section 5. SAMPLING AND ANALYTICAL METHODS, the results of such monitoring shall be included in the calculation and reporting

of the values required in the reports specified above.

E. Analyses of pollutants not required by this permit, except as noted in the preceding paragraph, shall not be reported to the Ohio EPA, but records shall be retained as specified in Section 7. RECORDS RETENTION.

5. SAMPLING AND ANALYTICAL METHOD

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored flow. Test procedures for the analysis of pollutants shall conform to regulation 40 CFR 136, "Test Procedures For The Analysis of Pollutants" unless other test procedures have been specified in this permit. The permittee shall periodically calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at intervals to ensure accuracy of measurements.

6. RECORDING OF RESULTS

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

A. The exact place and date of sampling; (time of sampling not required on EPA 4500)

B. The person(s) who performed the sampling or measurements;

C. The date the analyses were performed on those samples;

D. The person(s) who performed the analyses;

E. The analytical techniques or methods used; and

F. The results of all analyses and measurements.

7. RECORDS RETENTION

The permittee shall retain all of the following records for the wastewater treatment works for a minimum of three years except those records that pertain to sewage sludge disposal, use, storage, or treatment, which shall be kept for a minimum of five years, including:

A. All sampling and analytical records (including internal sampling data not reported);

B. All original recordings for any continuous monitoring instrumentation;

C. All instrumentation, calibration and maintenance records;

D. All plant operation and maintenance records;

E. All reports required by this permit; and

F. Records of all data used to complete the application for this permit for a period of at least three years, or five years for sewage sludge, from the date of the sample, measurement, report, or application.

These periods will be extended during the course of any unresolved litigation, or when requested by the Regional Administrator or the Ohio EPA. The three-year period, or five year period for sewage sludge, for retention of records shall start from the date of sample, measurement, report, or application.

8. AVAILABILITY OF REPORTS

Except for data determined by the Ohio EPA to be entitled to confidential status, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the appropriate district offices of the Ohio EPA. Both the Clean Water Act and Section 6111.05 Ohio Revised Code state that effluent data and receiving water quality data shall not be considered confidential.

9. DUTY TO PROVIDE INFORMATION

The permittee shall furnish to the Director, within a reasonable time, any information which the Director may request to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit, or to determine compliance with this permit. The permittee shall also furnish to the Director, upon request, copies of records required to be kept by this permit.

10. RIGHT OF ENTRY

The permittee shall allow the Director or an authorized representative upon presentation of credentials and other documents as may be required by law to:

A. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit.

B. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit.

C. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit.

D. Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act, any substances or parameters at any location.

11. UNAUTHORIZED DISCHARGES

A. Bypass Not Exceeding Limitations - The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of paragraphs 11.B and 11.C.

B. Notice

1. Anticipated Bypass - If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible, at least ten days before the date of the bypass.

2. Unanticipated Bypass - The permittee shall submit notice of an unanticipated bypass as required in paragraph 12.B (24-hour notice).

C. Prohibition of Bypass

1. Bypass is prohibited, and the Director may take enforcement action against a permittee for bypass, unless:

a. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;

b. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and

c. The permittee submitted notices as required under paragraph 11.B.

2. The Director may approve an anticipated bypass, after considering its adverse effects, if the Director determines that it will meet the three conditions listed above in paragraph 11.C.1.

12. NONCOMPLIANCE NOTIFICATION

A. Exceedance of a Daily Maximum Discharge Limit

1. The permittee shall report noncompliance that is the result of any violation of a daily maximum discharge limit for any of the pollutants listed by the Director in the permit by e-mail or telephone within twenty-four (24) hours of discovery.

The permittee may report to the appropriate Ohio EPA district office e-mail account as follows (this method is preferred):

Southeast District Office: sedo24hournpdes@epa.ohio.gov
Southwest District Office: swdo24hournpdes@epa.ohio.gov
Northwest District Office: nwdo24hournpdes@epa.ohio.gov
Northeast District Office: nedo24hournpdes@epa.ohio.gov
Central District Office: cdo24hournpdes@epa.ohio.gov
Central Office: co24hournpdes@epa.ohio.gov

The permittee shall attach a noncompliance report to the e-mail. A noncompliance report form is available on the following web site under the Monitoring and Reporting - Non-Compliance Notification section:

https://epa.ohio.gov/divisions-and-offices/surface-water/permitting/individual-wastewater-discharge-permits

Or, the permittee may report to the appropriate Ohio EPA district office by telephone toll-free between 8:00 AM and 5:00 PM as follows:

Southeast District Office: (800) 686-7330
Southwest District Office: (800) 686-8930
Northwest District Office: (800) 686-6930
Northeast District Office: (800) 686-6330
Central District Office: (800) 686-2330
Central Office: (614) 644-2001

The permittee shall include the following information in the telephone noncompliance report:

a. The name of the permittee, and a contact name and telephone number;

b. The limit(s) that has been exceeded;

c. The extent of the exceedance(s);

d. The cause of the exceedance(s);

e. The period of the exceedance(s) including exact dates and times;

f. If uncorrected, the anticipated time the exceedance(s) is expected to continue; and,

g. Steps taken to reduce, eliminate or prevent occurrence of the exceedance(s).

B. Other Permit Violations

1. The permittee shall report noncompliance that is the result of any unanticipated bypass resulting in an exceedance of any effluent limit in the permit or any upset resulting in an exceedance of any effluent limit in the permit by e-mail or telephone within twenty-four (24) hours of discovery.

The permittee may report to the appropriate Ohio EPA district office e-mail account as follows (this method is preferred):

Southeast District Office: sedo24hournpdes@epa.ohio.gov
Southwest District Office: swdo24hournpdes@epa.ohio.gov
Northwest District Office: nwdo24hournpdes@epa.ohio.gov

Northeast District Office: nedo24hournpdes@epa.ohio.gov
Central District Office: cdo24hournpdes@epa.ohio.gov
Central Office: co24hournpdes@epa.ohio.gov

The permittee shall attach a noncompliance report to the e-mail. A noncompliance report form is available on the following web site under the Monitoring and Reporting - Non-Compliance Notification section:

https://epa.ohio.gov/divisions-and-offices/surface-water/permitting/individual-wastewater-discharge-permits

Or, the permittee may report to the appropriate Ohio EPA district office by telephone toll-free between 8:00 AM and 5:00 PM as follows:

Southeast District Office: (800) 686-7330
Southwest District Office: (800) 686-8930
Northwest District Office: (800) 686-6930
Northeast District Office: (800) 686-6330
Central District Office: (800) 686-2330
Central Office: (614) 644-2001

The permittee shall include the following information in the telephone noncompliance report:

a. The name of the permittee, and a contact name and telephone number;

b. The time(s) at which the discharge occurred, and was discovered;

c. The approximate amount and the characteristics of the discharge;

d. The stream(s) affected by the discharge;

e. The circumstances which created the discharge;

f. The name and telephone number of the person(s) who have knowledge of these circumstances;

g. What remedial steps are being taken; and,

h. The name and telephone number of the person(s) responsible for such remedial steps.

2. The permittee shall report noncompliance that is the result of any spill or discharge which may endanger human health or the environment within thirty (30) minutes of discovery by calling the 24-Hour Emergency Hotline toll-free at (800) 282-9378. The permittee shall also report the spill or discharge by e-mail or telephone within twenty-four (24) hours of discovery in accordance with B.1 above.

C. When the telephone option is used for the noncompliance reports required by A and B, the permittee shall submit to the appropriate Ohio EPA district office a confirmation letter and a completed

noncompliance report within five (5) days of the discovery of the noncompliance. This follow up report is not necessary for the e-mail option which already includes a completed noncompliance report.

D. If the permittee is unable to meet any date for achieving an event, as specified in a schedule of compliance in their permit, the permittee shall submit a written report to the appropriate Ohio EPA district office within fourteen (14) days of becoming aware of such a situation. The report shall include the following: 1. The compliance event which has been or will be violated;

2. The cause of the violation;

3. The remedial action being taken;

4. The probable date by which compliance will occur; and,

5. The probability of complying with subsequent and final events as scheduled.

E. The permittee shall report all other instances of permit noncompliance not reported under paragraphs A or B of this section on their monthly DMR submission. The DMR shall contain comments that include the information listed in paragraphs A or B as appropriate.

F. If the permittee becomes aware that it failed to submit an application, or submitted incorrect information in an application or in any report to the director, it shall promptly submit such facts or information.

13. RESERVED

14. DUTY TO MITIGATE

The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.

15. AUTHORIZED DISCHARGES

All discharges authorized herein shall be consistent with the terms and conditions of this permit. The discharge of any pollutant identified in this permit more frequently than, or at a level in excess of, that authorized by this permit shall constitute a violation of the terms and conditions of this permit. Such violations may result in the imposition of civil and/or criminal penalties as provided for in Section 309 of the Act and Ohio Revised Code Sections 6111.09 and 6111.99.

16. DISCHARGE CHANGES

The following changes must be reported to the appropriate Ohio EPA district office as soon as practicable:

A. For all treatment works, any significant change in character of the discharge which the permittee knows or has reason to believe has occurred or will occur which would constitute cause for modification or revocation and reissuance. The permittee shall give advance notice to the Director of any planned

changes in the permitted facility or activity which may result in noncompliance with permit requirements. Notification of permit changes or anticipated noncompliance does not stay any permit condition.

B. For publicly owned treatment works:

1. Any proposed plant modification, addition, and/or expansion that will change the capacity or efficiency of the plant;

2. The addition of any new significant industrial discharge; and
3. Changes in the quantity or quality of the wastes from existing tributary industrial discharges which will result in significant new or increased discharges of pollutants.

C. For non-publicly owned treatment works, any proposed facility expansions, production increases, or process modifications, which will result in new, different, or increased discharges of pollutants.

Following this notice, modifications to the permit may be made to reflect any necessary changes in permit conditions, including any necessary effluent limitations for any pollutants not identified and limited herein. A determination will also be made as to whether a National Environmental Policy Act (NEPA) review will be required. Sections 6111.44 and 6111.45, Ohio Revised Code, require that plans for treatment works or improvements to such works be approved by the Director of the Ohio EPA prior to initiation of construction.

D. In addition to the reporting requirements under 40 CFR 122.41(l) and per 40 CFR 122.42(a), all existing manufacturing, commercial, mining, and silvicultural dischargers must notify the Director as soon as they know or have reason to believe:

1. That any activity has occurred or will occur which would result in the discharge on a routine or frequent basis of any toxic pollutant which is not limited in the permit. If that discharge will exceed the highest of the "notification levels" specified in 40 CFR Sections 122.42(a)(1)(i) through 122.42(a)(1)(iv).

2. That any activity has occurred or will occur which would result in any discharge, on a non-routine or infrequent basis, of a toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the "notification levels" specified in 122.42(a)(2)(i) through 122.42(a)(2)(iv).

17. TOXIC POLLUTANTS

The permittee shall comply with effluent standards or prohibitions established under Section 307 (a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement. Following establishment of such standards or prohibitions, the Director shall modify this permit and so notify the permittee.

18. PERMIT MODIFICATION OR REVOCATION

A. After notice and opportunity for a hearing, this permit may be modified or revoked, by the Ohio EPA,

in whole or in part during its term for cause including, but not limited to, the following:

1. Violation of any terms or conditions of this permit;

2. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or

3. Change in any condition that requires either a temporary or permanent reduction or elimination of the permitted discharge.

B. Pursuant to rule 3745-33-04, Ohio Administrative Code, the permittee may at any time apply to the Ohio EPA for modification of any part of this permit. The filing of a request by the permittee for a permit modification or revocation does not stay any permit condition. The application for modification should be received by the appropriate Ohio EPA district office at least ninety days before the date on which it is desired that the modification become effective. The application shall be made only on forms approved by the Ohio EPA.

19. TRANSFER OF OWNERSHIP OR CONTROL

This permit may be transferred or assigned, and a new owner or successor can be authorized to discharge from this facility, provided the following requirements are met:

A. The permittee shall notify the succeeding owner or successor of the existence of this permit by a letter, a copy of which shall be forwarded to the appropriate Ohio EPA district office. The copy of that letter will serve as the permittee's notice to the Director of the proposed transfer. The copy of that letter shall be received by the appropriate Ohio EPA district office sixty (60) days prior to the proposed date of transfer;

B. A written agreement containing a specific date for transfer of permit responsibility and coverage between the current and new permittee (including acknowledgement that the existing permittee is liable for violations up to that date, and that the new permittee is liable for violations from that date on) shall be submitted to the appropriate Ohio EPA district office within sixty days after receipt by the district office of the copy of the letter from the permittee to the succeeding owner;

At any time during the sixty (60) day period between notification of the proposed transfer and the effective date of the transfer, the Director may prevent the transfer if he concludes that such transfer will jeopardize compliance with the terms and conditions of the permit. If the Director does not prevent transfer, he will modify the permit to reflect the new owner.

20. OIL AND HAZARDOUS SUBSTANCE LIABILITY

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under Section 311 of the Clean Water Act.

21. SOLIDS DISPOSAL

Collected grit and screenings, and other solids other than sewage sludge, shall be disposed of in such a manner as to prevent entry of those wastes into waters of the state, and in accordance with all applicable laws and rules.

22. CONSTRUCTION AFFECTING NAVIGABLE WATERS

This permit does not authorize or approve the construction of any onshore or offshore physical structures or facilities or the undertaking of any work in any navigable waters.

23. CIVIL AND CRIMINAL LIABILITY

Except as exempted in the permit conditions on UNAUTHORIZED DISCHARGES or UPSETS, nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance.

24. STATE LAWS AND REGULATIONS

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable state law or regulation under authority preserved by Section 510 of the Clean Water Act.

25. PROPERTY RIGHTS

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

26. UPSET

The provisions of 40 CFR Section 122.41(n), relating to "Upset," are specifically incorporated herein by reference in their entirety. For definition of "upset," see Part III, Paragraph 1, DEFINITIONS.

27. SEVERABILITY

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

28. SIGNATORY REQUIREMENTS

All applications submitted to the Director shall be signed and certified in accordance with the requirements of 40 CFR 122.22.

All reports submitted to the Director shall be signed and certified in accordance with the requirements of 40 CFR Section 122.22.

29. OTHER INFORMATION

A. Where the permittee becomes aware that it failed to submit any relevant facts in a permit application or submitted incorrect information in a permit application or in any report to the Director, it shall promptly submit such facts or information.

B. ORC 6111.99 provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than $25,000 per violation.

C. ORC 6111.99 states that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit including monitoring reports or reports of compliance or noncompliance shall, upon conviction, be punished by a fine of not more than $25,000 per violation.

D. ORC 6111.99 provides that any person who violates Sections 6111.04, 6111.042, 6111.05, or division (A) of Section 6111.07 of the Revised Code shall be fined not more than $25,000 or imprisoned not more than one year, or both.

30. NEED TO HALT OR REDUCE ACTIVITY

40 CFR 122.41(c) states that it shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with conditions of this permit.

31. APPLICABLE FEDERAL RULES

All references to 40 CFR in this permit mean the version of 40 CFR which is effective as of the effective date of this permit.

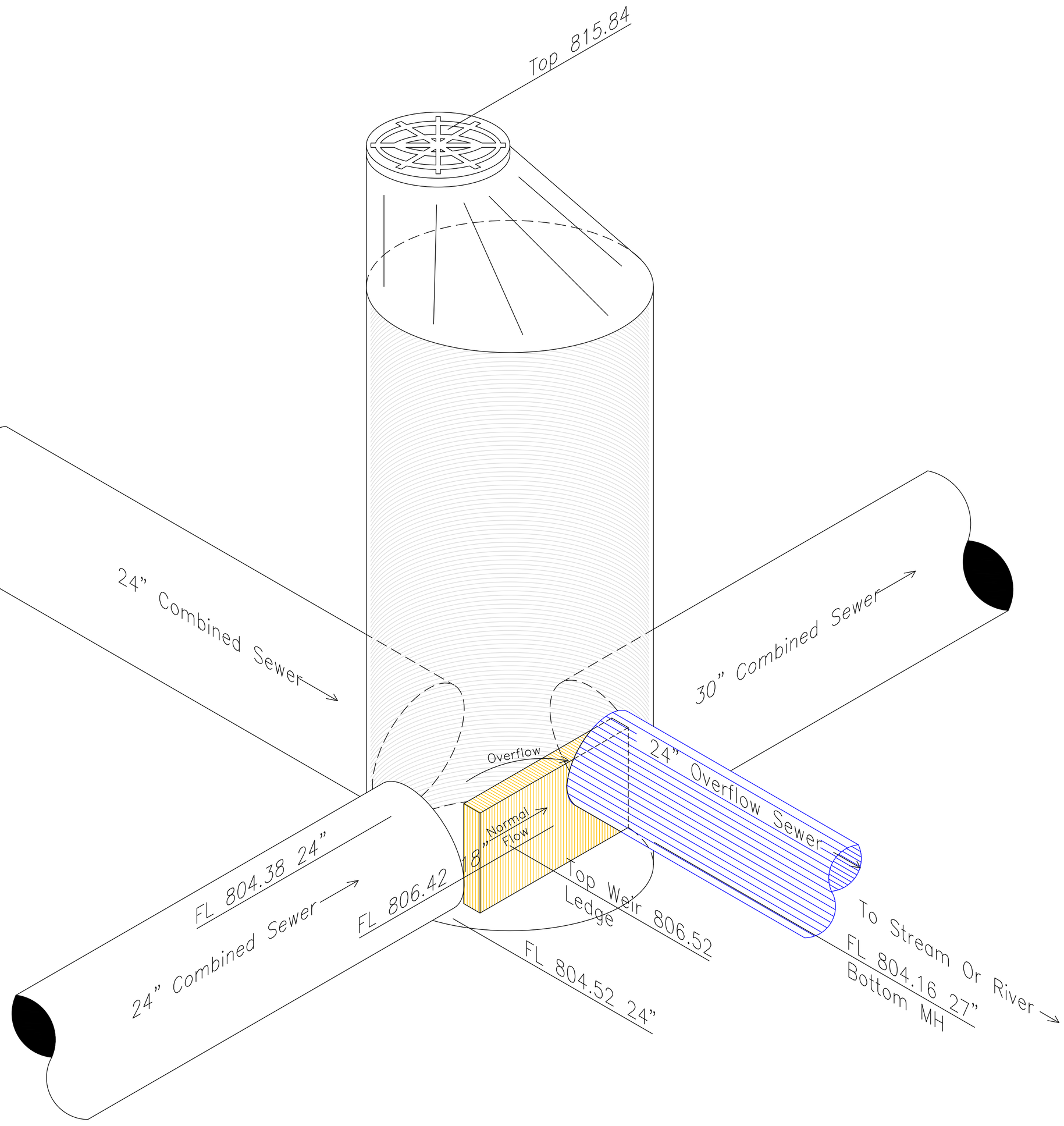
32. AVAILABILITY OF PUBLIC SEWERS

Notwithstanding the issuance or non-issuance of an NPDES permit to a semi-public disposal system, whenever the sewage system of a publicly owned treatment works becomes available and accessible, the permittee operating any semi-public disposal system shall abandon the semi-public disposal system and connect it into the publicly owned treatment works.

APPENDIX B
Description of Existing Combined Sewer Overflows

May 2025

Figure 01



LEGEND

- Combined Sewer
- Weir Wall
- Combined Sewer

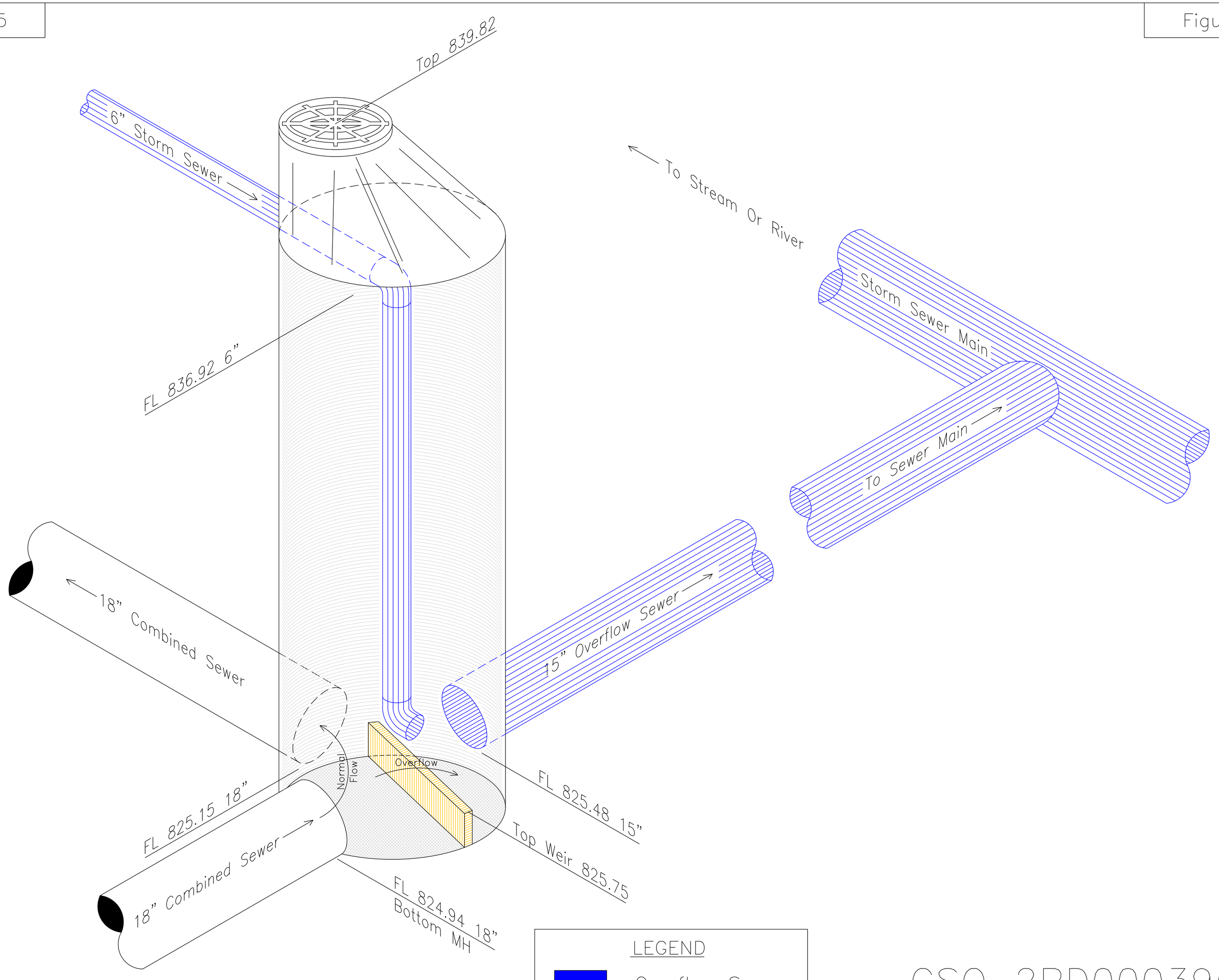
PETERMAN ASSOCIATES, INC.
- ARCHITECTS - ENGINEERS - SURVEYORS -

CSO 2PD000390052

Manhole No. 1425
Located Along The Creek
Southwest Of The Plant
Behind The Hospital
City of Upper Sandusky, Ohio

May 2025

Figure 02



LEGEND

- Overflow Sewer
- Weir Wall
- Combined Sewer

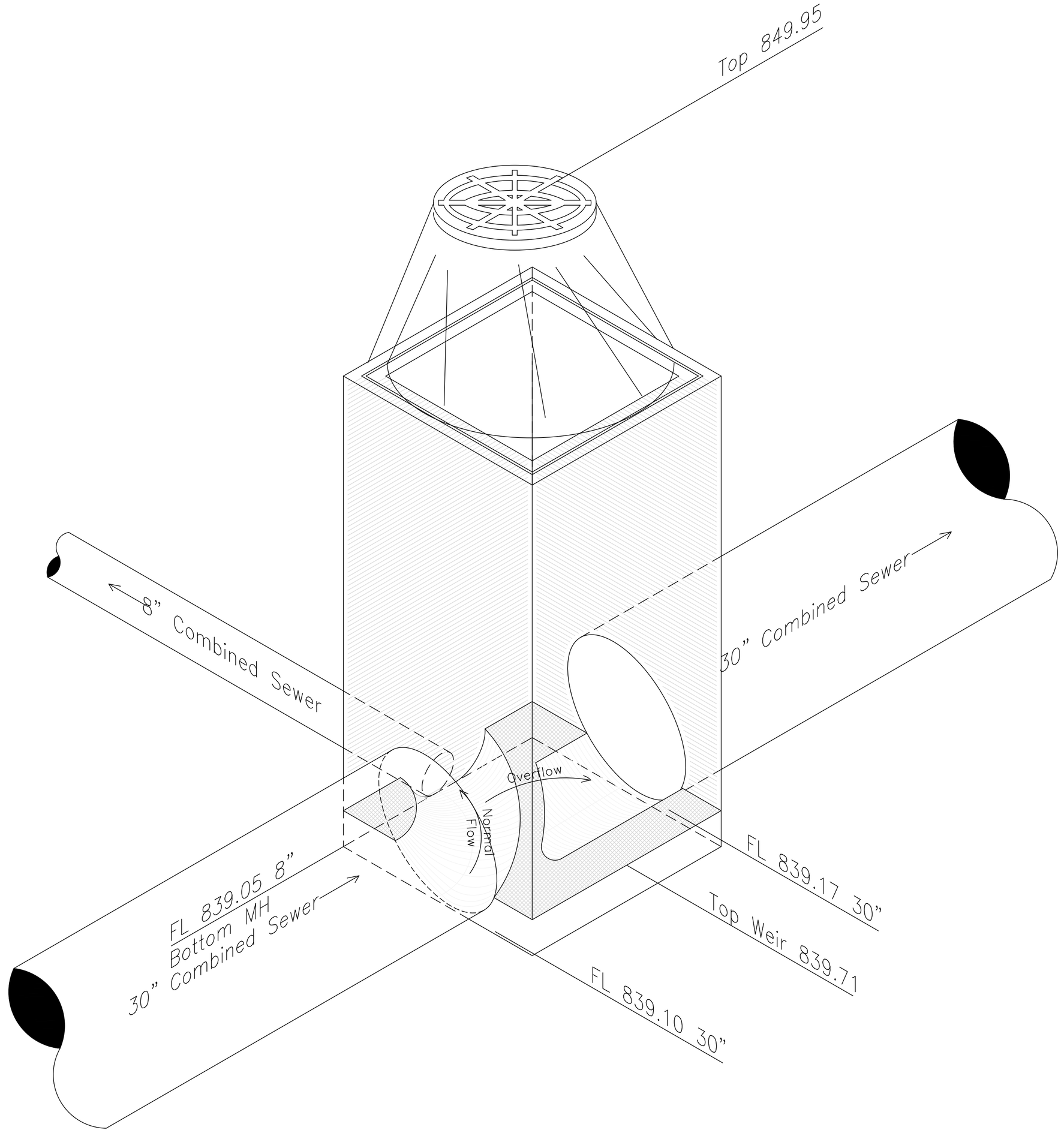
PETERMAN ASSOCIATES, INC.
- ARCHITECTS - ENGINEERS - SURVEYORS -

CSO 2PD000390053

Manhole No. 5818
Located Along 3rd Street
North Of Bigelow
City of Upper Sandusky, Ohio

May 2025

Figure 03



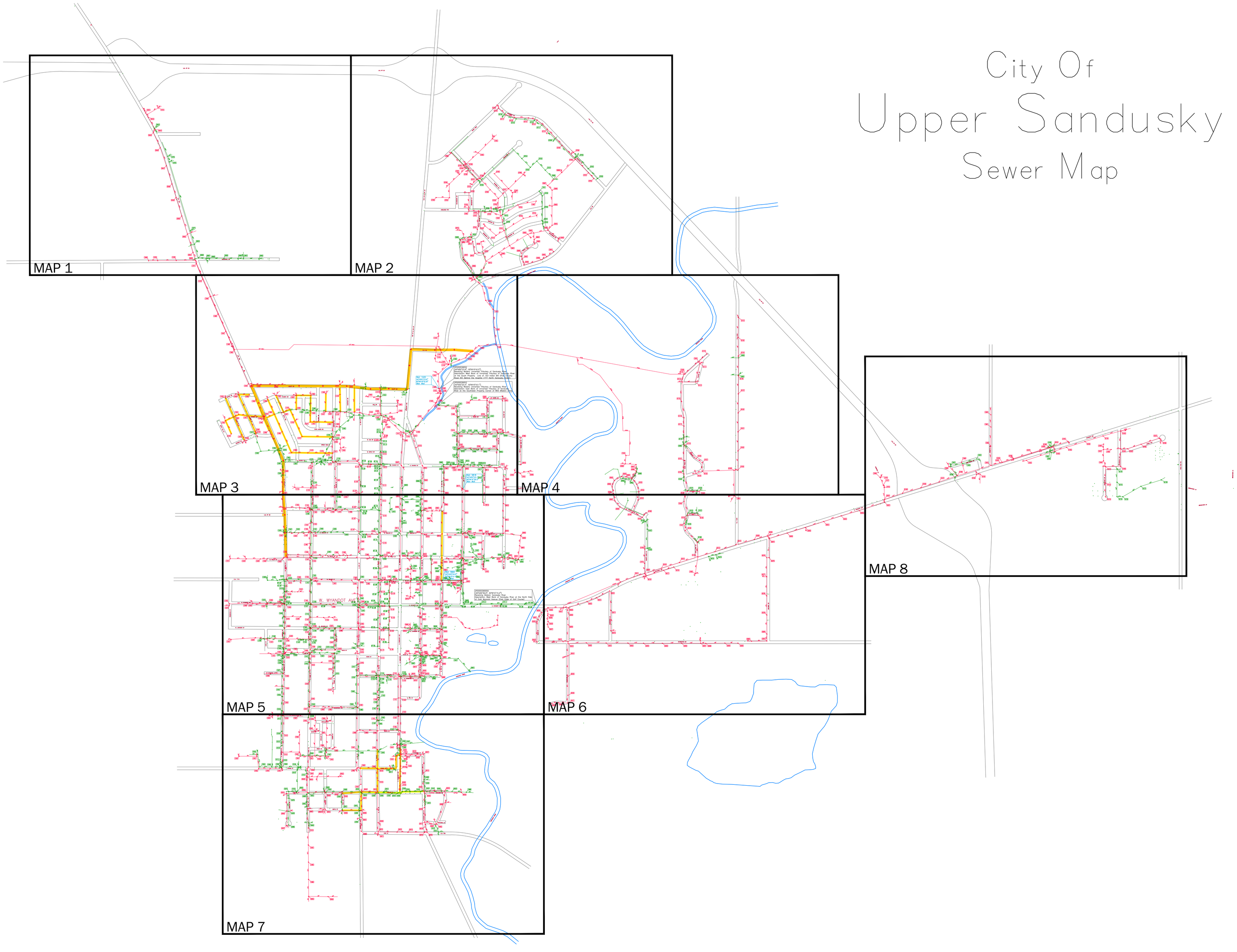
PETERMAN
ASSOCIATES, INC.
- ARCHITECTS - ENGINEERS - SURVEYORS -

CSO 2PD000390055

Manhole No. 5860
Located At The Intersection
Of 4th Street And
Walker Street
City of Upper Sandusky, Ohio

APPENDIX C
Existing Sewer Map

City Of
Upper Sandusky
Sewer Map



N

W E

S

MAY 2025

LEGEND

- = SANITARY MANHOLE
- = STORM MANHOLE
- = CATCH BASIN & YARD DRAINS
- 8" > = SANITARY SEWER PIPE WITH SIZE & FLOW DIRECTION
- 8" > = STORM SEWER PIPE WITH SIZE & FLOW DIRECTION
- 1234 = MANHOLE IDENTIFICATION LABEL
- MAP # = KEY MAP NUMBER

Prepared By
Peterman Associates, Inc.
Architects - Engineers - Surveyors
3480 N. Main Street
Findlay, Ohio 45840
(419) 422-6672
Petermansw@AOL.com
PAI Project No. 21-0157

Figure 04

Figure 05

MAP
1

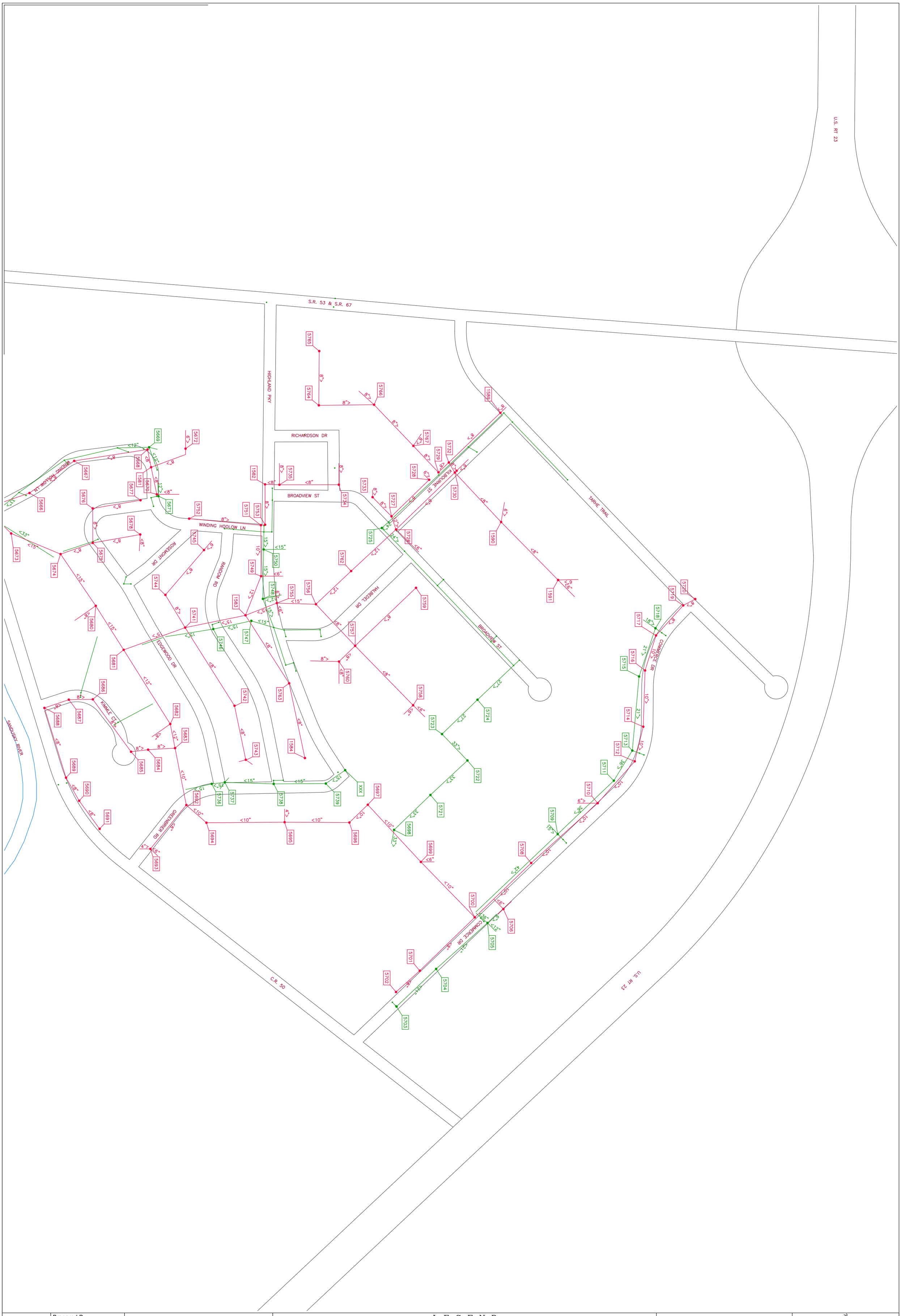
Prepared By
Peterman Associates, Inc.
3480 N. Main Street
Findlay, Ohio 45840
(419) 422-6672
Petermansw@AOL.com
PAI Project No. 21-0157

City Of
Upper Sandusky
Sewer Map

L E G E N D

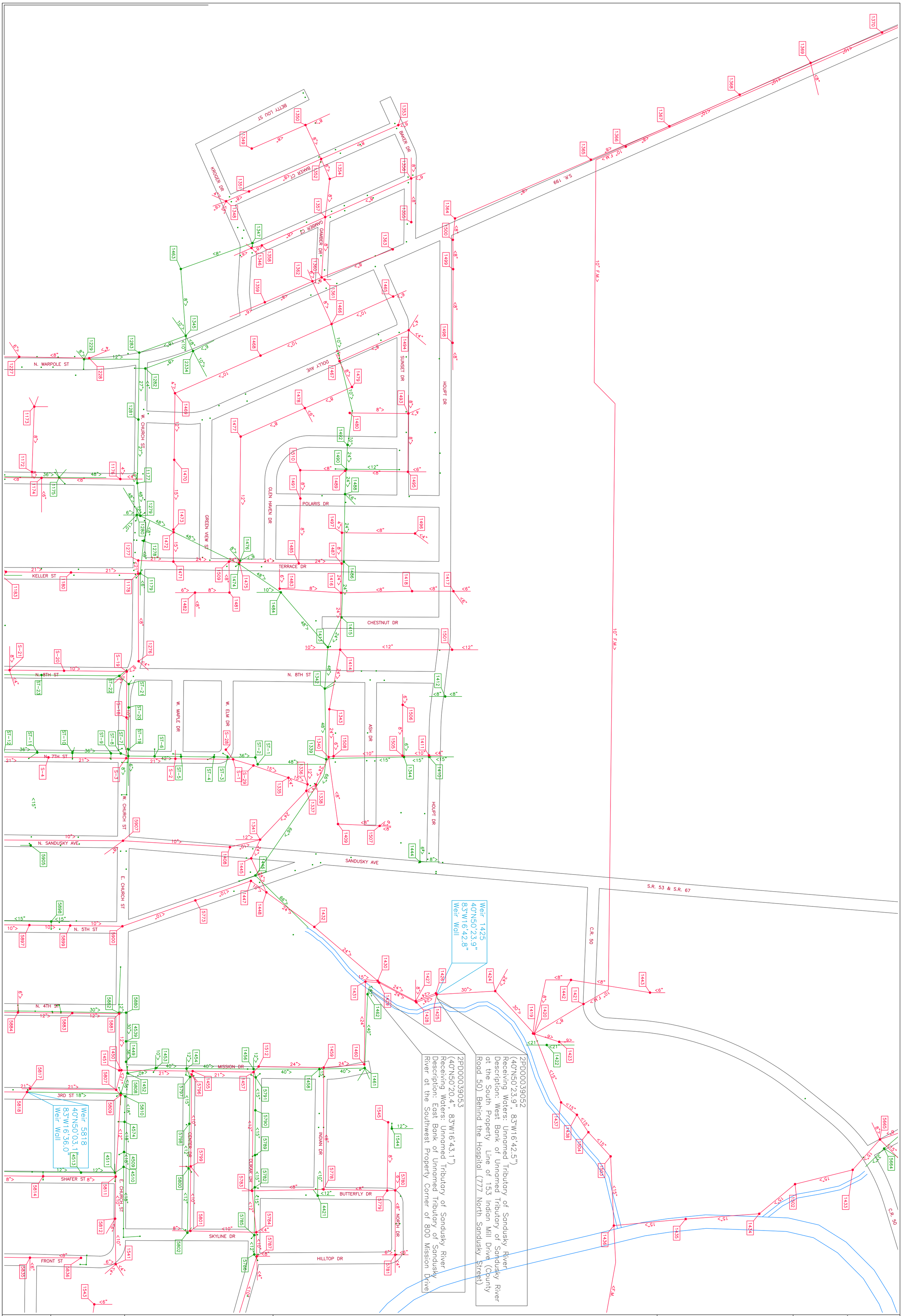
● = SANITARY MANHOLE
● = STORM MANHOLE
▤ = CATCH BASIN & YARD DRAINS
8"> = SANITARY SEWER PIPE WITH SIZE & FLOW DIRECTION
8"> = STORM SEWER PIPE WITH SIZE & FLOW DIRECTION
1234 = MANHOLE IDENTIFICATION LABEL

