



STRONGER TOGETHER

WATER POLLUTION CONTROL
2021 ANNUAL REPORT



WHO WE ARE

Water Pollution Control (WPC) is the City of Cleveland's sewer maintenance division and stormwater manager.

WHAT WE DO

WPC cleans and maintains a network of sewers, system connections and other ancillary components that facilitate the free-flow and transfer of wastewater. Our work helps sustain Cleveland's 1,436 miles of sewer lines, more than 43,500 catch basins/storm drains, 11 pump stations and two stormwater basins.

The City has both combined and separate sewers, covering a drainage area of approximately 75.6 miles, of which approximately 6.8 square miles drain into natural waterways, including Lake Erie and the Cuyahoga River. Combined sewers (91%) carry stormwater and wastewater to three treatment plants. In separate sewers (9%), stormwater travels untreated to nearby waters.

We also educate the public on best practices to reduce water pollution. One way we do this is by inviting residents to tour our stormwater demonstration project at the WPC Kirby Road Facility, where there are two rain gardens, a bioswale, pervious pavers in our parking lot and three cisterns that collect and hold 15,000 gallons of rain water that is reused for irrigation and to wash equipment.

Cleveland is a Municipal Separate Storm Sewer System (MS4s) city designated by the Ohio Environmental Protection Agency (EPA) under its National Pollutant Discharge Elimination System (NPDES) program. WPC has the authority to enforce EPA stormwater regulations and laws designed to eliminate illicit discharges.

OUR VISION

WPC is an innovative steward and leader in the stormwater and wastewater industry and a model customer service provider.

OUR MISSION

To provide superior leadership, excellent customer service, and innovative stormwater and wastewater infrastructure management for a safe and sustainable environment.

MESSAGE FROM THE MAYOR



FRANK G. JACKSON
Mayor

An annual report looks back on an organization's achievements and financial stability over the preceding year. I am proud of the accomplishments Water Pollution Control (WPC) had in 2021 and throughout my tenure as Mayor of the City of Cleveland.

WPC continually delivers great sewer maintenance service to our residents and business owners. The Division has represented the city well as its storm water manager, furthering my vision of Cleveland being a green city on a blue lake and protecting Lake Erie, one of our greatest freshwater resources.

Immediate response to collapsed sewers, flooded roads and basements, and sewage overflows after heavy rains are reminders of how much we depend on WPC to manage one of the most basic public health and safety systems.

Millions of dollars in capital improvements have been spent to bring Cleveland's 1,436 miles of sewer lines and related infrastructure into the modern era, and help ensure resilience and economic vitality for decades to come. Additionally, WPC has remained operationally and fiscally sound with minimal rate increases over 15 years.

WPC's work touches our lives—from water quality to our ability to walk along the Cuyahoga River Trail and breathe in fresh air. For that, we appreciate WPC's stewardship and its many community partnerships that enhance our quality of life.

Sincerely,

Frank G. Jackson,
Mayor



KEVIN J. KELLEY
Council President



BRIAN KAZY
Council Member
Utilities Committee Chairman

MESSAGE FROM CITY COUNCIL

As the pandemic lingered into 2021 and caution remained, Water Pollution Control (WPC) continued to make customer service a priority. In addition to routine sewer maintenance, the division’s crews answered emergency calls 24/7 and met operational goals that were outlined to Cleveland City Council. Additionally, the Customer Service team and other employees delivered on internal and external customer expectations.

Thanks to WPC’s community outreach efforts, residents and business owners have a better understanding of how even the smallest behavioral changes can make a significant impact on water quality and on sewer infrastructure and environmental sustainability. WPC’s outreach team met residents where they live to answer sewer-related questions and to educate about stormwater matters, participating in dozens of community events during 2021.

We invite you to visit the WPC website to learn more about the division, send emails to get answers to your questions, and you can even give feedback for work done well by WPC employees. The WPC website is www.ClevelandWPC.com.

On behalf of Cleveland residents and businesses in our 17 wards, Cleveland City Council is proud to partner with WPC now and into the future.

Sincerely,

Kevin J. Kelley,
Council President

Brian Kazy,
Chairman, Public Utilities Committee



MARTIN J. KEANE
Public Utilities Director



RAMONA LOWERY
Water Pollution Control
Commissioner

OUR LEADERSHIP

Water Pollution Control (WPC) continued providing essential services to the residents and businesses of the City of Cleveland during 2021. Our dedicated staff extended their commitment during a second COVID affected year. Throughout the ongoing COVID-19 pandemic, WPC has adjusted its business practices to protect the health and safety of employees, contractors, and the larger community, while remaining focused on our mission to provide superior leadership, excellent customer service and innovative stormwater and wastewater infrastructure management for a safe and sustainable environment.

In all that we do, WPC is committed to maintaining sewer service, serving the daily needs of residents, and implementing improvements to alleviate wastewater concerns and benefit the city for decades to come. WPC focused efforts on readiness of both our people and our critical equipment during this time.

