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THE CITY OF
COLUMBUS
ANDREW J. GINTHER, MAYOR

DEPARTMENT OF
PUBLIC UTILITIES

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By Chloe Welch at 10:06 am, Feb 06, 2024

February 5, 2023

Ohio Environmental Protection Agency
CDO/DSW
PO Box 1049
Columbus, OH 43216-1049

Attn: Enforcement Coordinator

Transmitted herewith is the City's Annual Report of SSOs and WIBs for 2023, as required by the State Consent Order paragraph 21 as entered on August 1, 2002.

If you have any questions or need additional information, please contact me at 614-645-8460.

Sincerely,

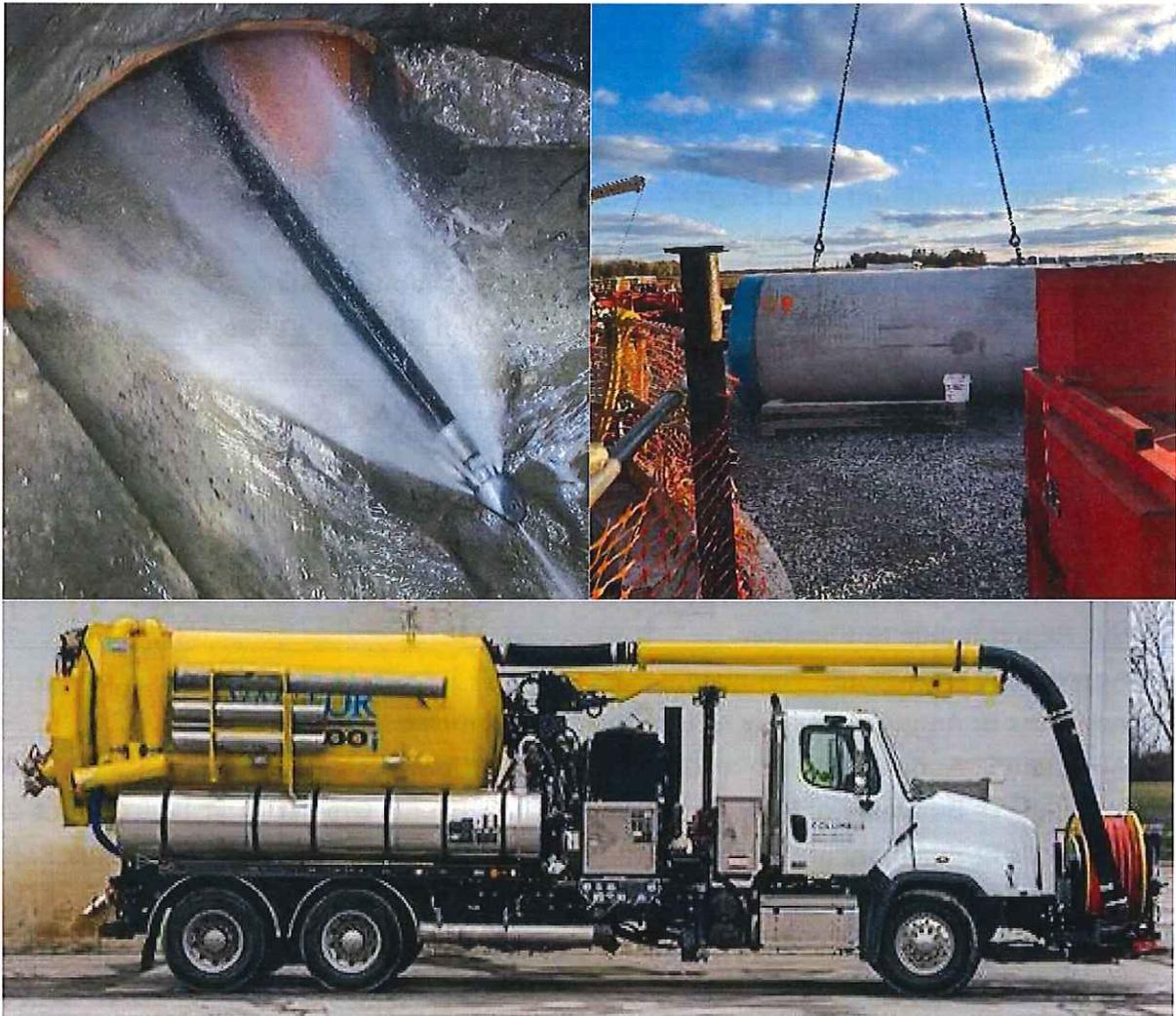


Robert S. Priestas, P.E.
Administrator, Division of Sewerage and Drainage

Enclosure



2023 Annual SSO and WIB Report



THE CITY OF
COLUMBUS
ANDREW J. GINTHER, MAYOR

DEPARTMENT OF
PUBLIC UTILITIES

**City of Columbus
Department of Public Utilities**

2023 Annual SSO and WIB Report

Table of Contents

I. Introduction/Purpose of Report	1
II. Monitoring and Reporting of Sanitary Sewer Overflows	4
III. Elimination of Designed Sanitary Relief (DSR) locations in 2023	5
IV. Activities Performed to Reduce the Occurrence of SSOs and WIBs	5
Table 1: Cleaning Prioritization Program	7
V. Summary of Sanitary Sewer Overflows Observed in 2023	8
Table 2: Overflows by Sub-Basin	9
VI. Assumptions Used to Estimate Overflow Volume at Monitored DSRs	10
VII. Summary of Water-In-Basement Occurrences Reported in 2023	11
Table 3: Water in Basement by Sub-Basin	11
VIII. Report Public Notification	12
Appendix A: DSR Status Summary	13
Appendix B: Annual Summary of Wet-Weather Overflows	16
Appendix C: Annual Summary of Dry-Weather Overflows	23
Appendix D: Summary of Flow Monitored Overflow Events Greater Than 1000 Gallons	26
Appendix E: Summary of Flow Monitored Overflow Events Less Than 1000 Gallons	28
Appendix F: Summary of Stipulated Penalties	30

I. Introduction/Purpose of Report

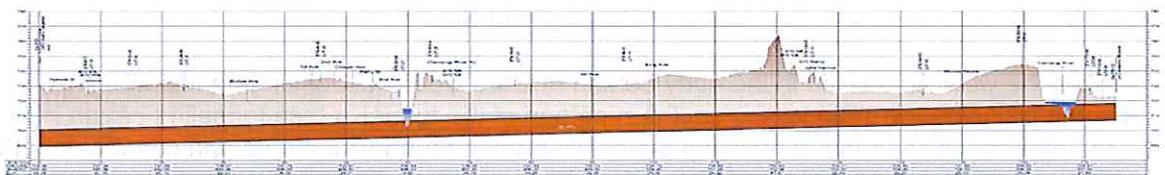
The City of Columbus (City) and the State of Ohio entered into a Consent Order in August of 2002 to resolve Sanitary Sewer Overflow (SSO) related concerns for the City's sanitary sewer system. The Consent Order requires the City to develop and implement a Capacity, Maintenance, Operations, and Management (CMOM) program. This program will address providing adequate capacity in the collection system, taking all feasible steps to address SSOs, and providing notification for overflow events.

Per the Consent Order, Section VI, paragraph 21, the City shall prepare an annual report for submittal to the Ohio Environmental Protection Agency (OEPA) of all SSO events and Water-In-Basement (WIB) occurrences from its sewers and its maintenance contract areas. This report provides the required information collected by the City in 2023.

Highlights from 2023 include the following:

Lower Olentangy Tunnel (LOT):

As part of the City's plan for achieving the requirements of the consent orders described in the "Integrated Plan and 2015 Wet Weather Management Plan Updated Report", a 17,000 linear foot, 12-foot diameter sanitary relief tunnel is being constructed from the upstream end of the previously constructed OARS tunnel at Vine Street to Tuttle Park, which is located north of Lane Avenue. There, it will relieve flow from three existing sewers, the Franklin Main, the Olentangy Main, and the OSIS. A 90-inch diameter micro-tunnel will also be constructed to relieve the OSIS and Franklin Main near Second Avenue and a 36-inch relief sewer will be constructed to relieve a Designed Sewer Relief (DSR) on the Kinnear Subtrunk along Third Avenue into LOT. Several project milestones were met during 2023 on the LOT project.



Vine Street Site:

The excavation and blasting of the Vine Street shaft was completed to its invert, for a total depth of 170 feet. The upper section of the shaft had the final walls and the upper base slab poured in preparation for receiving the tunnel boring machine (TBM) in late 2023.



TBM in the Vine Street Shaft

Gowdy Field Site:

All of the work at this site in the early portion of 2023 was spent setting up, installing, and commissioning the TBM for the southern portion of the tunnel. Once tunneling began in March, the operations changed to handling the spoils from the tunneling efforts and coordinating the daily delivery of the precast concrete tunnel liner segments and all of the supplies necessary for the machine's proper operation.

Work at this location also included the installation of the 36" Kinnear Subtrunk Relief sewer which redirects overflows from a DSR in Third Avenue to the Gowdy Field shaft. A majority of this alignment was completed utilizing jack and bore methods to protect an existing building foundation. The remaining portion of the sewer, within Third Avenue, was completed via traditional open-cut construction.