NO SCALE



MAP 2	Prepared By Peterman Associates, Inc. 3480 N. Main Street Findlay, Ohio 45840 (419) 422-6672 Petermansw@AOL.com PAI Project No. 21-0157	City Of Upper Sandusky Sewer Map	L E G E N D ● = SANITARY MANHOLE ● = STORM MANHOLE ▤ = CATCH BASIN & YARD DRAINS 8"> = SANITARY SEWER PIPE WITH SIZE & FLOW DIRECTION 8"> = STORM SEWER PIPE WITH SIZE & FLOW DIRECTION 1234 = MANHOLE IDENTIFICATION LABEL	NO SCALE

Figure 06



MAP 3

Prepared By
Peterman Associates, Inc.
3480 N. Main Street
Findlay, Ohio 45840
(419) 422-6672
Petermansw@AOL.com
PAI Project No. 21-0157

City Of
Upper Sandusky
Sewer Map

LEGEND

- = SANITARY MANHOLE
- = STORM MANHOLE
- = CATCH BASIN & YARD DRAINS
- 8"> = SANITARY SEWER PIPE WITH SIZE & FLOW DIRECTION
- 8"> = STORM SEWER PIPE WITH SIZE & FLOW DIRECTION
- 1234 = MANHOLE IDENTIFICATION LABEL

NO SCALE

Figure 07

ELLIOTT ST

RIVER VIEW ST

SANDUSKY RIVER

DUCK POND DR

DOGWOOD LN

CRABAPPLE LN

PHEASANT RUN

CANYON DR

T.H. 121B

U.S. RT 23

Figure 08

MAP 4	Prepared By Peterman Associates, Inc. 3480 N. Main Street Findlay, Ohio 45840 (419) 422-6672 Petermansw@AOL.com PAI Project No. 21-0157	City Of Upper Sandusky Sewer Map	LEGEND ● = SANITARY MANHOLE ● = STORM MANHOLE ▤ = CATCH BASIN & YARD DRAINS 8"> = SANITARY SEWER PIPE WITH SIZE & FLOW DIRECTION 8"> = STORM SEWER PIPE WITH SIZE & FLOW DIRECTION 1234 = MANHOLE IDENTIFICATION LABEL	NO SCALE	N

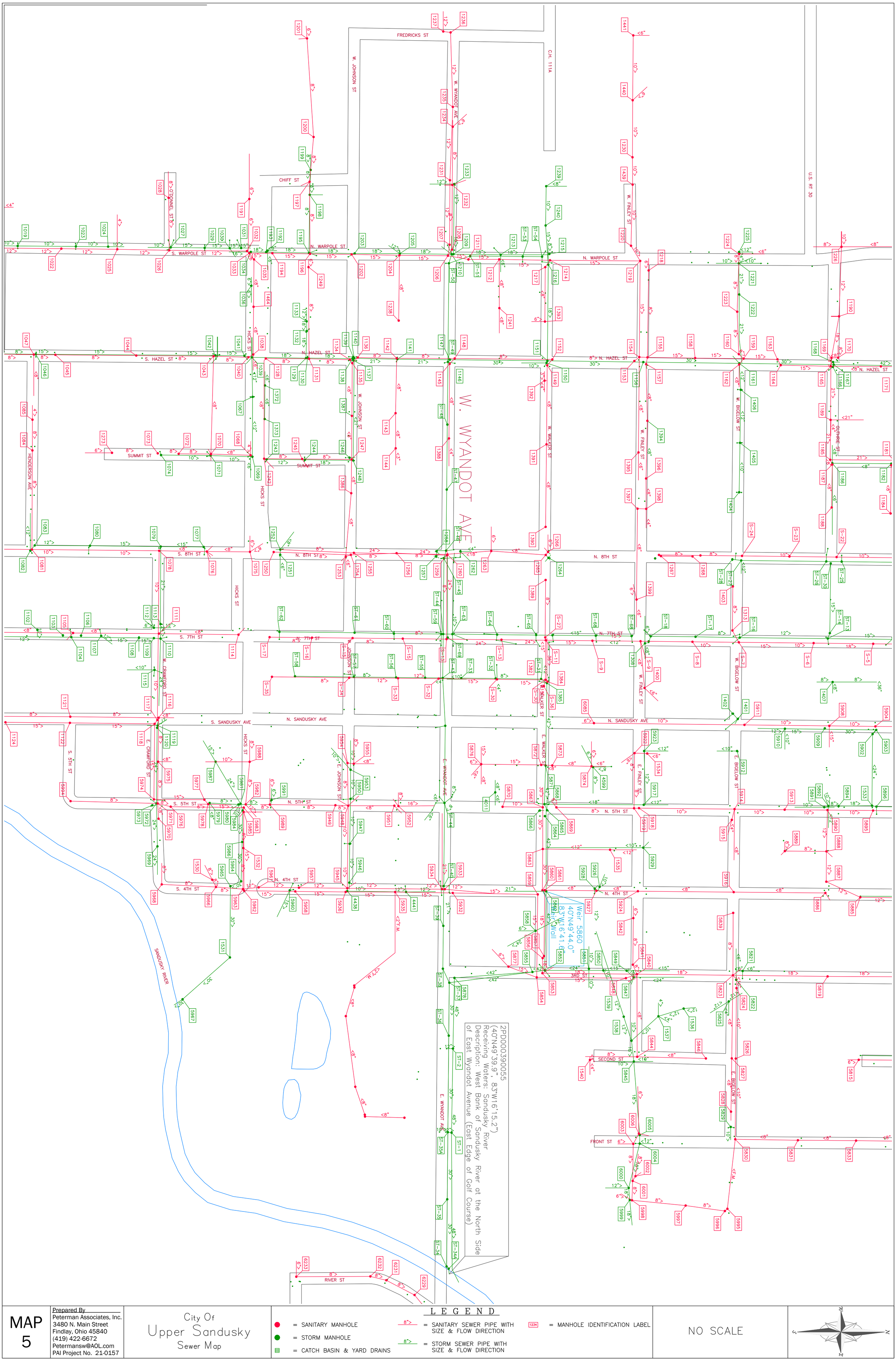
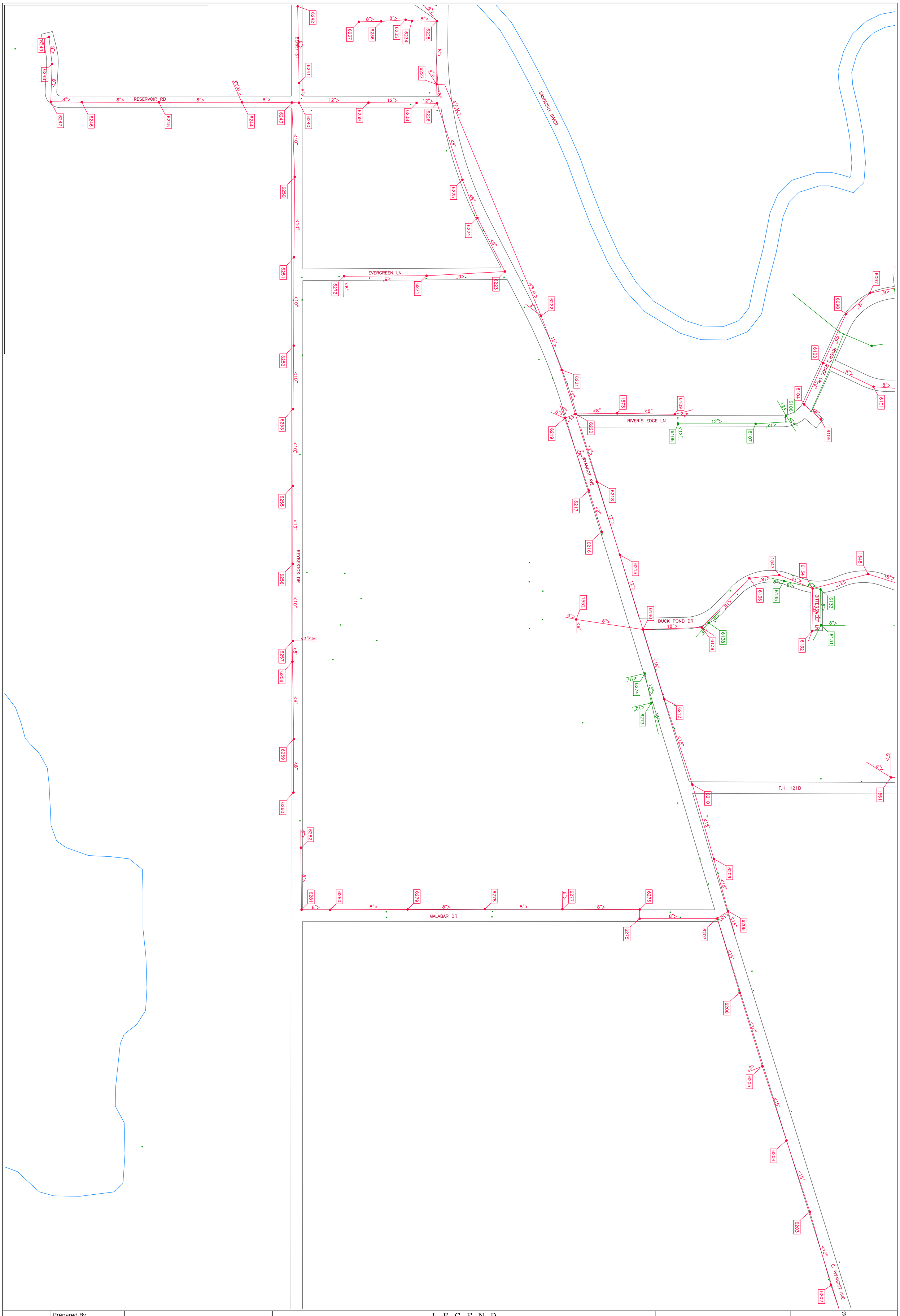


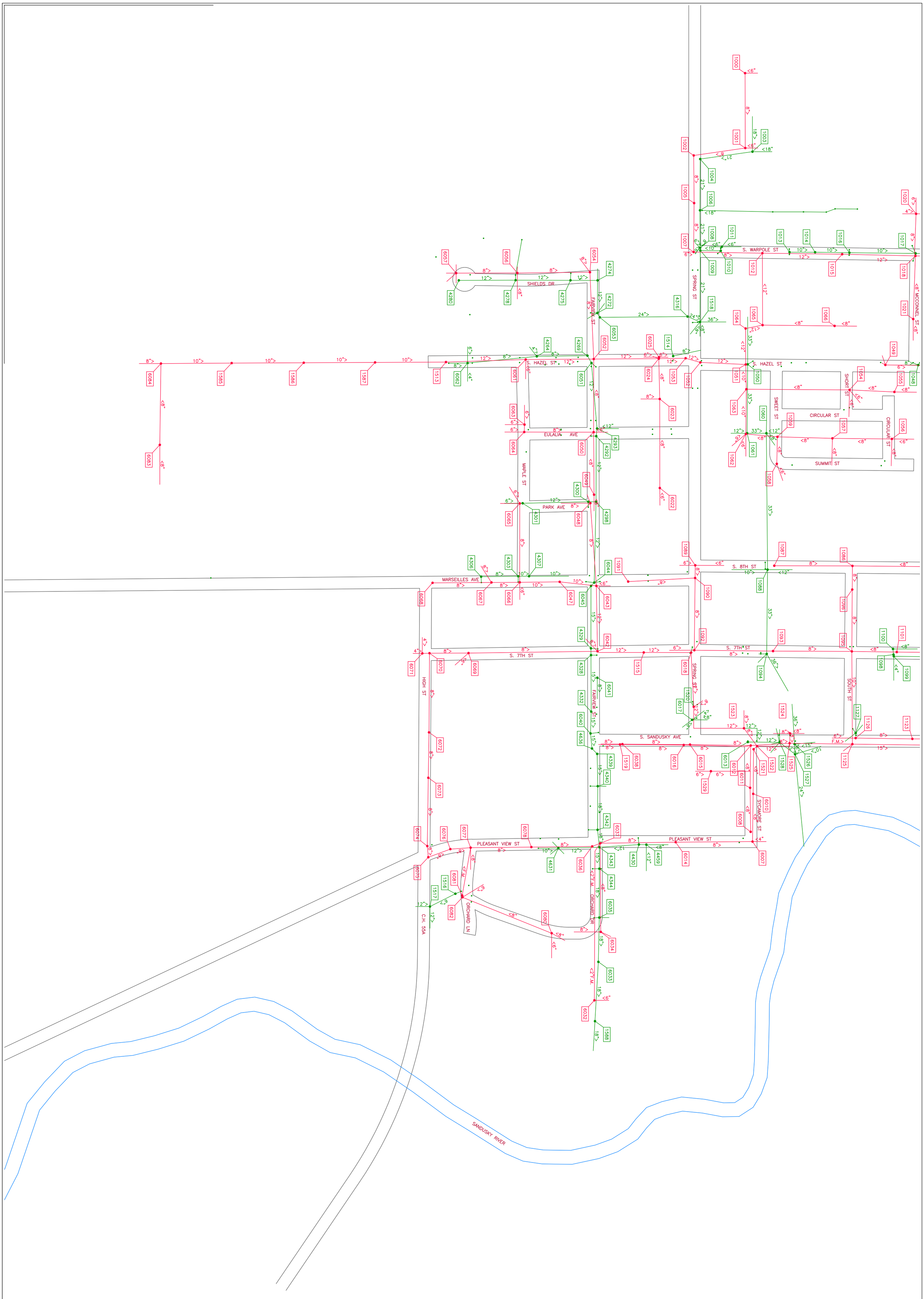
Figure 09

MAP 5	Prepared By Peterman Associates, Inc. 3480 N. Main Street Findlay, Ohio 45840 (419) 422-6672 Petermansw@AOL.com PAI Project No. 21-0157	City Of Upper Sandusky Sewer Map	L E G E N D = SANITARY MANHOLE = STORM MANHOLE = CATCH BASIN & YARD DRAINS = SANITARY SEWER PIPE WITH SIZE & FLOW DIRECTION = STORM SEWER PIPE WITH SIZE & FLOW DIRECTION = MANHOLE IDENTIFICATION LABEL	NO SCALE	N



MAP 6	Prepared By Peterman Associates, Inc. 3480 N. Main Street Findlay, Ohio 45840 (419) 422-6672 Petermansw@AOL.com PAI Project No. 21-0157	City Of Upper Sandusky Sewer Map	LEGEND ● = SANITARY MANHOLE ● = STORM MANHOLE ▤ = CATCH BASIN & YARD DRAINS 8"> = SANITARY SEWER PIPE WITH SIZE & FLOW DIRECTION 8"> = STORM SEWER PIPE WITH SIZE & FLOW DIRECTION 1234 = MANHOLE IDENTIFICATION LABEL	NO SCALE	N

Figure 10



Prepared By
Peterman Associates, Inc.
3480 N. Main Street
Findlay, Ohio 45840
(419) 422-6672
Petermansw@AOL.com
PAI Project No. 21-0157

MAP 7

City Of
Upper Sandusky
Sewer Map

L E G E N D

- = SANITARY MANHOLE
- = STORM MANHOLE
- = CATCH BASIN & YARD DRAINS
- 8"> = SANITARY SEWER PIPE WITH SIZE & FLOW DIRECTION
- 8"> = STORM SEWER PIPE WITH SIZE & FLOW DIRECTION
- 1234 = MANHOLE IDENTIFICATION LABEL

NO SCALE

Figure 11

MAP 8	Prepared By Peterman Associates, Inc. 3480 N. Main Street Findlay, Ohio 45840 (419) 422-6672 Petermansw@AOL.com PAI Project No. 21-0157	City Of Upper Sandusky Sewer Map	LEGEND ● = SANITARY MANHOLE ● = STORM MANHOLE ▤ = CATCH BASIN & YARD DRAINS 8"> = SANITARY SEWER PIPE WITH SIZE & FLOW DIRECTION 8"> = STORM SEWER PIPE WITH SIZE & FLOW DIRECTION 1234 = MANHOLE IDENTIFICATION LABEL	NO SCALE

Figure 12

APPENDIX D
Public Meeting Minutes

SERVICE COMMITTEE
MAY 17, 2010

The May 17th, 2010 Service Committee meeting was called to order in Council Chambers at 5:30 p.m. by Mr. Gary Veith, Chairman. Members present were Mr. Veith, Mr. Hank Latham and Mr. Dale Rowe.

Others present included: Scott D. Washburn, Mayor; Aaron Putnam, Wastewater Treatment Plant Supervisor; David Westbrook, Water Plant Supervisor; Allen Boes, Street Department Supervisor; Chanda Neely, Daily Chief Union; Todd Jenkins and Scott Weasel, Peterman and Associates; Scot Swinehart, Don Spiegel, Jordan Brinson; and Linda K. Stansbery, Administrative Assistant.

The minutes of the May 3rd, 2010 Service Committee meeting, having been mailed to each member, were approved as received.

The following bills were presented:

	STREET	WATER	WWTP	SANITATION
Alloway		$108.00		
Automated Petroleum	$997.13	$551.61	$74.92	$1,163.63
Bell Equipment				$462.00
Bonded Chemicals		$3,660.11		
Brown Supply	$80.89	$168.76		
Brandstetter Carroll Inc.		$360.00		
Buckeye Pumps Inc.			$10,106.00	
Buckeye Ready Mix			$682.88	
Byrd Vault Company			$870.00	
CB & I Inc.		$35,544.00		
California Contractors	$323.64			
Carmar Gardens		$550.88		
County Enviromental			$1,673.26	$9,580.42
Fastenal				$143.84
Ginosko Laboratories, Inc.		$10.00		
Gottfried Electric	$380.00	$96.69	$104.60	
Heritage Cooperative	$22.44	$88.30	$170.00	
HD Waterworks		$608.46	$295.56	
Hach Company		$629.69		
JCI Jones		$210.00		
JR Equipment		$80.71		
Keaton Welding & Machine		$41.60		
Koehler Surveying	$692.39			
L & T Danner			$1,300.00	
Lucius Door Company		$80.00		
Morral Excavating		$780.00		
Rarey Roth, Inc.		$51.00		
Romich Sales & Service	$72.82	$86.96		
S & S Porta Johns		$155.00		
Schmidt Machine			$68.16	
Siesel Distributing				$71.70
SmartBill		$665.34	$665.34	$665.35
SmartBill		$150.00	$150.00	$150.00
Truck Sales & Service				$2,199.91
TOTALS	**$2,569.31**	**$44,677.11**	**$16,160.72**	**$14,436.85**

	GENERAL	POLICE/FIRE	CAPT. IMP	PARK
Angeline Industries	$488.04			
Automated Petroleum	$42.74	$664.88		$625.83
Brown Supply		$66.83		
Carmar Gardens				$52.49
Gottfried Electric	$363.38			$149.60
makeever & Associates	$403.76			
Romich Sales & Service				$6.75
Schoenberger Tree Service			$400.00	
UPS		13.91		
West	$124.00			
TOTALS	**$1,421.92**	**$745.62**	**$400.00**	**$834.67**
GRAND TOTALS	**$81,246.20**			

A motion was made by Mr. Dale Rowe, seconded by Mr. Hank Latham, for the approval and payment of bills totaling $81,246.20. Upon Voice Vote, all members voted Yes. The Chairman declared the motion carried.

The minutes of the May 3rd, 2010 Service Committee meeting, having been mailed to each member, were approved as received.

Mr. Todd Jenkins and Mr. Scott Weasel of Peterman & Associates, Findlay, addressed the Service Committee concerning engineering services for the mapping and inspection of the currently unmapped areas of sanitary sewers for a total cost of $81,965. A motion was made by Mr. Gary Veith, seconded by Mr. Dale Rowe, to recommend to City Council to accept the proposal from Peterman & Associates for a total cost of $81,965. Upon Voice Vote, all members voted Yes. The Chairman declared the motion carried.

Discussion was held concerning the current charges for labor and equipment for an overtime callout of the Service Departments. The Service Committee established a fee of $175 for emergency callout for the first three hours and $58.33 per hour thereafter. This matter will be further discussed at the next meeting.

Discussion was held concerning the current charges for labor and equipment during regular business hours. This matter was tabled until further information is obtained by Mr. Allen Boes, Street Department Supervisor.

Discussion was held concerning the procedures for acting supervisors.

Discussion was held concerning the placement of a "No Parking" sign on city property located on Hicks Street. The Service Committee authorized this sign.

Discussion was held concerning a street light request for the 900 block of South Hazel Street. The Committee will view this area.

Discussion was held concerning a request for a double access driveway on property owned by Barbara Bowman on Front Street. The Committee will view this area.

Mr. Dave Westbrook, Water Plant Supervisor, updated the committee on the progress of the new water plant. Mr. Westbrook noted that steel work is currently underway and concrete will be poured as soon as weather allows.

The Service Committee will conduct a tour of the new water plant site following the June 7th meeting. The Service Committee extended an invitation to City Council for this tour.

Discussion was held with Mr. Allen Boes, Street Department Supervisor, concerning the repair of a sewer on Guthrie Street, the refueling of city vehicles, and the policy for notification of citizens when using the sewer jet.

Discussion was held regarding the ODOT paving program. This matter has been referred to the Law Director.

There being no further business, the meeting was adjourned.

---------- ----------

Linda K. Stansbery, Administrative Assistant Gary Veith, Chairman

CITY COUNCIL

October 4, 2010

The October 4, 2010 City Council meeting was called to order at 7:30 p.m. in Council Chambers by Gary Veith, President. A moment of silence was observed followed by the Pledge of Allegiance to the Flag of the United States of America. City Council members present were Gary Veith, Evie Hall-Case, Kyle McColly, Chad Smith, Don Spiegel, and Scot Swinehart. Paul Wagner was absent.

Others present included: Mark Ellis, Law Director; Todd Jenkins, Peterman Associates, Inc.; Scott Weasel, Peterman Associates, Inc.; John Hawkins; Chanda Neely, Daily Chief Union; and Sarah Bennett, Clerk.

The minutes of the September 20, 2010 City Council meeting, having been mailed to each City Council member, were approved as received.

The minutes of the September 20, 2010 Service Committee meeting, having been mailed to each City Council member, were reviewed.

The minutes of the September 20, 2010 special Safety Committee meeting, having been mailed to each City Council member, were reviewed.

The minutes of the September 27, 2010 special Safety Committee meeting, having been mailed to each City Council member, were reviewed.

Mr. Todd Jenkins, Peterman Associates, Inc., presented a Comprehensive Analysis of Feasible Alternatives to Eliminate Plant Bypass as part of the next phases of the Upper Sandusky Sewer System Study. The cost of the remaining phases of this study, excluding the flow monitoring, is $145,560.00, and the cost of this study is eligible for low interest financing through the Ohio Water Development Authority (OWDA). The application for this financing is due to the OWDA by October 15, 2010. It was noted that the Service Committee has recommended that City Council proceed with an application to OWDA for low interest financing for this study, as addressed in Ordinance No. 35-12

A motion was made by Mr. Smith, seconded by Mr. Swinehart, to place Ordinance No. 33-12 entitled, "AN ORDINANCE CREATING THE UPPER SANDUSKY NORTH END PROJECT TIF AREA, DECLARING IMPROVEMENTS TO PARCELS OF COMMERCIAL AND INDUSTRIAL REAL PROPERTY WITHIN THAT PROJECT TIF AREA TO BE A PUBLIC PURPOSE, DESCRIBING THE PUBLIC INFRASTRUCTURE IMPROVEMENTS TO BE MADE DIRECTLY BENEFITTING THOSE PARCELS, REQUIRING THE OWNER(S) OF THOSE PARCELS TO MAKE SERVICE PAYMENTS IN LIEU OF TAXES, PROVIDING FOR THE WYANDOT COUNTY TREASURER TO DISTRIBUTE A PORTION OF THE SERVICE PAYMENTS TO THE UPPER SANDUSKY EXEMPTED VILLAGE SCHOOL DISTRICT AND THE VANGUARD-SENTINEL JOINT VOCATIONAL SCHOOL DISTRICT, ESTABLISHING A MUNICIPAL PUBLIC IMPROVEMENT TAX INCREMENT EQUIVALENT FUND FOR THE DEPOSIT OF SUCH SERVICE PAYMENTS, AND AUTHORIZING THE EXECUTION OF A TAX INCREMENT FINANCING AND INFRASTRUCTURE AGREEMENT.", on its second reading by title only. Upon Roll Call, all members voted Yes; the President declared the motion carried. The Clerk read Ordinance No. 33-12 for the second time by title only.

A motion was made by Mr. Swinehart, seconded by Mr. Spiegel, for the adoption of Ordinance No. 33-12. Upon Roll Call, all members voted Yes. The President declared the motion carried and Ordinance No. 33-12 was duly adopted.

A motion was made by Mr. Veith, seconded by Mr. Smith, to place Resolution No. 34-12 entitled, "A RESOLUTION ACCEPTING THE AMOUNTS AND RATES AS DETERMINED BY THE BUDGET COMMISSION AND AUTHORIZING THE NECESSARY TAX LEVIES AND CERTIFYING THEM TO THE COUNTY AUDITOR AND DECLARING THIS ACT AN EMERGENCY.", on its first reading by title only. Upon Roll Call, all members voted Yes; the President declared the motion carried. The Clerk read Resolution No. 34-12 for the first time by title only.

A motion was made by Mr. Veith, seconded by Mr. Swinehart, to suspend the rules of the Municipal Charter calling for separate readings on different days. Upon Roll Call, all members voted Yes; the President declared the motion carried.

A motion was made by Mr. Swinehart, seconded by Mr. Smith, to place Resolution No. 34-12 on its second reading by title only. Upon Roll Call, all members voted Yes; the President declared the motion carried. The Clerk read Resolution No. 34-12 for the second time by title only.

A motion was made by Mr. Spiegel, seconded by Mr. Swinehart, for the adoption of Resolution No. 34-12. Upon Roll Call, all members voted Yes. The President declared the motion carried and Resolution No. 33-12 was duly adopted.

A motion was made by Mr. Veith, seconded by Mr. Swinehart, to place Ordinance No. 35-12 entitled, "AN ORDINANCE AUTHORIZING A COOPERATIVE AGREEMENT FOR PLANNING OF THE UPPER SANDUSKY SEWER SYSTEM STUDY PROJECT BETWEEN THE CITY OF UPPER SANDUSKY AND THE OHIO WATER DEVELOPMENT AUTHORITY, AND DECLARING AN EMERGENCY.", on its first reading by title only. Upon Roll Call, all members voted Yes; the President declared the motion carried. The Clerk read Ordinance No. 35-12 for the first time by title only.

A motion was made by Mr. Veith, seconded by Mr. Smith, to suspend the rules of the Municipal Charter calling for separate readings on different days. Upon Roll Call, all members voted Yes. The President declared the motion carried.

A motion was made by Mr. Swinehart, seconded by Mr. Veith, to place Ordinance No. 35-12 on its second reading by title only. Upon Roll Call, all members voted Yes; the President declared the motion carried. The Clerk read Ordinance No. 35-12 for the second time by title only.

A motion was made by Mr. Spiegel, seconded by Mr. Swinehart, for the adoption of Ordinance No. 35-12. Upon Roll Call, all members voted Yes. The President declared the motion carried and Ordinance No. 35-12 was duly adopted.

It was noted that no further information is available on the status of the ODOT SR 199 Repaving Project.

Mr. Veith reminded residents that leaves should not be raked into the street.

City Council members reviewed the Income Tax Collections Report and the Transient Guest Tax Collections Report as of September 30, 2010.

Mr. Veith reported that he has been having positive conversations with a representative of the east/west railroad corridor regarding the possibility of improvements to the crossings at South Sandusky Avenue and South Warpole Street.

Mr. Speigel congratulated Fairhaven Community on 90 years of service.

There being no further business, the President declared the meeting adjourned.

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Sarah J. Bennett, Clerk Gary Veith, President

SERVICE COMMITTEE

October 4, 2010

The October 4, 2010 Service Committee meeting was called to order at 5:30 p.m. in Council Chambers by Gary Veith, President. Service Committee members present were Hank Latham, Dale Rowe, and Gary Veith.

Others present included: Aaron Putnam, Waste Water Treatment Plant Supervisor; Allen Boes, Street and Sanitation Supervisor; Dave Westbrook, Water Treatment Plant Supervisor; Mary Lou Walton; Todd Jenkins, Peterman Associates; Scott Weasel, Peterman Associates; Don Spiegel; John Hawkins; Chanda Neely, Daily Chief Union; and Sarah Bennett, Clerk.

The following bills were presented:

	STREET	WATER	WWTP	SANITATION
Northwest Ohio AWWA		$25.00		
Bonded Chemicals		$6,349.37		
Bucyrus Road Materials	$1,126.25			
California Contractors		$399.20		
County Enviromental			$1,976.58	$7,309.94
Finley Fire Equipment	$3,000.00		$1,227.47	
Ginosko Laboratories			$212.00	
Green Guard Inc.		$113.61		
HD Waterworks Supply		$201.38		
Jones Chemicals Inc.		$420.00		
Kerr's Auto Service LLC		$348.41		
Kokosing Materials	$505.26			
L & T Danner			$500.00	$350.00
Peterman Associates, Inc.			$9,659.38	
Pfeifer Hardware	$20.20	$84.82	$117.88	$4.29
Rall Supply, LLC	$90.95		$6.16	
Smartbill		$494.08	$494.08	$494.08
Superior Business Solutions		$141.24		
Thiel Excavating & Drainage				$1,130.60
Underground Utility Services		$4,615.00		
UIS Progammable Services		$1,306.48		
USA Bluebook			$387.12	
Upper Auto Parts	$98.40	$76.44	$517.35	$176.61
Wilson Tire Company	$665.12	$214.76		$2,806.20
TOTALS	**$5,506.18**	**$14,789.79**	**$15,098.02**	**$12,271.72**

	GENERAL	POLICE/FIRE	CAPT. IMP	PARK
Carl Harris Electrical	$256.63			
Green Guard Inc.	$31.41			
Pfeifer Hardware		$114.27		$10.58
Rall Supply, LLC		$13.37		
Schienberger Tree Service			$1,650.00	
Upper Auto Parts		$27.53		$139.44
Wilson Tire Company				$232.00
TOTALS	**$288.04**	**$155.17**	**$1,650.00**	**$382.02**

GRAND TOTAL	**$50,140.94**

A motion was made by Mr. Rowe, seconded by Mr. Latham, for the approval and payment of bills totaling $50,140.94. Upon Voice Vote, all members voted Yes. The Chairman declared the motion carried.

The minutes of the September 20, 2010 Service Committee meeting, having been mailed to each Service Committee member, were approved as received.

Mrs. Mary Lou Walton again addressed the Service Committee concerning storm sewers in the area of Hilltop Drive and North Street, as previously discussed at the September 7, 2010 Service Committee meeting. Mr. Allen Boes, Street and Sanitation Supervisor, reported that the problem can be resolved at an approximate cost of $3,000.00 as there is enough fall in the area to locate a 12" storm sewer. Service Committee members noted that the City currently does not have the funding for this project. Mrs. Walton requested the City place

the project on a list of projects to be completed in the future. Service Committee members agreed to Mrs. Walton's request.

Mr. Todd Jenkins, Peterman Associates, Inc., presented a Comprehensive Analysis of Feasible Alternatives to Eliminate Plant Bypass as part of the next phases of the Upper Sandusky Sewer System Study. The cost of the remaining phases of this study, excluding the flow monitoring, is $145,560.00, and the cost of this study is eligible for low interest financing through the Ohio Water Development Authority (OWDA). The application for this financing is due to the OWDA by October 15, 2010.

A motion was made by Mr. Latham, seconded by Mr. Rowe, to recommend to City Council to approve an Ordinance to apply for financing from the Ohio Water Development Authority for $145,560.00 to complete the Upper Sandusky Sewer System Study Project. Upon Voice Vote, all members voted Yes. The Chairman declared the motion carried.

Service Committee members agreed to continue discussions on possible regulations for outdoor wood furnaces.

Service Committee members discussed an issue of flooding at Stone Crossing Golf Course. Mr. Boes indicated that the placement of 4" to 6" risers could assist in alleviating the flooding situation in this area. It was noted that a meeting with the neighbors adjacent to the unimproved portion of East Walker Street will be arranged to discuss the situation.

Mr. Boes reported that Buckeye Truck will no longer repair trucks. Mr. Boes stated that the County can perform the necessary repairs, however Mr. Mark Ellis, Law Director, has indicated that the County should only repair City trucks on an emergency basis. Service Committee members suggested other local mechanics be contacted to repair the trucks.

Mr. Boes noted that the leaf machine should be delivered in approximately two weeks.

It was noted that residents raking their leaves into the streets should be contacted by the Police Department.

Mr. Westbrook, Water Treatment Plant Supervisor, reported that the wall sections on the clear well and footers on the process building at the new Water Treatment Plant are being installed and block is being laid at the site. A tour of the project site will be held in two weeks for City Council and Service Committee members.

Mr. Westbrook also reported that a drawing will be held next Wednesday for water fowl hunts at the reservoir. Suggested dates for the hunts are October 23, 2010 through November 28, 2010 and December 18, 2010 through January 9, 2010. Service Committee members approved the dates for the hunts.

Mr. Boes reported that the City's Case loader is not running and the cost for repair is $4,500.00; and a head needs to be replaced on the City's sewer jet and the estimated cost of this repair is $4,800.00.

Mr. Boes noted that the cost for CAT to travel to the City and inspect the mini excavator, owned and offered for sale by a company from South Carolina after it was recently recovered from a theft, is $1,000.00 and the cost to haul the excavator to Toledo and have CAT perform an eight (8) hour inspection is $600.00. Service Committee members decided not to pursue the inspection and purchase of this equipment.

Mr. Boes presented a quote of $398.16 from Jack Doheny Supplies for wheels for the sewer camera. Service Committee members approved this quote.

There being no further business, the Chairman declared the meeting adjourned.

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Sarah J. Bennett, Clerk Gary Veith, Chairman

SERVICE COMMITTEE

February 7, 2011

The February 7, 2011 Service Committee meeting was called to order at 5:30 p.m. in Council Chambers by Gary Veith, Chairman. Service Committee members present were Hank Latham, Dale Rowe, and Gary Veith.

Others present included: Scott Washburn, Mayor; Aaron Putnam, Waste Water Treatment Plant Supervisor; Allen Boes, Street and Sanitation Supervisor; Nancy Lehnhart, Water Officer Manager; Marilyn Weatherholtz; Todd Jenkins, Peterman Associates; Scot Swinehart; Don Spiegel; Austin Pierce; Chanda Neely, Daily Chief Union; and Sarah Bennett, Clerk.

The following bills were presented:

	STREET	WATER	WWTP	SANITATION
Alloway		$147.00		
Altec Parts	$2,221.38			
Automated Petroleum	$999.00	$299.85	$199.16	$670.25
Bonded Chemicals, Inc.		$3,220.07		
Brown Supply Company		$411.23		
Buckeye Truck Center	$142.77			
Cargill Salt	$9,875.37			
County Enviromental			$5,047.64	$13,775.81
Fox's Auto Body, Inc.		$150.00		
Fastenal	$28.31			$9.11
Fire Safety Services	$167.00			
Ginosko Laboratories			$312.00	
Green Guard		$52.91		
Gledhill Road Machinery Co.	$1,064.56			
Grainger			$111.54	
HD Supply Waterworks		$336.38		
Jack Doheny Supplies			$1,091.04	
Jones Chemicals inc.		$210.00		
Kerr's Auto Service		$191.84		
Kinzua Enviromental		$96.00		
Kirbys Sand & Gravel	$168.70			
L & T Danner Enterprise			$2,000.00	
New Haven Supply Company		$70.03		
Newell- Johnson Insurance		$200.00		
NRP Midwest, LLC			$1,323.00	
North Central Laboratories			$407.01	
Operator Training Comm.		$1,710.00		
Ohio Utilities Protection		$90.31	$90.31	$90.32
Osburn Associates, Inc.	$2,531.00			
Pfeifer Hardware	$86.11	$62.87	$28.99	$40.45
Rall's Automotive				$1,313.73
Rall Supply	$20.61			
Rarey Roth, Inc.		$10,043.00		
Romich Sales & Service		$37.60		
Sarah Bennett		$89.01	$89.02	$89.02
S & S Porta Johns & Septic		$150.00		
Schilling Propane		$36.00		
SM Fabrication				$398.35
Smartbill		$481.89	$481.90	$481.90
Truck Sales & Service	$915.31			$34.91
Upper Auto Parts	$354.88	$65.00		$113.82
Wilson Tire Company	$1,837.00	$207.40		$331.95
TOTALS	**$20,412.00**	**$18,358.39**	**$11,181.61**	**$17,349.62**

	GENERAL	POLICE/FIRE	CAPT. IMP	PARK
Automated Petroleum	$35.31	$193.79		$255.65
Cargill Salt	$19,169.84			
The Chamber of Commerce	$60.00			
Pfeifer Hardware		$45.71		$170.13
Romich Sales & Service		$121.85		
Upper Auto Parts		$423.16		$58.27
Wilson Tire Company		$14.00		
TOTALS	**$19,265.15**	**$798.51**	**$0.00**	**$484.05**

GRAND TOTAL	**$87,849.33**

A motion was made by Mr. Rowe, seconded by Mr. Latham, for the approval and payment of bills totaling $87,849.33. Upon Voice Vote, all members voted Yes. The Chairman declared the motion carried.

The minutes of the January 17, 2011 Service Committee meeting, having been mailed to each Service Committee member, were approved as received.

The minutes of the January 20, 2011 special Service Committee meeting, having been mailed to each Service Committee member, were approved as received.

Mrs. Marilyn Weatherholtz, 333 West Hicks Street, addressed the Service Committee and expressed a complaint due to the increase in water rates. Mr. Veith explained the reasons for the increased rates including the new water plant mandated by the EPA and other related expenses. Ms. Nancy Lehnhart, Water Office Manager, explained Mrs. Weatherholtz's recent water useage and it was determined that Mrs. Weatherholtz may have a water leak in her home. It was noted that the City will check the meter at Mrs. Weatherholtz's home to determine if it is working properly.

Mr. Todd Jenkins, Peterman Associates, presented Service Committee members with results from the Upper Sandusky Sewer System Study performed including inspection and mapping, hydraulic capacity analysis, flow monitoring, and alternatives/analysis and potential options. Mr. Jenkins explained areas of concern and noted these items will be further investigated. Mr. Jenkins indicated that the final report is due to the EPA on October 31, 2011.

City crews were complimented on the job they have done plowing and removing snow.

Mr. Aaron Putnam, Waste Water Treatment Plant Supervisor, reported that Mr. Keith Niederkohr, Waste Water Treatment Plant employee, has successfully acquired his Class II Waste Water Operators license and is eligible for the $25.00 per month merit wage increase associated with obtaining this license.

A motion was made by Mr. Veith, seconded by Mr. Rowe, to approve a $25.00 per month merit wage increase to Mr. Keith Niederkohr, Waste Water Treatment Plant employee, for acquiring his Class II Waste Water Operators license. Upon Voice Vote, all members voted Yes. The Chairman declared the motion carried.

Mr. Putnam also noted that Mr. Mike Mosman, Waste Water Treatment Plant employee, has indicated that he will be retiring effective March 31, 2011. Mr. Putnam recommended the Service Committee replace Mr. Mosman's position. Service Committee members discussed the possibility of opening this position to other departments.

A motion was made by Mr. Latham, seconded by Mr. Rowe, to open the upcoming position at the Waste Water Treatment Plant to other departments within the City. Upon Voice Vote, all members voted Yes. The Chairman declared the motion carried.

Mr. Latham shared a sample pay scaled obtained from the Police Department and Service Committee members discussed establishing a pay scale for City labor pool employees (non-operators). Mayor Washburn will obtain current employee hourly wage amounts and present this information to the Service Committee.

Mr. Putnam reported that the invoice to repair the blower at the Waste Water Treatment Plant was received and the cost was $4,200.00. The Service Committee approved $2,200.00 for this repair however this cost did not include the bearing housing, it was for the bearings only. The invoice received also included overtime, and after discussion with Peachtree this expense will be eliminated from the invoice. Mr. Putnam noted that the invoice will be revised but will be higher than the $2,200.00 originally presented and approved for this repair.

Ms. Lehnhart reported on a duplex where the landlord rerouted the plumbing and the water for both units is running through one meter and one tenant is being expected to pay the entire bill. Ms. Lehnhart indicated that the landlord currently owes for outstanding water bills and some of these bills have been assessed on his property taxes while additional bills have accumulated and remain outstanding. Service Committee members agreed to give the landlord thirty (30) days to change the water bill for the duplex over into his name provided all of his past due bills (not including the bills assessed on his property taxes) have been paid in full and he provides the Water Department access to another unoccupied building he owns to shut the water off at that site.

Mr. Allen Boes, Street and Sanitation Supervisor, indicated that Southeastern Equipment will be demonstrating a street sweeper at the City garage on Tuesday, February 15, 2011 at 9:00 a.m.

Mr. Boes expressed his appreciation to the Waste Water Treatement Plant employees for their assistance with snow removal in the downtown area.

Mayor Washburn reported that the City will begin conducting exit interviews for employees leaving or retiring.

There being no further business, the Chairman declared the meeting adjourned.

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Sarah J. Bennett, Clerk Gary Veith, President

Service Committee
January 17, 2012

The January 17th, 2012 Service Committee meeting was called to order in Council Chambers at 5:30 p.m. by Mr. Chad Smith, Chairman. Members present included Chad Smith, Hank Latham and Dale Rowe.

Others present included: Scott D. Washburn, Mayor; Aaron Putnam, Wastewater Treatment Plant Supervisor; David Westbrook, Water Plant Supervisor; Allen Boes, Street Supervisor; Evie Hall Case; Rick Roberts; Don Spiegel; Lynn Passet, Time Staffing; Todd Jenkins, Peterman & Associates; Scott Weasel, Peterman & Associates; and Linda K. Stansbery, Administrative Assistant.

The following bills were presented:

	STREET	WATER	WWTP	SANITATION
AEP		$12,910.13		
Automated Petroluem	$555.67	$179.97	$108.05	$527.36
Automated Petroluem	$355.44	$70.20		$535.74
Alloway		$717.00	$206.00	
Apple Scientific		$506.25		
Bell Equipment	$111.26			
Bill Dunlap		$1,610.00		
Buckeye Pumps			$2,978.00	
Fastenal	$917.06			
Gardner Denver			$21,554.96	
Gottfried Electric			$267.60	
Fastenal	$63.86			
Green Guard				$37.11
Kleem	$232.95			
Koehler Drug		$15.99		
HD Waterworks		$529.36		
Momar		$72.36		
North Shore Pump		$270.03		
North Central Labs			$188.30	
Path Master	$704.00			
Romichs		$180.23		
Smart Bill			$1,826.58	
S&S		$150.00		
UPS		$18.68		
USA Bluebook		$149.95		
Wyandot Tractor	$2,029.00			
TOTALS	**$4,969.24**	**$17,380.15**	**$27,129.49**	**$1,100.21**

	GENERAL	POLICE/FIRE	CAPT. IMP	PARK
A 1 Printing	$65.24			
A&A Grocery	$98.90	$98.92		
Automated Petroluem	$70.94	$195.56		
Automated Petroluem		$125.82		$110.86
Angeline	$139.72			
AT & T		$768.97		
Municipal Judges Assoc.	$110.00			
Indigent Driver Fund	$225.00			
Carl Harris Electric	$1,061.56			
US Chamber	$475.00			
Clemans Nelson	$315.00			
Columbia Gas	$2,915.94			
Comethost	$408.00			

Daily Chief	$10.60			
Design Works	$22.50			
EMA	$6,103.35			
Green Guard		$42.03		
Harris Computers	$8,164.10			
Jr Equipment				$760.44
Office Depot		$50.81		
Ohio Fire Academy		$500.00		
Ohio Judicial Conference	$100.00			
Ohio Municipal League	$1,117.00			
Poggeymeyer	$122.25			
Peacock				$6.50
Pfeifer Hardware	$709.77			
Quill	$14.21			
Rall Supply	$225.33			
Rarey Roth	$156.00			
Romichs				$252.26
Municipal Clerks	$175.00			
S&S				$75.00
Treasurer State of Ohio	$259.25			
Wyandot County Visitors B	$4,453.82			
Wy Co. Law Library	$1,991.60			
Consolidated Electrical			$82,400.00	
TOTALS	**$29,510.08**	**$1,782.11**	**$82,400.00**	**$1,205.06**
GRAND TOTAL	**$165,476.34**			

A motion was made by Mr. Chad Smith, seconded by Mr. Dale Rowe, for the approval and payment of bills totaling $165,476.34. Upon Voice Vote, all members voted Yes. The Chairman declared the motion carried.

The minutes of the January 3rd, 2012 Service Committee meeting, having been mailed to each member, were approved as received.

Mr. Lynn Passet, Upper Sandusky, presented a proposal to the Service Committee for use of temporary workers through Time Staffing. Mr. Passet noted that costs for temporary employees would be based on job description and workers' compensation rates. The Service Committee thanked Mr. Passet for his proposal.

Mr. Todd Jenkins and Mr. Scott Weasel, Peterman & Associates, Findlay, Ohio, addressed the Service Committee regarding a long term control plan for plant bypass elimination and a storm sewer study. Mr. Jenkins noted that city currently has 15 combined sewer overflows (CSO'S) which had been reported eliminated which is in violation with OEPA. OEPA requires progress to be made to correct bypass elimination by April 15, 2015.

Discussion was held concerning the need for a feasibility study/control plan. It was noted that a control plan is necessary in order to eliminate basement flooding or other flooding incidents. It is also necessary in order to determine the type of improvements needed to be made in order to compliant with OEPA regulations.

A motion was made by Mr. Hank Latham, seconded by Mr. Dale Rowe, to recommend to City Council to enter into an agreement with Peterman & Associates for a long term control plan and storm sewer study for $259,500. Upon Voice Vote, all members voted Yes. The Chairman declared the motion carried.

At this time, Mrs. Evie Hall Case addressed the committee regarding the repair of Guthrie Drive. Mr. Allen Boes noted that repairs have been made to this area.

Mr. Dave Westbrook reported that the new water plant is up and running on full automation. He also noted that the current distribution maps will require updating.

Mr. Allen Boes reported on the deteriorating condition of Indian Mill Road. John Hull of Hull & Associates will be asked to attend the February 6th meeting to discuss options for this project.

Discussion was held concerning the purchase of two mowers from Schmidt Machine for use by the Water Plant and the Park Department. Costs were quoted at $9,950 for both mowers with trade in. A motion was made by Mr. Chad Smith, seconded by Mr. Dale Rowe, to authorize the abovementioned purchase. Upon Voice Vote, all members voted Yes. The Chairman declared the motion carried.

Discussion was held concerning a recommendation from the Safety Committee to eliminate residency requirements for all full-time employees. A motion was made by Mr. Hank Latham, seconded by Mr. Dale Rowe, to recommend to City Council to eliminate residency requirements for full-time city employees. Upon Voice Vote, all members voted Yes. The Chairman declared the motion carried.

Discussion was concerning additional compensation for the sanitation department as per the payroll ordinance. The Service Committee voiced no objections to this compensation.

Discussion was held concerning an increase of the sewer fee by $1.25 for a total of $6.50 per thousand gallons. A motion was made by Mr. Hank Latham, seconded by Mr. Dale Rowe, to recommend to City Council to increase the sewer fee by $1.25 for a total of $6.50 per thousand gallons. Upon Voice Vote, all members voted Yes. The Chairman declared the motion carried.

There being no further business, the meeting was adjourned.

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Linda K. Stansbery, Administrative Assistant	Chad Smith, Chairman

CITY COUNCIL

February 6, 2012

The February 6, 2012 City Council meeting was called to order at 7:30 p.m. in Council Chambers by Don Spiegel, President. A moment of silence was observed followed by the Pledge of Allegiance to the Flag of the United States of America. City Council members present were Chad Smith, Don Spiegel, Scot Swinehart, Bill Thornton, Evie Hall-Case, Kyle McColly, and Rick Roberts.

Others present included: Scott Washburn, Mayor; Mark Ellis, Law Director; Aaron Putnam, Waste Water Treatment Plant Supervisor; Mike Schoenberger, Schoenberger Tree Service; Todd Jenkins, Peterman Associates; Charlie Dodge, Peterman Associates; Shelly Thornton; Roxy Karg; Linda Kauble; Bob Steiert; Chanda Neely, Daily Chief Union; and Sarah Bennett, Clerk.

The minutes of the January 17, 2012 City Council meeting, having been mailed to each City Council member, were approved as received.

The minutes of the January 17, 2012 Service Committee meeting, having been mailed to each City Council member, were reviewed.

The minutes of the January 30, 2012 special Safety Committee meeting, having been mailed to each City Council member, were reviewed.

Mr. Mike Schoenberger, Schoenberger Tree Service, expressed his opposition to the increase in the tree permit fee being considered by City Council, as contained in Ordinance No. 83-12.

Ms. Roxy Karg requested City Council consider dog tethering legislation. Ms. Karg presented proposed regulations to be included in a tethering ordinance, and also guidelines concerning permissible types of shelters or enclosures. This matter was referred to the Safety Committee for their consideration and recommendation due to enforcement issues and potential legal circumstances.

A motion was made by Mr. Swinehart, seconded by Mr. McColly, to place Ordinance No. 83-12 entitled, "AN ORDINANCE AMENDING THE FEE FOR A PERSON OR PROPERTY OWNER TO REMOVE, PRUNE OR TRIM A TREE LOCATED IN THE STREET RIGHT OF WAY, AS CONTAINED IN SECTION 905.03(B) OF THE CODIFIED ORDINANCES OF THE CITY OF UPPER SANDUSKY.", on its second reading by title only.

After further discussion, a motion was made by Mr. Roberts, seconded by Mrs. Hall-Case, to table the second reading of Ordinance No. 83-12 until the issue is further reviewed. Upon Roll Call, all members voted Yes. The President declared the motion carried.

A motion was made by Mr. Swinehart, seconded by Mr. Thornton, to place Ordinance No. 84-12 entitled, "AN ORDINANCE AMENDING SECTION 151.01 OF THE CITY OF UPPER SANDUSKY CODIFIED ORDINANCES RELATING TO RESIDENCY REQUIREMENTS OF EMPLOYEES.", on its first reading by title only. Upon Roll Call, all members voted as follows:

Mr. Smith	-	Yes
Mr. Spiegel	-	Yes
Mr. Swinehart	-	Yes
Mr. Thornton	-	Yes
Mrs. Hall-Case	-	No
Mr. McColly	-	Yes
Mr. Roberts	-	Yes

The President declared the motion carried by a 6-1 vote. The Clerk read Ordinance No. 84-12 for the first time by title only.

Mr. Todd Jenkins, Peterman Associates, presented information concerning the City of Upper Sandusky Long Term Control Plan and Storm Sewer Study including an outline of the steps involved in the feasibility study for the plant bypass elimination, the elements to be considered in the long term control plan, items required for the storm sewer study, and details about flow metering. It was noted that an application will be submitted to the Ohio Water Development Authority (OWDA) to finance the City of Upper Sandusky Long Term Control Plan and Storm Sewer Study which is expected to cost the City $259,500.00.

A motion was made by Mr. Smith, seconded by Mr. Thornton, to place Ordinance No. 85-12 entitled, "AN ORDINANCE AUTHORIZING AN AGREEMENT FOR PROFESSIONAL SERVICES FOR THE UPPER SANDUSKY LONG TERM CONTROL PLAN AND STORM SEWER SYSTEM STUDY BETWEEN THE CITY OF UPPER SANDUSKY AND PETERMAN ASSOCIATES, INC.", on its first reading by title only, as amended to include the emergency clause. Upon Roll Call, all members voted Yes; the President declared the motion carried. The Clerk read Ordinance No. 85-12 for the first time by title only.

A motion was made by Mr. Smith, seconded by Mr. Swinehart, to place Ordinance No. 86-12 entitled, "AN ORDINANCE AMENDING ORDINANCE NO. 38-12, ESTABLISHING NEW RATES FOR SEWER SERVICES TO BECOME EFFECTIVE APRIL 1, 2012.", on its first reading by title only. Upon Roll Call, all members voted Yes; the President declared the motion carried. The Clerk read Ordinance No. 38-12 for the first time by title only.

A motion was made by Mr. Swinehart, seconded by Mr. Thornton, to place Ordinance No. 87-12 entitled, "AN ORDINANCE AUTHORIZING THE THREE YEAR LEASE OF TWO POLICE CRUISERS.", on its first reading by title only. Upon Roll Call, all members voted Yes; the President declared the motion carried. The Clerk read Ordinance No. 87-12 for the first time by title only.

A motion was made by Mr. Swinehart, seconded by Mr. Spiegel, to place Resolution No. 88-12 entitled, "A RESOLUTION AUTHORIZING THE MAYOR TO ENTER INTO A REVOLVING LOAN FUND ADMINISTRATION AGREEMENT BETWEEN THE CITY OF UPPER SANDUSKY AND THE STATE OF OHIO, DEPARTMENT OF DEVELOPMENT, AND DECLARING THIS AN EMERGENCY.", on its first reading by title only. Upon Roll Call, all members voted Yes; the President declared the motion carried. The Clerk read Resolution No. 88-12 for the first time by title only.

City Council members reviewed the list of recommended members of the Charter Review Commission, with each City Council member having recommended one member to the commission. It was noted that the Board of Elections has verified that each of the recommended members are qualified electors of the City, as required by the Charter (Section 17.08 Charter Review).

Mr. Roberts inquired as to if any progress has been made on the clean up of properties as discussed during the January 12, 2012 Public Hearing held before the Planning Commission. Mayor Washburn reported that the Zoning Inspector, Street Department Supervisor, and Fire Chief have inspected several properties and notices will be mailed to the property owners in the near future.

Mr. Swinehart inquired as to the status of the home located at 208 West Bigelow Street that burned in September of 2012. It was noted that this fire is still under investigation as arson is suspected.

Mr. Spiegel reported that he and Mayor Washburn recently visited the site of the old Water Treatment Plant as the demolition of plant is currently underway.

Mayor Washburn presented his State of the City.

There being no further business, the President declared the meeting adjourned.

_____ _____

Sarah J. Bennett, Clerk

Don Spiegel, President

CITY COUNCIL

February 20, 2012

The February 20, 2012 City Council meeting was called to order at 7:30 p.m. in Council Chambers by Don Spiegel, President. A moment of silence was observed followed by the Pledge of Allegiance to the Flag of the United States of America. City Council members present were Don Spiegel, Scot Swinehart, Bill Thornton, Kyle McColly, Rick Roberts, and Chad Smith. Evie Hall-Case was absent.

Others present included: Scott Washburn, Mayor; Mark Ellis, Law Director; Todd Jenkins, Peterman Associates; Greg Knestrick, Peterman Associates; Mary Snyder; Chanda Neely, Daily Chief Union; and Sarah Bennett, Clerk.

The minutes of the February 6, 2012 City Council meeting, having been mailed to each City Council member, were approved as amended.

The minutes of the February 6, 2012 Service Committee meeting, having been mailed to each City Council member, were reviewed.

The minutes of the February 6, 2012 Safety Committee meeting, having been mailed to each City Council member, were reviewed.

The minutes of the February 9, 2012 Planning Commission meeting, having been mailed to each City Council member, were reviewed.

The minutes of the February 13, 2012 Park Board meeting, having been mailed to each City Council member, were reviewed.

A motion was made by Mr. Swinehart, seconded by Mr. Spiegel, to remove Ordinance No. 83-12 from the table. Upon Roll Call, all members voted Yes. The President declared the motion carried.

Discussion was held concerning Ordinance No. 83-12. Mr. Mark Ellis, Law Director, indicated that he reviewed the language contained in the Ordinance and added, "per parcel owner per project" to the proposed $25.00 tree permit fee. It was noted that under this Ordinance, a property owner will be charged $25.00 to remove, prune, or trim any number of trees located in the street right of way on one property, and should the property owner own two adjoining parcels and want to remove, prune, or trim trees located on both parcels the total cost for these projects would be $50.00.

A motion was made by Mr. Thornton, seconded by Mr. Roberts, to approve the amendment to the language in Ordinance No. 83-12 to include, "per parcel owner per project". Upon Roll Call, all members voted Yes. The President declared the motion carried.

A motion was made by Mr. Swinehart, seconded by Mr. Thornton, to place Ordinance No. 83-12 entitled, "AN ORDINANCE AMENDING THE FEE FOR A PERSON OR PROPERTY OWNER TO REMOVE, PRUNE OR TRIM A TREE LOCATED IN THE STREET RIGHT OF WAY, AS CONTAINED IN SECTION 905.03(B) OF THE CODIFIED ORDINANCES OF THE CITY OF UPPER SANDUSKY.", on its second reading by title only as amended. Upon Roll Call, all members voted Yes; the President declared the motion carried. The Clerk read Ordinance No. 83-12 for the second time by title only as amended.

A motion was made by Mr. Swinehart, seconded by Mr. Spiegel, to for the adoption of Ordinance No. 83-12. Upon Roll Call, all members voted Yes. The President declared the motion carried and Ordinance No. 83-12 was duly adopted.

A motion was made by Mr. Swinehart, seconded by Mr. Thornton, to place Ordinance No. 84-12 entitled, "AN ORDINANCE AMENDING SECTION 151.01 OF THE CITY OF UPPER SANDUSKY CODIFIED ORDINANCES RELATING TO RESIDENCY REQUIREMENTS OF EMPLOYEES.", on its second reading by title only. Upon Roll

Call, all members voted Yes; the President declared the motion carried. The Clerk read Ordinance No. 84-12 for the second time by title only.

A motion was made by Mr. Smith, seconded by Mr. Swinehart, for the adoption of Ordinance No. 84-12. Upon Roll Call, all members voted Yes. The President declared the motion carried and Ordinance No. 84-12 was duly adopted.

A motion was made by Mr. Smith, seconded by Mr. Thornton, to place Ordinance No. 85-12 entitled, "AN ORDINANCE AUTHORIZING AN AGREEMENT FOR PROFESSIONAL SERVICES FOR THE UPPER SANDUSKY LONG TERM CONTROL PLAN AND STORM SEWER SYSTEM STUDY BETWEEN THE CITY OF UPPER SANDUSKY AND PETERMAN ASSOCIATES, INC., AND DECLARING THIS ACT AN EMERGENCY.", on its second reading by title only. Upon Roll Call, all members voted Yes; the President declared the motion carried.

A motion was made by Mr. Swinehart, seconded by Mr. Thornton, for the adoption of Ordinance No. 85-12. Upon Roll Call, all members voted Yes. The President declared the motion carried and Ordinance No. 85-12 was duly adopted.

A motion was made by Mr. Smith, seconded by Mr. Swinehart, to place Ordinance No. 86-12 entitled, "AN ORDINANCE AMENDING ORDINANCE NO. 38-12, ESTABLISHING NEW RATES FOR SEWER SERVICES TO BECOME EFFECTIVE APRIL 1, 2012.", on its second reading by title only. Upon Roll Call, all members voted Yes; the President declared the motion carried. The Clerk read Ordinance No. 86-12 for the second time by title only.

A motion was made by Mr. Swinehart, seconded by Mr. Smith, for the adoption of Ordinance No. 86-12. Upon Roll Call, all members voted Yes. The President declared the motion carried and Ordinance No. 86-12 was duly adopted.

A motion was made by Mr. Swinehart, seconded by Mr. McColly, to place Ordinance No. 87-12 entitled, "AN ORDINANCE AUTHORIZING THE THREE YEAR LEASE OF TWO POLICE CRUISERS.", on its second reading by title only. Upon Roll Call, all members voted Yes; the President declared the motion carried. The Clerk read Ordinance No. 87-12 for the second time by title only.

A motion was made by Mr. Swinehart, seconded by Mr. Spiegel, for the adoption of Ordinance No. 87-12. Upon Roll Call, all members voted Yes. The President declared the motion carried and Ordinance No. 87-12 was duly adopted.

A motion was made by Mr. Smith, seconded by Mr. Swinehart, to place Resolution No. 88-12 entitled, "A RESOLUTION AUTHORIZING THE MAYOR TO ENTER INTO A REVOLVING LOAN FUND ADMINISTRATION AGREEMENT BETWEEN THE CITY OF UPPER SANDUSKY AND THE STATE OF OHIO, DEPARTMENT OF DEVELOPMENT, AND DECLARING THIS AN EMERGENCY.", on its second reading by title only. Upon Roll Call, all members voted Yes; the President declared the motion carried. The Clerk read Resolution No. 88-12 for the second time by title only.

A motion was made by Mr. Roberts, seconded by Mr. Thornton, for the adoption of Resolution No. 88-12. Upon Roll Call, all members voted Yes. The President declared the motion carried and Resolution No. 88-12 was duly adopted.

A motion was made by Mr. Swinehart, seconded by Mr. Smith, to place Ordinance No. 89-12 entitled, "AN ORDINANCE AUTHORIZING A COOPERATIVE AGREEMENT FOR PLANNING OF THE UPPER SANDUSKY SEWER SYSTEM LONG TERM CONTROL PLAN PROJECT BETWEEN THE CITY OF UPPER SANDUSKY AND THE OHIO WATER DEVELOPMENT AUTHORITY, AND DECLARING AN EMERGENCY.", on its first reading by title only. Upon Roll Call, all members voted Yes; the President declared the motion carried. The Clerk read Ordinance No. 89-12 for the first time by title only.

A motion was made by Mr. Smith, seconded by Mr. Swinehart, to place Resolution No. 90-12 entitled, "A RESOLUTION AUTHORIZING THE MAYOR OF THE CITY OF UPPER SANDUSKY TO PREPARE AND SUBMIT AN APPLICATION TO PARTICIPATE IN THE OHIO ENVIRONMENTAL PROTECTION AGENCY (OEPA) PROGRAM(S) FOR WATER LOANS AND LOAN FORGIVENESS AND TO EXECUTE CONTRACTS AS REQUIRED, AND DECLARING THIS ACT AN

EMERGENCY.", on its first reading by title only. Upon Roll Call, all members voted Yes; the President declared the motion carried. The Clerk read Resolution No. 90-12 for the first time by title only.

Mr. Roberts indicated that he has been in contact with downtown merchants concerning people dropping items off at the second hand store located in the 100 block of South Sandusky Avenue and the clutter at the rear of the property. Mayor Washburn indicated the Mr. Kenneth McMillan, Zoning Inspector, has sent a notification concerning this matter.

Mr. Swinehart inquired as to if fines can be issued to motorists tearing up the grassy area at the reservoir. Mayor Washburn stated that the Police Department patrols the area but due to their limited manpower they cannot stake out the area and the motorists causing the damage need to be caught or reported prior to any charges being filed. Mr. Ellis noted that the prosecutor would determine the charges and fines would be imposed based on this determination.

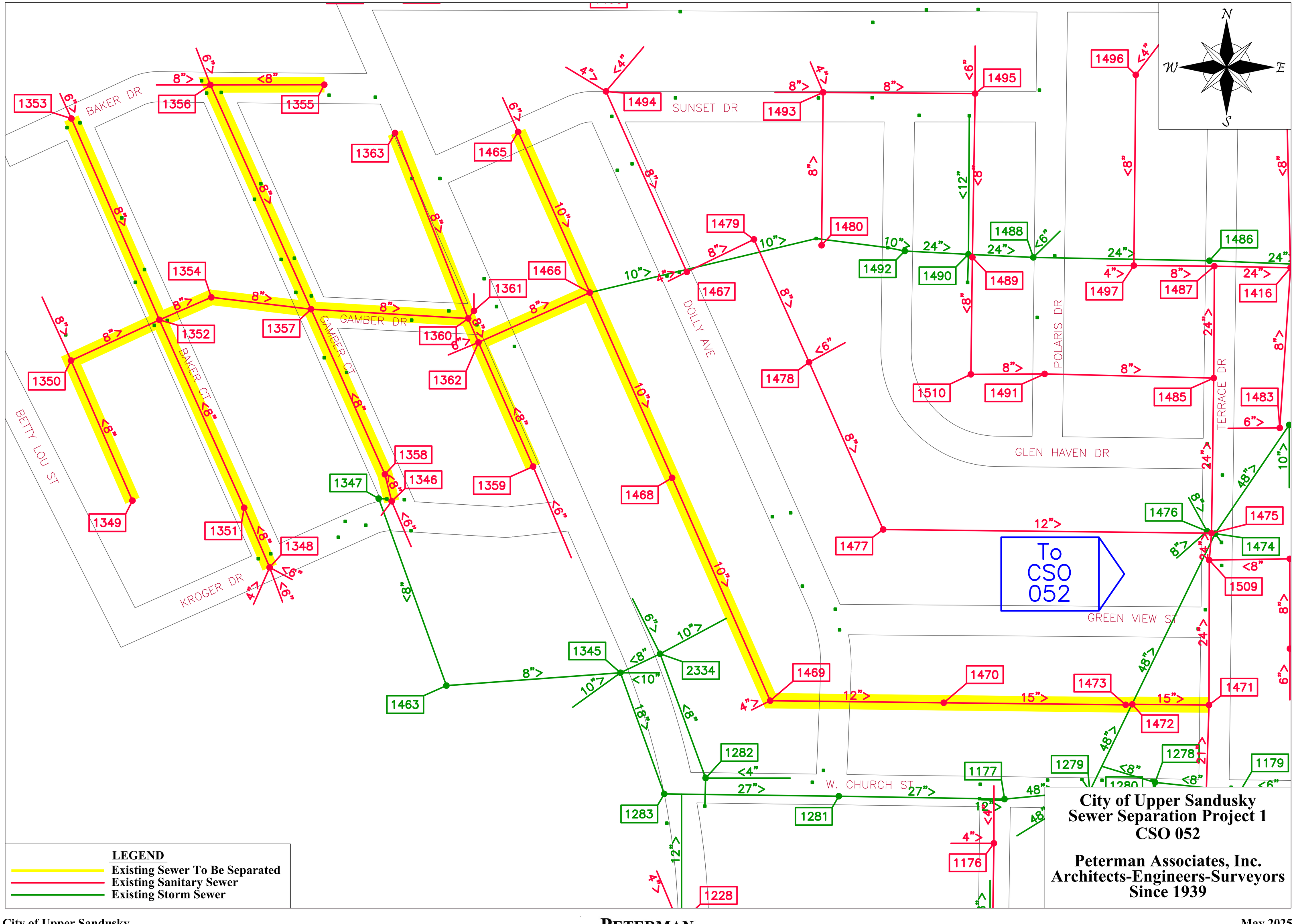
Mr. Swinehart and Mr. Spiegel both reported seeing computer monitors lying along the bank of the reservoir recently. It was noted that individuals caught dumping trash at the reservoir can be issued citations.

There being no further business, the President declared the meeting adjourned.