TBM shipment back to Gowdy Field

2nd Avenue Sites:

The contractor mobilized into the Second Avenue sites in early 2023. Their first operations were to relocate all of the necessary, existing utilities in order to allow for the construction of the two shafts near Bradley Street and Perry Street. Shaft construction began at Perry Street in March of 2023 and both sites had their excavation completed by the end of December 2023.



2nd Avenue – Perry Street Intersection

Tuttle Park Site:

The contractor mobilized into the Tuttle Park site in early 2023 and began site preparation and filling to setup for the future shaft construction and excavation. The support of excavation operations began in June and was completed in December of 2023.

Tunneling:

The southern portion of the main tunnel, which has a distance of 4,958 LF, began mining from the Gowdy Field shaft on 3/20/23 and was completed on 11/9/23 when the TBM broke into the Vine Street shaft. After the TBM was removed from the Vine Street shaft, it was then relocated, back to the Gowdy Field where it will be reconditioned in preparation for beginning the northern portion of the tunnel in early 2024.

Sewer Maintenance Award

- ❖ The City's Sewer Maintenance Operations have continued to maintain nearly 5,000 miles of sewer along with inspection, maintenance, and repair of BMP locations. Also, the SMOC was awarded the OWEA safety award for the fourth year in a row.

Project Dry Basement

- ❖ Residents continued to benefit from the Project Dry Basement sewer backup prevention program, which began in 2004. As part of the City's Project Dry Basement program, 59 new backwater devices were installed in homes in 2023 at a cost of \$182,900.00

II. Monitoring and Reporting of Sanitary Sewer Overflows

In August of 2002, the Division of Sewerage and Drainage (DOSD) began monitoring Designed Sanitary Relief (DSR) manholes/structures using chalk and blocks to indicate overflow activation. In addition to scheduled routes of DSR inspections, the DOSD initiated a process for internal reporting of overflows from the collection system at structures other than DSRs. This process is outlined in the Overflow Emergency Response and Notification Plan (OERNP), originally submitted to the OEPA in December 2003 and more recently revised and resubmitted to the OEPA in May 2012 and subsequently approved in September 2015. This latest revision and resubmission were to meet a requirement of the National Pollutant Discharge Elimination System (NPDES) permits for both Jackson Pike's and Southerly's Wastewater Treatment Plant (WWTP). All known overflow occurrences are reported to the OEPA every month as required by the Consent Order and the WWTP's NPDES Permits.

In addition to the chalk and block method of monitoring activity at the DSRs, the DOSD maintains permanent flow meters at five (5) sites. These meters are located at the DSR 83 overflow weir near the Whittier Street Storm Tanks, at DSR 95 east of Dana Avenue on Sullivant Avenue, at DSR 244 at Roads End, and at DSR 335 at the gauging station in the Park of Roses. In addition, "temporary" flow meters are periodically installed at DSRs to evaluate flow conditions for model development and calibration.

As defined in Section X Paragraph 31 of the Consent Order, multiple overflow occurrences at an

individual location within 24 hours are considered a single event. As further defined in our NPDES permits, the 24 hours have been set as midnight to midnight. Therefore, overflow occurrences that begin before midnight and continue until the next day are reported as two events.

III. Elimination of Designed Sanitary Relief (DSR) locations in 2023

Although no DSR locations were eliminated in 2023, one (1) location in the Clintonville district was further mitigated by the Blueprint Columbus program and its continued efforts to reduce overflow occurrences. More information can be retrieved from information related to Blueprint Columbus in a separate report, the Annual Progress Report, The Integrated Plan, and the 2015 WWMP Update (Integrated Plan).

[Appendix A](#) shows the status of each DSR since the consent order was signed in 2002.

IV. Activities Performed to Reduce the Occurrence of SSOs and WIBs

In addition to the projects outlined in the Integrated Plan, the DOSD also utilizes the Fats, Oils, and Grease (FOG) Control Program and a scheduled preventive maintenance cleaning program aimed at cleaning all sewers not exceeding 36 inches in diameter to reduce the number of occurrences of SSOs and WIBs. For sewers greater than 36 inches in diameter, the condition assessment and cleaning prioritization plan developed in 2006, continued in 2023.

As part of the FOG Program, the DOSD Sewer Maintenance Operation Center (SMOC) made five (5) referrals to the Industrial Pretreatment Program (IPP) for investigation and enforcement of discharge violations for grease in 2023. As a result, ten (10) different Food Service Operations (FSOs) were found to be the contributors of fats, oil, and grease. In the instances in which the origination of the FOG was attributed to FSOs, an IPP representative met with the establishment's management to evaluate current FOG reduction practices at the facility and to present the City's FOG Best Management Plan (BMP) regulation.

A Notice of Violation (NOV) is issued where compliance cannot be demonstrated. For 2023, there was one (1) Notice of Violations issued, zero (0) individual Cost Recovery Assessments issued, and zero (0) Administrative Fines issued in association with the FOG program. Public education is an ongoing component of the City's FOG program, and the distribution of door hangers is a method used to educate homeowners and renters on the importance of adequately discarding waste grease. In 2023, 687 door hangers were distributed around the City.

In July 2013, a Memorandum of Understanding (MOU) was signed between the Division of Sewerage and Drainage (DOSD) and Columbus Public Health (CPH). The MOU allows CPH sanitarians to inspect FOG BMP documents at all Food Service Operations during their annual food license inspection. Utilizing CPH allows all FSOs to be reviewed annually.

Facilities with deficient FOG BMP documentation are referred to the IPP for follow-up. A representative from the IPP will visit the FSO to issue a written 30-day voluntary compliance letter and assist in completing the FOG BMP documentation. If the documentation is not completed within the 30-day voluntary compliance period, escalated enforcement under the Enforcement Response Plan (ERP) will be used to gain compliance with the FOG BMP regulations.

On behalf of the DOSD, the CPH performed 3,249 FOG inspections at 3,501 permitted sites in 2023. Of the FSOs inspected, 726 were found to have at least one (1) violation or deficiency in their FOG BMP. In instances where CPH found deficient FOG BMP documentation, the FSE was referred to the IPP for compliance.

The FOG Program has been in effect for over 10 years and has contributed to reducing the number of sanitary sewer overflow events caused by fats, oils, and grease. To further reduce grease blockages, the City has modified the municipal code to require grease interceptors for all new or remodeled FSOs, and the DOSD is working to establish Grease Trap/Interceptor Cleaning Practices.

With the increased focus on asset management in the collection system, evaluating a sewer's performance and remaining useful life is essential information for the proper operation of a collection system. The sewer shed-based preventive maintenance program initiated in late 2005 has become the roadmap for detailing issues within the collection system by directing the DOSD maintenance staff to optimize cleaning efforts on the lines that have shown frequent issues. This program and the small diameter condition assessment give the DOSD a comprehensive view of maintenance issues.

The Small Diameter Condition Assessment inspection program started in 2011 to gather information on pipe conditions so that a decision can be made on how best to manage particular pipe sections. As a result of the Small Diameter Condition Assessment program, the DOSD has been able to identify those sewers in need of rehabilitation better and focus resources there. In 2023, the DOSD was able to rehabilitate 14,704 linear feet of sewer main using Cured in Place Pipe (CIPP). This trenchless technology enables sewer rehabilitation with minimal disruption to the customer or their property while providing a lasting repair.

The sewer shed-based preventive maintenance program and the small diameter condition assessment programs work in parallel to provide a complete overview of the system's condition while addressing areas of the City with high numbers of WIBs. These two programs are fundamental to the success of determining the failure of critical assets that may result in a more significant impact on the community and the environment.

For sewers equal to or exceeding 36 inches in diameter, the DOSD has initiated an inspection program based on the Cleaning Prioritization Program (Table 1) developed in 2006. The program uses 25 factors to evaluate the likelihood and consequence of failure. For this purpose, failure is defined as 'not meeting a level of service' and not just a physical pipe problem.

A summary of the work completed for the Cleaning Prioritization Program is included in Table 1:

Table 1: Cleaning Prioritization Program

Project Name	Cleaning and Rehabilitation		
	Data Collection	Recommendations	Work Status
Olentangy Main	Completed	Developed	
Phase A			Completed
Phase B			Completed
Scioto Main/West Side Relief	Completed	Developed	Completed
Scioto Main (South)	Completed	Developed	In Design
Alum Creek North / Alum Creek Sub-Trunk	Completed	Developed	Completed
Alum Creek Middle / Alum Creek Interceptor	Completed	Developed	Phase 1 and 2B Completed; Phase 3 Completed; Phase 4 in Design
Big Walnut, Big Walnut Outfall, Rocky Fork Sanitary Outfall	Completed	Developed	BWO (South) In Design; BWO (North) Design RFP Q3 2025
Alum Creek (South) / Deshler Tunnel	Completed	Developed	Phase 1 Construction in Q2 2024 Phase 2 In Design; Phase 3 Design RFP 2025
Blacklick Creek Main Trunk; Blacklick Augmentation	Completed	Developed	Phase 1 In Design Phase 2 Design RFP 2026
Blacklick Subtrunk	Completed	Developed	In Design
Scioto Main (Middle)	Completed	Developed	In Design
Center LDA (Downtown combined, sanitary and storm)	Completed	Developed	Completed
Near North and East LDA (Combined sewers over 36" in these planning areas)	Completed	Developed	Phase 1: Assessment complete Phase 2: In Construction Phase 3: In Design Phase 4: RFP in 2026
West Side Trunk LDA (Includes Interconnector)	Completed	Developed	In Design
Scioto Main Trunk (North), Upper Scioto West Interceptor Sewer, Upper Scioto Area NW Branch Hague Ave, Frank Road Trunk, Scioto Main Trunk Sewer Replacement, West Side Relief Main Line Section 4, and Big Run Sanitary Trunk Sewer	Completed	Developed	Phased construction over two projects: Phase 1 and Phase 2 In Design
OSIS LDA	Completed	Developed	Complete
Clinton No. 3	Completed	Developed	Two Phases: Phase 1: Design RFP in 2026 Phase 2: Design RFP in 2028
Grogan/Linden/SMOC 106-03 Mains	Completed	Developed	Design RFP in 2030

V. Summary of Sanitary Sewer Overflows Observed in 2023

The City reports SSOs from its sewers and maintenance contract areas every month per Section VI, paragraph 20 of the Consent Order. Based upon the monthly reports described in Section II, a summary list of the wet-weather overflow events can be found in [Appendix B](#).