_____ _____

Sarah J. Bennett, Clerk Don Spiegel, President

APPENDIX E
Sewer Separation Location Maps

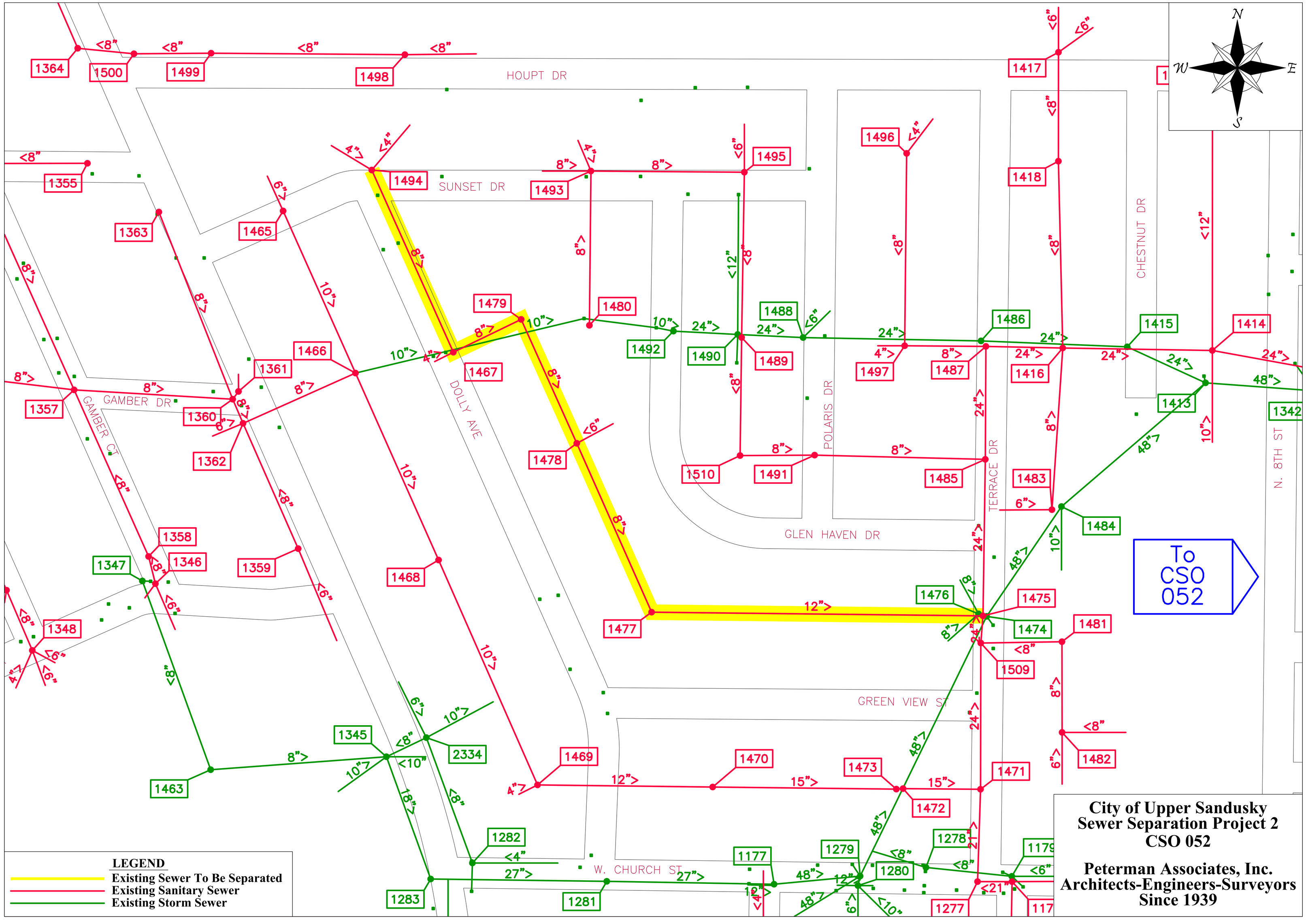


City of Upper Sandusky
CSO Long Term Control Plan
21-0157

PETERMAN ASSOCIATES, INC.
- ARCHITECTS - ENGINEERS - SURVEYORS -

May 2025

Figure 13

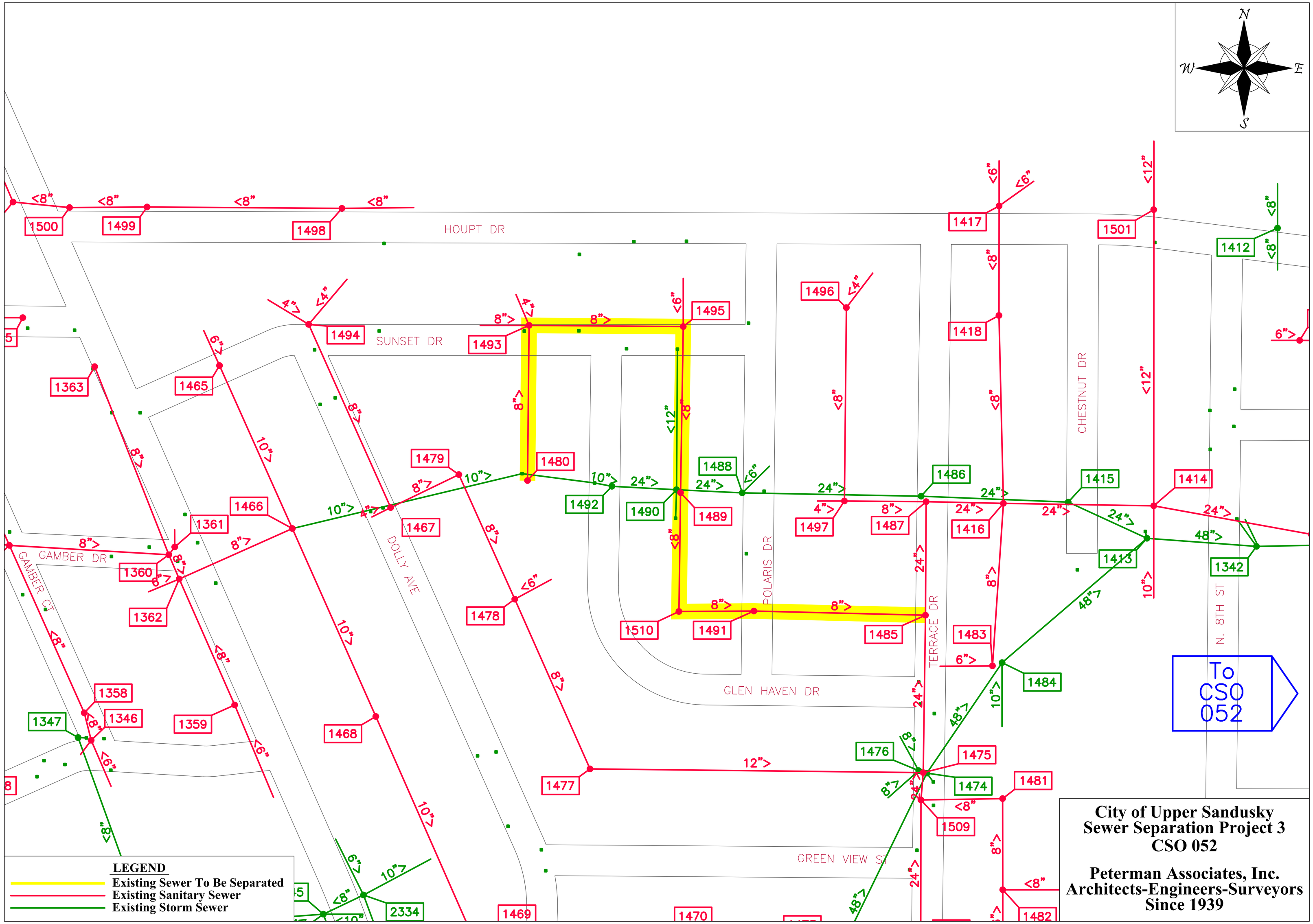


City of Upper Sandusky
CSO Long Term Control Plan
21-0157

PETERMAN ASSOCIATES, INC. - ARCHITECTS - ENGINEERS - SURVEYORS -

May 2025

Figure 14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To CSO 052
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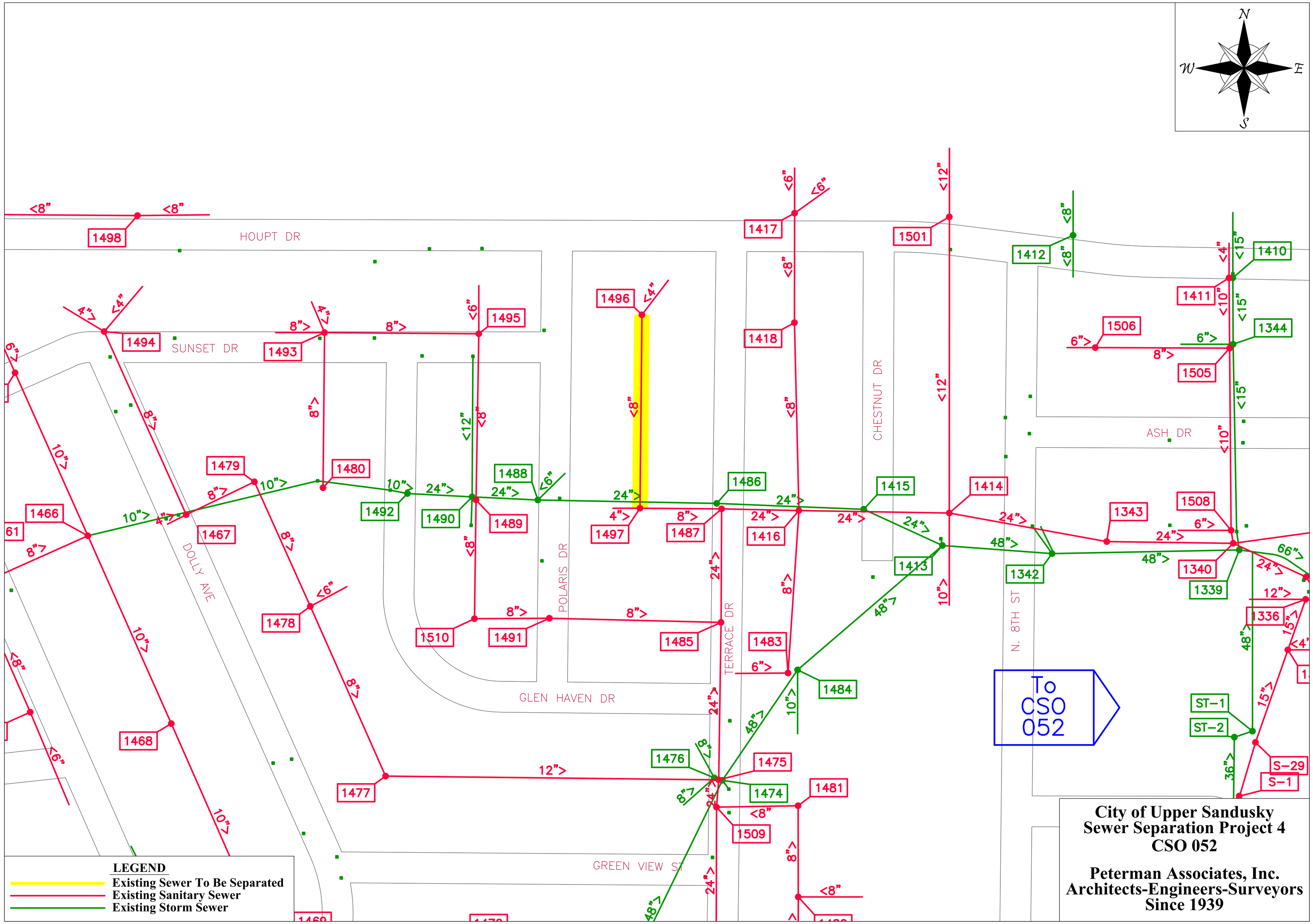
Existing Sewer To Be Separated
Existing Sanitary Sewer
Existing Storm Sewer
City of Upper Sandusky
Sewer Separation Project 3
CSO 052
Peterman Associates, Inc.
Architects-Engineers-Surveyors
Since 1939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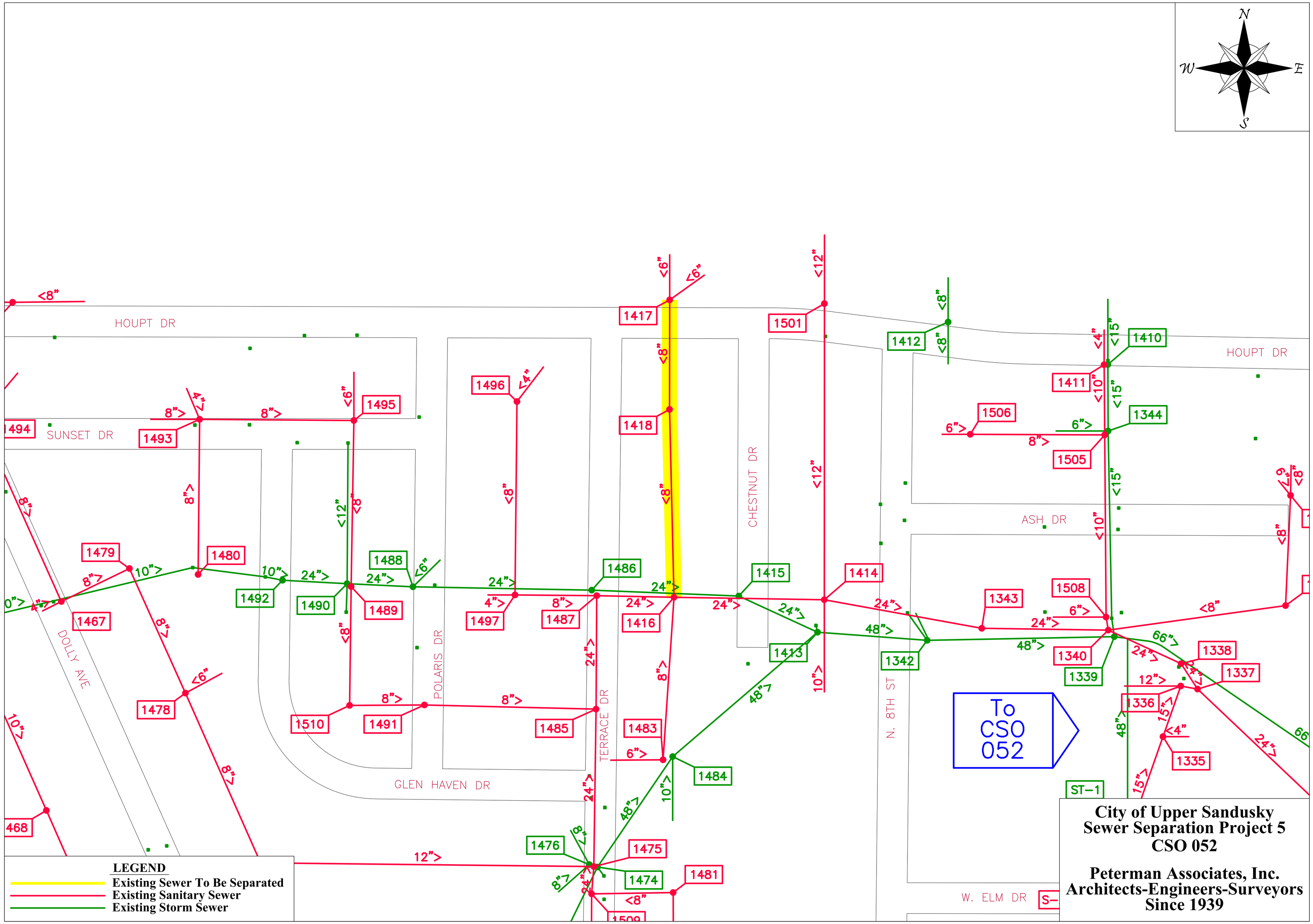
Existing Sewer To Be Separated
Existing Sanitary Sewer
Existing Storm Sewer
City of Upper Sandusky
Sewer Separation Project 4
CSO 052
Peterman Associates, Inc.
Architects-Engineers-Surveyors
Since 1939

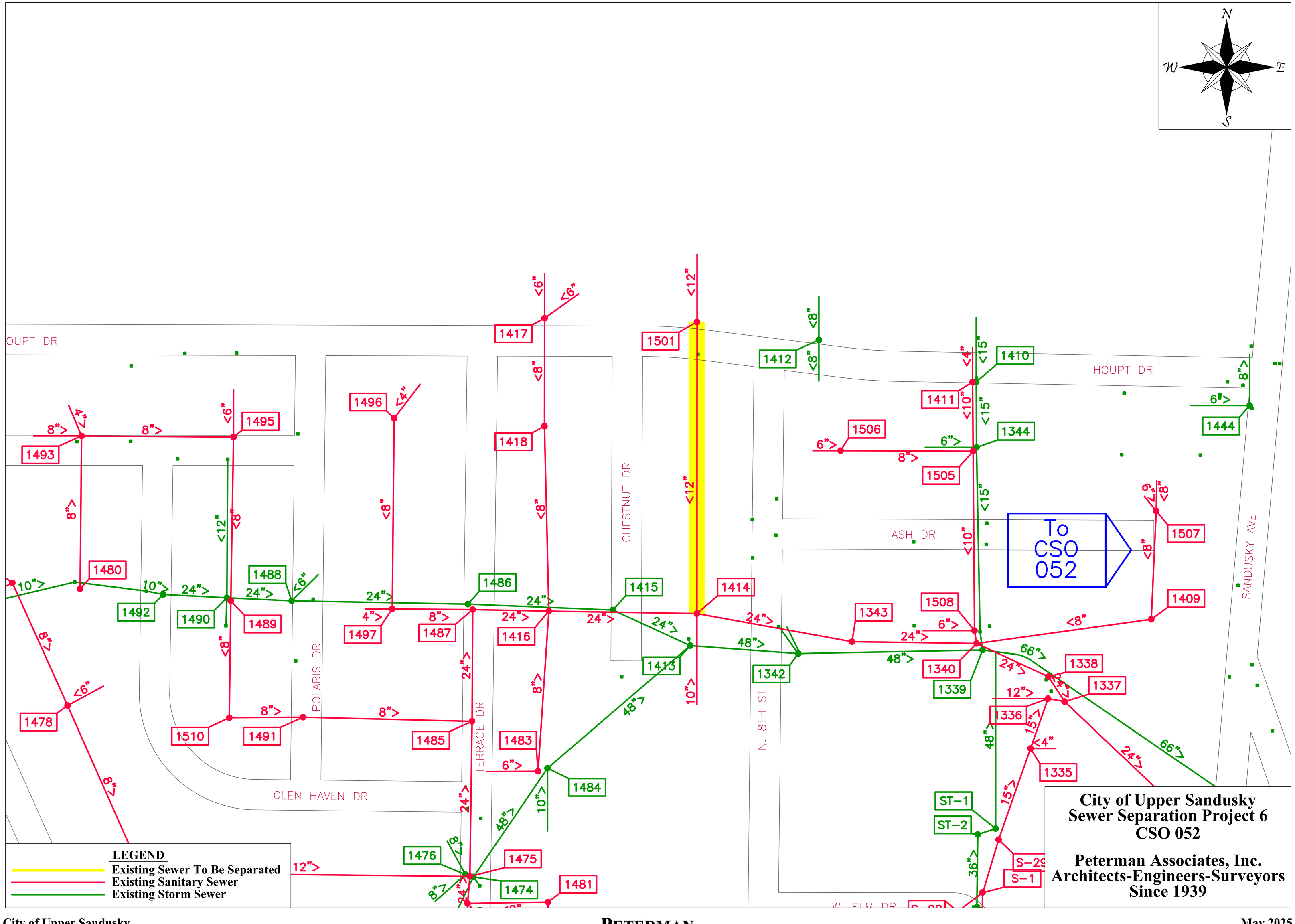


City of Upper Sandusky
CSO Long Term Control Plan
21-0157

PETERMAN ASSOCIATES, INC.
- ARCHITECTS - ENGINEERS - SURVEYORS -

May 2025

Figure 17

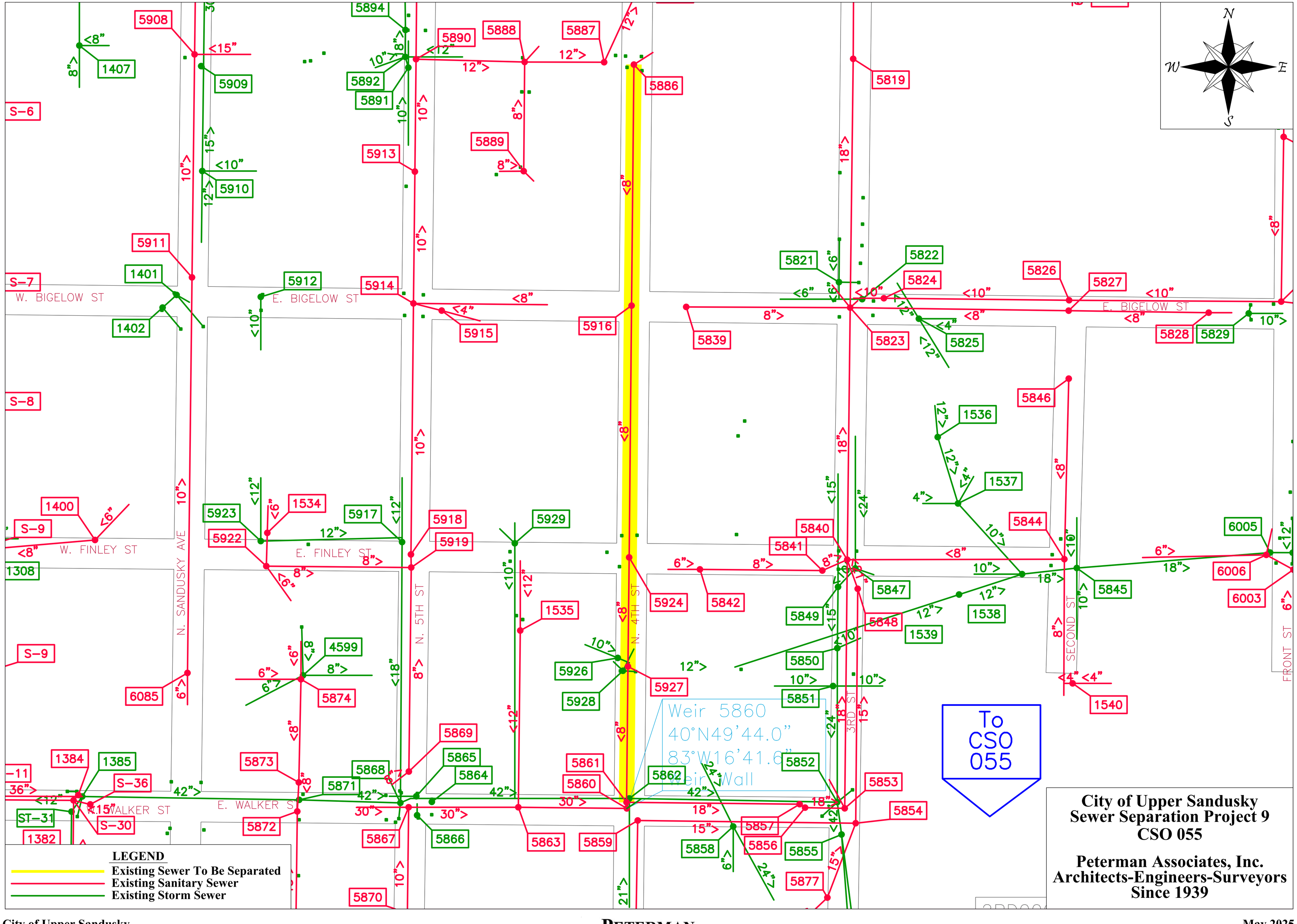


City of Upper Sandusky
CSO Long Term Control Plan
21-0157

PETERMAN ASSOCIATES, INC.
- ARCHITECTS - ENGINEERS - SURVEYORS -

May 2025

Figure 18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83°W16'41.6"
Weir Wall
To
CSO
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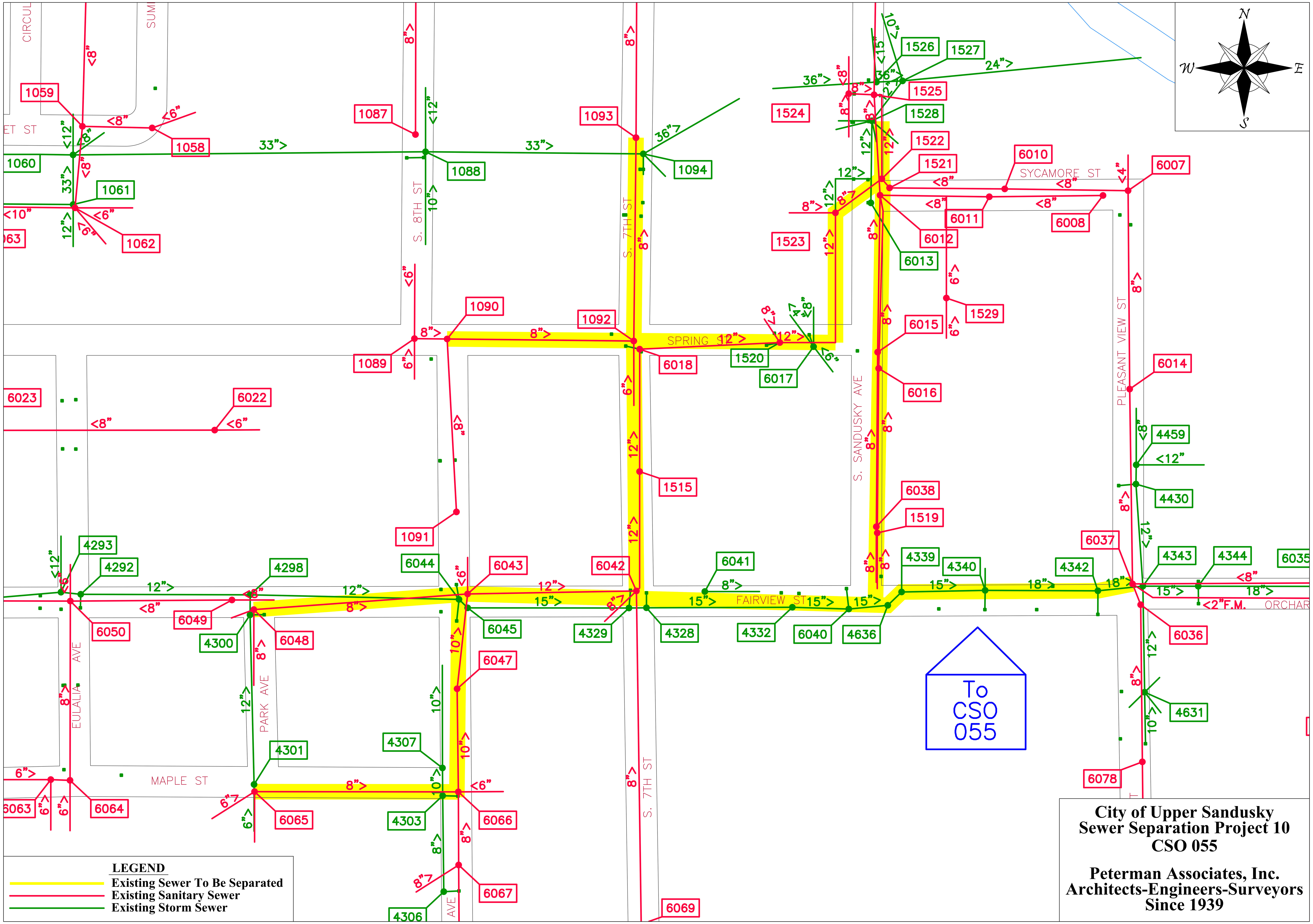
LEGEND
Existing Sewer To Be Separated
Existing Sanitary Sewer
Existing Storm Sewer
City of Upper Sandusky
Sewer Separation Project 9
CSO 055
Peterman Associates, Inc.
Architects-Engineers-Surveyors
Since 1939



LEGEND
Existing Sewer To Be Separated
Existing Sanitary Sewer
Existing Storm Sewer

City of Upper Sandusky
Sewer Separation Project 10
CSO 055

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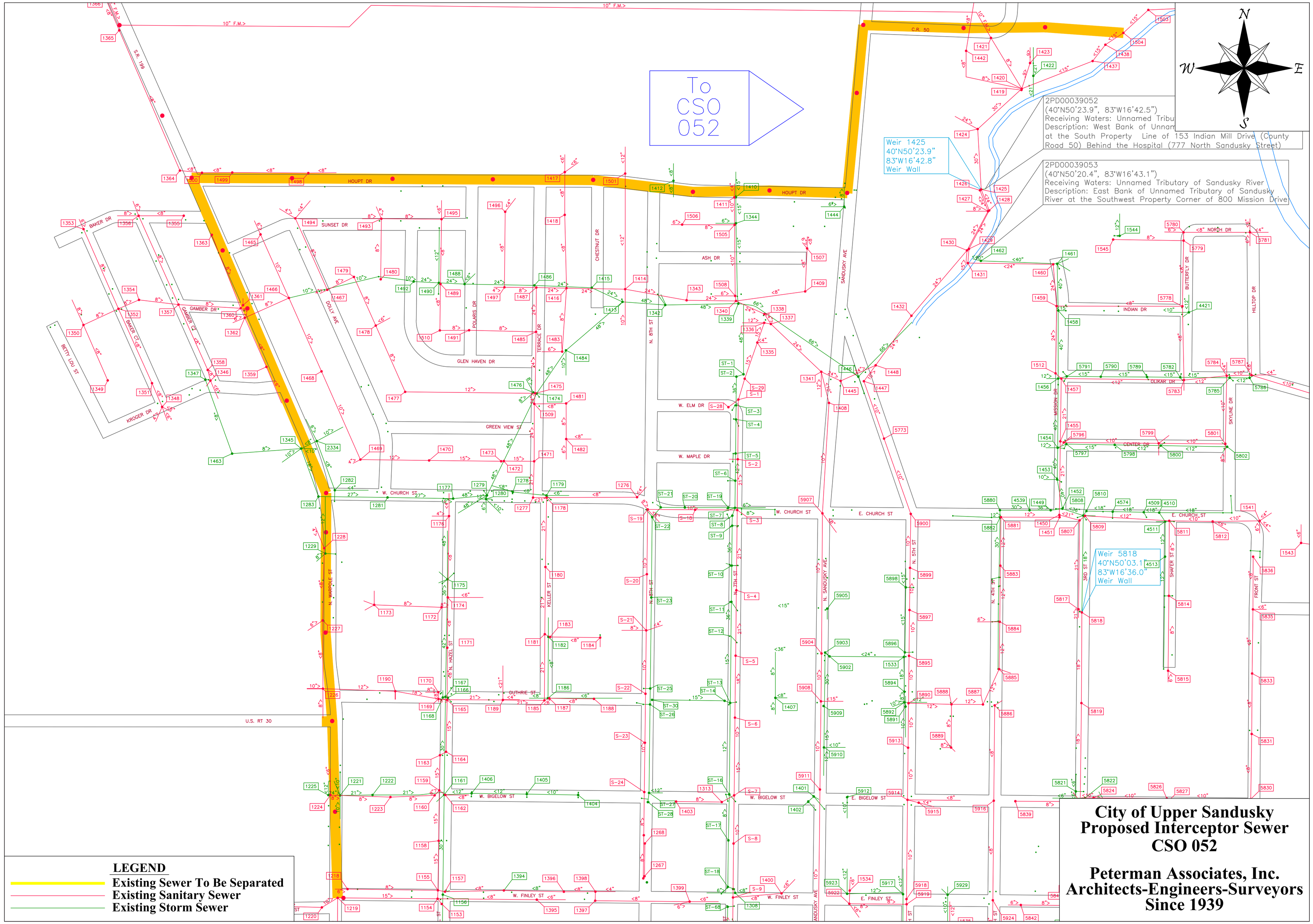
City of Upper Sandusky
CSO Long Term Control Plan
21-0157

PETERMAN ASSOCIATES, INC.
- ARCHITECTS - ENGINEERS - SURVEYORS -

May 2025

Figure 20



City of Upper Sandusky
CSO Long Term Control Plan
21-0157

PETERMAN ASSOCIATES, INC.
- ARCHITECTS - ENGINEERS - SURVEYORS -

May 2025

Figure 21

APPENDIX F
City of Upper Sandusky Financial Capability Assessment

City of Upper Sandusky

Financial Capability Assessment Worksheet Analysis

PREPARED FOR:

City of Upper Sandusky
119 North 7th Street
Upper Sandusky, Ohio 43351
May 2025

3480 North Main Street
Findlay, Ohio 45840
Phone: 419-422-6672Fax: 419-422-9466
petermansw@aol.com
www.petermanaes.com

PETERMAN ASSOCIATES, INC.
- ARCHITECTS - ENGINEERS - SURVEYORS -

Table of Contents

Introduction

The Combined Sewer Overflow (CSO) Control Policy issued by the U.S. EPA establishes a strategy for controlling discharges from CSO's subject to the National Pollutant Discharge Elimination System (NPDES) and the Clean Water Act (CWA) in order to meet appropriate health and environmental standards. The guidance document provides an approach to achieve cost effective CSO controls while considering a community's financial capability. Evaluations of the community's financial capability are utilized to develop a long term control plan (LTCP) for controlling CSO's.

The CSO Financial Capability Assessment approach consists of two phases that are developed through the completion of ten worksheets as follows:

- **Worksheet 1: Cost Per Household (CPH)**
- **Worksheet 2: Residential Indicator**
- **Worksheet 3: Bond Rating**
- **Worksheet 4: Overall Net Debt as a Percent of Full Market Value**
- **Worksheet 5: Unemployment Rate**
- **Worksheet 6: Median Household Income**
- **Worksheet 7: Property Tax Revenues as a Percent of Full Market Property Value**
- **Worksheet 8: Property Tax Revenue Collection Rate**
- **Worksheet 9: Summary of Permittee Financial Capability Indicators**
- **Worksheet 10: Financial Capability Matrix Score**

Phase 1 is the Residential Indicator which analyzes the impact of wastewater and CSO control costs for a typical household. Phase 1 is calculated using Worksheets 1 – 2. Phase 2 is the Permittee Financial Capability Indicator that diagnoses the debt, socioeconomic, and financial conditions of a permittee. Phase 2 is calculated using Worksheets 3 – 10. These indicators along with other unique conditions aid in executing an adequate LTCP.

Worksheet 1: Cost Per Household (CPH)

Worksheet 1 is used to develop a CPH estimate. The waste water treatment (WWT) and CSO costs are determined by adding current and projected WWT and CSO control costs. For the purpose of this analysis, the projected costs are from the Wastewater Treatment Plant Bypass Elimination Study dated October 2011 and have been updated to reflect 2025 data. The share of costs attributed to residential use is calculated using the ratio of residential over total wastewater flow multiplied by the total costs. This is then divided by the number of households in the total wastewater service area to calculate the cost per household estimate. This is shown in the worksheet below.

Cost Per Household Worksheet 1		
Current WWT Costs		Line Number
Annual Operation & Maintenance Costs (Excluding Depreciation)	$900,000	100
Current Annual Debt Service (Principal & Interest)	$873,112	101
Subtotal (100 + 101)	$1,773,112	102
Project WWT and CSO Costs (Current Dollars)	$10,380,000	
Estimated Annual Operation & Maintenance Costs (Excluding Depreciation)	$860,322	103
Estimated Annual Debt Service (Principal & Interest)	$524,434	104
Subtotal (Line 103 + 104)	$1,384,756	105
Total Current and Projected WWT and CSO Costs (Line 102 + 105)	$3,157,868	106
Residential Share of Total WWT and CSO Costs	$1,894,719.72	107
Total Number of Households In Service Area	2960	108
Cost per Household (Line 107/Line 108)	$640	109

Worksheet 2: Residential Indicator

Worksheet 2 is used to determine the adjusted Median Household Income (MHI) and establish the residential indicator. The MHI data for Upper Sandusky was located online from the U.S. Census Bureau, and the adjusted median household income is determined for the entire wastewater service area using the Consumer Price Index (CPI) inflation rate to adjust the MHI from the year of the income survey to the current year. The adjusted MHI is then used to calculate the CPH as a percentage of the MHI. A Residential Indicator above 2.0% is considered a high impact. A low impact is below 1.0% and a mid-range impact is 1.0 – 2.0%. The City of Upper Sandusky is in the low impact range with a residential indicator of 0.81% as calculated below.

Residential Indicator Worksheet 2		
Median Household Income (MHI)		Line Number
Census Year MHI	$72,379	201
MHI Adjustment Factor	1.09	202
Adjusted MHI (Line 201 x 202)	$78,687	203
Annual WWT and CSO Costs Per Household (Line 109)	$640	204
Residential Indicator: Annual WWT and CSO Costs Per Household as a Percent of adjusted Median Household Income (CPH as % MHI) = (Line 204/203*100)	0.81%	205

Debt Indicators

The debt indicators are used to determine the current debt load and the ability to take on additional debt. These indicators are determined using Worksheet 3: Bond Rating and Worksheet 4: Overall Net Debt as a Percent of Full Market Value.

Worksheet 3: Bond Rating

Worksheet 3 is used to evaluate the bond rating which is a measure of a community's credit capacity. The City of Upper Sandusky did not have a record of a bond rating and therefore this indicator has been excluded from the analysis as allowed by the 1997 Guidance Document.

Worksheet 4: Overall Net Debt as a Percent of Full Market Value

Overall net debt is general obligation debt paid for by taxes in the City's service area. It excludes debt which is paid for by user fees such as wastewater rates. Debt paid by user fees is revenue debt. Worksheet 4 calculates the overall net debt as a percentage of full market property value in the service area which is an indicator of the community's financial wealth. The overall net debt is from the 2020 Audited Financial Statements and Report Letter. The market value of property has been calculated using a total assessed valuation of $137,015,000 as listed in the 2020 Audited Financial Statements and Report Letter. Excerpts of the 2020 Audited Financial Statements and Report Letter are included in Appendix C. A strong indicator is below two percent. Mid-range is from two to five percent. Above five percent is a weak indicator. Upper Sandusky's indicator percentage is 1.63% as calculated below and is in the strong range.

Overall Net Debt as a Percent of Full Market Property Value Worksheet 4		
		Line Number
Direct Net Debt (G.O. Bonds Excluding Double-Barreled Bonds)	$6,228,559	401
Debt of Overlapping Entities (Proportionate Share of Multijurisdictional Debt)	$0	402
Overall Net Debt (Line 401 + 402)	$6,228,559	403
Market Value of Property	$381,471,429	404
Overall Net Debt as a Percent of Full Market Property Value (Line 403 Divided by Line 404 x 100)	1.63%	405

Socioeconomic Indicators

The socioeconomic indicators reflect the general economic well-being of the residential customers within the service area. These indicators are determined using Worksheet 5: Unemployment Rate and Worksheet 6: Median Household Income.

Worksheet 5: Unemployment Rate

Worksheet 5 compares the community's unemployment rate to the national average unemployment rate. The city unemployment rate is from city-data.com, which is included in Appendix D. The county and national unemployment rates are from the U.S. Bureau of Labor Statics and can be found in Appendices E and F, respectively. The indicator is considered strong when a community's unemployment rate is below the national average by more than one percent. The indicator is considered weak if it is more than one percent higher than the national average and is mid-range if it is within one percent either way of the national average. The City of Upper Sandusky is in the weak range with an unemployment rate at 9.09% above the national average. The indicator is the same whether using the city or the county rate.

Unemployment Rate Worksheet 5		
		Line Number
Unemployment Rate - Permittee	4.6%	501
Source:	Ohio JFS	
Unemployment Rate - County (If Permittee Rate Not Available)	4.6%	502
Source:	Ohio JFS	
Benchmark:		
Average National Unemployment Rate	4.2%	503
Source:	US BLS	

Worksheet 6: Median Household Income

Worksheet 6 compare's the community's median household income (MHI) to the adjusted national median household income. The indicator is considered strong when the community's MHI is more than 25% above the adjusted national MHI. It is considered weak when it is more than 25% below the adjusted national MHI and mid-range when it is within 25% either way of the adjusted national MHI. The City of Upper Sandusky is 16.49% below the adjusted national MHI and is in the mid-range for this indicator.

Median Household Income Worksheet 6		
		Line Number
Median Household Income - Permittee (Line 203)	$72,379	601
Source:	U.S. Census Bureau	
Benchmark:		
Census Year National MHI	$78,538	602
MHI Adjustment Factor (Line 202)	1.09	603
Adjusted National MHI (Line 602 x Line 603)	$85,383	
Source:	US Census	

Financial Management Indicators

The financial management indicators are a measure of a community's financial management ability. These are determined utilizing Worksheet 7: Property Tax Revenues as a Percent of Full Market Property Value and Worksheet 8: Property Tax Revenue Collection Rate.

Worksheet 7: Property Tax Revenues as a Percent of Full Market Property Value

Worksheet 7 is used to calculate the tax burden on the community and serves as a measure of the community's ability to take on additional debt. The property tax revenues are from the 2020 Audited Financial Statements and Report Letter, found in Appendix C. A strong indicator is below two percent. A weak indicator is above four percent while the mid-range is from two to four percent. The City of Upper Sandusky is in the strong category for this indicator.

Property Tax Revenues as a Percent of Full Market Property Value Worksheet 7		
		Line Number
Full Market Value of Real Property (Line 404)	$381,471,429	701
Property & Income Tax Revenues	$356,143	702
Property Tax Revenues as a Percent of Full Market Property Value (702/701*100)	0.1%	703

Worksheet 8: Property Tax Revenue Collection Rate

Worksheet 8 is used to calculate the property tax collection rate. This rate determines the effectiveness in collecting the taxes which support general obligation debt. The property taxes levied are from the 2020 Audited Financial Statements and Report Letter, found in Appendix C. A strong indicator is above 98%. A weak indicator is below 94% and the mid-range is from 94% to 98%. The City of Upper Sandusky is in the strong category.

Property Tax Revenue Collection Rate Worksheet 8		
		Line Number
Property Tax Revenue Collected (Line 702)	$356,143	801
Property Taxes Levied	$356,143	802
Property Tax Revenue Collection Rate (Line 801/Line 802*100)	100%	803

Financial Capability Indicator Analysis

Analyzing the data from Worksheets 1 through 8 is accomplished in Worksheet 9: Summary of Permittee Financial Capability Indicators and Worksheet 10: Financial Capability Matrix Score. These worksheets will result in the determination of the level of burden that the long term control plan will put on the community.

Worksheet 9: Summary of Permittee Financial Capability Indicators

Worksheet 9 is used to score the financial indicators calculated in Worksheets 3 through 8. The scoring is based on whether the indicator is strong, mid-range or weak. These categories receive a score of 3, 2 and 1 respectively. The score is averaged to determine the financial indicator score. The City of Upper Sandusky's financial indicator score is 2.6.

Permittee Financial Capability Indicator Benchmarks Table 1			
Indicator	Strong (3 Points)	Mid-Range (2 Points)	Weak (1 Point)
Bond Rating	AAA-A (S&P) or AAA-A (Moody's)	BBB (S&P) or Baa (Moody's)	BB-D (S&P) or Ba-C (Moody's)
Overall Net Debt as a Percent of Full Market Property Value	Below 2%	2% - 5%	Above 5%
Unemployment Rate	More than 1 Percentage Point Below the National Average	Within 1 Percentage Point of National Average	More than 1 Percentage Point Above the National Average
Median Household Income	More than 25% Above Adjusted National MHI	Within 25% of Adjusted National MHI	More than 25% Below Adjusted National MHI
Property Tax Revenues as a Percent of Full Market Property Value	Below 2%	2% - 4%	Above 4%
Property Tax Collection Rate	Above 98%	94% - 98%	Below 94%

Indicates City of Upper Sandusky's Indicator

Summary of Permittee Financial Capability Indicators Worksheet 9			
Indicator	Column A: Actual Value	Column B: Score	Line Number
Bond Rating (Line 303)	0		901
Overall Net Debt as a Percent of Full Market Value (Line 405)	1.63%	3	902
Unemployment Rate (Line 501)	4.6%	2	903
Median Household Income (Line 601)	$78,687	2	904
Property Tax Revenues as a Percent of Full Market Property Value (Line 703)	0.1%	3	905
Property Tax Revenue Collection Rate (Line 803)	100%	3	906
Permittee Indicators Score (Sum of Column B/Number of Entries)		2.6	907

Worksheet 10: Financial Capability Matrix Score

Worksheet 10 is used to determine the Financial Capability Matrix Score based on the Residential Indicator Value and the Financial Capability Indicators Score. The score is based on the level of burden being low, medium or high. This is then used to arrive at a time period for the completion of the long term control plan. The City of Upper Sandusky's Financial Capability Matrix Score is a Low Burden.

Financial Capability Matrix Table 2			
Permittee Financial Capability Indicators Score (Socioeconomic, Debt and Financial Indicators)	**Residential Indicator** (Cost Per Household as a % of MHI)		
	Low (Below 1.0%)	Mid-Range (1.0% - 2.0%)	High (Above 2.0%)
Weak (Below 1.5)	Medium Burden	High Burden	High Burden
Mid-Range (Between 1.5 and 2.5)	Low Burden	Medium Burden	High Burden
Strong (Above 2.5)	Low Burden ★	Low Burden	Medium Burden

Indicates City of Upper Sandusky's Matrix Score

Financial Capability Matrix Score Worksheet 10		
		Line Number
Residential Indicator Score (Line 205)	0.81%	1001
Permittee Financial Indicators Score (Line 907)	2.6	1002
Financial Capability Matrix Category	b	1003

Appendix A:

Statement of Expenditures, Encumbrances and Appropriations

Ohio Water Development Authority
Loan Detail Report For the Period 05/19/2023 to 06/18/2023

LGA: Upper Sandusky
Account ID: 7412
Project Description: 7th St, 8th St, and Wyandot Ave Sewer Separation

	Water Pollution Control Loan Fund (Construction) at 1.00000% For 20 Years From 01/01/2018 To 07/01/2037	Water Pollution Control Loan Fund (Construction) at 1.00000% For 19.5 Years From 07/01/2018 To 07/01/2037	Total
Amount Financed Detail			
Amount Financed as of 05/18/2023:	$6,722,632.90	$666,388.28	$7,389,021.18
Date Type Description			
Total Amount Financed as of 06/18/2023:	$6,722,632.90	$666,388.28	$7,389,021.18
Loan Balance Detail			
Loan Balance as of 05/18/2023:	$5,005,520.69	$507,674.16	$5,513,194.85
Date Type Description			
Total Loan Balance as of 06/18/2023:	$5,005,520.69	$507,674.16	$5,513,194.85

Payment History Detail

	Interest	Principal	Late Fee
Accumulated Payments as of 05/18/2023:	($355,113.89)	($1,875,638.68)	$0.00
Accumulated Payments as of 06/18/2023:	($355,113.89)	($1,875,638.68)	$0.00

Ohio Water Development Authority
Loan Summary Report As Of 06/18/2023

LGA: Upper Sandusky
Account ID: 7412 EPA ID: CS390932-0014
Project Description: 7th St, 8th St, and Wyandot Ave Sewer Separation

	Water Pollution Control Loan Fund at 1.00000% For 20 Years From 01/01/2018 To	Water Pollution Control Loan Fund at 1.00000% For 19.5 Years From 07/01/2018 To	Totals
Source Status:	Closed	Closed	
Disbursement Status:	Inactive	Inactive	
Repayment Status:	Billed	Billed	
Amount Financed Summary			
Undisbursed Funds:	$0.00	$0.00	$0.00
Disbursed Funds:	$6,699,604.36	$666,388.28	$7,365,992.64
Total Encumbered Funds:	$6,699,604.36	$666,388.28	$7,365,992.64
Capitalized Interest:	$23,028.54	$0.00	$23,028.54
Loan Adjustments:	$0.00	$0.00	$0.00
Total Amount Financed:	$6,722,632.90	$666,388.28	$7,389,021.18
Loan Balance Summary			
Disbursements:	$6,699,604.36	$666,388.28	$7,365,992.64
Capitalized Interest:	$23,028.54	$0.00	$23,028.54
Principal Payments:	($1,716,924.44)	($158,714.24)	($1,875,638.68)
Principal Adjustments:	($187.77)	$0.12	($187.65)
Loan Adjustment Payments:	$0.00	$0.00	$0.00
Late Fees Charged:	$0.00	$0.00	$0.00
Late Fees Paid:	$0.00	$0.00	$0.00
Total Loan Balance	$5,005,520.69	$507,674.16	$5,513,194.85

Payment History Summary

	Interest	Principal	Late Fees	Total
Amount Billed:	$324,908.52	$1,701,143.87	$0.00	$2,026,052.39
Amount Paid:	($355,113.89)	($1,875,638.68)	$0.00	($2,230,752.57)
Balance Transfer/Principal Return:	$0.00	$0.00		$0.00
Balance Due:	($30,205.37)	($174,494.81)	$0.00	($204,700.18)

Ohio Water Development Authority
Loan Detail Report For the Period 05/19/2023 to 06/18/2023

LGA: Upper Sandusky
Account ID: 8322
Project Description: WWTP Upgrades

	Water Pollution Control Loan Fund (Construction) at 0.01000% For 30 Years From 07/01/2021 To 01/01/2051	Water Pollution Control Loan Fund (Construction) Principal	Total
Amount Financed Detail			
Amount Financed as of 05/18/2023:	$26,730,923.79	$0.00	$26,730,923.79
Total Amount Financed as of 06/18/2023:	$26,730,923.79	$0.00	$26,730,923.79
Loan Balance Detail			
Loan Balance as of 05/18/2023:	$24,922,766.02	$0.00	$24,922,766.02
Total Loan Balance as of 06/18/2023:	$24,922,766.02	$0.00	$24,922,766.02

Date Type Description

Payment History Detail

	Interest	Principal	Late Fee
Accumulated Payments as of 05/18/2023:	($5,296.39)	($1,808,157.77)	$0.00
Accumulated Payments as of 06/18/2023:	($5,296.39)	($1,808,157.77)	$0.00

Ohio Water Development Authority
Loan Summary Report As Of 06/18/2023

LGA: Upper Sandusky
Account ID: 8322 EPA ID: CS390932-0017
Project Description: WWTP Upgrades

	Water Pollution Control Loan Fund at 0.01000% For 30 Years From 07/01/2021 To	Water Pollution Control Loan Fund Principal Forgiveness	Totals
Source Status:	Closed	Closed	
Disbursement Status:	Inactive	Inactive	
Repayment Status:	Billed	Repaid	
Amount Financed Summary			
Undisbursed Funds:	$0.00	$0.00	$0.00
Disbursed Funds:	$26,728,507.04	$100,000.00	$26,828,507.04
Total Encumbered Funds:	$26,728,507.04	$100,000.00	$26,828,507.04
Capitalized Interest:	$2,416.75	$0.00	$2,416.75
Loan Adjustments:	$0.00	($100,000.00)	($100,000.00)
Total Amount Financed:	$26,730,923.79	$0.00	$26,730,923.79
Loan Balance Summary			
Disbursements:	$26,728,507.04	$100,000.00	$26,828,507.04
Capitalized Interest:	$2,416.75	$0.00	$2,416.75
Principal Payments:	($1,808,157.77)	$0.00	($1,808,157.77)
Principal Adjustments:	$0.00	$0.00	$0.00
Loan Adjustment Payments:	$0.00	($100,000.00)	($100,000.00)
Late Fees Charged:	$0.00	$0.00	$0.00
Late Fees Paid:	$0.00	$0.00	$0.00
Total Loan Balance	$24,922,766.02	$0.00	$24,922,766.02

Payment History Summary

	Interest	Principal	Late Fees	Total
Amount Billed:	$3,940.92	$1,320,307.70	$0.00	$1,324,248.62
Amount Paid:	($5,296.39)	($1,808,157.77)	$0.00	($1,813,454.16)
Balance Transfer/Principal Return:	$0.00	$0.00		$0.00
Balance Due:	($1,355.47)	($487,850.07)	$0.00	($489,205.54)

Ohio Water Development Authority

Mike DeWine, Governor
Jimmy Stewart, Chairman
Ken J. Heigel, P.E., Director

Upper Sandusky
119 N. 7th St.
Upper Sandusky, OH 43351

May 15, 2023

Re: Upper Sandusky invoice(s)

This is your notification of the total amount due July 3, 2023 per your signed loan agreement(s) with the Ohio Water Development Authority. The list below provides the breakdown and total amount due for each loan. For additional loan-specific information, please visit https://loans.owda.org.

Account Number	Interest	Principal	Late Fee	Other	Total Due
3676	$4,711.92	$235,602.87	$0.00	$0.00	$240,314.79
5591	$182,886.52	$218,884.55	$0.00	$0.00	$401,771.07
6336	$5,385.88	$7,623.89	$0.00	$0.00	$13,009.77
6555 / FS390932-0010	$9,988.44	$38,840.92	$0.00	$0.00	$48,829.36
7412 / CS390932-0014	$25,027.60	$160,823.07	$0.00	$0.00	$185,850.67
7412 / CS390932-0014	$2,538.38	$16,311.13	$0.00	$0.00	$18,849.51
8322 / CS390932-0017	$1,247.57	$416,273.97	$0.00	$0.00	$417,521.54
9679 / FS390932-0018	$1,622.59	$27,192.43	$0.00	$0.00	$28,815.02
	$233,408.90	$1,121,552.83	$0.00	$0.00	

Total Amount Due: $1,354,961.73

If you have any questions or email address corrections, please email Stephanie Galford at repayments@owda.org. If full payment is not available by the due date, please contact the Ohio Water Development Authority immediately.

Payments can be made to the Ohio Water Development Authority using the following methods:

Wire Payments:	**Check Payments:**	**ACH Payments:**
Wire payments must be RECEIVED by 07/03/2023. **Send to**: PNC 500 1st Avenue Pittsburgh, PA 15219 ABA: 041000124 Ohio Water Development Authority A/C: 4209052117 Reference: Upper Sandusky repayment	Check payments must be RECEIVED by 07/03/2023. **Send ONLY to:** Ohio Water Development Authority PO Box 73514 Cleveland, OH 44193 Please send one check for the total amount due. Please include a copy of this invoice with check payment.	As a current ACH customer, please review the emailed ACH Confirmation. Please email repayments@owda.org with any ACH changes. Once authorized, OWDA will continue to collect the amount due via ACH each cycle until informed otherwise.

Ohio Water Development Authority Loan Data

Transaction Date	Transaction Type	Contractor ID	Req Type	Voucher ID	Check Number	Check Paid Date	Transaction Amount
12/29/2022	Admin Fee Payment					12/28/2022	-$5,689.44
12/29/2022	Interest Payment					12/28/2022	-$22,757.79
12/29/2022	Principal Payment					12/28/2022	-$176,252.95
06/30/2022	Admin Fee Payment					06/29/2022	-$5,864.83
06/30/2022	Interest Payment					06/29/2022	-$23,459.29
06/30/2022	Principal Payment					06/29/2022	-$175,376.06
12/30/2021	Admin Fee Payment					12/29/2021	-$6,039.32
12/30/2021	Interest Payment					12/29/2021	-$24,157.31
12/30/2021	Principal Payment					12/29/2021	-$174,503.55
06/30/2021	Admin Fee Payment					06/29/2021	-$6,212.96
06/30/2021	Interest Payment					06/29/2021	-$24,851.84
06/30/2021	Principal Payment					06/29/2021	-$173,635.38
12/30/2020	Admin Fee Payment					12/29/2020	-$6,385.74
12/30/2020	Interest Payment					12/29/2020	-$25,542.93
12/30/2020	Principal Payment					12/29/2020	-$172,771.51
06/30/2020	Admin Fee Payment					06/29/2020	-$6,557.65
06/30/2020	Interest Payment					06/29/2020	-$26,230.58
06/30/2020	Principal Payment					06/29/2020	-$171,911.95
12/30/2019	Admin Fee Payment					12/30/2019	-$6,728.70
12/30/2019	Interest Payment					12/30/2019	-$26,914.81
12/30/2019	Principal Payment					12/30/2019	-$171,056.67
07/01/2019	Admin Fee Payment					06/28/2019	-$6,898.91
07/01/2019	Interest Payment					06/28/2019	-$27,595.63
07/01/2019	Principal Payment					06/28/2019	-$170,205.64
01/02/2019	Admin Fee Payment					12/31/2018	-$7,068.27
01/02/2019	Interest Payment					12/31/2018	-$28,273.06
01/02/2019	Principal Payment					12/31/2018	-$169,358.85
07/02/2018	Admin Fee Payment					06/29/2018	-$7,235.75
07/02/2018	Interest Payment					06/29/2018	-$26,848.26

Transaction Date	Transaction Type	Contractor ID	Req Type	Voucher ID	Check Number	Check Paid Date	Transaction Amount
07/02/2018	Principal Payment					06/29/2018	-$167,478.71
06/19/2018	Encumbrance	TS					-$213.18
06/19/2018	Encumbrance	CO					-$7,601.42
06/19/2018	Encumbrance	TS1					-$26,694.06
06/19/2018	Encumbrance	TS2					-$10,836.52
06/19/2018	Partial Period Interest Credit						$2,124.05
06/11/2018	Loan Fee Paid					06/11/2018	-$2,360.00
06/06/2018	Disbursement	A	Estimate: 17A	80820	1541729	06/07/2018	$120,448.25
06/06/2018	Disbursement	A	Estimate: 17B	80821	1541730	06/07/2018	$198,793.38
06/06/2018	Disbursement	TS	Prof Services: FPR 17	80822	1541731	06/07/2018	$5,133.50
05/23/2018	Disbursement	A	Estimate: 16A	80688	1538504	05/24/2018	$273,545.38
05/23/2018	Disbursement	A	Estimate: 16B	80689	1538503	05/24/2018	$208,158.03
05/23/2018	Disbursement	TS	Prof Services: FPR 16	80690	1538505	05/24/2018	$12,395.00
05/22/2018	Transfer	CO					-$60,807.69
05/22/2018	Transfer	A					$60,807.69
05/04/2018	Transfer	CO					-$588,265.27
05/04/2018	Transfer	A					$588,265.27
04/30/2018	Interest Adj Cost Change						-$0.12
04/30/2018	Principal Adj Cost Change						$0.12
04/27/2018	Loan Fee Billed						$2,360.00
04/26/2018	Encumbrance	TS					$17,528.50
04/26/2018	Encumbrance	CO					$656,674.38
03/31/2018	Interest Adj Cost Change						$187.77
03/31/2018	Partial Period Interest Credit						-$4,223.95
03/31/2018	Principal Adj Cost Change						-$187.77
01/02/2018	Admin Fee Payment					12/29/2017	-$6,760.16
01/02/2018	Interest Payment					12/29/2017	-$27,040.66
01/02/2018	Principal Payment					12/29/2017	-$153,087.41
12/27/2017	Disbursement	A	Estimate: 15A	79079	1505479	12/28/2017	$140,361.55
12/27/2017	Disbursement	A	Estimate: 15B	79080	1505477	12/28/2017	$23,995.82
12/27/2017	Disbursement	TS1	Prof Services: FPR 15	79082	1505481	12/28/2017	$11,756.60

Transaction Date	Transaction Type	Contractor ID	Req Type	Voucher ID	Check Number	Check Paid Date	Transaction Amount
12/27/2017	Disbursement	TS	Prof Services: FPR 15	79081	1505482	12/28/2017	$1,542.00
10/25/2017	Disbursement	A	Estimate: 14A	78109	1490612	10/26/2017	$31,502.75
10/25/2017	Disbursement	A	Estimate: 14B	78110	1490611	10/26/2017	$16,039.55
10/25/2017	Disbursement	TS2	Prof Services: FPR 14	78112	1490614	10/26/2017	$8,997.83
10/25/2017	Disbursement	TS1	Prof Services: FPR 14	78111	1490615	10/26/2017	$11,549.34
09/27/2017	Disbursement	A	Estimate: 13A	77706	1484767	09/28/2017	$187,566.18
09/27/2017	Disbursement	A	Estimate: 13B	77707	1484766	09/28/2017	$55,368.50
09/27/2017	Disbursement	TS2	Prof Services: FPR 13	77709	1484769	09/28/2017	$23,812.81
09/27/2017	Disbursement	TS	Prof Services: FPR 13	77708	1484770	09/28/2017	$3,707.70
08/30/2017	Disbursement	A	Estimate: 12	77352	1479307	08/31/2017	$996,524.40
08/30/2017	Disbursement	A	Estimate: 12A	77351	1479306	08/31/2017	$130,031.60
08/30/2017	Disbursement	TS	Prof Services: FPR 12	77353	1479308	08/31/2017	$15,647.05
08/30/2017	Disbursement	TS2	Prof Services: FPR 12	77354	1479309	08/31/2017	$6,352.84
07/12/2017	Disbursement	A	Estimate: 11A	76793	1468229	07/13/2017	$172,819.56
07/12/2017	Disbursement	A	Estimate: 11B	76794	1468230	07/13/2017	$201,773.50
07/12/2017	Disbursement	TS	Prof Services: FPR 11	76795	1468231	07/13/2017	$22,239.26
06/30/2017	Capitalized Interest						$3,507.23
06/28/2017	Disbursement	A	Estimate: 10A	76650	1464784	06/29/2017	$131,989.76
06/28/2017	Disbursement	A	Estimate: 10B	76651	1464786	06/29/2017	$76,073.70
06/28/2017	Disbursement	TS	Prof Services: FPR 10	76652	1464787	06/29/2017	$19,280.26
05/31/2017	Capitalized Interest						$3,541.20
05/31/2017	Change Order	CO	: 1				-$372,220.73
05/31/2017	Change Order	A	: 1				$372,220.73
05/17/2017	Disbursement	A	Estimate: 9A	76107	1455238	05/18/2017	$1,496.00
05/17/2017	Disbursement	A	Estimate: 9B	76108	1455237	05/18/2017	$140,621.38
05/17/2017	Disbursement	TS	Prof Services: FPR 9	76109	1455239	05/18/2017	$13,186.00
04/30/2017	Capitalized Interest						$3,327.66
04/05/2017	Disbursement	A	Estimate: 8A	75768	1446690	04/06/2017	$24,092.80
04/05/2017	Disbursement	A	Estimate: 8B	75769	1446691	04/06/2017	$237,035.40
04/05/2017	Disbursement	TS	Prof Services: FPR 7	75770	1446693	04/06/2017	$17,921.56
03/31/2017	Capitalized Interest						$3,031.53

Transaction Date	Transaction Type	Contractor ID	Req Type	Voucher ID	Check Number	Check Paid Date	Transaction Amount
03/22/2017	Disbursement	A	Estimate: 7A	75535	1443886	03/23/2017	$20,346.48
03/22/2017	Disbursement	A	Estimate: 7B	75536	1443887	03/23/2017	$297,437.75
03/22/2017	Disbursement	TS	Prof Services: FPR 6	75537	1443888	03/23/2017	$27,193.51
02/28/2017	Capitalized Interest						$2,607.34
02/08/2017	Disbursement	A	Estimate: 6A	75183	1437525	02/09/2017	$80,492.18
02/08/2017	Disbursement	A	Estimate: 6B	75184	1437526	02/09/2017	$148,035.71
02/08/2017	Disbursement	TS	Prof Services: FPR 6	75185	1437527	02/09/2017	$24,304.05
01/31/2017	Capitalized Interest						$2,669.76
01/04/2017	Disbursement	A	Estimate: 5A	74794	1432033	01/05/2017	$93,147.35
01/04/2017	Disbursement	A	Estimate: 5B	74795	1432034	01/05/2017	$393,815.79
01/04/2017	Disbursement	TS	Prof Services: FPR 4	74796	1432038	01/05/2017	$31,138.83
12/31/2016	Capitalized Interest						$1,835.37
12/28/2016	Disbursement	A	Estimate: 4A	74704	1430284	12/29/2016	$333,136.71
12/28/2016	Disbursement	A	Estimate: 4B	74705	1430285	12/29/2016	$216,291.52
12/28/2016	Disbursement	TS	Prof Services: FPR 3	74706	1430287	12/29/2016	$35,983.46
11/30/2016	Capitalized Interest						$1,192.87
11/23/2016	Disbursement	A	Estimate: 3A	74245	1423798	11/23/2016	$319,907.55
11/23/2016	Disbursement	A	Estimate: 3B	74246	1423799	11/23/2016	$517,429.04
11/23/2016	Disbursement	TS	Prof Services: FPR 2	74247	1423800	11/23/2016	$39,024.98
10/31/2016	Capitalized Interest						$733.18
10/12/2016	Disbursement	A	Estimate: 1A	73777	1416212	10/13/2016	$78,361.82
10/12/2016	Disbursement	A	Estimate: 1B	73778	1416213	10/13/2016	$82,925.75
10/12/2016	Disbursement	A	Estimate: 2A	73779	1416214	10/13/2016	$331,879.72
10/12/2016	Disbursement	A	Estimate: 2B	73780	1416215	10/13/2016	$380,903.58
10/12/2016	Disbursement	TS	Prof Services: FPR 1	73781	1416216	10/13/2016	$40,418.16
09/30/2016	Capitalized Interest						$273.00
08/31/2016	Capitalized Interest						$282.10
08/30/2016	Loan Fee Paid					08/30/2016	-$23,580.00
07/31/2016	Capitalized Interest						$27.30
07/27/2016	Disbursement	PL	Loan Payoff: #5726	72939	1403235	07/28/2016	$138,020.91
07/27/2016	Disbursement	PL2	Loan Payoff: #6146	72940	1403236	07/28/2016	$194,038.55

Transaction Date	Transaction Type	Contractor ID	Req Type	Voucher ID	Check Number	Check Paid Date	Transaction Amount
07/01/2016	Loan Fee Billed						$23,580.00
06/30/2016	Encumbrance	TS					$291,800.00
06/30/2016	Encumbrance	CO					$372,220.73
06/30/2016	Encumbrance	PL					$138,020.91
06/30/2016	Encumbrance	PL2					$194,038.55
06/30/2016	Encumbrance	A					$5,641,054.75
06/30/2016	Encumbrance	TS1					$50,000.00
06/30/2016	Encumbrance	TS2					$50,000.00

Ohio Water Development Authority Loan Data

Transaction Date	Transaction Type	Contractor ID	Req Type	Voucher ID	Check Number	Check Paid Date	Transaction Amount
06/30/2023	Interest Adj Cost Change						$114.61
06/30/2023	Principal Adj Cost Change						-$114.61
04/10/2023	Encumbrance						-$429,448.76
12/29/2022	Admin Fee Payment					12/28/2022	-$1,290.22
12/29/2022	Principal Payment					12/28/2022	-$452,073.32
06/30/2022	Admin Fee Payment					06/29/2022	-$1,312.82
06/30/2022	Principal Payment					06/29/2022	-$452,050.72
12/30/2021	Admin Fee Payment					12/29/2021	-$1,335.41
12/30/2021	Principal Payment					12/29/2021	-$452,028.13
12/15/2021	Disbursement	A	Estimate: 31	99087	1806642	12/16/2021	$243,330.00
09/20/2021	Change Order	CO	: 8				$145,695.00
09/20/2021	Change Order	A	: 8				-$145,695.00
08/25/2021	Disbursement	TS	Prof Services: FPR 31	97390	Wire	08/26/2021	$5,450.26
08/11/2021	Disbursement	A	Estimate: 30	97137	1783471	08/12/2021	$401,293.00
07/21/2021	Disbursement	TS	Prof Services: FPR 30	96823	Wire	07/22/2021	$6,071.15
06/30/2021	Admin Fee Payment					06/29/2021	-$1,357.94
06/30/2021	Disbursement	A	Estimate: 29	96509	1775959	07/01/2021	$127,117.00
06/30/2021	Principal Payment					06/29/2021	-$452,005.60
06/16/2021	Disbursement	TS	Prof Services: FPR 29	96296	Wire	06/17/2021	$9,889.45
06/02/2021	Disbursement	A	Estimate: 28	96144	1769761	06/03/2021	$651,002.00
06/02/2021	Disbursement	TS	Prof Services: FPR 28	96138	Wire	06/03/2021	$8,948.82
05/05/2021	Disbursement	A	Estimate: 27	95738	1764336	05/06/2021	$186,956.00
04/28/2021	Disbursement	TS	Prof Services: FPR 27	95677	Wire	04/29/2021	$14,541.39
03/31/2021	Disbursement	A	Estimate: 26	95271	1757588	04/01/2021	$92,507.00
03/24/2021	Disbursement	TS	Prof Services: FPR 26	95150	Wire	03/25/2021	$17,737.85
03/10/2021	Disbursement	TS	Prof Services: FPR 25	94987	Wire	03/11/2021	$19,077.73
03/03/2021	Disbursement	A	Estimate: 25	94895	1752813	03/04/2021	$174,359.00
02/03/2021	Disbursement	A	Estimate: 24	94470	1748234	02/04/2021	$84,124.00
01/27/2021	Disbursement	TS	Prof Services: FPR 24	94417	Wire	01/28/2021	$32,835.71

Transaction Date	Transaction Type	Contractor ID	Req Type	Voucher ID	Check Number	Check Paid Date	Transaction Amount
12/31/2020	Capitalized Interest						$206.14
12/29/2020	Disbursement	A	Estimate: 23	94102	1741083	12/30/2020	$195,840.00
12/29/2020	Disbursement	TS	Prof Services: FPR 23	94107	Wire	12/30/2020	$18,855.25
12/09/2020	Disbursement	A	Estimate: 22	93705	1737116	12/10/2020	$685,416.00
12/02/2020	Disbursement	TS	Prof Services: FPR 22	93568	Wire	12/03/2020	$33,242.47
11/30/2020	Capitalized Interest						$194.40
11/18/2020	Change Order	CO	: 7				-$16,014.00
11/18/2020	Change Order	A	: 7				$16,014.00
11/04/2020	Disbursement	A	Estimate: 21	93217	1729590	11/05/2020	$663,193.00
10/31/2020	Capitalized Interest						$194.49
10/21/2020	Disbursement	TS	Prof Services: FPR 21	92914	Wire	10/22/2020	$20,798.73
10/07/2020	Disbursement	A	Estimate: 20	92741	1724872	10/08/2020	$688,947.00
09/30/2020	Capitalized Interest						$180.86
09/23/2020	Disbursement	TS	Prof Services: FPR 20	92499	Wire	09/24/2020	$23,001.31
09/09/2020	Disbursement	A	Estimate: 19	92322	1719442	09/10/2020	$1,033,154.00
08/31/2020	Capitalized Interest						$178.68
08/26/2020	Disbursement	TS	Prof Services: FPR 19	92088	Wire	08/26/2020	$26,963.41
08/05/2020	Disbursement	A	Estimate: 18	91799	1713016	08/06/2020	$1,277,083.00
07/31/2020	Capitalized Interest						$166.21
07/15/2020	Disbursement	TS	Prof Services: FPR 18	91501	Wire	07/16/2020	$21,600.91
07/08/2020	Disbursement	A	Estimate: 17	91421	1706387	07/09/2020	$1,438,653.00
06/30/2020	Capitalized Interest						$150.45
06/10/2020	Disbursement	TS	Prof Services: FPR 17	91033	Wire	06/11/2020	$18,672.78
06/03/2020	Disbursement	A	Estimate: 16	90986	1698460	06/04/2020	$1,692,329.00
05/31/2020	Capitalized Interest						$137.45
05/26/2020	Change Order	CO	: 6				-$265,065.00
05/26/2020	Change Order	A	: 6				$265,065.00
05/13/2020	Disbursement	A	Estimate: 15	90653	1694230	05/14/2020	$1,401,423.00
05/13/2020	Disbursement	TS	Prof Services: FPR 16	90675	Wire	05/14/2020	$29,593.03
04/30/2020	Capitalized Interest						$125.62
04/22/2020	Disbursement	TS	Prof Services: FPR 15	90432	Wire	04/23/2020	$62,498.25

Transaction Date	Transaction Type	Contractor ID	Req Type	Voucher ID	Check Number	Check Paid Date	Transaction Amount
04/01/2020	Disbursement	A	Estimate: 14	90194	1685235	04/02/2020	$962,936.00
03/31/2020	Capitalized Interest						$119.26
03/20/2020	Change Order	CO	: 5				-$132,586.00
03/20/2020	Change Order	A	: 5				$132,586.00
03/11/2020	Disbursement	A	Estimate: 13	89893	1680760	03/12/2020	$880,607.00
02/29/2020	Capitalized Interest						$105.07
02/12/2020	Disbursement	TS	Prof Services: FPR 14	89574	Wire	02/13/2020	$19,641.71
02/05/2020	Change Order	CO	: 4				-$103,800.00
02/05/2020	Change Order	A	: 4				$103,800.00
02/05/2020	Disbursement	A	Estimate: 12	89504	1674406	02/06/2020	$1,272,863.00
01/31/2020	Capitalized Interest						$102.78
01/29/2020	Disbursement	TS	Prof Services: FPR 13	89390	Wire	01/30/2020	$30,469.63
12/31/2019	Capitalized Interest						$93.91
12/31/2019	Disbursement	A	Estimate: 11	89088	1667369	01/02/2020	$807,967.00
12/31/2019	Disbursement	TS	Prof Services: FPR 12	89044	Wire	01/02/2020	$23,644.06
12/11/2019	Disbursement	A	Estimate: 10	88723	1661596	12/12/2019	$630,150.00
12/04/2019	Disbursement	TS	Prof Services: FPR 11	88564	Wire	12/05/2019	$101,876.88
11/30/2019	Capitalized Interest						$84.76
11/13/2019	Disbursement	TS	Prof Services: FPR 10	88258	Wire	11/14/2019	$17,400.99
11/06/2019	Disbursement	A	Estimate: 9	88124	1652858	11/07/2019	$1,163,942.00
10/31/2019	Capitalized Interest						$79.11
10/02/2019	Disbursement	A	Estimate: 8	87549	1646321	10/03/2019	$1,075,384.00
09/30/2019	Capitalized Interest						$64.50
09/25/2019	Change Order	CO	: 3				-$103,980.00
09/25/2019	Change Order	A	: 3				$103,980.00
09/11/2019	Disbursement	A	Estimate: 7	87241	1641522	09/12/2019	$1,235,918.00
09/11/2019	Disbursement	TS	Prof Services: FPR 9	87268	Wire	09/12/2019	$20,446.29
08/31/2019	Capitalized Interest						$57.99
08/14/2019	Disbursement	TS	Prof Services: FPR 8	86905	Wire	08/15/2019	$30,005.93
08/07/2019	Disbursement	A	Estimate: 6	86769	1635385	08/08/2019	$920,524.00
08/01/2019	Change Order	CO	: 2				-$206,209.00

Transaction Date	Transaction Type	Contractor ID	Req Type	Voucher ID	Check Number	Check Paid Date	Transaction Amount
08/01/2019	Change Order	A	: 2				$206,209.00
07/31/2019	Capitalized Interest						$48.09
07/24/2019	Disbursement	TS	Prof Services: FPR 7	86612	Wire	07/25/2019	$28,796.26
07/10/2019	Disbursement	A	Estimate: 5	86398	1629208	07/11/2019	$1,243,382.00
06/30/2019	Capitalized Interest						$38.43
06/26/2019	Disbursement	TS	Prof Services: FPR 6	86262	Wire	06/27/2019	$42,346.17
06/05/2019	Disbursement	A	Estimate: 4	85978	1621966	06/06/2019	$711,395.00
06/05/2019	Disbursement	TS	Prof Services: 5	85966	Wire	06/06/2019	$36,883.57
05/31/2019	Capitalized Interest						$34.38
05/01/2019	Disbursement	A	Estimate: 3	85502	1614050	05/02/2019	$575,923.00
05/01/2019	Disbursement	TS	Prof Services: FPR 4	85467	Wire	05/02/2019	$23,132.67
04/30/2019	Capitalized Interest						$25.20
04/10/2019	Disbursement	A	Estimate: 2	85188	1607459	04/11/2019	$1,093,322.00
03/31/2019	Capitalized Interest						$15.95
03/29/2019	Change Order	CO	: 1				-$291,340.00
03/29/2019	Change Order	A	: 1				$291,340.00
03/20/2019	Disbursement	TS	Prof Services: FPR 3	84877	Wire	03/21/2019	$8,964.81
03/13/2019	Disbursement	A	Estimate: 1	84740	1601485	03/14/2019	$1,084,260.00
02/28/2019	Capitalized Interest						$9.10
02/27/2019	Disbursement	TS	Prof Services: FPR 2	84558	Wire	02/28/2019	$29,609.72
02/06/2019	Disbursement	TS	Prof Services: FPR 1	84266	Wire	02/07/2019	$225,215.05
01/31/2019	Capitalized Interest						$3.92
01/30/2019	Loan Fee Paid					01/30/2019	-$95,403.00
01/16/2019	Disbursement	PL	Loan Payoff: #7984	84011	1591828	01/17/2019	$1,124,995.80
01/16/2019	Principal Forgiveness Payment	PL				01/17/2019	-$100,000.00
01/11/2019	Transfer	CO					-$40.00
01/11/2019	Transfer	PL					$40.00
12/06/2018	Encumbrance						$27,257,955.80
12/06/2018	Loan Fee Billed						$95,403.00
12/06/2018	Principal Forgiveness CMT						-$100,000.00

Appendix B:

Ohio RCAP Results of WSOS Median Household Income Survey

Ohio RCAP- Josh Eggleston
Rural Development Specialist
219 South Front St.
P.O. Box 590
Fremont, OH 43420

July 20, 2010

Ohio Department of Development
Office of Strategic Research
Attn: Barry Bennett
77 S. High Street, 27th Floor
Columbus, Ohio 43215-6130

Dear Mr. Bennett:

The City of Upper Sandusky, Wyandot County, proposes to construct numerous water system improvements throughout the City. The 2000 Census MHI was $35,612. This project is anticipated to be financed by USDA Rural Development. Since USDA Rural Development bases grant eligibility on the Median Household Income of the applicant, and due to the economic conditions and unemployment rate in Wyandot County, it was felt by several parties that an income survey would yield a more accurate view on the complexion of the current economic characteristics of the community. The Median Household Income Survey was conducted by the Ohio Rural Community Assistance Program (Ohio RCAP). The survey process was as follows:

1) WSOS Community Action Commission Americorps employees conducted a 100% door to door survey of all residences in October/November of 2009.
2) Results from the door to door collection were analyzed and it was determined that figures had showed a drop in income levels.
3) A second attempt was initiated by the City in March 2010. Ohio RCAP randomized the list of non-responses (See attached randomization certification) and mailings to the next 600 addresses were commenced.
4) A third attempt involved mailing surveys to the remaining addresses (from the randomized list) who did not previously receive a mailing.
4) Ohio RCAP received the results and prepared and is now reporting the final tabulation.

The results from the survey are as follows (see Exhibit C):

- 2390 Surveys were initially distributed door to door. though 82 units were vacant or not surveyable. Also a nursing home facility was not surveyable as surveyors were refused entrance.
- 2308 Households were surveyable.
- 1125 households responded (48.7%). This is below the 70% response rate generally desired but well above the 13% required sample with a universe between 1201-2700 as per RUS Guide 1780-1
- The MHI for the project area was determined to be $30,983

- An LMI Survey was not conducted. The City as per the 2000 Census is listed at 40.30 percent Low to Moderate income.

After a thorough review of the data and an understanding of regional economic conditions, I believe that these results are likely indicative of current economic conditions. As of April 2010 the unemployment rate was 12.8% in Wyandot County.

Attached is the signed Survey Certification Form, Exhibit C: MHI Survey Tabulation, and a map of the project area. At current time, neither the City of Upper Sandusky or Wyandot County has GIS capabilities. Therefore a map of survey results is impossible to make without doing completely by hand. The City was unable to provide a parcel map and the only thing available was the plat books from the Recorder's Office. We have utilized the 1998 Streets guide to that shows all of the addresses and were able to document their responses to show that the survey was not geographically biased in any manner.

Please review the survey information, analyze and determine the Median Household Income, and provide a summary of your results to me as your schedule and other obligations permit. I appreciate your attention to this matter. If you have any questions, please contact me (419)332-2078 or by e-mail at jmeggleston@wsos.org.

Joshua M. Eggleston
Rural Development Specialist
Ohio RCAP

cc: Scott Washburn, Mayor (Full Tabulation not provided for privacy reasons)
Olivia Binkley, USDA Rural Development
Dave Douglas, USDA Rural Development
File

Appendix C:

Excerpts from 2010 Audited Financial Statements and Report Letter

Reporting the City's Most Significant Funds

Fund Financial Statements

Fund financial statements provide detailed information about the City's major funds. The City uses many funds to account for a multitude of financial transactions. However, these fund financial statements focus on the City's most significant funds. The City's major governmental funds are the general fund and the capital improvement fund.

Governmental Funds Most of the City's activities are reported in governmental funds, which focus on how money flows into and out of those funds and the balances left at year-end available for spending in future periods. These funds are reported using an accounting method called *modified accrual* accounting, which measures cash and all other *financial assets* that can readily be converted into cash. The governmental fund statements provide a detailed *short-term view* of the City's general government operations and the basic services it provides. Governmental fund information helps you determine whether there are more or fewer financial resources that can be spent in the near future to finance programs. The relationship (or differences) between governmental *activities* (reported in the Statement of Net Assets and the Statement of Activities) and governmental *funds* is reconciled in the financial statements.

Proprietary Funds Proprietary funds use the same basis of accounting as business-type activities; therefore, these statements will essentially match.

The City as a Whole

Recall that the Statement of Net Assets provides the perspective of the City as a whole. Table 1 provides a summary of the City's net assets for 2010 and 2009:

Table 1
Net Assets

	Governmental Activities 2010	Governmental Activities 2009	Business-Type Activities 2010	Business-Type Activities 2009	2010 Total	2009 Total
Assets						
Current and Other Assets	$ 2,934,099	$ 2,293,676	$ 1,430,201	$ 1,076,094	$ 4,364,300	$ 3,369,770
Capital Assets	7,677,346	8,010,466	27,440,554	20,405,091	35,117,900	28,415,557
Total Assets	10,611,445	10,304,142	28,870,755	21,481,185	39,482,200	31,785,327
Liabilities						
Current and Other Liabilities	502,265	754,996	1,621,075	214,200	2,123,340	969,196
Long-Term Liabilities	6,228,559	6,654,055	7,971,977	1,992,067	14,200,536	8,646,122
Total Liabilities	6,730,824	7,409,051	9,593,052	2,206,267	16,323,876	9,615,318
Net Assets						
Invested in Capital Assets, Net	7,668,343	7,997,020	19,538,280	18,471,043	21,162,756	19,964,134
Restricted	332,056	205,237	-	-	332,056	205,237
Unrestricted (Deficit)	(4,119,778)	(5,307,166)	(260,577)	803,875	1,663,512	2,000,638
Total Net Assets	$ 3,880,621	$ 2,895,091	$ 19,277,703	$ 19,274,918	$ 23,158,324	$ 22,170,009

City of Upper Sandusky

Statement of Activities
For the Year Ended December 31, 2010

Functions/Programs	Expenses	Program Revenues: Charges for Services	Program Revenues: Operating Grants and Contributions	Program Revenues: Capital Grants and Contributions	Net (Expense) Revenue and Changes in Net Assets: Primary Government: Governmental Activities	Net (Expense) Revenue and Changes in Net Assets: Primary Government: Business-Type Activities	Net (Expense) Revenue and Changes in Net Assets: Primary Government: Total
Primary government:							
Governmental Activities:							
General Government:							
Legislative and Executive	$ 408,752	$ -	$ -	$ -	$ (408,752)	$ -	$ (408,752)
Judicial	722,494	157,908	-	-	(564,587)	-	(564,587)
Security of Persons and Property	1,842,624	28,876	-	-	(1,813,748)	-	(1,813,748)
Public Health and Welfare	37,311	-	-	-	(37,311)	-	(37,311)
Transportation	497,192	-	244,690	76,796	(175,706)	-	(175,706)
Community Environment	184,718	-	-	-	(184,718)	-	(184,718)
Basic Utility Services	90,220	68,300	-	-	(21,920)	-	(21,920)
Leisure Time Activities	394,039	49,598	-	-	(344,441)	-	(344,441)
Interest Expense	257,947	-	-	-	(257,947)	-	(257,947)
Unallocated Depreciation	1,888	-	-	-	(1,888)	-	(1,888)
Total Governmental Activities	4,437,186	304,682	244,690	76,796	(3,811,018)	-	(3,811,018)
Business-Type activities:							
Water Fund	1,273,214	1,947,256	-	-	-	674,042	674,042
Sewer Fund	1,015,359	826,858	-	-	-	(188,501)	(188,501)
Sanitation Fund	740,578	801,295	-	-	-	60,717	60,717
Total Business-Type activities	3,029,151	3,575,409	-	-	-	546,258	546,258
Total primary government	$ 7,466,337	$ 3,880,091	$ 244,690	$ 76,796	(3,811,018)	546,258	(3,264,760)
General revenues:							
Taxes:							
Municipal Income Tax					1,933,992	-	1,933,992
Property Taxes, Levied for General Purposes					487,248	-	487,248
Fines and Forfeitures					558,147	-	558,147
Licenses & Permits					101,535	-	101,535
Grants and Contributions Not Restricted to Specific Programs					1,001,799	-	1,001,799
Unrestricted Investment Earnings					8,983	-	8,983
Miscellaneous					94,463	66,908	161,371
Transfers					610,381	(610,381)	-
Total General Revenues					4,796,548	(543,473)	4,253,076
Change in Net Assets					985,530	2,785	988,315
Net Assets Beginning of the Year					2,895,091	19,274,918	22,170,009
Net Assets End of the Year					$ 3,880,621	$ 19,277,703	$ 23,158,324

See accompanying notes to the basic financial statements.