In 2023, the City reported 173 wet-weather SSO events at 50 locations throughout the collection system. While experiencing just below-average annual rainfall in 2023, the number of reported SSOs was 18.4% below the City's long-term average. During 2023, all but two wet-weather SSOs occurred at designed sewer relief points (DSRs).

March's above-average precipitation created 76 occurrences, accounting for 44% of the wet-weather overflows in 2023. The combined months of March through July of 2023 accounted for 75% of the total wet-weather overflow events.

In 2023, the DOSD identified twenty (20) dry-weather sanitary sewer overflow events from the collection system in seventeen (17) locations. The 2023 figures are well below the City's long-term average of 36 events over 19 locations. All dry-weather events in 2023 were due to blockage in the collection system primarily caused by roots, grease, and debris.

In each instance, regardless of the circumstances, the DOSD mobilized personnel to resolve the situation as outlined in the OERNP.

[Appendix C](#) contains a summary of all identified dry-weather overflows.

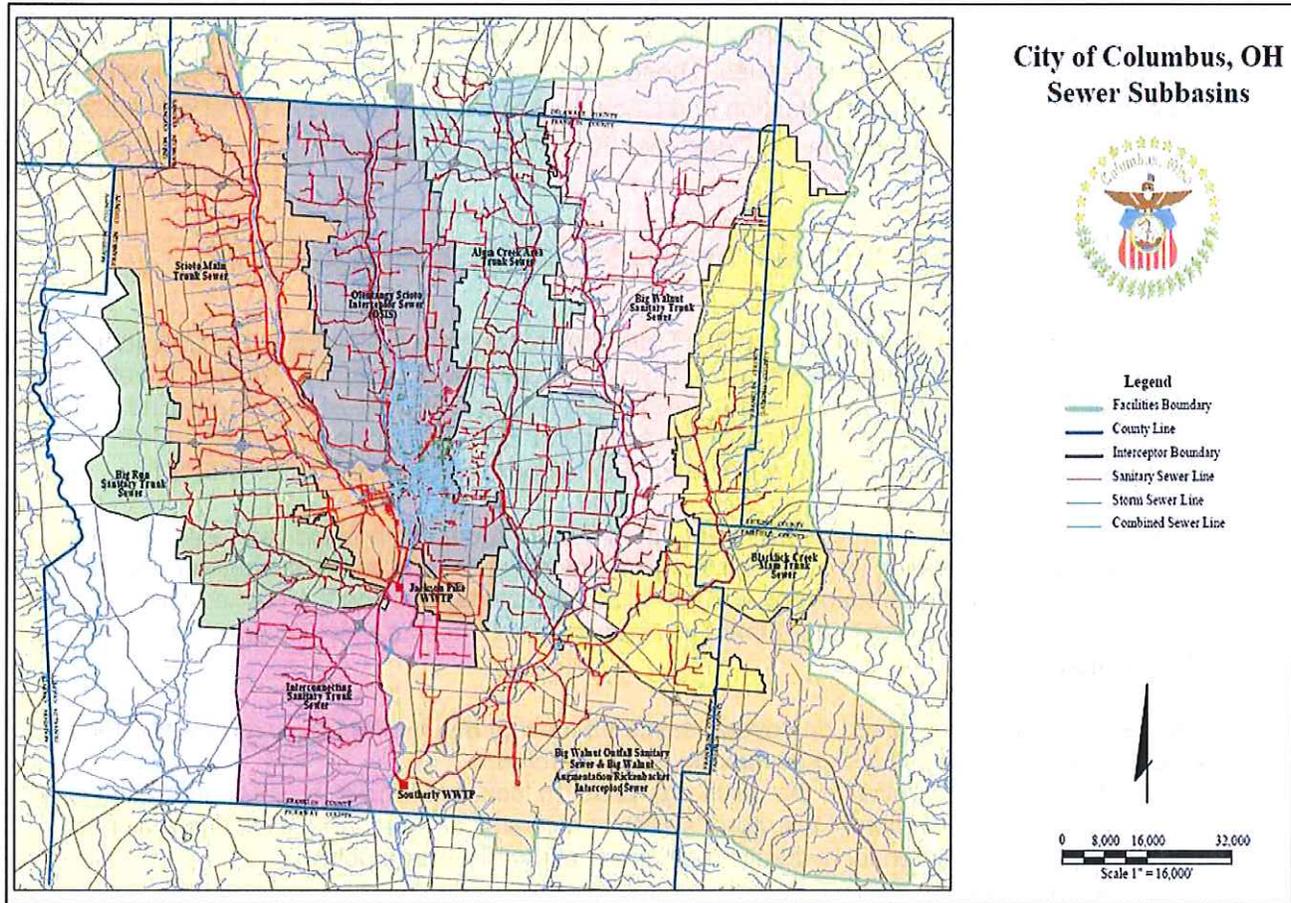
Receiving (named) waterways downstream from the SSO occurrences include the following:

Adena Brook/Indian Spring Run	Alum Creek	Early Ditch
Olentangy River	Scioto River	Walhalla Ravine

The City of Columbus sewer service area is broken down into eight (8) sub-basins, as shown below in Exhibit 1. These sub-basins represent the areas served by effective interceptors and are referred to as follows:

- Alum Creek Area Trunk Sewer
- Big Run Sanitary Trunk Sewer
- Big Walnut Outfall Augmentation/Rickenbacker Interceptor Sewer
- Big Walnut Sanitary Trunk Sewer
- Blacklick Creek Main Trunk Sewer
- Interconnecting Sanitary Trunk Sewer
- Olentangy Scioto Interceptor Sewer (OSIS)
- Scioto Main Trunk Sewer

Exhibit 1



The total overflows by sub-basin, including total wet-weather and dry-weather events, are summarized in Table 2 below:

Table 2: Overflows by Sub-Basin

Sub-basin	Total SSOs	Dry Weather	Wet Weather
Alum Creek Area Trunk Sewer	46	4	42
Big Run Sanitary Trunk Sewer	10	0	10
Big Walnut Outfall Interceptor Sewer	0	0	0
Big Walnut Sanitary Trunk Sewer	7	2	5
Blacklick Creek Main Trunk Sewer	0	0	0
Interconnector Trunk Sewer	0	0	0
Olentangy Scioto Interceptor Sewer	122	9	113
Scioto Main Trunk Sewer	8	5	3
Out of County	0	0	0
Totals	193	20	173

The occurrence of these most active overflows is principally a capacity-related issue. The DOSD is aware of capacity issues and has several capital-improvement projects (CIP) underway to help address these issues. These and other capacity issues have been analyzed as part of the City's System Evaluation and Capacity Assurance Plan (SECAP) efforts submitted in 2005 and further expanded in the December 2015 Integrated Plan and 2015 WWMP Update.

VI. Assumptions Used to Estimate Overflow Volume at Monitored DSRs

The DOSD maintains flow monitors at five DSR sites to facilitate the overflow documentation process. These devices are located at the DSR 83 overflow weir, near the Whittier Street Storm Tanks, at DSR 95 east of Dana Avenue on Sullivant Avenue, at DSR 244 at Roads End, at DSR 335 at the gauging station in the Park of Roses, and at DSR 156 at the alley north of Hill Avenue and west of Perry Street, which has been temporarily removed for construction.

The electronic flow meters measure the depth of flow in manholes and indicate an overflow event at a critical elevation (e.g., overflow invert elevation). Based on the sewage depth above the overflow pipe's invert, the overflow volume can be estimated using the weir equation in most cases. It is essential to understand that this is an estimate based on ideal hydraulic conditions at the location.

These calculations are based on several assumptions that might affect the overflow volume calculations. Examples of these assumptions are as follows:

1. There is a free outfall at the discharge point. In locations where the discharge point is at or near the elevation of the storm sewer or receiving stream, the calculations will not apply due to potential hydraulic restrictions at the discharge point.
2. Manning friction coefficient and weir constants are valid.
3. Actual pipe slopes match the pipe slopes given on the record plans.
4. Overflow pipe slopes are not severe, affecting the depth of flow used in the calculations.
5. Recorded data is valid with no error in meter electronics.
6. There is no impact from flow turbulence in the recorded data.