City of Upper Sandusky

Statement of Revenues, Expenditures
and Changes in Fund Balances
Governmental Funds
For the Year Ended December 31, 2010

	General	Capital Improvement	Other Governmental Funds	Total Governmental Funds
Revenues:				
Municipal Income Tax	$ 1,973,428	$ -	$ -	$ 1,973,428
Property and Other Taxes	453,408	-	16,840	470,248
Intergovernmental	878,916	76,796	582,795	1,538,507
Investment Income	3,539	-	5,444	8,983
Licenses and Permits	101,535	-	-	101,535
Fines and Forfeitures	506,218	-	51,930	558,147
Charges for Services	27,158	1,718	49,998	78,874
Other	69,480	2,165	22,818	94,463
Total Revenue	4,013,682	80,679	729,825	4,824,186
Expenditures:				
Current:				
General Government:				
Legislative and Executive	388,047	-	-	388,047
Judicial	551,541	-	158,137	709,678
Security of Persons and Property	1,884,446	18,083	5,843	1,908,372
Public Health and Welfare	37,311	-	-	37,311
Transportation	-	14,565	323,306	337,871
Community Environment	60,060	18,870	9,908	88,838
Basic Utilities	-	34,571	-	34,571
Leisure Time Activities	-	16,779	275,579	292,358
Debt Service:				
Principal Retirement	4,443	476,841	-	481,284
Interest and Fiscal Charges	674	257,562	-	258,236
Total Expenditures	2,926,523	837,270	772,773	4,536,567
Excess of Revenues Over (Under) Expenditures	1,087,159	(756,591)	(42,948)	287,619
Other Financing Sources (Uses):				
Proceeds of OWDA Loan	-	16,779	-	16,779
Transfers - In	50,000	816,432	299,711	1,166,143
Transfers - Out	(505,762)	-	(50,000)	(555,762)
Total Other Sources (Uses)	(455,762)	833,211	249,711	627,160
Net Change in Fund Balance	631,397	76,620	206,762	914,779
Fund Balances (Deficit) at Beginning of Year	(183,077)	42,636	693,905	553,464
Decrease in Reserve for Inventory	(488)	-	(9,575)	(10,063)
Fund Balances End of Year	$ 447,832	$ 119,256	$ 891,092	$ 1,458,180

See accompanying notes to the basic financial statements.

and its agencies, obligations of the State of Ohio and its municipalities, and obligations of the other states. Obligations pledged to secure deposits must be delivered to a bank other than the institution in which the deposit is made. Written custodial agreements are required.

The City had no investments at year end.

Reconciliation to Balance Sheet	
Checking Accounts	$ 870,717
Money Market and Savings Accounts	1,294,384
Municipal Court Account	16,852
Petty Cash and Drawer Change	750
Total	$ 2,182,703
Per Balance Sheet	
Equity in Pooled Cash and Investments	$ 2,124,188
Cash in Segregated Accounts - Fiduciary Funds	58,515
Total	$ 2,182,703

NOTE 5 -- RECEIVABLES

Receivables at December 31, 2010, consisted primarily of municipal income taxes, property and other taxes, intergovernmental receivables arising from entitlements, shared revenues, accrued interest on investments, accounts (billings for utility service), and notes receivable. No allowances for doubtful accounts have been recorded because uncollectible amounts are expected to be insignificant.

Property Taxes

Property taxes include amounts levied against all real and public utility property located in the City. Property tax revenue received during 2010 for real and public utility property taxes represents collections of the 2009 taxes.

2010 real property taxes are levied after October 1, 2010, on the assessed value as of January 1, 2010, the lien date. Assessed values are established by State law at 35 percent of appraised market value. 2010 real property taxes are collected in 2010 and are intended to finance 2011.

Public utility real property is assessed at 35 percent of true value. 2010 public utility property taxes became a lien December 31, 2009, are levied after October 1, 2009, and are collected in 2010 with real property taxes. The full tax rate for all City operations for the year ended December 31, 2010, was $3.80 per $1,000 of assessed value. The assessed values of real property upon which 2010 property tax receipts were based are as follows:

Real Property - 2009 Valuation:	
Residential/Agricultural	$ 73,035,080
Public Utilities	26,660
Commercial/Industrial	36,533,230
Total Real Property	109,594,970
Tangible Personal Property - 2010 Valuation:	
General	-
Public Utilities	3,612,630
Total Personal Property	3,612,630
Total Assessed Valuation	$113,207,600

Appendix D:

City of Upper Sandusky Data Summary

(From city-data.com)

All Cities (/) / Ohio (/city/Ohio.html), OH smaller cities (/city/Ohio2.html), OH small cities (/city/Ohio3.html)
/ Wyandot County (/county/Wyandot_County-OH.html)
/ Upper Sandusky, OH housing info (/housing/houses-Upper-Sandusky-Ohio.html) / Upper Sandusky, Ohio

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Upper Sandusky, Ohio


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(/picfilesv/picv8766.php)

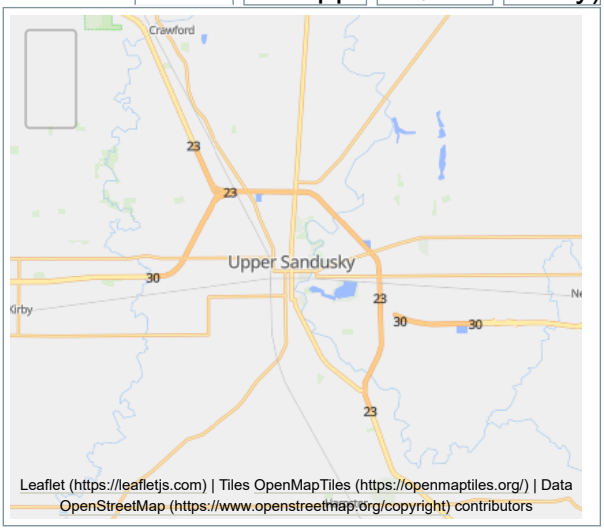
add your

(/sendpic.php?w=Upper-Sandusky-Ohio.html&n=Upper%20Sandusky)

Submit your own pictures of this city and show them to the world
See promotion details and to upload your Upper Sandusky, Ohio photos (/sendpic.php?w=Upper-Sandusky-Ohio.html&n=Upper%20Sandusky)

FOG 52°F
5 miles
Wind: 10 mph
Pressure: 29.94 in
Humidity: 94%

(https://www.city-data.com/forecast/w-Upper-Sandusky-Ohio.html)
Current weather forecast for Upper Sandusky, OH (/forecast/w-Upper-Sandusky-Ohio.html)



Population in 2022: 6,675 (91% urban, 9% rural).
Population change since 2000: +2.2%

Males: 3,109 (46.6%)
Females: 3,566 (53.4%)

Median resident age: 39.2 years
Ohio median age: 39.9 years

Zip codes: 43351 (/zips/43351.html).

Estimated median household income in 2023: $70,394 (it was $35,613 in 2000)
Upper Sandusky: $70,394
OH: $67,769

Estimated per capita income in 2023: $35,539 (it was $17,484 in 2000)

Upper Sandusky city income, earnings, and wages data (/income/income-Upper-Sandusky-Ohio.html)

Estimated median house or condo value in 2023: $167,250 (it was $82,100 in 2000)
Upper Sandusky: $167,250
OH: $220,200

Mean prices in 2023: all housing units: $194,141; detached houses: $194,126; townhouses or other attached units: $171,907; in 2-unit structures: $109,905; mobile homes: $228,439

Median gross rent in 2023: $773.

December 2024 cost of living index in Upper Sandusky: 75.4 (low, U.S. average is 100)

Upper Sandusky, OH residents, houses, and apartments details (/housing/houses-Upper-Sandusky-Ohio.html)

Percentage of residents living in poverty in 2023: 5.8%
(6.3% for White Non-Hispanic residents, 100.0% for Black residents)

Detailed information about poverty and poor residents in Upper Sandusky, OH (/poverty/poverty-Upper-Sandusky-Ohio.html)

Compare current foreclosures near Upper Sandusky, OH:

Photo	Address	Area	Beds / Baths	Price	Det
 (/fc/go.php?to=%2Faddress%2FCounty-Highway-107-Upper-Sandusky-OH-43351%2F62631885_lid%3Frsp%3D3360%26chan%3Datip%26data1%3Dc1&c=atip&d1=c1)	#1 **County Highway 107** Upper Sandusky, OH 43351 (/fc/go.php?to=%2Faddress%2FCounty-Highway-107-Upper-Sandusky-OH-43351%2F62631885_lid%3Frsp%3D3360%26chan%3Dati%26data1%3Dc1&c=ati&d1=c1)	1,038 sq. feet	1 baths 3 beds		
 (/fc/go.php?to=%2Faddress%2FS-7th-St-Upper-Sandusky-OH-43351%2F63231404_lid%3Frsp%3D3360%26chan%3Datip%26data1%3Dc1&c=atip&d1=c1)	#2 **S 7th St** Upper Sandusky, OH 43351 (/fc/go.php?to=%2Faddress%2FS-7th-St-Upper-Sandusky-OH-43351%2F63231404_lid%3Frsp%3D3360%26chan%3Dati%26data1%3Dc1&c=ati&d1=c1)	1,412 sq. feet	1 baths 3 beds		
 (/fc/go.php?to=%2Faddress%2FN-5th-St-Upper-Sandusky-OH-43351%2F62627171_lid%3Frsp%3D3360%26chan%3Datip%26data1%3Dc1&c=atip&d1=c1)	#3 **N 5th St** Upper Sandusky, OH 43351 (/fc/go.php?to=%2Faddress%2FN-5th-St-Upper-Sandusky-OH-43351%2F62627171_lid%3Frsp%3D3360%26chan%3Dati%26data1%3Dc1&c=ati&d1=c1)	1,504 sq. feet	1 baths 3 beds		
 (/fc/go.php?to=%2Faddress%2FCounty-Highway-182-Upper-Sandusky-OH-43351%2F61978564_lid%3Frsp%3D3360%26chan%3Datip%26data1%3Dc1&c=atip&d1=c1)	#4 **County Highway 182** Upper Sandusky, OH 43351 (/fc/go.php?to=%2Faddress%2FCounty-Highway-182-Upper-Sandusky-OH-43351%2F61978564_lid%3Frsp%3D3360%26chan%3Dati%26data1%3Dc1&c=ati&d1=c1)	- sq. feet	- baths - beds		
 (/fc/go.php?to=%2Faddress%2FNevada-Wynford-Rd-Bucyrus-OH-44820%2F63187861_lid%3Frsp%3D3360%26chan%3Datip%26data1%3Dc1&c=atip&d1=c1)	#5 **Nevada Wynford Rd** Bucyrus, OH 44820 (/fc/go.php?to=%2Faddress%2FNevada-Wynford-Rd-Bucyrus-OH-44820%2F63187861_lid%3Frsp%3D3360%26chan%3Dati%26data1%3Dc1&c=ati&d1=c1)	872 sq. feet	1 baths 2 beds		
 (/fc/go.php?to=%2Faddress%2FCapaldi-Dr-Marion-OH-43302%2F63487955_lid%3Frsp%3D3360%26chan%3Datip%26data1%3Dc1&c=atip&d1=c1)	#6 **Capaldi Dr** Marion, OH 43302 (/fc/go.php?to=%2Faddress%2FCapaldi-Dr-Marion-OH-43302%2F63487955_lid%3Frsp%3D3360%26chan%3Dati%26data1%3Dc1&c=ati&d1=c1)	925 sq. feet	1 baths 3 beds		
 (/fc/go.php?to=%2Faddress%2FGrandview-Dr-Marion-OH-43302%2F60544937_lid%3Frsp%3D3360%26chan%3Datip%26data1%3Dc1&c=atip&d1=c1)	#7 **Grandview Dr** Marion, OH 43302 (/fc/go.php?to=%2Faddress%2FGrandview-Dr-Marion-OH-43302%2F60544937_lid%3Frsp%3D3360%26chan%3Dati%26data1%3Dc1&c=ati&d1=c1)	864 sq. feet	1 baths 3 beds		
 (/fc/go.php?to=%2Faddress%2FMaple-St-Bucyrus-OH-44820%2F62971993_lid%3Frsp%3D3360%26chan%3Datip%26data1%3Dc1&c=atip&d1=c1)	#8 **Maple St** Bucyrus, OH 44820 (/fc/go.php?to=%2Faddress%2FMaple-St-Bucyrus-OH-44820%2F62971993_lid%3Frsp%3D3360%26chan%3Dati%26data1%3Dc1&c=ati&d1=c1)	2,112 sq. feet	2 baths 4 beds		

(/fc/go.php?to=%2Faddress%2FE-Liberty-St-Bucyrus-OH-44820%2F63086429_lid%3Frsp%3D3360%26chan%3Datip%26data1%3Dc1&c=atip&d1=c1)

#9
E Liberty St
Bucyrus, OH 44820
(/fc/go.php?to=%2Faddress%2FE-Liberty-St-Bucyrus-OH-44820%2F63086429_lid%3Frsp%3D3360%26chan%3Dati%26data1%3Dc1&c=ati&d1=c1)

728 sq. feet | 1 baths | 3 beds

(/fc/go.php?to=%2Faddress%2FState-Route-103-Mount-Blanchard-OH-45867%2F63275362_lid%3Frsp%3D3360%26chan%3Datip%26data1%3Dc1&c=atip&d1=c1)

#10
State Route 103
Mount Blanchard, OH 45867
(/fc/go.php?to=%2Faddress%2FState-Route-103-Mount-Blanchard-OH-45867%2F63275362_lid%3Frsp%3D3360%26chan%3Dati%26data1%3Dc1&c=ati&d1=c1)

1,350 sq. feet | 1 baths | 3 beds

Check out more offers near Upper Sandusky, OH (/fc/go.php?to=%2Flisting%2Fsearch%3Frsp%3D3360%26q%3DUpper%2BSandusky%252C%2BOH%26chan%3Dats%26data1%3Dc1&c=ats&d1=c1).

Find opportunities in any area:

ZIP Code / City

Find

Powered by Foreclosure.com (/fc/go.php?to=%3Frsp%3D3360%26chan%3Daa%26data1%3Dc1&c=aa&d1=c1)

Data: Median household income ($)

Most recent value

% change since 2k

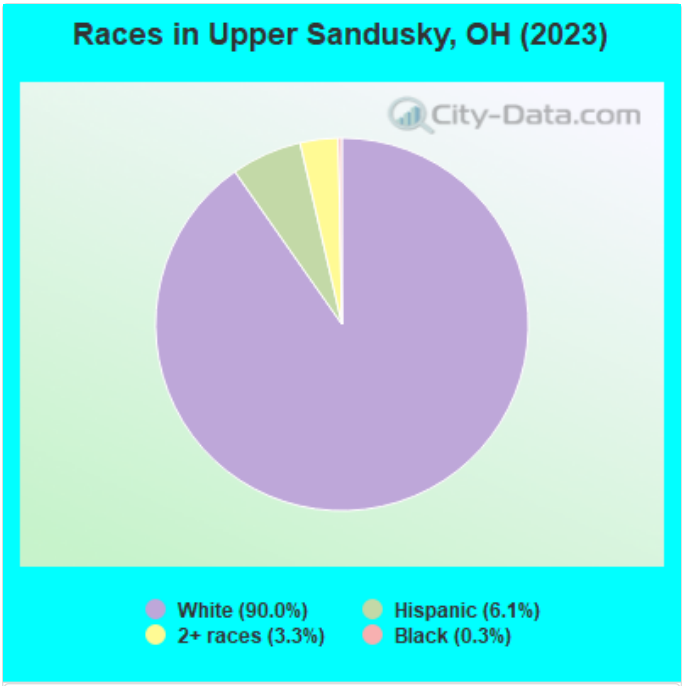
Settings

Get link

Loading data...

Loading data...

Based on 2000-2023 data



White alone	90.0%	5,924
Hispanic	6.1%	402
Two or more races	3.3%	220
Black alone	0.3%	22

Races in Upper Sandusky detailed stats: ancestries, foreign born residents, place of birth (/races/races-Upper-Sandusky-Ohio.html)

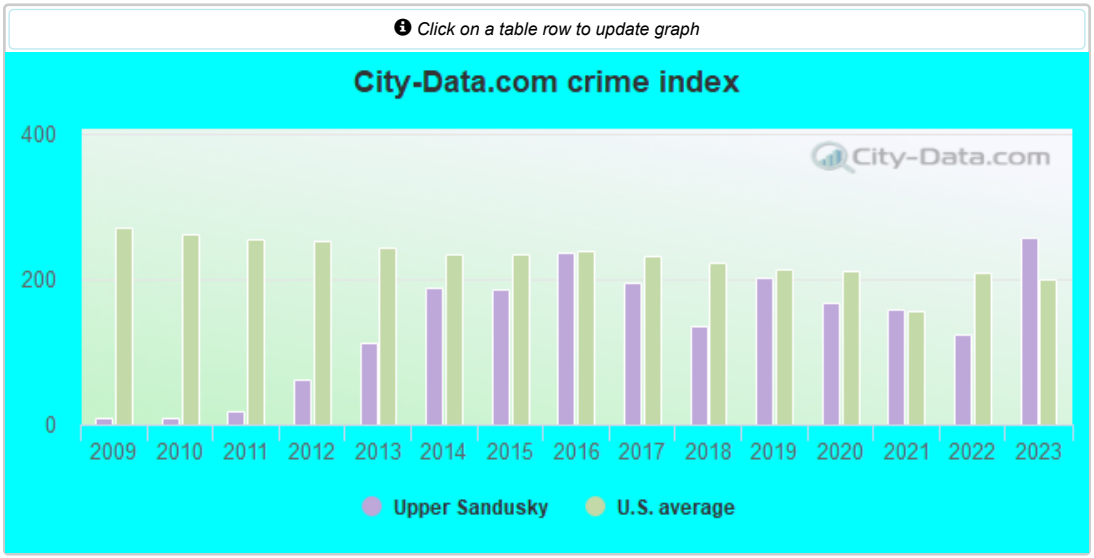
According to our research of Ohio and other state lists, there **were 20 registered sex offenders** living in Upper Sandusky, Ohio (/so/so-Upper-Sandusky-Ohio.html) as of May 06, 2025. The ratio of all residents to sex offenders in Upper Sandusky is 347 to 1.

Crime rates in Upper Sandusky by year

Type	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Murders (per 100,000)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2 (30.7)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2 (30.0)
Rapes (per 100,000)	0 (0.0)	1 (15.1)	1 (15.1)	1 (15.1)	6 (91.1)	4 (61.0)	4 (61.4)	4 (61.3)	2 (30.8)	8 (123.7)	7 (109.0)	6 (93.5)	4 (60.8)	8 (119.9)
Robberies (per 100,000)	0 (0.0)	0 (0.0)	0 (0.0)	1 (15.1)	1 (15.2)	1 (15.3)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (15.2)	1 (15.0)
Assaults (per 100,000)	0 (0.0)	0 (0.0)	1 (15.1)	2 (30.1)	7 (106.3)	11 (167.8)	6 (92.1)	11 (168.5)	5 (77.0)	7 (108.2)	3 (46.7)	5 (77.9)	4 (60.8)	5 (75.0)
City-Data.com crime index	9.7	18.8	61.9	112.3	189.2	185.8	237.5	195.7	136.2	203.0	168.0	157.8	124.1	259.0

Type	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Burglaries (per 100,000)	0 (0.0)	0 (0.0)	10 (151.1)	16 (241.0)	20 (303.7)	24 (366.1)	25 (383.7)	30 (459.5)	23 (354.0)	11 (170.1)	9 (140.1)	7 (109.0)	10 (152.0)	14 (209.9)
Thefts (per 100,000)	16 (242.6)	11 (166.6)	58 (876.3)	119 (1,792)	110 (1,670)	114 (1,739)	123 (1,888)	126 (1,930)	114 (1,755)	110 (1,701)	99 (1,541)	92 (1,433)	67 (1,019)	107 (1,604)
Auto thefts (per 100,000)	0 (0.0)	0 (0.0)	1 (15.1)	1 (15.1)	2 (30.4)	3 (45.8)	5 (76.7)	3 (45.9)	1 (15.4)	2 (30.9)	0 (0.0)	2 (31.2)	6 (91.2)	4 (60.0)
Arson (per 100,000)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (15.3)	1 (15.3)	6 (92.4)	0 (0.0)	1 (15.6)	3 (46.7)	2 (30.4)	3 (45.0)
City-Data.com crime index	9.7	18.8	61.9	112.3	189.2	185.8	237.5	195.7	136.2	203.0	168.0	157.8	124.1	259.0

The City-Data.com crime index weighs serious crimes and violent crimes more heavily. Higher means more crime, U.S. average is 240.7. It adjusts for the number of visitors and daily workers commuting into cities.



Crime rate in Upper Sandusky detailed stats: murders, rapes, robberies, assaults, burglaries, thefts, arson (/crime/crime-Upper-Sandusky-Ohio.html)

Full-time law enforcement employees in 2020, including police officers: 17 (13 officers - 13 male; 0 female).
Officers per 1,000 residents here: 2.02
Ohio average: 2.24

City-Data.com Blog
(https://www.city-data.com/blog/) Recent articles from our blog. Our writers, many of them Ph.D. graduates or candidates, create easy-to-read articles on a wide variety of topics.

- Popular New Year's resolutions (https://www.city-data.com/blog/4033-popular-new-years-resolutions-2/) *Dec 31*
- Christmas is America's favorite holiday season (https://www.city-data.com/blog/4025-christmas-is-americas-favorite-holiday-season/) *Dec 24*
- Fish in the American dish: recreational fishing (https://www.city-data.com/blog/5324-fish-american-dish-recreational-fishing/) *Dec 10*
- American hunting and wildlife (https://www.city-data.com/blog/5518-american-hunting-wildlife/) *Nov 19*
- The National Football League is an American treasure (https://www.city-data.com/blog/5013-national-football-league-american-treasure/) *Nov 12*

FORUM
Recent posts about Upper Sandusky, Ohio on our local forum (/forum/ohio/) with over 2,400,000 registered users. Upper Sandusky is mentioned 42 times on our forum:

Movies that are set in Ohio? (https://www.city-data.com/forum/ohio/2063643-movies-set-ohio-3.html#post51469238) (36 replies)

- **2-Part Question: A) Why Did You Leave Ohio or Move to Ohio B) What area did you leave/move to, and why? (https://www.city-data.com/forum/ohio/2200420-2-part-question-why-did-you-leave-ohio-move-ohio-b-what-area-did-you-leave-move-why-7.html#post42966923)** (100 replies)
- **Best city to live near Lima Ohio (https://www.city-data.com/forum/ohio/2894331-best-city-live-near-lima-ohio.html#post51264221)** (12 replies)
- **Downtown Toledo Living (https://www.city-data.com/forum/toledo/2567533-downtown-toledo-living-3.html#post44994428)** (38 replies)
- **Is there any hope of the 3C's ever splitting off into separate states (https://www.city-data.com/forum/ohio/1983298-there-any-hope-3c-s-ever-splitting-off-into-separate-states-24.html#post35078958)** (282 replies)
- **film question - in Ohio (https://www.city-data.com/forum/ohio/2822179-film-question-ohio.html#post49520684)** (6 replies)

Latest news from Upper Sandusky, OH collected exclusively by city-data.com from local newspapers, TV, and radio stations

x27 Incumbent bloodbath x27 : Pro-voucher Texas group spent 2 million to oust four Ohio House Republ (https://www.cleveland.com/news/2024/04/pro-voucher-texas-group-spent-2-million-in-ohio-house-races-contributing-to-incumbent-bloodbath-that-ousted-four-republicans.html)
Senate primary election in 2022, and Paul Kalmbach, the Upper Sandusky CEO of an animal-feed company. Kalmbachs son, Daniel Kalmbach, ran and lost to Newark state Rep. Kevin Miller, a pro-Stephens candidate that Make Liberty Win (cleveland.com)

Benjamin Logan Quiz Bowl Team Heads to State Championship 8211 Peak of Ohio (https://www.peakofohio.com/local-news/benjamin-logan-quiz-bowl-team-heads-to-state-championship)
for the upcoming Small School State Championships in Upper Sandusky next weekend, they welcome the support and well-wishes of the community. (peakofohio.com)

Hoffman Named BCS Band Director 8211 Peak of Ohio (https://www.peakofohio.com/local-news/hoffman-bamed-bcs-band-director)
from the Circleville area and is currently the director in Upper Sandusky. (peakofohio.com)

Ancestries: German (33.9%), American (12.2%), English (10.1%), Irish (5.0%), Scotch-Irish (3.8%), Italian (3.6%).

Current Local Time: 9:11:54 AM EST time zone

Incorporated in 1966

Elevation: 861 feet

Land area: 5.24 square miles.

Population density: 1,273 people per square mile (low).

95 residents are foreign born
This city: 1.4%
Ohio: 5.0%

Median real estate property taxes paid for housing units with mortgages in 2023: $1,459 (0.8%)
Median real estate property taxes paid for housing units with no mortgage in 2023: $1,208 (0.8%)

Nearest city with pop. 50,000+: Toledo, OH (Toledo-Ohio.html) (59.8 miles , pop. 313,619).

Nearest city with pop. 1,000,000+: Chicago, IL (Chicago-Illinois.html) (239.0 miles , pop. 2,896,016).

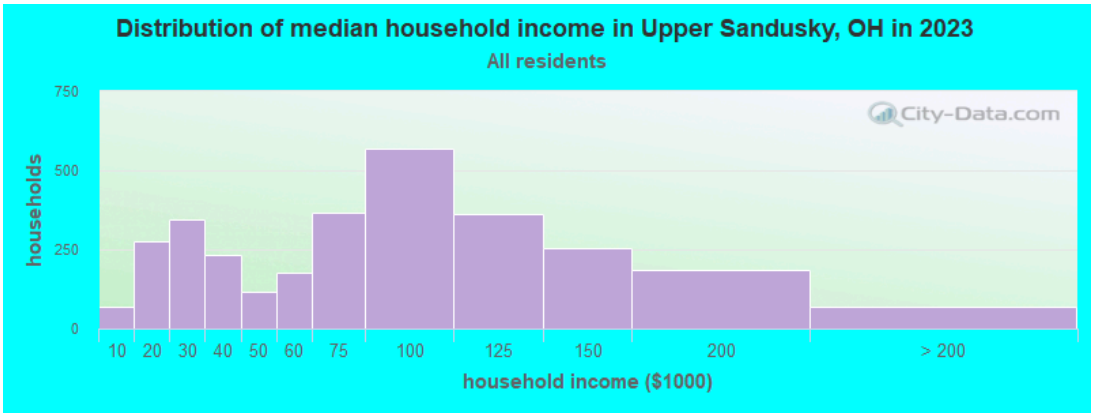
Nearest cities:

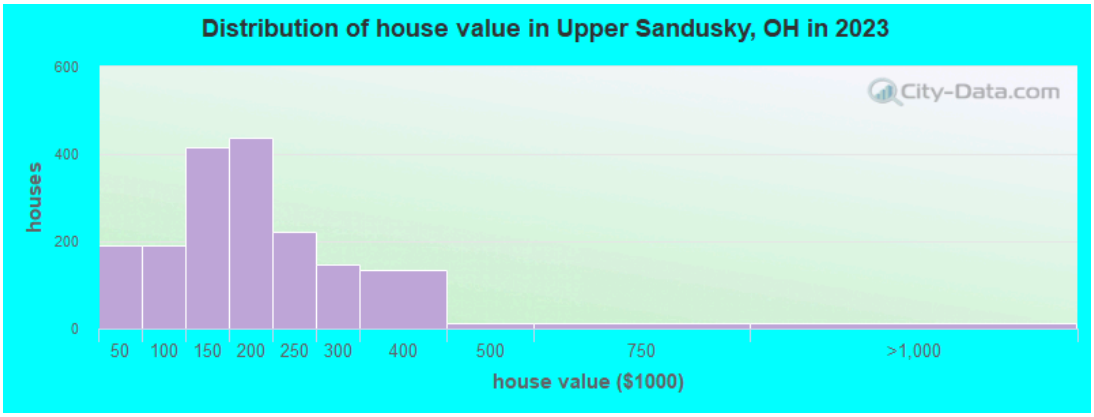
Harpster, OH (Harpster-Ohio.html) (2.6 miles), Kirby, OH (2.7 miles), Nevada, OH (Nevada-Ohio.html) (2.8 miles), Oceola, OH (3.1 miles), Wharton, OH (Wharton-Ohio.html) (3.1 miles), Carey, OH (Carey-Ohio.html) (3.2 miles), Sycamore, OH (Sycamore-Ohio.html) (3.2 miles), Morral, OH (Morral-Ohio.html) (3.2 miles)

Latitude: 40.83 N, Longitude: 83.28 W

Daytime population change due to commuting: +1,853 (+28.1%)
Workers who live and work in this city: 1,598 (47.9%)

Area codes: 419, 567



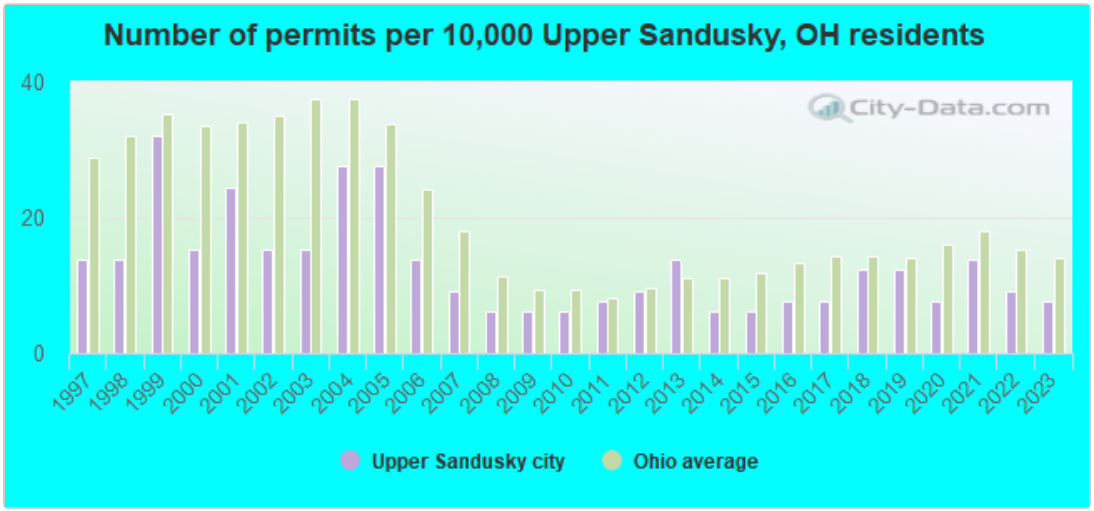


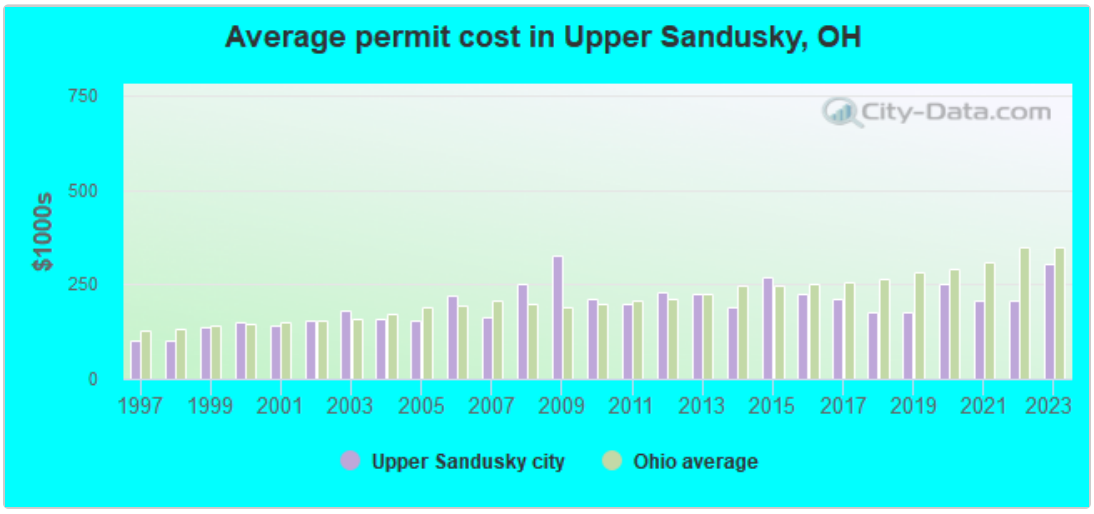
Upper Sandusky, Ohio accommodation & food services, waste management - Economy and Business Data (/business/econ-Upper-Sandusky-Ohio.html)

Single-family new house construction building permits:

- 2023: 5 buildings, average cost: $302,500
- 2022: 6 buildings, average cost: $207,000
- 2021: 9 buildings, average cost: $209,000
- 2020: 5 buildings, average cost: $250,800
- 2019: 8 buildings, average cost: $175,000
- 2018: 8 buildings, average cost: $175,000
- 2017: 5 buildings, average cost: $213,400
- 2016: 5 buildings, average cost: $226,600
- 2015: 4 buildings, average cost: $268,800
- 2014: 4 buildings, average cost: $189,300

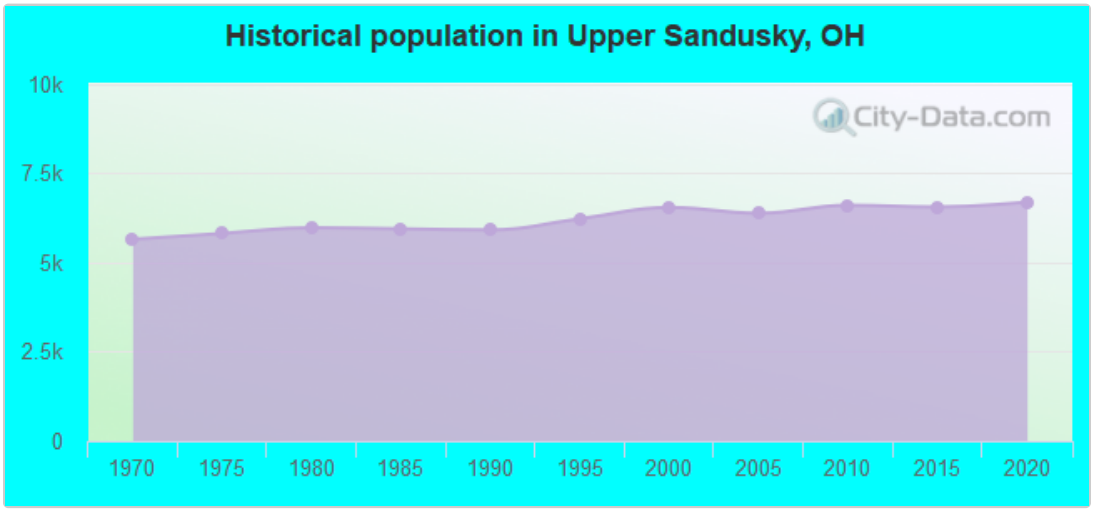
- 2013: 9 buildings, average cost: $223,500
- 2012: 6 buildings, average cost: $227,800
- 2011: 5 buildings, average cost: $199,800
- 2010: 4 buildings, average cost: $211,500
- 2009: 4 buildings, average cost: $326,000
- 2008: 4 buildings, average cost: $251,000
- 2007: 6 buildings, average cost: $164,500
- 2006: 9 buildings, average cost: $221,900
- 2005: 18 buildings, average cost: $153,200
- 2004: 18 buildings, average cost: $158,400
- 2003: 10 buildings, average cost: $180,600
- 2002: 10 buildings, average cost: $153,100
- 2001: 16 buildings, average cost: $139,600
- 2000: 10 buildings, average cost: $151,300
- 1999: 21 buildings, average cost: $135,300
- 1998: 9 buildings, average cost: $101,000
- 1997: 9 buildings, average cost: $101,000

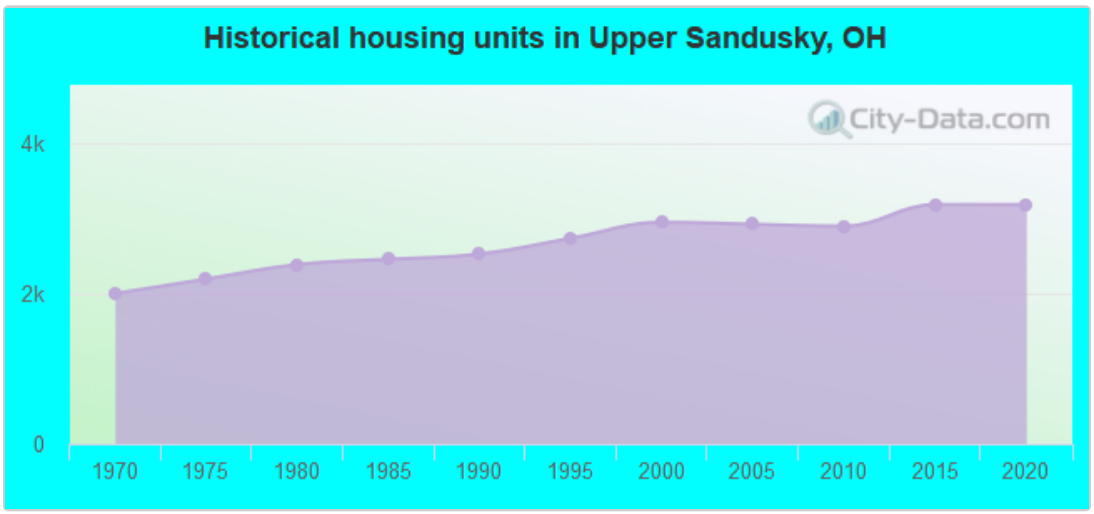




Unemployment in November 2024:

Here:	3.6%
Ohio:	3.9%

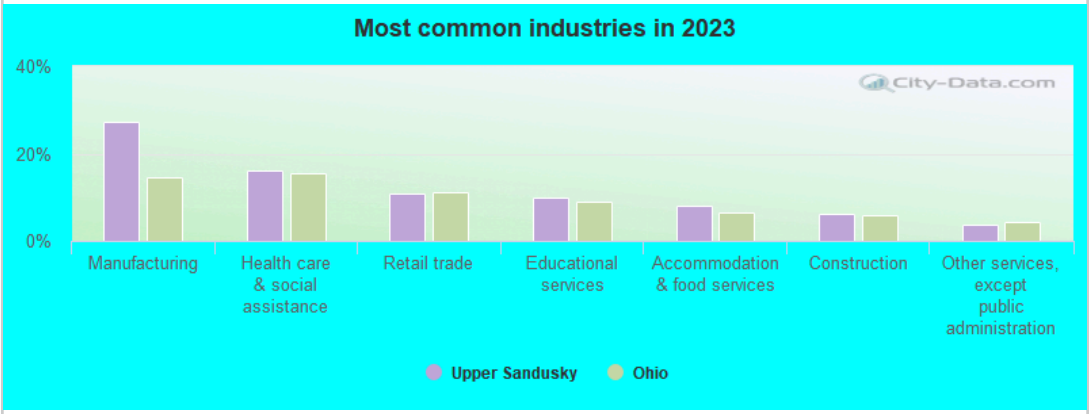




Population change in the 1990s: +442 (+7.3%).