[Appendix D](#) shows a detailed list of flow-monitored events over 1000 gallons. Where it is suspected that these assumed conditions do not exist, the event will be designated with "NA."

[Appendix E](#) shows the summary of flow-monitored events less than 1000 gallons.

[Appendix F](#) shows the stipulated penalties for the identified sanitary sewer overflows as defined in the Consent Order Section X, paragraphs 31a & 31b, and for Southerly bypasses.

VII. **Summary of Water-In-Basement Occurrences Reported in 2023**

The City of Columbus has determined that 138 of the reported Water-In-Basement (WIB) occurrences reported in 2023 were attributable to the public sewerage system. The year 2023 is the fifth lowest number of reported WIB occurrences since the City entered the Consent Order in 2002. During 2023, a year with below-average precipitation measuring 41.45 inches overall, the number of occurrences was only 46.3% of the long-term average.

A summary of WIBs by sub-basin is included in Table 3 below:

Table 3: Water in Basement by Sub-Basin

Sub-Basin	WIB Totals
Olentangy Scioto Interceptor Sewer	47
Alum Creek Area Trunk Sewer	55
Scioto Main Trunk Sewer	15
Big Run Sanitary Trunk Sewer	15
Big Walnut Sanitary Trunk Sewer	4
Big Walnut Outfall	1
Interconnecting Sanitary Trunk Sewer	0
Other	0
Blacklick Creek Main Trunk Sewer	1
Total	138

Of the 138 WIB events in 2023, 16 (sixteen) were reported when surcharged sewers backed up into residents' homes during periods of wet weather. The remaining WIBs were primarily the result of roots, debris, and grease build-up in the sewers. The DOSD Sewer Maintenance crews addressed these problems by cutting roots and cleaning debris and grease from the sewer lines. Sewer segments exhibiting significant root intrusion were added to the City's Root Control Program. When the cause of the blockage was determined to be grease, the locations were reported to the Division's Industrial Waste Pretreatment Group (IWPG) for investigation per the FOG Control Program.

To protect homes that experience repeat basement flooding, the City voluntarily instituted Project Dry Basement in 2004. Under this program, the City provides and installs a backwater prevention device on the house lateral. In 2023, there were 59 new backwater devices installed at the cost of **\$189,900.00**. Currently, the Project Dry Basement Program is working from an established backlog list of eligible homes.

VIII. Report Public Notification

In 2004, the DOSD developed a web-based GIS map showing SSO discharge locations and the activity information associated with that point. This website is accessible to the public through the Division's webpage or directly at <https://columbus.maps.arcgis.com/apps/dashboards/24f57525213544e7b1ed6da19baf36a1>

The web map is made available in compliance with the requirement for public notification of overflow events outlined in the Consent Order.

As required by the Consent Order, the City of Columbus will make the public aware of this annual report by issuing a press release to the local media about its availability. A copy of the report will be available at the DOSD offices located at 1250 Fairwood Avenue and can be provided through the mail by calling (614) 645-7176. The online version of the report, which can be downloaded and printed, will be published on the Public Utilities website in the Document Library under Sewer Publications at <https://www.columbus.gov/utilities/document-library/>.

Appendix A: DSR Status Summary

**City of Columbus
DSR Status Summary - 2023**

Reference Number	Location	Sewer Sub-Basin	DSR Eliminated	DSR Mitigated*	CIP/Work Order Number	Date
83	e/o Whittier St. Storm Tanks	OSIS		x	CIP 737	7/2011
95	MH Sullivant Ave. & e/o Dana Ave.	Scioto Main				
96	MH alley n/o Broad St. & e/o Glenwood	Scioto Main	x		WO 1317239	10/2013
103	MH s/s of Third Ave., 290 ft. w/o Olentangy River Rd.	OSIS				
105	MH Third Ave. & Oxley (west)	OSIS				
107	MH f/o 814 W. Third Ave.	OSIS				
109	MH s/s of Third Ave., 490 ft. w/o Olentangy River Rd.	OSIS				
110	MH Third Ave. & Oxley (east)	OSIS				
111	MH s/s of Third Ave., 690 ft. w/o Olentangy River Rd.	OSIS				
132	MH Columbus & Studer	OSIS	x		CIP 631	7/2006
133	MH Columbus & Linwood	OSIS	x		CIP 631	7/2006
146	MH Third & Morning	OSIS				
147	MH alley n/o King & w/o Star Ave.	OSIS				
148	MH King Ave. & alley w/o Virginia	OSIS				
149	MH Fifth Ave. & North Star	OSIS				
150	MH King & North Star	OSIS				
151	MH Meadow Rd. & Third Ave.	OSIS				
154	MH Third Ave. & Virginia	OSIS				
156	MH alley n/o Hill Ave. w/o Perry St.	OSIS				
157	MH Fifth Ave. & Eastview/Kenny	OSIS				
177	MH Cole St. & alley w/o Seymour	Alum Creek				
179	MH Cole & Seymour	Alum Creek				
181	MH Cole & alley e/o Seymour	Alum Creek				
185	MH Gault & alley w/o Kelton	Alum Creek				
188	MH 2nd alley w/o Seymour, 80' n/o Gault	Alum Creek				
189	MH Cole & Bulen	Alum Creek		x	Meets LOS as built	
190	MH n/s Gault & alley w/o Lilley	Alum Creek				
192	MH Columbus & alley w/o Kelton	OSIS	x		CIP 631	7/2006
193	MH Gault & alley e/o Kimball	Alum Creek				
194	MH Columbus & Miller	OSIS	x		CIP 631	7/2006
198	MH Bulen & Gault	OSIS	x		CIP 631	4/2004
199	MH Gault & alley w/o Miller	Alum Creek				
201	MH Oakwood & Lawrence	OSIS				
203	MH Lockbourne & Lawrence	OSIS				
205	MH Bruck & alley n/o Hosack	OSIS		x	WO 1223213	11/2012
206	MH Bruck & Reeb	OSIS				
207	MH Parsons & Kian Avenue	OSIS				
208	MH Ninth & alley n/o Hosack	OSIS		x	WO 1223207	11/2012
210	MH Bruck & Woodrow	OSIS				
211	MH e/s of Parsons, front of 1954 Parsons	OSIS				
213	MH Hosack & Fourth	OSIS				
225	Dublin Rd. pump station (SA 6)	OSIS	x		N/A	2004
241	MH Preston Rd. & Fair Ave.	Alum Creek	x		WO 0702016	1/2007
244	Regulator at Roads End	Alum Creek				
246	Castle Rd. pump station (SA 2)	OSIS				
250	MH Hague Ave. n/o Mound St.	Big Run				
252	MH Wicklow & alley w/o Powell Ave.	Scioto Main				
254	MH alley n/o Sullivant Ave. e/o Roys Ave.	Scioto Main				
256	MH Binns Blvd. & alley s/o Palmetto St.	Big Run				
263	MH Velma & alley s/o Hudson	OSIS	x		CIP 647	10/2004
264	MH Howey & Maynard	OSIS	x		CIP 653	10/2004
266	MH Howey & Briarwood	OSIS	x		CIP 647	10/2004
267	MH Akola & alley w/o Atwood Terrace	OSIS	x		CIP 647	9/2004
271	MH Azelda & alley n/o Hudson	OSIS	x		CIP 647	10/2004
274	MH Republic & Ontario	OSIS	x		CIP 647	10/2004
275	MH Hamilton & alley n/o Duxberry	OSIS	x		CIP 653	10/2004
276	MH Briarwood & alley w/o McGuffey	OSIS	x		CIP 647	10/2004
279	MH Hudson & Parkwood	Alum Creek	x		CIP 726	10/2009
284	MH n/o Pacemont at Olentangy River on 8 " sanitary	OSIS				
285	MH Midgard & alley e/o Indianola	OSIS				
288	MH e/o Olentangy St. & Indianola	OSIS	x		CIP 671	4/2008
301	MH Alamo & alley w/o Osceola	OSIS	x		CIP 658	3/2004