Most common industries in Upper Sandusky, OH (%)

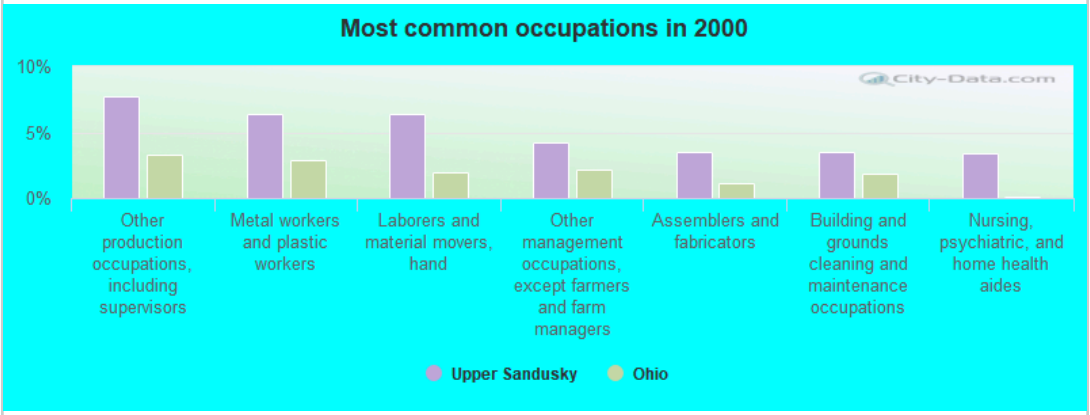
Both | Males | Females



- Manufacturing (27.4%)
- Health care & social assistance (16.0%)
- Retail trade (11.0%)
- Educational services (9.8%)
- Accommodation & food services (8.1%)
- Construction (6.3%)
- Other services, except public administration (3.8%)

Most common occupations in Upper Sandusky, OH (%)

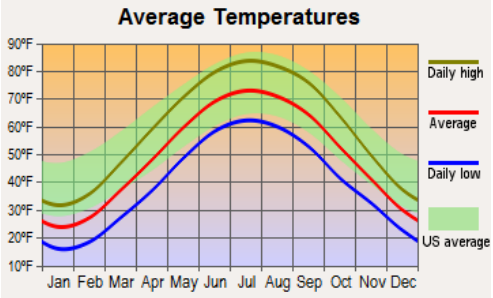
Both | Males | Females

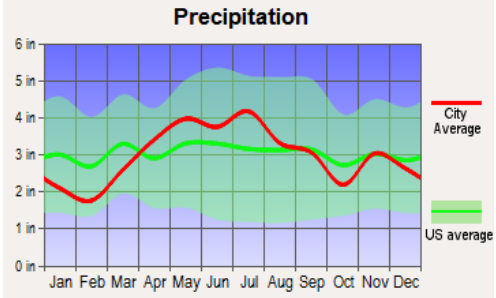


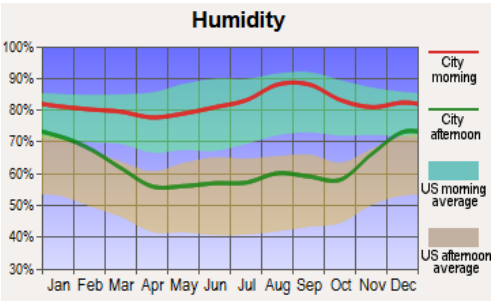
- Other production occupations, including supervisors (7.8%)
- Metal workers and plastic workers (6.4%)
- Laborers and material movers, hand (6.4%)
- Other management occupations, except farmers and farm managers (4.3%)
- Assemblers and fabricators (3.5%)
- Building and grounds cleaning and maintenance occupations (3.5%)
- Nursing, psychiatric, and home health aides (3.4%)

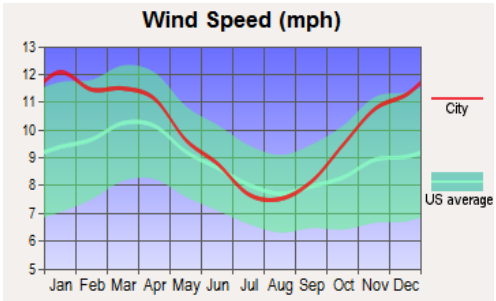
Average climate in Upper Sandusky, Ohio

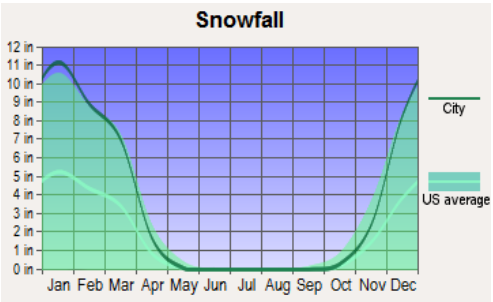
Based on data reported by over 4,000 weather stations

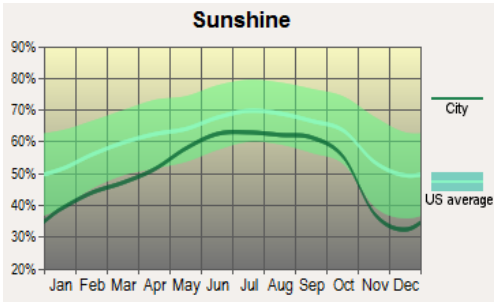


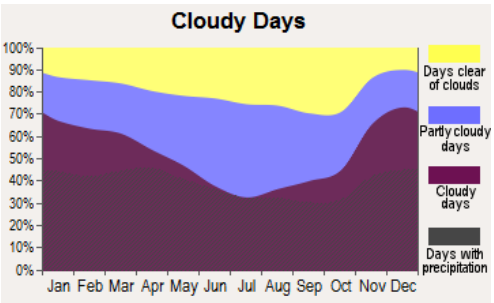










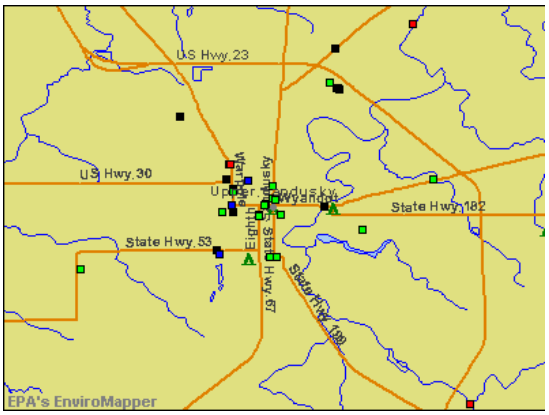


Tornado activity:

Upper Sandusky-area historical tornado activity is slightly above Ohio state average. It is 35% greater than the overall U.S. average.

On 4/11/1965, a category F4 (max. wind speeds 207-260 mph) tornado 18.7 miles away from the Upper Sandusky city center killed 13 people and injured 104 people and caused between $500,000 and $5,000,000 in damages.

On 6/2/1971, a category F3 (max. wind speeds 158-206 mph) tornado 9.4 miles away from the city center caused between $5000 and $50,000 in damages.



Earthquake activity:

Upper Sandusky-area historical earthquake activity is significantly above Ohio state average. It is 25% smaller than the overall U.S. average.

On 9/25/1998 at 19:52:52, a magnitude 5.2 (4.8 MB, 4.3 MS, 5.2 LG, 4.5 MW, Depth: 3.1 mi, Class: Moderate, Intensity: VI - VII) earthquake occurred 156.9 miles away from the city center

On 1/31/1986 at 16:46:43, a magnitude 5.0 (5.0 MB) earthquake occurred 122.5 miles away from the city center

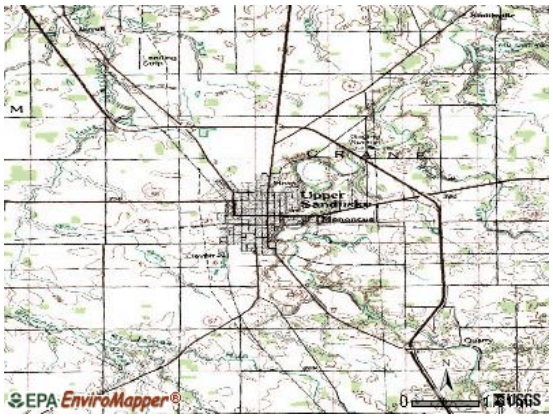
On 7/27/1980 at 18:52:21, a magnitude 5.2 (5.1 MB, 4.7 MS, 5.0 UK, 5.2 UK) earthquake

occurred 185.0 miles away from Upper Sandusky center
On 7/12/1986 at 08:19:37, a magnitude 4.5 (4.5 MB, Class: Light, Intensity: IV - V) earthquake occurred 60.7 miles away from the city center
On 8/23/2011 at 17:51:04, a magnitude 5.8 (5.8 MW, Depth: 3.7 mi) earthquake occurred 349.8 miles away from the city center
On 4/18/2008 at 09:36:59, a magnitude 5.4 (5.1 MB, 4.8 MS, 5.4 MW, 5.2 MW) earthquake occurred 295.3 miles away from Upper Sandusky center
Magnitude types: regional Lg-wave magnitude (LG), body-wave magnitude (MB), surface-wave magnitude (MS), moment magnitude (MW)

Natural disasters:

The number of natural disasters in Wyandot County (10) is smaller than the US average (19).
Major Disasters (Presidential) Declared: 4
Emergencies Declared: 4

Causes of natural disasters: Floods: 3, Storms: 3, Snows: 2, Tornadoes: 2, Blizzard: 1, Hurricane: 1, Mudslide: 1, Snowstorm: 1, Wind: 1, Winter Storm: 1, Other: 2 (Note: some incidents may be assigned to more than one category).



Main business address for: COMMERCIAL BANCSHARES INC \OH\ (/mapIt.html?what=Q09NTUVSQ0lBTCBCQU5DU0hBUkVTIElOQyBcT0hc&where=MTE4IFMgU0FORFVTS1kgQVZFLCBVcHBlciBTYW5kdXNreSwgT0ggNDMzNTE) (STATE COMMERCIAL BANKS).

Hospitals and medical centers in Upper Sandusky:

- HOSPICE OF WYANDOT COUNTY INC (/mapIt.html?what=SE9TUElDRSBPRiBXWUFORE9UIENPVU5UWSBJTkM&where=MzIwIFcgTUFQTEUgU1QsIFNVSVRFIEMsIFVQUEVSIFNBTkRVU0tZLCBPSCA0MzM1MQ) (320 W MAPLE ST, SUITE C)
- WYANDOT MEMORIAL HOSPITAL (/mapIt.html?what=V1lBTkRPVCBNRU1PUklBTCBIT1NQSVRBTA&where=ODg1IE5PUlRIIFNBTkRVU0tZIEFWRU5VRSwgVVBQRVIgU0FORFVTS1ksIE9lIDQzMzUx) (Government - Hospital District or Authority, 885 NORTH SANDUSKY AVENUE)
- WYANDOT COUNTY HOME HEALTH AGENCY (/mapIt.html?what=V1lBTkRPVCBDT1VOVFkgSE9NRSBIRUFMVEggQUdFTkNZ&where=MjEwIE5PUlRIIFNBTkRVU0tZIEFWRU5VRSwgVVBQRVIgU0FORFVTS1ksIE9lIDQzMzUx) (210 NORTH SANDUSKY AVENUE)
- FAIRHAVEN COMMUNITY (/mapIt.html?what=RkFJUkhBVkVOIENPTU1VTklUWQ&where=ODUwIFMgTUFSU0VJTExFUyBBVkVOVUUsIFVQUEVSIFNBTkRVU0tZLCBPSCA0MzM1MQ) (850 S MARSEILLES AVENUE)
- SUNNY VILLA INC (/mapIt.html?what=U1VOTlkgVklMTEEgSU5D&where=MzQyIFMgOFRIIFNULCBVUFBFUiBTQU5EVVNLWSwgT0ggNDMzNTE) (342 S 8TH ST)
- WYANDOT COUNTY SKILLED NURSING AND REHABILITATION (/mapIt.html?what=V1lBTkRPVCBDT1VOVFkgU0tJTExFRCBOVVJTSU5HIEFORCBSRUhBQklMSVRBVElPTg&where=NzgzMCBOIFNUIEhXWSAxOTkgUlIyLCBVUFBFUiBTQU5EVVNLWSwgT0ggNDMzNTE) (7830 N ST HWY 199 RR2)
- WYANDOT MANOR (/mapIt.html?what=V1lBTkRPVCBNQU5PUg&where=ODAwIE1JU1NJT04gRFJJVkUsIFVQUEVSIFNBTkRVU0tZLCBPSCA0MzM1MQ) (800 MISSION DRIVE)

Airports and heliports located in Upper Sandusky:

- Wyandot County Airport (56D) (/airports/Wyandot-County-Airport-Upper-Sandusky-Ohio.html) (/mapIt.html?what=V3lhbmRvdCBDb3VudHkgQWlycG9ydA&where=VXBwZXIgU2FuZHVza3ksIE9I&lat=40.883369&lng=-83.314532) (Runways: 1, Air Taxi Ops: 500, Itinerant Ops: 1,800, Local Ops: 5,100, Military Ops: 10)

- Wyandot Memorial Hospital Heliport (76OH) (/airports/Wyandot-Memorial-Hospital-Heliport-Upper-Sandusky-Ohio.html) (/mapIt.html?what=V3lhbmRvdCBNZW1vcmlhbCBIb3NwaXRhbCBIZWxpcG9ydA&where=VXBwZXIgU2FuZHVza3ksIE9I&lat=40.855334&lng=-83.280198)

See details about Airports and heliports located in Upper Sandusky, OH (/airports/Upper-Sandusky-Ohio.html)

Colleges/universities with over 2000 students nearest to Upper Sandusky:

- Tiffin University (about 21 miles; Tiffin, OH; Full-time enrollment: 4,927)
- The University of Findlay (about 25 miles; Findlay, OH; FT enrollment: 3,649)
- Ohio Northern University (about 30 miles; Ada, OH; FT enrollment: 2,474)
- Terra State Community College (about 37 miles; Fremont, OH; FT enrollment: 2,119)
- James A Rhodes State College (about 40 miles; Lima, OH; FT enrollment: 2,689)
- Bowling Green State University-Main Campus (about 43 miles; Bowling Green, OH; FT enrollment: 16,357)
- University of Northwestern Ohio (about 46 miles; Lima, OH; FT enrollment: 4,231)

Public high school in Upper Sandusky:

- UPPER SANDUSKY HIGH SCHOOL (/school/upper-sandusky-high-school-oh.html) (/mapIt.html?what=VVBQRVIgU0FORFVTS1kgSElHSCBTQ0hPT0w&where=ODAwIE4gU0FORFVTS1kgQVZFLCBVcHBlciBTYW5kdXNreSwgT0ggNDMzNTE&lat=40.839397&lng=-83.280905)(Students: 576, Location: 800 N SANDUSKY AVE, Grades: 9-12)

Public elementary/middle schools in Upper Sandusky:

- UPPER SANDUSKY MIDDLE SCHOOL (/school/upper-sandusky-middle-school-oh.html) (/mapIt.html?what=VVBQRVIgU0FORFVTS1kgTUlEREExFIFNDSE9PTA&where=MzkwIFcgV0FMS0VSIFNULCBVcHBlciBTYW5kdXNreSwgT0ggNDMzNTE&lat=40.828961&lng=-83.287617)(Students: 547, Location: 390 W WALKER ST, Grades: 4-8)
- UNION ELEMENTARY SCHOOL (/mapIt.html?what=VU5JT04gRUxFTUVOVEFSWSBTQ0hPT0w&where=MzkwIFcgV0FMS0VSIFNULCBVcHBlciBTYW5kdXNreSwgT0ggNDMzNTE&lat=40.828961&lng=-83.287617)(Location: 390 W WALKER ST, Grades: KG-3)
- SOUTH ELEMENTARY SCHOOL (/mapIt.html?what=U09VVEggRUxFTUVOVEFSWSBTQ0hPT0w&where=NDQ0IFMgOFRIIFNULCBVcHBlciBTYW5kdXNreSwgT0ggNDMzNTE&lat=40.822249&lng=-83.284585)(Location: 444 S 8TH ST, Grades: KG-5)
- EAST ELEMENTARY SCHOOL (/mapIt.html?what=RUFTVCBFTEVNRU5UQVJZIFNDSE9PTA&where=NDAxIE4gM1JEIFNULCBVcHBlciBTYW5kdXNreSwgT0ggNDMzNTE&lat=40.831601&lng=-83.276656)(Location: 401 N 3RD ST, Grades: KG-5)

Private elementary/middle school in Upper Sandusky:

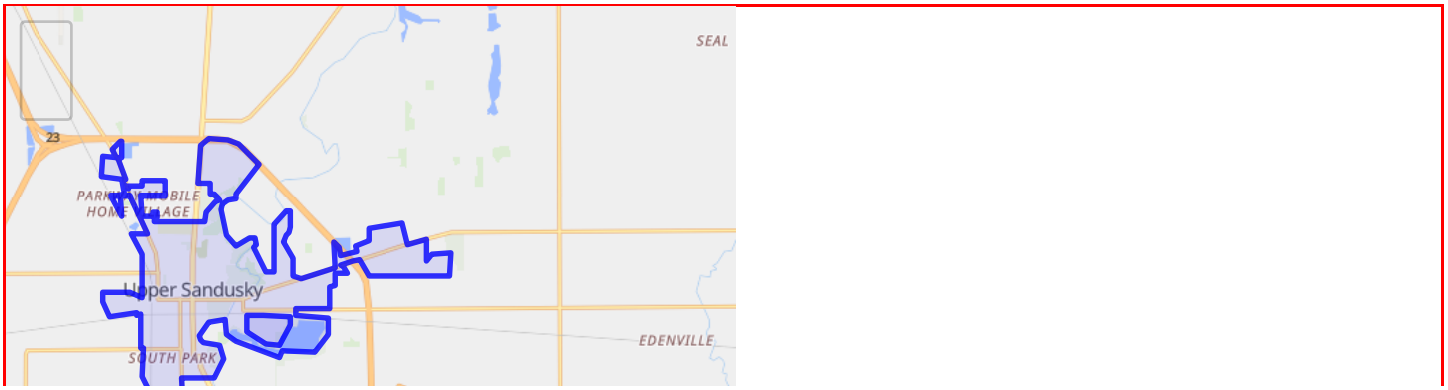
- ST PETER ELEMENTARY SCHOOL (/mapIt.html?what=U1QgUEVURVIgRUxFTUVOVEFSWSBTQ0hPT0w&where=MzEwIE4gOFRIIFNULCBVcHBlciBTYW5kdXNreSwgT0ggNDMzNTE&lat=40.830389&lng=-83.284587)(Students: 124, Location: 310 N 8TH ST, Grades: KG-6)

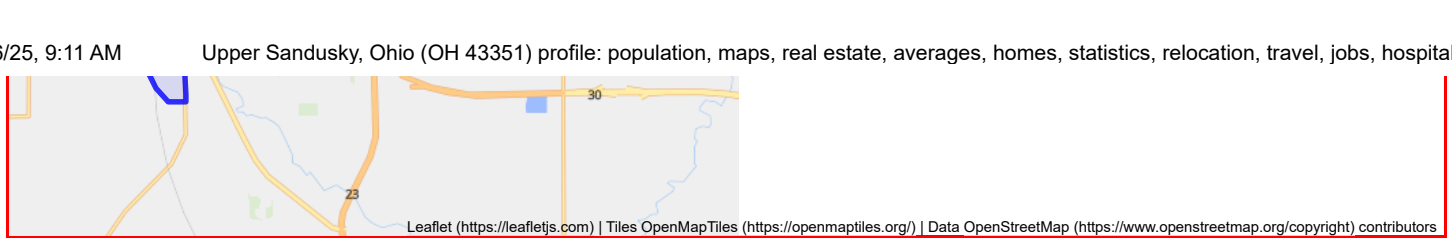
See full list of schools located in Upper Sandusky (/school/Upper-Sandusky-Ohio.html)

Library in Upper Sandusky:

- UPPER SANDUSKY COMMUNITY LIBRARY (/mapIt.html?what=VVBQRVIgU0FORFVTS1kgQ09NTVVOSVRZIExJQlJBUlk&where=MzAxIE4uIFNBTkRVU0tZIEFWRS4sIFVwcGVyIFNhbmR1c2t5LCBPSCA0MzM1MQ&sn=1) (Operating income: $357,320; Location: 301 N. SANDUSKY AVE.; 44,085 books; 1,579 audio materials; 2,349 video materials; 1 local licensed databases; 266 state licensed databases; 151 print serial subscriptions)

Points of interest:





Click to draw/clear city borders

Notable locations in Upper Sandusky: Lincoln Hill Golf Course (A), Karls Golf Course (B), Highland Acres Industrial Park (C), Wyandot County Emergency Medical Services (D), Upper Sandusky Fire Department (E), Upper Sandusky City Hall (F), Wyandot County Courthouse (G), Fairhaven United Church Homes (H), Wyandot Manor Nursing Home (I), Wyandot Museum (J), Upper Sandusky Community Library (K). Display/hide their locations on the map

Main business address in Upper Sandusky: COMMERCIAL BANCSHARES INC \OH\ (A). Display/hide its location on the map

Churches in Upper Sandusky include: Wyandot Mission Church (A), Trinity United Methodist Church (B), Trinity United Church of Christ (C), Saint Peters Catholic Church (D), Saint Paul Lutheran Church (E), Kingdom Hall of Jehovahs Witnesses (F), John Stewart United Methodist Church (G), First Presbyterian Church (H), First Lutheran Church (I). Display/hide their locations on the map

Cemeteries: Saint Peters Cemetery (1), Upper Sandusky Mausoleum (2), Nine Oaks Cemetery (3), Fort Ferree Cemetery (4), Mission Cemetery (5). Display/hide their locations on the map

Reservoir: Upper Sandusky Reservoir (A). Display/hide its location on the map

Parks in Upper Sandusky include: Harrison Smith Park (1), Bicentennial Park (2), South Sandusky Avenue Historic District (3). Display/hide their locations on the map

Tourist attraction: Bunch of Fun Youth Center (Amusement & Theme Parks; 439 North Warpole Street).

Hotels: Amerihost Inn (1726 E Wyandot Ave), Day's Motel Like Father Limited (325 North Warpole Street), AAA Auto Club (235 North Sandusky Avenue), Comfort Inn Upper Sandusky (105 Comfort Drive).

Birthplace of: Carl Karcher - Food industry businessman, Dave McClain (American football) - Football player and coach, Jon Diebler - Basketball player, Jeffrey McClain - Politician.

Wyandot County has a predicted average indoor radon screening level greater than 4 pCi/L (pico curies per liter) - **Highest Potential**

Drinking water stations with addresses in Upper Sandusky and their reported violations in the past:

LOVELL COUNTRY MARKET PWS (Population served: 42, Groundwater):

Past monitoring violations:
- 2 regular monitoring violations

TEE PEE CAMPGROUND (Population served: 38, Groundwater):

Past monitoring violations:
- One routine major monitoring violation

Drinking water stations with addresses in Upper Sandusky that have no violations reported:

- KINGDOM HALL OF JEHOVAHS WITNESSES (Population served: 90, Primary Water Source Type: Groundwater)
- LINCOLN HILLS GOLF CLUB (Population served: 25, Primary Water Source Type: Groundwater)

Average household size:
This city: 2.2 people
Ohio: 2.4 people

Percentage of family households:
This city: 59.8%
Whole state: 65.0%

Percentage of households with unmarried partners:
This city: 8.7%
Whole state: 6.8%

Likely homosexual households (counted as self-reported same-sex unmarried-partner households)

- Lesbian couples: 0.3% of all households
- Gay men: 0.1% of all households

People in group quarters in Upper Sandusky in 2010:

- 131 people in nursing facilities/skilled-nursing facilities
- 18 people in local jails and other municipal confinement facilities
- 5 people in group homes intended for adults

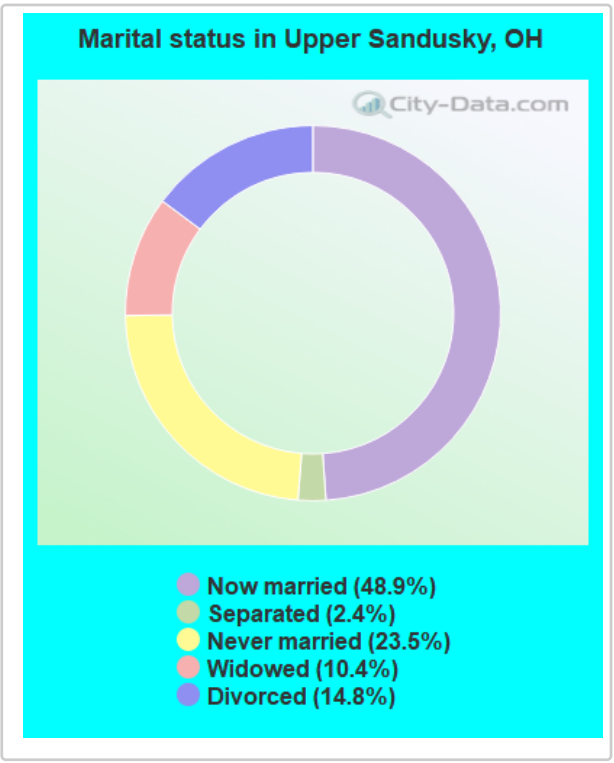
People in group quarters in Upper Sandusky in 2000:

- 245 people in nursing homes
- 13 people in local jails and other confinement facilities (including police lockups)
- 7 people in other group homes
- 6 people in homes for the mentally retarded

Banks with branches in Upper Sandusky (2011 data):

- The Commercial Savings Bank: at 118 South Sandusky Avenue, branch established on 1920/06/08; Drive-In Facility at 402 North Sandusky Avenue, branch established on 1981/09/01. Info updated 2007/12/26: Bank assets: $288.1 mil, Deposits: $259.3 mil, local headquarters, positive income, Commercial Lending Specialization, 9 total offices, Holding Company: Commercial Bancshares, Inc.
- The First Citizens National Bank of Upper Sandusky: Church Street Branch at 335 West Church Street, branch established on 1973/06/04; The First Citizens National Bank Of at 100 North Sandusky, branch established on 1902/12/01. Info updated 2006/11/03: Bank assets: $220.2 mil, Deposits: $170.7 mil, local headquarters, positive income, 8 total offices
- Community First Bank, National Association: Upper Sandusky Branch at 101 N. Sandusky Avuene, branch established on 2002/03/25. Info updated 2006/11/03: Bank assets: $52.3 mil, Deposits: $47.0 mil, headquarters in Forest, OH, positive income, Agricultural Specialization, 3 total offices, Holding Company: Community First Bancshares, Inc.
- The Huntington National Bank: Upper Sandusky Branch at 491 West Church Street, branch established on 1985/06/30. Info updated 2012/04/02: Bank assets: $54,183.4 mil, Deposits: $44,300.3 mil, headquarters in Columbus, OH, positive income, Commercial Lending Specialization, 878 total offices, Holding Company: Huntington Bancshares Incorporated
- JPMorgan Chase Bank, National Association: Upper Sandusky Branch at 335 North Sandusky Avenue, branch established on 1889/01/01. Info updated 2011/11/10: Bank assets: $1,811,678.0 mil, Deposits: $1,190,738.0 mil, headquarters in Columbus, OH, positive income, International Specialization, 5577 total offices, Holding Company: Jpmorgan Chase & Co.

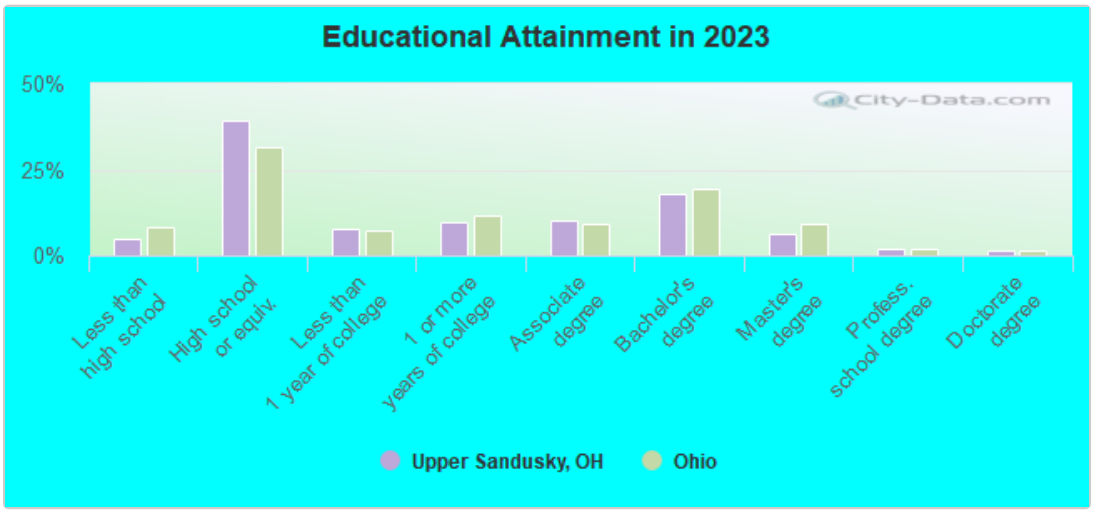
For population 15 years and over in Upper Sandusky:

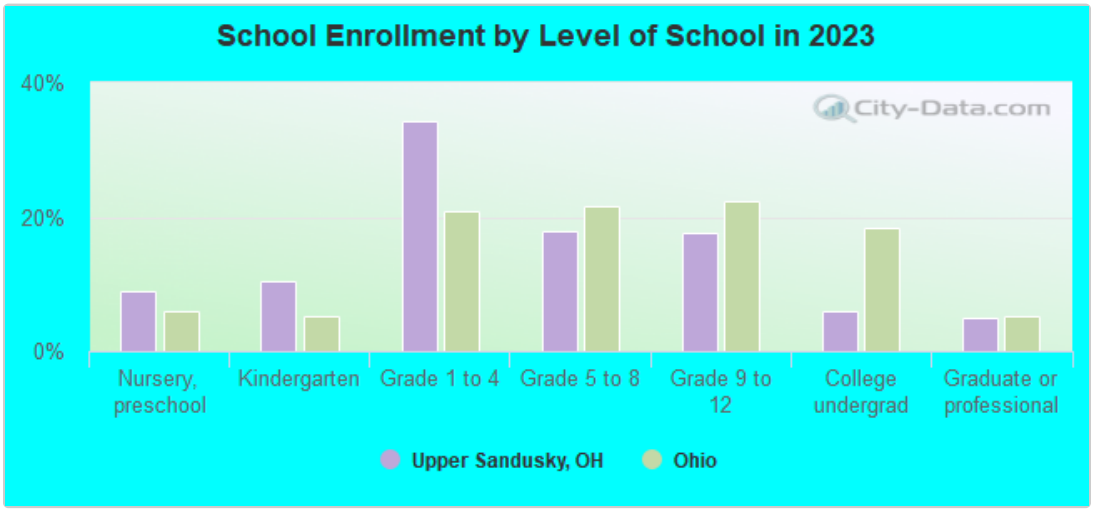


- Never married: 23.5%
- Now married: 48.9%
- Separated: 2.4%
- Widowed: 10.4%
- Divorced: 14.8%

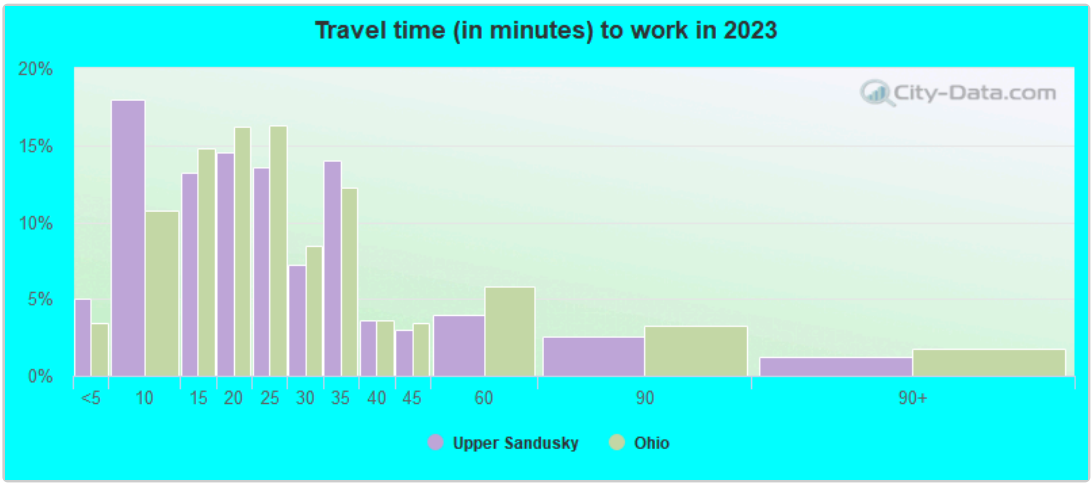
For population 25 years and over in Upper Sandusky:

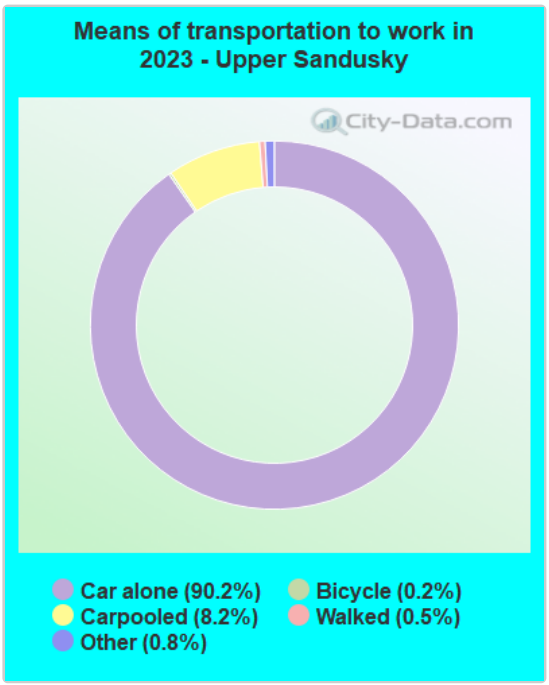
- High school or higher: 94.5%
- Bachelor's degree or higher: 26.6%
- Graduate or professional degree: 9.0%
- Unemployed: 2.1%
- Mean travel time to work (commute): 19.4 minutes

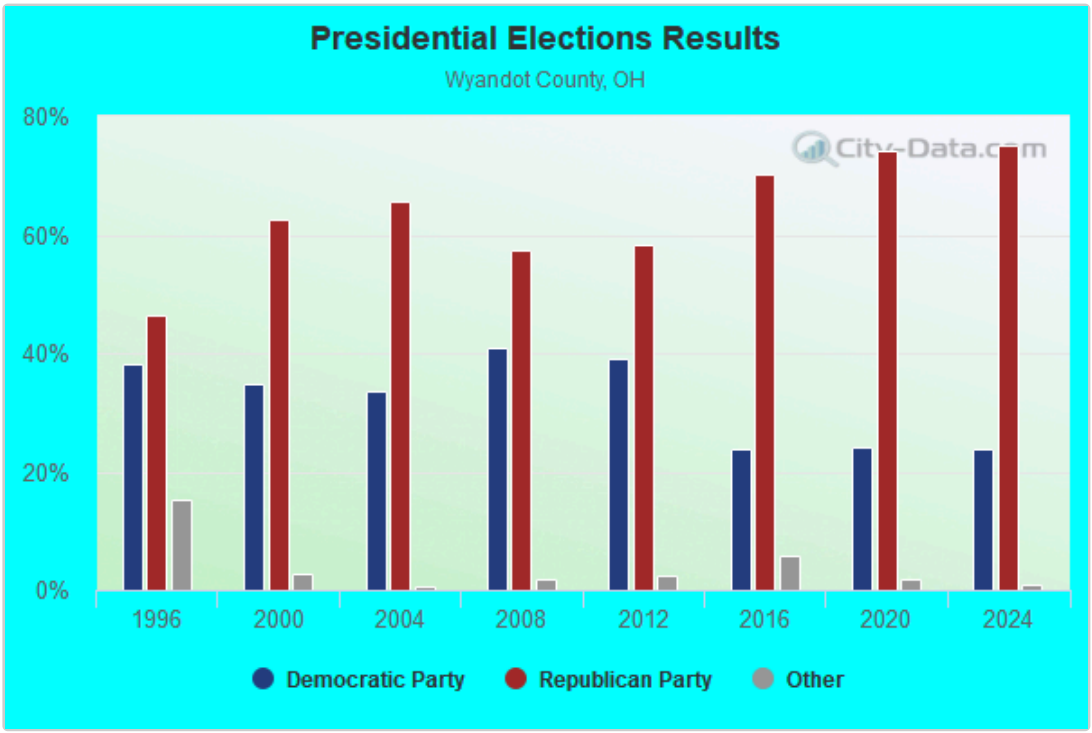


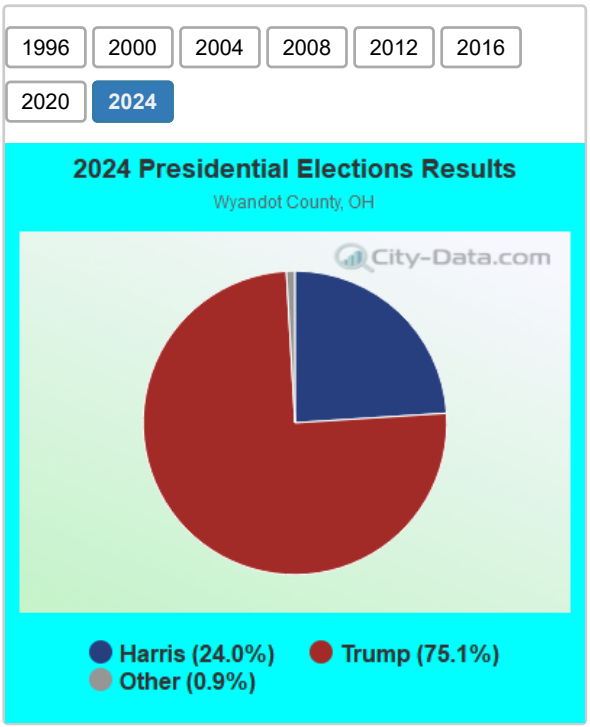


Education Gini index (Inequality in education)
Here: 9.3
Ohio average: 11.0









Graphs represent county-level data. Detailed 2008 Election Results (/elec08/WYANDOT-OHIO.html)

Political contributions by individuals in Upper Sandusky, OH (/elec2/TOCelec-UPPER-SANDUSKY-OH.html)

Religion statistics for Upper Sandusky, OH (based on Wyandot County data)

Religion	Adherents	Congregations
Mainline Protestant	6,194	27
Catholic	4,737	3
Evangelical Protestant	1,409	14
Other	-	1
None	10,275	-

Source: Clifford Grammich, Kirk Hadaway, Richard Houseal, Dale E.Jones, Alexei Krindatch, Richie Stanley and Richard H.Taylor. 2012. 2010 U.S.Religion Census: Religious Congregations & Membership Study. Association of Statisticians of American Religious Bodies. Jones, Dale E., et al. 2002. Congregations and Membership in the United States 2000. Nashville, TN: Glenmary Research Center. Graphs represent county-level data

Food Environment Statistics:

Number of grocery stores: 9
This county: 4.01 / 10,000 pop.
Ohio: 1.89 / 10,000 pop.