DSR Status Summary - 2023

Reference Number	Location	Sewer Sub-Basin	DSR Eliminated	DSR Mitigated*	CIP/Work Order Number	Date
303	MH Akola & alley e/o Homecroft	OSIS	x		CIP 647	10/2004
304	MH Alamo & alley w/o Pontiac	OSIS	x		CIP 648	8/2005
305	MH Lakeview & alley w/o Cleveland Ave.	Alum Creek				
306	MH Bremen & alley n/o Melrose	Alum Creek		x	CIP 726	8/2009
307	MH Bremen & alley n/o Weber	Alum Creek		x	CIP 726	9/2009
308	MH Minnesota & Hamilton	OSIS	x		CIP 655	8/2005
310	MH e/o McGuffey & Aberdeen	OSIS	x		CIP 655	8/2005
312	MH alley e/o Bremen & Brighton Rd.	Alum Creek				
314	MH s/s Weber, alley w/o Cleveland	Alum Creek		x	CIP 726	9/2009
315	MH Eddystone & Suwanee	Alum Creek				
317	MH Aberdeen & Parkwood	Alum Creek	x		WO 1317204	11/2013
322	Williams Rd. pump station (SA 1)	OSIS				
323	MH Webster Pk. & Olentangy Blvd.	OSIS				
326	MH Olentangy Blvd. & Montrose Way	OSIS				
328	MH Como & High	OSIS				
329	MH e/s Indianola & alley n/o East North Broadway	OSIS				
330	MH Pauline & Atwood Terrace	OSIS	x		CIP 651	1/2007
335	Gauging station in Park of Roses	OSIS				
337	MH Richards & Granden	OSIS		x	Clintonville 1 Blueprint	12/2021
338	MH Northridge & Atwood Terrace	OSIS	x		CIP 651	1/2007
339	MH alley w/o Cleveland & n/o Ferris	Alum Creek				
346	MH 200' w/o Rustic Pl. & Olentangy Blvd.	OSIS				
349	MH alley e/o High & s/o Schreyer Pl.	OSIS		x	Clintonville 1 Blueprint	12/2021
350	MH Wetmore & alley e/o High St.	OSIS	x		CIP 670	7/2007
351	MH r/o 4895 Olentangy Blvd., w/o Olentangy Blvd. & n/o	OSIS				
352	MH n/s of Weisheimer & Starrett	OSIS				
360	MH s/o Rathbone, e/o Delawanda	OSIS				
364	MH Plum Ridge n/o Lornaberry	Big Walnut				
368	MH alley e/o High, s/o Lincoln	OSIS				
380	MH Lexington & alley n/o Hudson	OSIS	x		CIP 654	2005
381	MH Maynard & Velma	OSIS	x		CIP 647	10/2004
399	Structure r/o 2250 McKinley	Scioto Main				
532	MH f/o 2145 Winslow	Alum Creek	x		WO 0917302	10/2009
576	MH f/o 320 Kanawha	OSIS	x		CIP 681	6/2008
655	MH Seymour & Livingston	OSIS	x		CIP 635	7/2006
873	MH S.R. 315 N.B. off ramp to Henderson	OSIS				
898	MH California & High	OSIS				
915	MH in North Star, n/o Presidential	OSIS				
948	r/o 3511 Penfield	Big Walnut	x		WO 1004541	5/2010
952	Hudson & alley w/o Parkwood	Alum Creek		x	CIP 726	10/2009

* To the WWMP Level of Service

Appendix B: Annual Summary of Wet-Weather Overflows

**City of Columbus
Annual Summary of Wet-Weather
Overflows - 2023**

Location	Reference Number	Estimated Date and Time - if known	Date				Receiving Water - if any	Sewer Component	Sewer Sub-Basin
MH Binns Blvd. & alley s/o Palmetto St.	256	at least once between	2/23	unknown	to	2/23	Alum Creek	Big Run	Jackson Pk
MH in North Star, n/o Presidential	915	at least once between	2/23	unknown	to	2/23	SCIOTO	OSIS	Jackson Pk
MH Lakeview & alley w/o Cleveland Ave.	305	at least once between	2/24	unknown	to	2/24	OLENTANGY	Alum Creek	Southerly
MH Lakeview & alley w/o Cleveland Ave.	305	at least once between	2/27	unknown	to	2/27	DITCH@PER&AB	Alum Creek	Southerly
MH Bremen & alley n/o Melrose	306	at least once between	2/27	unknown	to	2/27	DITCH@PER&AB	Alum Creek	Southerly
MH Bremen & alley n/o Weber	307	at least once between	2/27	unknown	to	2/27	ALUM CREEK	Alum Creek	Southerly
MH alley e/o Bremen & Brighton Rd.	312	at least once between	2/27	unknown	to	2/27	ALUM CREEK	Alum Creek	Southerly
MH Eddystone & Suwanee	315	at least once between	2/27	unknown	to	2/27	DITCH@PER&AB	Alum Creek	Southerly
MH alley w/o Cleveland & n/o Ferris	339	at least once between	2/27	unknown	to	2/27	ALUM CREEK	Alum Creek	Southerly
MH n/o Pacemont at Olentangy River on 8 th sanitary	284	at least once between	2/28	unknown	to	2/28	ALUM CREEK	OSIS	Jackson Pk
MH Webster Pk. & Olentangy Blvd.	323	at least once between	2/28	unknown	to	2/28	OLENTANGY	OSIS	Jackson Pk
MH Olentangy Blvd. & Montrose Way	326	at least once between	2/28	unknown	to	2/28	OLENTANGY	OSIS	Jackson Pk
MH Como & High	328	at least once between	2/28	unknown	to	2/28	OLENTANGY	OSIS	Jackson Pk
MH 200 th w/o Rustic Pl. & Olentangy Blvd.	346	at least once between	2/28	unknown	to	2/28	OLENTANGY	OSIS	Jackson Pk
MH r/o 4895 Olentangy Bl, w/o Olentangy Bl, n/o Royal Forest	351	at least once between	2/28	unknown	to	2/28	OLENTANGY	OSIS	Jackson Pk
MH n/s of Weisheimer & Starett	352	at least once between	2/28	unknown	to	2/28	OLENTANGY	OSIS	Jackson Pk
MH S.R. 315 N.B. off ramp to Henderson	873	at least once between	2/28	unknown	to	2/28	OLENTANGY	OSIS	Jackson Pk
MH California & High	898	at least once between	2/28	unknown	to	2/28	OLENTANGY	OSIS	Jackson Pk
MH s/s of Third Ave, 290 ft. w/o Olentangy River Rd.	103	at least once between	3/2	unknown	to	3/2	OLENTANGY	OSIS	Jackson Pk
MH Third Ave. & Oxley (west)	105	at least once between	3/2	unknown	to	3/2	OLENTANGY	OSIS	Jackson Pk
MH s/s of Third Ave, 490 ft. w/o Olentangy River Rd.	109	at least once between	3/2	unknown	to	3/2	OLENTANGY	OSIS	Jackson Pk
MH Third Ave. & Oxley (east)	110	at least once between	3/2	unknown	to	3/2	OLENTANGY	OSIS	Jackson Pk
MH s/s of Third Ave., 690 ft. w/o Olentangy River Rd.	111	at least once between	3/2	unknown	to	3/2	OLENTANGY	OSIS	Jackson Pk
MH Third & Morning	146	at least once between	3/2	unknown	to	3/2	OLENTANGY	OSIS	Jackson Pk
MH alley n/o King & w/o Star Ave.	147	at least once between	3/2	unknown	to	3/2	OLENTANGY	OSIS	Jackson Pk
MH King Ave. & alley w/o Virginia	148	at least once between	3/2	unknown	to	3/2	OLENTANGY	OSIS	Jackson Pk
MH Fifth Ave. & North Star	149	at least once between	3/2	unknown	to	3/2	OLENTANGY	OSIS	Jackson Pk
MH King & North Star	150	at least once between	3/2	unknown	to	3/2	OLENTANGY	OSIS	Jackson Pk