Number of convenience stores (no gas): 4
This county: 1.78 / 10,000 pop.
Ohio: 1.25 / 10,000 pop.

Number of convenience stores (with gas): 7
Here: 3.12 / 10,000 pop.
State: 2.93 / 10,000 pop.

Number of full-service restaurants: 18
This county: 8.03 / 10,000 pop.
Ohio: 6.25 / 10,000 pop.

Adult diabetes rate:
Wyandot County: 11.0%
Ohio: 10.3%

Adult obesity rate:
Here: 30.0%
Ohio: 29.1%

Low-income preschool obesity rate:
Wyandot County: 13.2%
State: 11.9%

Health and Nutrition:

Healthy diet rate:
Upper Sandusky: 50.1%
State: 50.4%

Average overall health of teeth and gums:
This city: 46.5%
Ohio: 47.8%

Average BMI:
This city: 28.4
Ohio: 28.7

People feeling badly about themselves:
Upper Sandusky: 22.5%
State: 20.6%

People not drinking alcohol at all:
Upper Sandusky: 10.7%
Ohio: 10.4%

Average hours sleeping at night:
Here: 6.9
Ohio: 6.8

Overweight people:
Upper Sandusky: 33.5%
State: 34.3%

General health condition:
Upper Sandusky: 55.7%
State: 57.0%

Average condition of hearing:
Upper Sandusky: 76.9%
State: 79.1%

More about Health and Nutrition of Upper Sandusky, OH Residents (/health-nutrition/Upper-Sandusky-Ohio.html)

Local government employment and payroll (March 2022)

Function	Full-time employees	Monthly full-time payroll	Average yearly full-time wage	Part-time employees	Monthly part-time payroll
Police Protection - Officers	12	$58,971	$58,971	0	$0
Water Supply	10	$41,479	$49,775	0	$0
Judicial and Legal	9	$43,814	$58,419	0	$0
Sewerage	6	$25,598	$51,196	0	$0
Solid Waste Management	5	$16,658	$39,979	0	$0
Streets and Highways	5	$16,448	$39,475	0	$0
Police - Other	4	$12,766	$38,298	1	$500
Parks and Recreation	4	$14,803	$44,409	0	$0
Financial Administration	3	$12,489	$49,956	2	$1,646
Firefighters	3	$12,017	$48,068	15	$4,033
Other Government Administration	3	$12,496	$49,984	8	$6,311
Correction	2	$18,768	$112,608	0	$0
Totals for Government	66	$286,308	$52,056	26	$12,490

Expenditure | Revenue

Upper Sandusky government finances - Expenditure in 2022 (per resident):

- Construction - Sewerage: $1,014,000 ($151.91)
  - Water Utilities: $327,000 ($48.99)
  - Solid Waste Management: $99,000 ($14.83)
  - Parks and Recreation: $30,000 ($4.49)
  - Police Protection: $25,000 ($3.75)
  - Financial Administration: $24,000 ($3.60)
  - Local Fire Protection: $23,000 ($3.45)
- Current Operations - Police Protection: $2,810,000 ($420.97)

- Sewerage: $1,899,000 ($284.49)
- Water Utilities: $1,843,000 ($276.10)
- Judicial and Legal Services: $1,453,000 ($217.68)
- Solid Waste Management: $1,231,000 ($184.42)
- Regular Highways: $1,188,000 ($177.98)
- Central Staff Services: $779,000 ($116.70)
- Parks and Recreation: $763,000 ($114.31)
- Local Fire Protection: $683,000 ($102.32)
- Financial Administration: $455,000 ($68.16)
- Corrections - Other: $56,000 ($8.39)
- Health - Other: $53,000 ($7.94)
- General - Other: $50,000 ($7.49)

- Intergovernmental to Local - Other - General - Other: $50,000 ($7.49)
- Water Utilities - Interest on Debt: $423,000 ($63.37)

Upper Sandusky government finances - Revenue in 2022 (per resident):

- Charges - Sewerage: $2,246,000 ($336.48)
  - Solid Waste Management: $1,260,000 ($188.76)
  - Miscellaneous Commercial Activities: $122,000 ($18.28)
  - Parks and Recreation: $50,000 ($7.49)
- Local Intergovernmental - Other: $47,000 ($7.04)
- Miscellaneous - Fines and Forfeits: $728,000 ($109.06)
  - Donations From Private Sources: $26,000 ($3.90)
  - Interest Earnings: $12,000 ($1.80)
  - Rents: $7,000 ($1.05)
  - Special Assessments: $1,000 ($0.15)
- Revenue - Water Utilities: $3,255,000 ($487.64)
- State Intergovernmental - Other: $182,000 ($27.27)
- Tax - Individual Income: $4,686,000 ($702.02)
  - Corporation Net Income: $1,296,000 ($194.16)
  - Property: $566,000 ($84.79)
  - Motor Vehicle License: $165,000 ($24.72)
  - Occupation and Business License - Other: $103,000 ($15.43)
  - Alcoholic Beverage License: $23,000 ($3.45)
  - Other License: $1,000 ($0.15)

Upper Sandusky government finances - Debt in 2022 (per resident):

- Long Term Debt - Outstanding Unspecified Public Purpose: $20,113,000 ($3013.18)
  - Beginning Outstanding - Unspecified Public Purpose: $20,113,000 ($3013.18)

Businesses in Upper Sandusky, OH

Name	Count	Name	Count
Advance Auto Parts	1	KFC	1
Arby's	1	Long John Silver's	1
Burger King	1	McDonald's	1
Circle K	1	Rite Aid	1
Comfort Inn	1	Subway	2
Curves	1	Taco Bell	1
Dairy Queen	1	U-Haul	2
Days Inn	1	UPS	2

Businesses in Upper Sandusky, OH

Name	Count	Name	Count
FedEx	2	Walmart	1
GNC	1	Wendy's	1
H&R Block	1		

Strongest AM radio stations in Upper Sandusky:

- WTVN (610 AM; 50 kW; COLUMBUS, OH; Owner: CITICASTERS LICENSES, L.P.)
- WKNR (850 AM; 50 kW; CLEVELAND, OH; Owner: CARON BROADCASTING, INC.)
- WJR (760 AM; 50 kW; DETROIT, MI; Owner: ABC, INC.)
- WFDF (910 AM; 50 kW; FLINT, MI; Owner: ABC, INC.)
- WRFD (880 AM; daytime; 23 kW; COLUMBUS-WORTHINGTON, OH; Owner: SALEM MEDIA OF OHIO, INC.)
- WDFN (1130 AM; 50 kW; DETROIT, MI; Owner: AMFM RADIO LICENSES, L.L.C.)
- WTAM (1100 AM; 50 kW; CLEVELAND, OH; Owner: JACOR BROADCASTING CORPORATION)
- WHK (1220 AM; 50 kW; CLEVELAND, OH; Owner: CARON BROADCASTING, INC.)
- WLW (700 AM; 50 kW; CINCINNATI, OH; Owner: JACOR BROADCASTING CORPORATION)
- WCHB (1200 AM; 50 kW; TAYLOR, MI; Owner: RADIO ONE OF DETROIT, LLC)
- WWJ (950 AM; 50 kW; DETROIT, MI; Owner: INFINITY BROADCASTING OPERATIONS, INC.)
- WOWO (1190 AM; 50 kW; FORT WAYNE, IN; Owner: PATHFINDER COMMUNICATIONS CORPORATION)
- WXYT (1270 AM; 50 kW; DETROIT, MI; Owner: INFINITY BROADCASTING CORP. OF DETROIT)

Strongest FM radio stations in Upper Sandusky:

- WXML (90.1 FM; UPPER SANDUSKY, OH; Owner: KAYSER B/CAST MINISTRIES, INC.)
- WYNT (95.9 FM; UPPER SANDUSKY, OH; Owner: CLEAR CHANNEL BROADCASTING LICENSES, INC.)
- WOSB (91.1 FM; MARION, OH; Owner: THE OHIO STATE UNIVERSITY)
- WKXA-FM (100.5 FM; FINDLAY, OH; Owner: BLANCHARD RIVER BROADCASTING COMPANY)
- WMRN-FM (106.9 FM; MARION, OH; Owner: CITICASTERS LICENSES, L.P.)
- WDIF (94.3 FM; MARION, OH; Owner: CITICASTERS LICENSES, L.P.)
- WCKY-FM (103.7 FM; TIFFIN, OH; Owner: CITICASTERS LICENSES, L.P.)
- WQEL (92.7 FM; BUCYRUS, OH; Owner: ANCHOR BROADCASTING COMPANY)
- WFXN-FM (102.3 FM; GALION, OH; Owner: CAPSTAR TX LIMITED PARTNERSHIP)
- WKTN (95.3 FM; KENTON, OH; Owner: RADIO GENERAL, LTD.)
- WYXZ (98.7 FM; CRESTLINE, OH; Owner: ELYRIA-LORAIN BROADCASTING COMPANY)
- WBVI (96.7 FM; FOSTORIA, OH; Owner: TCB HOLDINGS, INC./ C/O ROPPE CORPOR)
- WPFX-FM (107.7 FM; NORTH BALTIMORE, OH; Owner: CITICASTERS LICENSES, L.P.)
- W257AB (99.3 FM; MARION, OH; Owner: GAP, INC.)

TV broadcast stations around Upper Sandusky:

- WMFD-TV (Channel 68; MANSFIELD, OH; Owner: MID-STATE TELEVISION,INC.)
- W54AF (Channel 54; BUCYRUS, OH; Owner: CRAWFORD BROADCASTING. COMPANY, INC.)
- WLQP-LP (Channel 18; LIMA, OH; Owner: METRO VIDEO PRODUCTIONS, INC.)
- WBGU-TV (Channel 27; BOWLING GREEN, OH; Owner: BOWLING GREEN STATE UNIVERSITY)
- W09CG (Channel 9; FINDLAY, OH; Owner: NATIONAL MINORITY T.V., INC.)
- WOCB-LP (Channel 39; MARION, OH; Owner: CENTRAL OHIO ASSOCIATION OF CHRISTIAN BROADCASTERS)

Upper Sandusky fatal accident statistics for 1975 - 2022

See more detailed statistics of Upper Sandusky fatal car crashes and road traffic accidents for 1975 - 2022 here (/accidents/acc-Upper-Sandusky-Ohio.html)

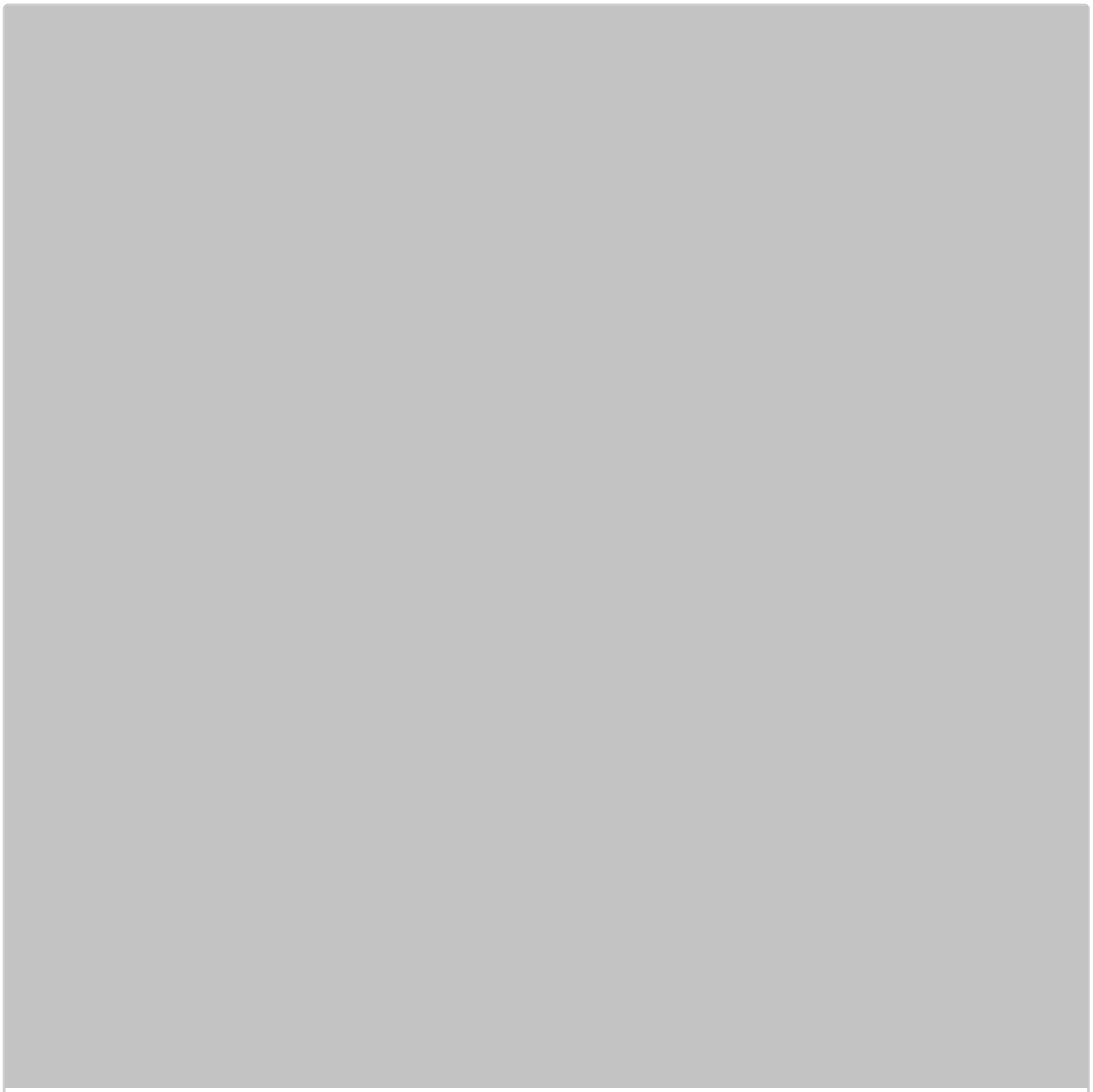
National Bridge Inventory (NBI) Statistics	
Number of bridges	7
Total length	66ft / 20.0m
Total average daily traffic	56,097
Total average daily truck traffic	9,844

FCC Registered Cell Phone Towers: 2 (See the full list of FCC Registered Cell Phone Towers in Upper Sandusky (/towers/cell-Upper-Sandusky-Ohio.html#CellPhone))
FCC Registered Antenna Towers: 109 (See the full list of FCC Registered Antenna Towers (/towers/cell-Upper-Sandusky-Ohio.html#Antenna))
FCC Registered Commercial Land Mobile Towers: 2 (See the full list of FCC Registered Commercial Land Mobile Towers in Upper Sandusky, OH (/towers/lmobile-Upper-Sandusky-Ohio.html#Commercial))
FCC Registered Private Land Mobile Towers: 1 (See the full list of FCC Registered Private Land Mobile Towers (/towers/lmobile-Upper-Sandusky-Ohio.html#Private))
FCC Registered Broadcast Land Mobile Towers: 32 (See the full list of FCC Registered Broadcast Land Mobile Towers (/towers/lmobile-Upper-Sandusky-Ohio.html#Broadcast))
FCC Registered Microwave Towers: 20 (See the full list of FCC Registered Microwave Towers in this town (/towers/other-Upper-Sandusky-Ohio.html#Microwave))
FCC Registered Paging Towers: 2 (See the full list of FCC Registered Paging Towers (/towers/other-Upper-Sandusky-Ohio.html#Paging))
FCC Registered Amateur Radio Licenses: 53 (See the full list of FCC Registered Amateur Radio Licenses in Upper Sandusky (/aradio/lic-Upper-Sandusky-Ohio.html))

FAA Registered Aircraft: 20 (See the full list of FAA Registered Aircraft in Upper Sandusky (/aircraft/air-Upper-Sandusky-Ohio.html#acrafts))

2002 - 2018 National Fire Incident Reporting System (NFIRS) incidents

According to the data from the years 2002 - 2018 the average number of fire incidents per year is 48. The highest number of fire incidents - 71 took place in 2015, and the least - 26 in 2002. The data has a growing trend.



When looking into fire subcategories, the most incidents belonged to: Structure Fires (51.3%), and Outside Fires (30.0%).

Fire incident types reported to NFIRS in Upper Sandusky, OH		
Structure Fires	**51.3%**	**421**
Outside Fires	**30.0%**	**246**
Mobile Property/Vehicle Fires	**16.6%**	**136**
Other	**2.2%**	**18**

See full National Fire Incident Reporting System statistics for Upper Sandusky, OH (/fire/fire-Upper-Sandusky-Ohio.html)

Fire-safe hotels and motels in Upper Sandusky, Ohio:

- Comfort Inn, 105 Comfort Dr, Upper Sandusky, Ohio 43351 (/mapIt.html?what=Q29tZm9ydCBJbm4&where=MTA1IENvbWZvcnQgRHIsIFVwcGVyIFNhbmR1c2t5LCBPaGlvIDQzMzUx), Phone: (419) 294-3891, Fax: (419) 294-2540
- Best Western, 1726 E Wyandot Ave, Upper Sandusky, Ohio 43351 (/mapIt.html?what=QmVzdCBXZXN0ZXJu&where=MTcyNiBFIFd5YW5kb3QgQXZlLCBVcHBlciBTYW5kdXNreSwgT2hpbyA0MzM1MQ), Phone: (419) 294-3919, Fax: (419) 294-5684

All 2 fire-safe hotels and motels in Upper Sandusky, Ohio (/fire-safe/hotels-Upper-Sandusky-OH.html)

Most common first names in Upper Sandusky, OH among deceased individuals

Name	Count	Lived (average)
Mary	125	81.9 years
John	88	76.9 years
Robert	82	74.5 years
William	70	77.0 years
Helen	57	84.1 years
Ruth	53	81.7 years
Charles	50	77.1 years
Mildred	44	80.5 years
Dorothy	43	79.0 years
George	43	75.2 years

Most common last names in Upper Sandusky, OH among deceased individuals

Last name	Count	Lived (average)
Smith	63	79.1 years
Miller	38	81.4 years
Swartz	29	77.8 years
Kuenzli	26	79.8 years
Koehler	25	81.6 years
Gottfried	25	82.2 years
Schoenberger	25	80.8 years
Young	25	73.6 years
Thiel	25	75.0 years
Walton	21	75.8 years

Houses and condos | Apartments

Utility gas	69.6%
Electricity	24.6%
Bottled, tank, or LP gas	4.6%
Wood	0.5%
Fuel oil, kerosene, etc.	0.4%
Other fuel	0.3%

Upper Sandusky compared to Ohio state average:

- Unemployed percentage significantly below state average.
- Black race population percentage significantly below state average.
- Foreign-born population percentage significantly below state average.
- Length of stay since moving in significantly above state average.

- Number of college students below state average.

Upper Sandusky on our top lists (https://www.city-data.com/top2/toplists2.html):

- #5 on the list of "Top 101 cities with the lowest number of burglaries per 100,000 residents (population 5,000+)"
- #10 on the list of "Top 101 cities with the largest city-data.com crime index decrease from 2002 to 2012 (population 5,000+)"
- #17 on the list of "Top 101 cities with the smallest city-data.com crime index per police officer (population 5,000+)"
- #19 on the list of "Top 101 cities with the lowest city-data.com crime index (population 5,000+)"
- #22 on the list of "Top 101 cities with the lowest number of thefts per 100,000 residents (population 5,000+)"
- #74 on the list of "Top 101 cities with the lowest number of assaults per 100,000 residents (population 5,000+)"
- #99 on the list of "Top 101 cities with the lowest number of auto thefts per 100,000 residents (population 5,000+)"

There are 10 pilots (/pilots/upper-sandusky-city-ohio.html#pilots) and 5 other airmen (/pilots/upper-sandusky-city-ohio.html#airman) in this city.

Cost of Living Calculator

Your current salary: 50000

State of origin: Ohio

Destination state: Choose state

Top Patent Applicants

John G. Joseph (8)	Lawrence Shepherd (2)
Troy David Geiser (3)	Lillian Jean Shepherd (2)
Mark Carey (3)	Lynn L. Getz (1)
Mark R. Carey (3)	Mark R. Carey, Jr. (1)
Alec Peter Bacon (2)	Jason T. Hoffbauer (1)

Total of 23 patent applications in 2008-2025.

All Cities (/) / Ohio (/city/Ohio.html), OH smaller cities (/city/Ohio2.html), OH small cities (/city/Ohio3.html)
/ Wyandot County (/county/Wyandot_County-OH.html)
/ Upper Sandusky, OH housing info (/housing/houses-Upper-Sandusky-Ohio.html) / Upper Sandusky, Ohio

Add new facts and correct factual errors about Upper Sandusky, Ohio (/sendfact.php?w=Upper-Sandusky-Ohio.html&n=Upper%20Sandusky)

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Appendix E:

County Unemployment Rate

(From Bureau of Labor Statistics)

March 2025 Ranking of Ohio County Unemployment Rates

(Not Seasonally Adjusted)

Among the state's 88 counties, preliminary March 2025 unemployment rates ranged from a low of 3.6% in Medina County to a high of 8.5% in Ottawa County. From February, unemployment rates increased in 8 counties, decreased in 64 counties, and did not change in 16 counties. The comparable March unemployment rate for Ohio was 5.1%. (See table on next page.)

Five counties had unemployment rates below 4.0% in March. The counties with the lowest rates, other than Medina, were: Geauga at 3.8% and Holmes, Mercer and Union all at 3.9%.

Four counties had unemployment rates above 8.0% in March. The counties with the highest rates, other than Ottawa, were: Meigs, 8.4%; Noble, 8.2%; and Monroe, 8.1%.

EDITOR'S NOTE: These estimates, prepared in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor, are based on 2024 benchmark and geared to county of residence. Unemployment rates for all Ohio counties as well as cities with populations of 25,000 or more are presented in the monthly ODJFS ***Civilian Labor Force Estimates*** publication. For updated statewide historical data, visit https://ohiolmi.com/DataSearch, or contact the Bureau of Labor Market Information at (614) 752-9494.

April 2025 unemployment rates and nonagricultural wage and salary data for Ohio will be released by ODJFS on Friday, May 16, 2025. Unemployment rates for counties, cities, and metropolitan areas will be available on Tuesday, May 20, 2025.

Ranking Report
Ohio Unemployment Rates by County
March 2025

Rank [a]	County	Unemployment Rate	Rank [a]	County	Unemployment Rate
1	Ottawa County	8.5	45	Allen County	5.4
2	Meigs County	8.4	46	Marion County	5.4
3	Noble County	8.2	47	Pickaway County	5.4
4	Monroe County	8.1	48	Portage County	5.4
5	Henry County	7.9	49	Tuscarawas County	5.4
6	Adams County	7.8	50	Williams County	5.4
7	Pike County	7.6	51	Champaign County	5.3
8	Guernsey County	7.4	52	Defiance County	5.3
9	Scioto County	7.4	53	Hardin County	5.3
10	Huron County	7.2	54	Knox County	5.2
11	Morgan County	7.1	55	Darke County	5.1
12	Jackson County	6.9	56	Morrow County	5.1
13	Perry County	6.8	57	Ashtabula County	5.0
14	Erie County	6.7	58	Clinton County	5.0
15	Vinton County	6.7	59	Paulding County	5.0
16	Lucas County	6.5	60	Butler County	4.9
17	Belmont County	6.4	61	Clermont County	4.9
18	Fulton County	6.4	62	Fairfield County	4.9
19	Gallia County	6.4	63	Franklin County	4.9
20	Brown County	6.3	64	Greene County	4.9
21	Harrison County	6.3	65	Hamilton County	4.9
22	Jefferson County	6.3	66	Hancock County	4.9
23	Coshocton County	6.2	67	Licking County	4.9
24	Trumbull County	6.2	68	Logan County	4.9
25	Carroll County	6.1	69	Miami County	4.9
26	Crawford County	6.1	70	Shelby County	4.9
27	Highland County	6.1	71	Van Wert County	4.9
28	Muskingum County	6.1	72	Wood County	4.9
29	Richland County	6.1	73	Madison County	4.7
30	Ross County	6.1	74	Preble County	4.7
31	Sandusky County	6.1	75	Wayne County	4.7
32	Athens County	5.9	76	Wyandot County	4.6
33	Hocking County	5.9	77	Lorain County	4.5
34	Mahoning County	5.9	78	Putnam County	4.5
35	Clark County	5.8	79	Warren County	4.5
36	Columbiana County	5.8	80	Cuyahoga County	4.3
37	Fayette County	5.8	81	Auglaize County	4.2
38	Seneca County	5.7	82	Delaware County	4.2
39	Washington County	5.7	83	Lake County	4.1
40	Lawrence County	5.6	84	Holmes County	3.9
41	Stark County	5.6	85	Mercer County	3.9
42	Summit County	5.6	86	Union County	3.9
43	Ashland County	5.5	87	Geauga County	3.8
44	Montgomery County	5.5	88	Medina County	3.6

These estimates, prepared in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor, are based on 2024 benchmark, geared to county of residence, and NOT seasonally adjusted.

[a]Rankings are based upon unrounded unemployment rates.

Ohio Department of Job and Family Services
Office of Workforce Development
Bureau of Labor Market Information
04-22-2025

Appendix F:

National Unemployment Rate

(From Bureau of Labor Statistics)

NEWS RELEASE
BUREAU OF LABOR STATISTICS
U. S. DEPARTMENT OF LABOR

Transmission of material in this news release is embargoed until 8:30 a.m. (ET) Friday, May 2, 2025

USDL-25-0658

Technical information:
Household data: (202) 691-6378 • cpsinfo@bls.gov • www.bls.gov/cps
Establishment data: (202) 691-6555 • cesinfo@bls.gov • www.bls.gov/ces

Media contact: (202) 691-5902 • PressOffice@bls.gov

THE EMPLOYMENT SITUATION — APRIL 2025

Total **nonfarm payroll employment** increased by 177,000 in April, and the **unemployment rate** was unchanged at 4.2 percent, the U.S. Bureau of Labor Statistics reported today. Employment continued to trend up in health care, transportation and warehousing, financial activities, and social assistance. Federal government employment declined.

Chart 1. Unemployment rate, seasonally adjusted, April 2023 – April 2025

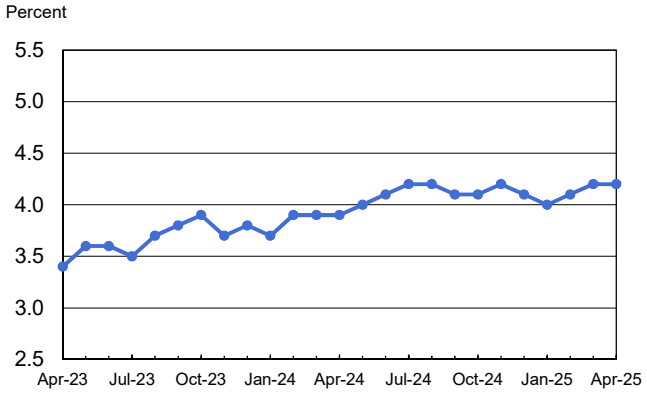
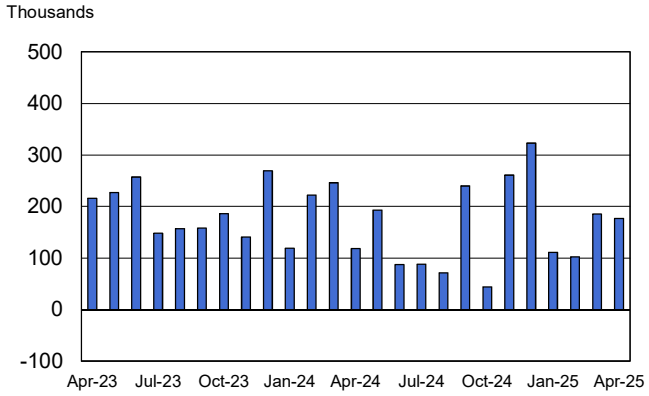


Chart 2. Nonfarm payroll employment over-the-month change, seasonally adjusted, April 2023 – April 2025



This news release presents statistics from two monthly surveys. The household survey measures labor force status, including unemployment, by demographic characteristics. The establishment survey measures nonfarm employment, hours, and earnings by industry. For more information about the concepts and statistical methodology used in these two surveys, see the Technical Note.

Household Survey Data

The **unemployment rate** was unchanged at 4.2 percent in April and has remained in a narrow range of 4.0 percent to 4.2 percent since May 2024. The number of **unemployed people**, at 7.2 million, changed little in April. (See table A-1.)

Among the **major worker groups**, the unemployment rates for adult men (4.0 percent), adult women (3.7 percent), teenagers (12.9 percent), Whites (3.8 percent), Blacks (6.3 percent), Asians (3.0 percent), and Hispanics (5.2 percent) showed little or no change over the month. (See tables A-1, A-2, and A-3.)

In April, the number of **long-term unemployed** (those jobless for 27 weeks or more) increased by 179,000 to 1.7 million. The long-term unemployed accounted for 23.5 percent of all unemployed people. (See table A-12.)

Both the **labor force participation rate**, at 62.6 percent, and the **employment-population ratio**, at 60.0 percent, changed little in April. These measures have shown little change over the year. (See table A-1.)

The number of people employed **part time for economic reasons**, at 4.7 million, changed little in April. These individuals would have preferred full-time employment but were working part time because their hours had been reduced or they were unable to find full-time jobs. (See table A-8.)

In April, the number of people **not in the labor force who currently want a job** was little changed at 5.7 million. These individuals were not counted as unemployed because they were not actively looking for work during the 4 weeks preceding the survey or were unavailable to take a job. (See table A-1.)

Among those not in the labor force who wanted a job, the number of people **marginally attached to the labor force**, at 1.6 million, changed little in April. These individuals wanted and were available for work and had looked for a job sometime in the prior 12 months but had not looked for work in the 4 weeks preceding the survey. The number of **discouraged workers**, a subset of the marginally attached who believed that no jobs were available for them, also changed little over the month at 414,000. (See Summary table A.)

Establishment Survey Data

Total **nonfarm payroll employment** increased by 177,000 in April, roughly in line with the average monthly gain of 152,000 over the prior 12 months. In April, employment continued to trend up in health care, transportation and warehousing, financial activities, and social assistance. Federal government employment declined. (See table B-1.)

Health care added 51,000 jobs in April, about the same as the average monthly gain of 52,000 over the prior 12 months. In April, job growth continued in hospitals (+22,000) and ambulatory health care services (+21,000).

Employment in **transportation and warehousing** increased by 29,000 in April, following little change in the prior month (+3,000). Job gains occurred in warehousing and storage (+10,000), couriers and messengers (+8,000), and air transportation (+3,000) in April. Transportation and warehousing had added an average of 12,000 jobs per month over the prior 12 months.

In April, **financial activities** employment continued to trend up (+14,000). The industry has added 103,000 jobs since its employment trough in April 2024.

Employment in **social assistance** continued its upward trend in April (+8,000) but at a slower pace than the average monthly gain over the prior 12 months (+20,000).

Within government, **federal government** employment declined by 9,000 in April and is down by 26,000 since January. (Employees on paid leave or receiving ongoing severance pay are counted as employed in the establishment survey.)

Employment showed little or no change over the month in other major industries, including **mining, quarrying, and oil and gas extraction**; **construction**; **manufacturing**; **wholesale trade**; **retail trade**; **information**; **professional and business services**; **leisure and hospitality**; and **other services**.

In April, **average hourly earnings for all employees** on private nonfarm payrolls rose by 6 cents, or 0.2 percent, to $36.06. Over the past 12 months, average hourly earnings have increased by 3.8 percent. In April, average hourly earnings of private-sector **production and nonsupervisory employees** rose by 10 cents, or 0.3 percent, to $31.06. (See tables B-3 and B-8.)

The **average workweek for all employees** on private nonfarm payrolls was unchanged at 34.3 hours in April. In manufacturing, the average workweek edged down by 0.2 hour to 40.0 hours, and overtime was unchanged at 2.9 hours. The average workweek for **production and nonsupervisory employees** on private nonfarm payrolls remained at 33.8 hours in April. (See tables B-2 and B-7.)

The change in total nonfarm payroll employment for February was revised down by 15,000, from +117,000 to +102,000, and the change for March was revised down by 43,000, from +228,000 to +185,000. With these revisions, employment in February and March combined is 58,000 lower than previously reported. (Monthly revisions result from additional reports received from businesses and government agencies since the last published estimates and from the recalculation of seasonal factors.)

The Employment Situation for May is scheduled to be released on Friday, June 6, 2025, at 8:30 a.m. (ET).

Appendix G:

National Median Household Income

(From U.S. Census Bureau)

An official website of the United States government Here's how you know

United States Census Bureau

QuickFacts
United States

QuickFacts provides statistics for all states and counties. Also for cities and towns with a ***population of 5,000 or more***.

Enter state, county, city, town, or zip code -- Select a fact --

CLEAR TABLE MAP

Table

Income & Poverty	United States
Female persons, percent	50.5%
PEOPLE	
Income & Poverty	
Median households income (in 2023 dollars), 2019-2023	$78,538
Per capita income in past 12 months (in 2023 dollars), 2019-2023	$43,289
Persons in poverty, percent	11.1%

About datasets used in this table

Value Notes

Methodology differences may exist between data sources, and so estimates from different sources are not comparable.

Some estimates presented here come from sample data, and thus have sampling errors that may render some apparent differences between geographies statistically indistinguishable. Click the Quick Info icon to the left of each learn about sampling error.

The vintage year (e.g., V2024) refers to the final year of the series (2020 thru 2024). Different vintage years of estimates are not comparable.

Users should exercise caution when comparing 2019-2023 ACS 5-year estimates to other ACS estimates. For more information, please visit the 2023 5-year ACS Comparison Guidance page.

Fact Notes

- **(a)** Includes persons reporting only one race
- **(b)** Hispanics may be of any race, so also are included in applicable race categories
- **(c)** Economic Census - Puerto Rico data are not comparable to U.S. Economic Census data

Value Flags

- **D** Suppressed to avoid disclosure of confidential information
- **F** Fewer than 25 firms
- **FN** Footnote on this item in place of data
- **NA** Not available
- **S** Suppressed; does not meet publication standards
- **X** Not applicable
- **Z** Value greater than zero but less than half unit of measure shown
- **-** Either no or too few sample observations were available to compute an estimate, or a ratio of medians cannot be calculated because one or both of the median estimates falls in the lowest or upper interval of a
- **N** Data for this geographic area cannot be displayed because the number of sample cases is too small.

QuickFacts data are derived from: Population Estimates, American Community Survey, Census of Population and Housing, Current Population Survey, Small Area Health Insurance Estimates, Small Area Income and Poverty Est Housing Unit Estimates, County Business Patterns, Nonemployer Statistics, Economic Census, Survey of Business Owners, Building Permits.

Is this page helpful? Yes No

An official website of the United States government Here's how you know

United States Census Bureau

QuickFacts
Upper Sandusky city, Ohio

QuickFacts provides statistics for all states and counties. Also for cities and towns with a ***population of 5,000 or more***.

Enter state, county, city, town, or zip code -- Select a fact -- CLEAR TABLE MAP

Table

Income & Poverty	Upper Sandusky city, Ohio
Population per square mile, 2010	940.8
PEOPLE	
Income & Poverty	
Median households income (in 2023 dollars), 2019-2023	$72,379
Per capita income in past 12 months (in 2023 dollars), 2019-2023	$35,593
Persons in poverty, percent	5.8%

About datasets used in this table

Value Notes

Methodology differences may exist between data sources, and so estimates from different sources are not comparable.

Some estimates presented here come from sample data, and thus have sampling errors that may render some apparent differences between geographies statistically indistinguishable. Click the Quick Info icon to the left of each learn about sampling error.

The vintage year (e.g., V2024) refers to the final year of the series (2020 thru 2024). Different vintage years of estimates are not comparable.

Users should exercise caution when comparing 2019-2023 ACS 5-year estimates to other ACS estimates. For more information, please visit the 2023 5-year ACS Comparison Guidance page.

Fact Notes

- **(a)** Includes persons reporting only one race
- **(b)** Hispanics may be of any race, so also are included in applicable race categories
- **(c)** Economic Census - Puerto Rico data are not comparable to U.S. Economic Census data

Value Flags

- **D** Suppressed to avoid disclosure of confidential information
- **F** Fewer than 25 firms
- **FN** Footnote on this item in place of data
- **NA** Not available
- **S** Suppressed; does not meet publication standards
- **X** Not applicable
- **Z** Value greater than zero but less than half unit of measure shown
- **-** Either no or too few sample observations were available to compute an estimate, or a ratio of medians cannot be calculated because one or both of the median estimates falls in the lowest or upper interval of a
- **N** Data for this geographic area cannot be displayed because the number of sample cases is too small.

QuickFacts data are derived from: Population Estimates, American Community Survey, Census of Population and Housing, Current Population Survey, Small Area Health Insurance Estimates, Small Area Income and Poverty Est Housing Unit Estimates, County Business Patterns, Nonemployer Statistics, Economic Census, Survey of Business Owners, Building Permits.

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APPENDIX G
References

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