MH Meadow Rd. & Third Ave.	151	at least once between	3/2	unknown	to	3/2	unknown	OLENTANGY	OSIS	Jackson Pk
MH Third Ave. & Virginia	154	at least once between	3/2	unknown	to	3/2	unknown	OLENTANGY	OSIS	Jackson Pk
MH Fifth Ave. & Eastview/Kenny	157	at least once between	3/2	unknown	to	3/2	unknown	OLENTANGY	OSIS	Jackson Pk
MH Hague Ave. n/o Mound St.	250	at least once between	3/2	unknown	to	3/2	unknown	OLENTANGY	OSIS	Jackson Pk
MH alley n/o Sullivant Ave. e/o Roys Ave.	254	at least once between	3/2	unknown	to	3/2	unknown	SCIOTO	OSIS	Jackson Pk
MH Binns Blvd. & alley s/o Palmetto St.	256	at least once between	3/2	unknown	to	3/2	unknown	SCIOTO	Big Run	Jackson Pk
MH in North Star, n/o Presidential	915	at least once between	3/2	unknown	to	3/2	unknown	SCIOTO	Scioto Main	Jackson Pk
Gauging station in Park of Roses	335	at least once between	3/3	03:15	to	3/3	08:30	SCIOTO	Big Run	Jackson Pk
MH Cole St. alley w/o Seymour	177	at least once between	3/3	unknown	to	3/3	unknown	OLENTANGY	OSIS	Jackson Pk
MH Oakwood & Lawrence	201	at least once between	3/3	unknown	to	3/3	unknown	ALUM CREEK	Alum Creek	Southerly
MH Lockbourne & Lawrence	203	at least once between	3/3	unknown	to	3/3	unknown	SCIOTO	OSIS	Jackson Pk
MH Plum Ridge n/o Lornaberry	364	at least once between	3/3	unknown	to	3/3	unknown	OLENTANGY	OSIS	Jackson Pk
2523 Vailly View Dr	MH004650357		3/3	16:00	To	3/3	17:00	Scioto	OSIS	Jackson Pk
4335 Olentangy River Road	MH023250105		3/4	17:00	to	3/4	18:00	Olentangy River	OSIS	Jackson Pk
MH Parsons & Kian Avenue	207	at least once between	3/15	unknown	to	3/15	unknown	DITCH@MN&MCN	Big Walnut	Southerly
MH Bruck & Woodrow	210	at least once between	3/15	unknown	to	3/15	unknown	SCIOTO	OSIS	Jackson Pk
MH e/s of Parsons, front of 1954 Parsons	211	at least once between	3/15	unknown	to	3/15	unknown	SCIOTO	OSIS	Jackson Pk
MH Lakeview & alley w/o Cleveland Ave.	305	at least once between	3/20	unknown	to	3/20	unknown	SCIOTO	OSIS	Jackson Pk
MH Bremen & alley n/o Melrose	306	at least once between	3/20	unknown	to	3/20	unknown	DITCH@PER&AB	Alum Creek	Southerly
MH Bremen & alley n/o Weber	307	at least once between	3/20	unknown	to	3/20	unknown	ALUM CREEK	Alum Creek	Southerly
MH alley e/o Bremen & Brighton Rd.	312	at least once between	3/20	unknown	to	3/20	unknown	ALUM CREEK	Alum Creek	Southerly
MH Eddystone & Suwanee	315	at least once between	3/20	unknown	to	3/20	unknown	DITCH@PER&AB	Alum Creek	Southerly
MH alley w/o Cleveland & n/o Ferris	339	at least once between	3/20	unknown	to	3/20	unknown	ALUM CREEK	Alum Creek	Southerly
Hudson & alley w/o Parkwood	952	at least once between	3/20	unknown	to	3/20	unknown	ALUM CREEK	Alum Creek	Southerly
MH n/o Pacemont at Olentangy River on 8" sanitary	284	at least once between	3/21	unknown	to	3/21	unknown	ALUM CREEK	Alum Creek	Southerly
MH Webster Pk. & Olentangy Blvd.	323	at least once between	3/21	unknown	to	3/21	unknown	OLENTANGY	OSIS	Jackson Pk
MH Olentangy Blvd. & Montrose Way	326	at least once between	3/21	unknown	to	3/21	unknown	OLENTANGY	OSIS	Jackson Pk
MH Como & High	328	at least once between	3/21	unknown	to	3/21	unknown	OLENTANGY	OSIS	Jackson Pk
MH e/s Indianola & alley n/o E North Broadway	329	at least once between	3/21	unknown	to	3/21	unknown	OLENTANGY	OSIS	Jackson Pk
MH 200' w/o Rustic Pl. & Olentangy Blvd.	346	at least once between	3/21	unknown	to	3/21	unknown	OLENTANGY	OSIS	Jackson Pk
MH r/o 4895 Olentangy Bl, w/o Olentangy Bl, n/o Royal Forest	351	at least once between	3/21	unknown	to	3/21	unknown	OLENTANGY	OSIS	Jackson Pk
MH n/s of Weisheimer & Starett	352	at least once between	3/21	unknown	to	3/21	unknown	OLENTANGY	OSIS	Jackson Pk
MH s/o Rathbone, e/o Delawanda	360	at least once between	3/21	unknown	to	3/21	unknown	OLENTANGY	OSIS	Jackson Pk
MH S.R. 315 N.B. off ramp to Henderson	873	at least once between	3/21	unknown	to	3/21	unknown	OLENTANGY	OSIS	Jackson Pk

MH California & High	898	at least once between	3/21	unknown	to	3/21	unknown	OLENTANGY	OSIS	Jackson Pk
MH Cole St. alley w/o Seymour	177	at least once between	3/22	unknown	to	3/22	unknown	OLENTANGY	OSIS	Jackson Pk
MH Oakwood & Lawrence	201	at least once between	3/22	unknown	to	3/22	unknown	ALUM CREEK	Alum Creek	Southerly
MH Bruck & Woodrow	210	at least once between	3/22	unknown	to	3/22	unknown	SCIOTO	OSIS	Jackson Pk
MH Plum Ridge n/o Lomaberry	364	at least once between	3/22	unknown	to	3/22	unknown	SCIOTO	OSIS	Jackson Pk
MH s/s of Third Ave, 290 ft. w/o Olentangy River Rd.	103	at least once between	3/23	unknown	to	3/23	unknown	DITCH@MN&MCN	Big Walnut	Southerly
MH Third Ave. & Oxley (west)	105	at least once between	3/23	unknown	to	3/23	unknown	OLENTANGY	OSIS	Jackson Pk
MH Third Ave. & Oxley (west)	105	at least once between	3/23	unknown	to	3/23	unknown	OLENTANGY	OSIS	Jackson Pk
MH s/s of Third Ave, 490 ft. w/o Olentangy River Rd.	109	at least once between	3/23	unknown	to	3/23	unknown	OLENTANGY	OSIS	Jackson Pk
MH Third Ave. & Oxley (east)	110	at least once between	3/23	unknown	to	3/23	unknown	OLENTANGY	OSIS	Jackson Pk
MH s/s of Third Ave., 690 ft. w/o Olentangy River Rd.	111	at least once between	3/23	unknown	to	3/23	unknown	OLENTANGY	OSIS	Jackson Pk
MH Third & Morning	146	at least once between	3/23	unknown	to	3/23	unknown	OLENTANGY	OSIS	Jackson Pk
MH alley n/o King & w/o Star Ave.	147	at least once between	3/23	unknown	to	3/23	unknown	OLENTANGY	OSIS	Jackson Pk
MH King Ave. & alley w/o Virginia	148	at least once between	3/23	unknown	to	3/23	unknown	OLENTANGY	OSIS	Jackson Pk
MH Fifth Ave. & North Star	149	at least once between	3/23	unknown	to	3/23	unknown	OLENTANGY	OSIS	Jackson Pk
MH King & North Star	150	at least once between	3/23	unknown	to	3/23	unknown	OLENTANGY	OSIS	Jackson Pk
MH Meadow Rd. & Third Ave.	151	at least once between	3/23	unknown	to	3/23	unknown	OLENTANGY	OSIS	Jackson Pk
MH Third Ave. & Virginia	154	at least once between	3/23	unknown	to	3/23	unknown	OLENTANGY	OSIS	Jackson Pk
MH Fifth Ave. & Eastview/Kenny	157	at least once between	3/23	unknown	to	3/23	unknown	OLENTANGY	OSIS	Jackson Pk
MH Oakwood & Lawrence	201	at least once between	3/23	unknown	to	3/23	unknown	OLENTANGY	OSIS	Jackson Pk
MH Hague Ave. n/o Mound St.	250	at least once between	3/23	unknown	to	3/23	unknown	SCIOTO	OSIS	Jackson Pk
MH alley n/o Sullivant Ave. e/o Roys Ave.	254	at least once between	3/23	unknown	to	3/23	unknown	SCIOTO	Big Run	Jackson Pk
MH Lakeview & alley w/o Cleveland Ave.	305	at least once between	3/23	unknown	to	3/23	unknown	SCIOTO	Scioto Main	Jackson Pk
MH Bremen & alley n/o Meirose Olentangy Blvd.	306	at least once between	3/23	unknown	to	3/23	unknown	DITCH@PER&AB	Alum Creek	Southerly
MH 200' w/o Rustic Pl. & Olentangy Blvd.	346	at least once between	3/23	unknown	to	3/23	unknown	ALUM CREEK	Alum Creek	Southerly
MH in North Star, n/o Presidential Gauging station in Park of Roses	915	at least once between	3/23	unknown	to	3/23	unknown	OLENTANGY	OSIS	Jackson Pk
2523 Vally View Road	335	at least once between	3/27	03:00	to	3/27	09:15	OLENTANGY	OSIS	Jackson Pk
MH Third Ave. & Oxley (west)	47	at least once between	3/30	16:00	to	3/3	17:00	Scioto River	OSIS	Jackson Pk
MH s/s of Third Ave, 490 ft. w/o Olentangy River Rd.	105	at least once between	3/30	unknown	to	3/30	unknown	OLENTANGY	OSIS	Jackson Pk
MH Oakwood & Lawrence	109	at least once between	3/30	unknown	to	3/30	unknown	OLENTANGY	OSIS	Jackson Pk
MH Lakeview & alley w/o Cleveland Ave.	201	at least once between	3/31	unknown	to	3/31	unknown	OLENTANGY	OSIS	Jackson Pk
MH 200' w/o Rustic Pl. & Olentangy Blvd.	305	at least once between	3/31	unknown	to	3/31	unknown	SCIOTO	Alum Creek	Southerly
MH Lakeview & alley w/o Cleveland Ave.	346	at least once between	3/31	unknown	to	3/31	unknown	DITCH@PER&AB	OSIS	Jackson Pk
MH Cole St. alley w/o Seymour	305	at least once between	5/8	unknown	to	5/8	unknown	DITCH@PER&AB	Alum Creek	Southerly
MH 2nd alley w/o Seymour, 80' n/o Gault	177	at least once between	5/10	unknown	to	5/10	unknown	ALUM CREEK	Alum Creek	Southerly
	188	at least once between	5/10	unknown	to	5/10	unknown	ALUM CREEK	Alum Creek	Southerly

MH Oakwood & Lawrence	201	at least once between	5/10	unknown	unknown	5/10	unknown	unknown	unknown	SCIOTO	OSIS	OSIS	Jackson Pk
MH Lockbourne & Lawrence	203	at least once between	5/10	unknown	unknown	5/10	unknown	unknown	unknown	SCIOTO	OSIS	OSIS	Jackson Pk
MH Plum Ridge n/o Lornaberry	364	at least once between	5/10	unknown	unknown	5/10	unknown	unknown	unknown	DITCH@MN&MCN	Big Walnut	Big Walnut	Southerly
MH s/s of Third Ave, 290 ft. w/o Olentangy River Rd.	103	at least once between	5/11	unknown	unknown	5/11	unknown	unknown	unknown	OLENTANGY	OSIS	OSIS	Jackson Pk
MH Third Ave. & Oxley (west)	105	at least once between	5/11	unknown	unknown	5/11	unknown	unknown	unknown	OLENTANGY	OSIS	OSIS	Jackson Pk
MH s/s of Third Ave, 490 ft. w/o Olentangy River Rd.	109	at least once between	5/11	unknown	unknown	5/11	unknown	unknown	unknown	OLENTANGY	OSIS	OSIS	Jackson Pk
MH Third & Morning	146	at least once between	5/11	unknown	unknown	5/11	unknown	unknown	unknown	OLENTANGY	OSIS	OSIS	Jackson Pk
MH King Ave. & alley w/o Virginia	148	at least once between	5/11	unknown	unknown	5/11	unknown	unknown	unknown	OLENTANGY	OSIS	OSIS	Jackson Pk
MH Fifth Ave. & North Star	149	at least once between	5/11	unknown	unknown	5/11	unknown	unknown	unknown	OLENTANGY	OSIS	OSIS	Jackson Pk
MH Meadow Rd. & Third Ave.	151	at least once between	5/11	unknown	unknown	5/11	unknown	unknown	unknown	OLENTANGY	OSIS	OSIS	Jackson Pk
MH Fifth Ave. & Eastview/Kenny	157	at least once between	5/11	unknown	unknown	5/11	unknown	unknown	unknown	OLENTANGY	OSIS	OSIS	Jackson Pk
MH Binns Blvd. & alley s/o Palmetto St.	256	at least once between	5/11	unknown	unknown	5/11	unknown	unknown	unknown	SCIOTO	Big Run	Big Run	Jackson Pk
MH Lakeview & alley w/o Cleveland Ave.	305	at least once between	6/5	unknown	unknown	6/5	unknown	unknown	unknown	DITCH@PER&AB	Alum Creek	Alum Creek	Southerly
MH Oakwood & Lawrence	201	at least once between	6/7	unknown	unknown	6/7	unknown	unknown	unknown	SCIOTO	OSIS	OSIS	Jackson Pk
MH Parsons & Kian Avenue	207	at least once between	6/7	unknown	unknown	6/7	unknown	unknown	unknown	SCIOTO	OSIS	OSIS	Jackson Pk
MH Third Ave. & Oxley (west)	105	at least once between	6/8	unknown	unknown	6/8	unknown	unknown	unknown	OLENTANGY	OSIS	OSIS	Jackson Pk
MH King Ave. & alley w/o Virginia	148	at least once between	6/8	unknown	unknown	6/8	unknown	unknown	unknown	OLENTANGY	OSIS	OSIS	Jackson Pk
MH Third Ave. & Oxley (west)	105	at least once between	6/9	unknown	unknown	6/9	unknown	unknown	unknown	OLENTANGY	OSIS	OSIS	Jackson Pk
MH King Ave. & alley w/o Virginia	148	at least once between	6/9	unknown	unknown	6/9	unknown	unknown	unknown	OLENTANGY	OSIS	OSIS	Jackson Pk
MH Meadow Rd. & Third Ave.	151	at least once between	6/9	unknown	unknown	6/9	unknown	unknown	unknown	OLENTANGY	OSIS	OSIS	Jackson Pk
MH Lakeview & alley w/o Cleveland Ave.	305	at least once between	6/9	unknown	unknown	6/9	unknown	unknown	unknown	DITCH@PER&AB	Alum Creek	Alum Creek	Southerly
MH 200' w/o Rustic Pl. & Olentangy Blvd.	346	at least once between	6/9	unknown	unknown	6/9	unknown	unknown	unknown	OLENTANGY	OSIS	OSIS	Jackson Pk
MH Eddystone & Suwanee	315	at least once between	6/12	unknown	unknown	6/12	unknown	unknown	unknown	ALUM CREEK	Alum Creek	Alum Creek	Southerly
MH s/s of Third Ave, 490 ft. w/o Olentangy River Rd.	109	at least once between	6/15	unknown	unknown	6/15	unknown	unknown	unknown	OLENTANGY	OSIS	OSIS	Jackson Pk
MH King & North Star	150	at least once between	6/15	unknown	unknown	6/15	unknown	unknown	unknown	OLENTANGY	OSIS	OSIS	Jackson Pk
MH Fifth Ave. & Eastview/Kenny	157	at least once between	6/15	unknown	unknown	6/15	unknown	unknown	unknown	OLENTANGY	OSIS	OSIS	Jackson Pk
MH Eddystone & Suwanee	315	at least once between	6/20	unknown	unknown	6/20	unknown	unknown	unknown	ALUM CREEK	Alum Creek	Alum Creek	Southerly
MH Gault & alley w/o Kelton	185	at least once between	6/21	unknown	unknown	6/21	unknown	unknown	unknown	ALUM CREEK	Alum Creek	Alum Creek	Southerly
MH King Ave. & alley w/o Virginia	148	at least once between	6/22	unknown	unknown	6/22	unknown	unknown	unknown	OLENTANGY	OSIS	OSIS	Jackson Pk
MH Lakeview & alley w/o Cleveland Ave.	305	at least once between	6/26	unknown	unknown	6/26	unknown	unknown	unknown	DITCH@PER&AB	Alum Creek	Alum Creek	Southerly
MH Cole St. alley w/o Seymour	177	at least once between	6/28	unknown	unknown	6/28	unknown	unknown	unknown	ALUM CREEK	Alum Creek	Alum Creek	Southerly
MH Gault & alley w/o Miller	199	at least once between	6/28	unknown	unknown	6/28	unknown	unknown	unknown	ALUM CREEK	Alum Creek	Alum Creek	Southerly
MH Oakwood & Lawrence	201	at least once between	6/28	unknown	unknown	6/28	unknown	unknown	unknown	SCIOTO	OSIS	OSIS	Jackson Pk
MH Third Ave. & Oxley (west)	105	at least once between	6/29	unknown	unknown	6/29	unknown	unknown	unknown	OLENTANGY	OSIS	OSIS	Jackson Pk
MH Binns Blvd. & alley s/o Palmetto St.	256	at least once between	6/29	unknown	unknown	6/29	unknown	unknown	unknown	SCIOTO	Big Run	Big Run	Jackson Pk
MH Oakwood & Lawrence	201	at least once between	7/6	unknown	unknown	7/6	unknown	unknown	unknown	SCIOTO	OSIS	OSIS	Jackson Pk
MH Lakeview & alley w/o Cleveland Ave.	305	at least once between	7/6	unknown	unknown	7/6	unknown	unknown	unknown	DITCH@PER&AB	Alum Creek	Alum Creek	Southerly

MH Lakeview & alley w/o Cleveland Ave.	305	at least once between	7/14	unknown	to	7/14	unknown	DITCH@PER&AB	Alum Creek	Southerly
MH Eddystone & Suwane	315	at least once between	7/17	unknown	to	7/17	unknown	ALUM CREEK	Alum Creek	Southerly
MH Olentangy Blvd. & Montrose Way	326	at least once between	7/18	unknown	to	7/18	unknown	OLENTANGY	OSIS	Jackson Pk
MH e/s Indianola & alley n/o E North Broadway	329	at least once between	7/18	unknown	to	7/18	unknown	OLENTANGY	OSIS	Jackson Pk
MH Cole St. alley w/o Seymour	177	at least once between	7/19	unknown	to	7/19	unknown	ALUM CREEK	Alum Creek	Southerly
MH Oakwood & Lawrence	201	at least once between	7/19	unknown	to	7/19	unknown	SCIOTO	OSIS	Jackson Pk
MH Bruck & Woodrow	210	at least once between	7/19	unknown	to	7/19	unknown	SCIOTO	OSIS	Jackson Pk
MH Plum Ridge n/o Lornaberry	364	at least once between	7/19	unknown	to	7/19	unknown	DITCH@MN&MCN	Big Walnut	Southerly
MH Fifth Ave. & Eastview/Kenny	157	at least once between	7/20	unknown	to	7/20	unknown	OLENTANGY	OSIS	Jackson Pk
MH Binns Blvd. & alley s/o Palmetto St.	256	at least once between	7/20	unknown	to	7/20	unknown	SCIOTO	Big Run	Jackson Pk
MH Lakeview & alley w/o Cleveland Ave.	305	at least once between	7/21	unknown	to	7/21	unknown	DITCH@PER&AB	Alum Creek	Southerly
MH Lakeview & alley w/o Cleveland Ave.	305	at least once between	7/24	unknown	to	7/24	unknown	DITCH@PER&AB	Alum Creek	Southerly
MH Eddystone & Suwane	315	at least once between	7/24	unknown	to	7/24	unknown	ALUM CREEK	Alum Creek	Southerly
Hudson & alley w/o Parkwood	952	at least once between	7/24	unknown	to	7/24	unknown	ALUM CREEK	Alum Creek	Southerly
MH Olentangy Blvd. & Montrose Way	326	at least once between	8/1	unknown	to	8/1	unknown	OLENTANGY	OSIS	Jackson Pk
MH alley n/o Sullivant Ave. e/o Roys Ave.	254	at least once between	8/3	unknown	to	8/3	unknown	SCIOTO	Scioto Main	Jackson Pk
MH Oakwood & Lawrence	201	at least once between	8/9	unknown	to	8/9	unknown	SCIOTO	OSIS	Jackson Pk
MH Lakeview & alley w/o Cleveland Ave.	305	at least once between	8/10	unknown	to	8/10	unknown	DITCH@PER&AB	Alum Creek	Southerly
MH King Ave. & alley w/o Virginia	148	at least once between	8/17	unknown	to	8/17	unknown	OLENTANGY	OSIS	Jackson Pk
MH Hague Ave. n/o Mound St.	250	at least once between	8/17	unknown	to	8/17	unknown	SCIOTO	Big Run	Jackson Pk
MH Binns Blvd. & alley s/o Palmetto St.	256	at least once between	8/17	unknown	to	8/17	unknown	SCIOTO	Big Run	Jackson Pk
MH Oakwood & Lawrence	201	at least once between	8/18	unknown	to	8/18	unknown	SCIOTO	OSIS	Jackson Pk
MH Lakeview & alley w/o Cleveland Ave.	305	at least once between	8/18	unknown	to	8/18	unknown	DITCH@PER&AB	Alum Creek	Southerly
MH 200' w/o Rustic Pl. & Olentangy Blvd.	346	at least once between	8/18	unknown	to	8/18	unknown	OLENTANGY	OSIS	Jackson Pk
MH Olentangy Blvd. & Montrose Way	326	at least once between	8/22	unknown	to	8/22	unknown	OLENTANGY	OSIS	Jackson Pk
MH alley e/o High & s/o Schreyer Pl.	349	at least once between	8/22	unknown	to	8/22	unknown	OLENTANGY	OSIS	Jackson Pk
MH Cole St. alley w/o Seymour	177	at least once between	8/23	unknown	to	8/23	unknown	ALUM CREEK	Alum Creek	Southerly
MH Bruck & alley n/o Hosack	205	at least once between	8/23	unknown	to	8/23	unknown	SCIOTO	OSIS	Jackson Pk
MH Bruck & Woodrow	210	at least once between	8/23	unknown	to	8/23	unknown	SCIOTO	OSIS	Jackson Pk
MH e/s of Parsons, front of 1954 Parsons	211	at least once between	8/23	unknown	to	8/23	unknown	SCIOTO	OSIS	Jackson Pk
MH Plum Ridge n/o Lornaberry	364	at least once between	8/23	unknown	to	8/23	unknown	DITCH@MN&MCN	Big Walnut	Southerly
MH Third & Morning	146	at least once between	8/24	unknown	to	8/24	unknown	OLENTANGY	OSIS	Jackson Pk
MH Hague Ave. n/o Mound St.	250	at least once between	8/24	unknown	to	8/24	unknown	SCIOTO	Big Run	Jackson Pk

MH Como & High	328	at least once between	8/25	unknown	to	8/25	unknown	OLENTANGY	OSIS	Jackson Pk
MH e/s Indianola & alley n/o E North Broadway	329	at least once between	8/25	unknown	to	8/25	unknown	OLENTANGY	OSIS	Jackson Pk
MH 200' w/o Rustic Pl. & Olentangy Blvd.	346	at least once between	8/25	unknown	to	8/25	unknown	OLENTANGY	OSIS	Jackson Pk
MH Eddystone & Suwanee	315	at least once between	10/23	unknown	to	10/30	unknown	ALUM CREEK	Alum Creek	Southerly
MH Oakwood & Lawrence	201	at least once between	12/6	unknown	to	12/13	unknown	SCIOTO	OSIS	Jackson Pk
MH Bruck & Woodrow	210	at least once between	12/6	unknown	to	12/13	unknown	SCIOTO	OSIS	Jackson Pk

Appendix C: Annual Summary of Dry-Weather Overflows

**City of Columbus
Annual Summary of Dry-Weather
Overflows - 2023**

Location	Reference Number	Estimated Date and Time - if known				Receiving Water - if any	Sewer Component	Cause	Reduction/Elimination/Prevention
		Reported	2/13 to 2/13	14:00 to 14:30	14:30				
3439 Derbyshire Dr	179	Reported	2/13 to 2/13	14:00 to 14:30	Alum Creek	Sanitary Sewer	Debris	Implement Consent Order	
Vause Rd & Rickenbacker	687	Reported	3/1 to 3/1	2:30 to 4:00	Alum Creek	Sanitary Sewer	Blockage	Implement Consent Order	
686 Grandview Ave	24	Reported	3/20 to 3/20	14:00 to 15:30	Scioto River	Sanitary Sewer	Blockage	Implement Consent Order	
2740 Airport Dr	57	Reported	3/29 to 3/29	Unknown to 14:00	Alum Creek	Sanitary Sewer	Up Flow	Implement Consent Order	
4496 Brokaw Dr	376	Reported	4/13 to 4/13	Unknown to 4/27	Alum Creek	Sanitary Sewer	Blockage	Implement Consent Order	
2730 Alton Darby Creek Rd	436	reported	4/27 to 4/27	Unknown to 4/27	Big Darby	Manhole	Blockage	Implement Consent Order	
5411 Foxhound Lane	549	Reported	6/7 to 6/7	Unknown to 15:00 pm	Big Walnut Creek	Sanitary Sewer	Blockage	Implement Consent Order	
760 Bethel Road	369	reported	7/11 to 7/11	Unknown to 20:00 pm	Big Walnut	Sanitary Sewer	Grease	Implement Consent Order	
4441 Candlewick Circle	460	reported	7/12 to 7/12	9:30 to 11:30	Big Walnut	Sanitary Sewer	Grease	Implement Consent Order	
2523 E. Fifth Ave	58	reported	9/6 to 9/6	Unknown to 15:30	Alum Creek	Manhole	Unknown	Implement Consent Order	
2740 Perdue Ave.	130	reported	10/6 to 10/6	Unknown to 14:00	Alum Creek	Manhole	Roots Debris	Implement Consent Order	
2906 Abbot Cove Blvd	79	Reported	10/17 to 10/17	Unknown to 13:00	Indian Run	Manhole		Implement Consent Order	
MH Kerr s/o Russell	871	Reported	11/3 and 11/3	2:15 and 12:35	SCIOTO	Wastewater at CSO	Blockage caused overflow at the weir into storm system Dry	Implement Consent Order	
MH Kerr s/o Russell	871	Reported	11/4 and 11/4	2:15 and 12:35	SCIOTO	Wastewater at CSO	Blockage caused overflow at the weir into storm system Dry	Implement Consent Order	
MH Kerr s/o Russell	871	Reported	11/5 and 11/5	2:15 and 12:35	SCIOTO	Wastewater at CSO	Blockage caused overflow at the weir into storm system Dry	Implement Consent Order	
MH Kerr s/o Russell	871	Reported	11/6 and 11/6	2:15 and 12:35	SCIOTO	Wastewater at CSO	Blockage caused overflow at the weir into storm system Dry	Implement Consent Order	

744 Yvette Ct.	22	Reported	11/19	12:30	to	11/19	unknown	Scioto River	Manhole	Grease	storm system Dry	Implement Consent Order
2559 Westbelt Dr	0167S0005	Reported	12/7	11:50	to	12/7	12:05	Scioto River	Manhole	Utility Cross bore		Implement Consent Order
825 Greenfield Dr	0007S0480	Reported	12/12	20:15	to	12/12	22:00	Scioto River	Manhole	Grease/Debris		Implement Consent Order
3749 Eisenhower	023S0263	Reported	12/15	14:00	to	12/15	14:15	N/A	Manhole	Dry Weather		Implement Consent Order

Appendix D: Summary of Flow Monitored Overflow Events Greater Than 1000 Gallons

Appendix E: Summary of Flow Monitored Overflow Events Less Than 1000 Gallons

City of Columbus
Summary of Flow Monitored Overflow Events
Less than 1000 Gallons - 2023

Location	Reference Number	Number of Events	Sewer Sub-Basin
None Recorded			

Appendix F: Summary of Stipulated Penalties

**City of Columbus
Summary of Stipulated Annual Penalties - 2023**

City of Columbus
Summary of Stipulated Annual Penalties - 2023

As of 12/31/2023

Overflow Type	# of Events	Penalty *	Total
Wet Weather SSOs	173	\$2,500	\$2,500
Dry Weather SSOs	16	\$1,500 each	\$24,000
Southerly WWTP Bypass	1	\$2,000 each	\$2,000
Total			\$28,500 **

* Penalty Tiers

1 to 250 wet weather events / yr.	\$2,500
251 to 500 wet weather events / yr.	\$12,500
Over 500 wet weather events / yr.	\$20,000

** Stipulated penalty to be paid to OEPA

*** Dry CSO Penalty payment #00533979 paid within 45 days - \$8,000