Hiring the next generation of front line employees is a strategic need at WPC. In response to this need, we hired eight apprentices during 2021. Further, acknowledging staff during a difficult time is critical. We wanted to highlight efforts to recognize the commitment of our staff. WPC held its 4th Annual Veterans Breakfast with COVID protocols intact and issued awards for other staff. You will see these dedicated professionals throughout this publication. WPC also purchased three new Jet-Vac units in 2021 utilizing our community cost share dollars. These heavy-duty machines are integral to the maintenance of our vital infrastructure.

In 2021, WPC appropriated funds for four sewer and stormwater design and construction projects. This annual report provides a non-technical overview of WPCs work and a snapshot of our most recent fiscal year.

Within this report, you will learn how we are carefully investing the funds we receive to maintain and improve Cleveland wastewater and stormwater systems. In fact, we are proud to share that overall, WPC completed all projects on time and on budget with high quality. We are delivering on the trust you place in us. In addition, you will find financial information for the past two years.

The purpose of this report is to be informative and useful. As always, we welcome any comments or suggestions on how we might improve future reports to better serve your interests and needs.

Respectfully submitted,

Martin J. Keane,
Director

Ramona Lowery,
Commissioner

WPC EMPLOYEE RECOGNITION AWARDS 2021



ALANDIS GULLATT
Spotlight Award



BRANDON LIPPI
Spotlight Award



CYLAN WILLIAMS
Spotlight Award



DEXTER FRIERSON
Spotlight Award



ELIE RAMY
Leadership Award



JAMES MINCH
Spotlight Award



JAMES ZDANOWICZ
Top Sewer Service Worker



JEANETTE ADAMS
Spotlight Award



JOE O'TOOLE
Outstanding Performance of the Year



JOYCE WHITE
Spotlight Award



LAURA STASEK
Spotlight Award



LEONARD PETERS
Team First Spirit Award



LOVELL FORD
Team First Spirit Award



NICHOLAS NEACE
Team First Spirit Award



PATRICK FLEMING
Team First Spirit Award



YOLANDA MCKNIGHT
Spotlight Award

2021 WPC HIGHLIGHTS & ACCOMPLISHMENTS

East 85 Street and Chester Parkway Area Sewer Project

Installed approximately 900 feet of combined main sewer on Chester Parkway. The project also relocated Spring Brook Culvert.

East 37 Street Pump Station & Force Main Project

Replaced approximately 1,000 feet of 8-inch force main and the existing underground pump station structure and pumps with a new packaged pump station; also roadway restoration.

Edgewater Drive & Harborview Drive Sewer Project

Replaced approximately 440 feet of combined sewer on Edgewater Drive from West 110 Street to Harborview Drive, and 1,360 feet of combined sewer on Harborview Drive from Edgewater Drive to west of West 115 Street.

Muriel Avenue Sewer Project

Replaced approximately 800 feet sanitary and storm on Muriel Avenue between West 42 Street and westerly dead-end of street.

Hired 8 Apprentices

The Construction Craft Laborer Apprenticeship Program is a collaboration between the City of Cleveland's Department of Public Utilities, the Cleveland Metropolitan School District (CMSD), and AFSCME Local 100 to provide opportunities to high school graduates who want to pursue a sewer maintenance career with WPC.



PERFORMANCE MEASURES

Water Pollution Control’s sewer maintenance unit is an essential frontline public service that most people do not think about until streets flood or wastewater backs up into their basements. Each year WPC leadership set operational goals based on performance and expectancy to ensure the free flow of wastewater and stormwater. Operational goals are based on various criteria, including preventative maintenance, benchmarks, customer service standards and industry best management practices.

PERFORMANCE MEASURES	2021	2020
Linear feet of sewer lines cleaned	210,397	195,441
Linear feet of sewer lines televised	168,129	190,629
Number of catch basins inspected	19,989	15,308
Number of catch basins cleaned	11,734	8,393
Response time during working hours – water in basement (WIB)	42.2 minutes	52.25 minutes
Response time during off hours - WIB	49.2 minutes	57.83 minutes
Number of house connections repaired	304	302
Average time to complete catch basin repairs	10.67 days	18.2 days
Average time to complete house connection repairs	2.4 days	2.8 days
Total completed sewer maintenance work orders	5,361	6,358

CAPITAL SPENDING

PROJECT NAME	2021 EXPENDITURE
Buckeye Road	\$35,041
Catch Basins & Manholes	693,065
East 75th Street	28,540
East 105 Street	202,701
East 131st Street	100,934
East 185th and Marcella Road	1,831,247
East 37 Street Pump Station	141,069
East 85th Street	1,361,834
Edgewater Drive	1,320,080
Facilities Improvements	52,606
Fulton Road Phase II	137,367
General Engineering Services	240,792
Manhole Brace Shoring System	132,705
Muriel Avenue	791,027
Program Management Team I	810,690
Rehab & Reline Sewers	61,097
SCADA	19,435
Sewer Connections	92,135
Sewer Installation	1,740,130
Vehicles	1,048,795
West 65th Street	90,412
TOTAL	10,931,704

FINANCIALS

The following tables are from Water Pollution Control's (WPC) financial statements for the years ended December 31, 2021 and December 31, 2020. Statements of cash flows show the exchange of money between the division and others, such as customers and suppliers. The statements also outline the state of the division's overall net assets. To view the city of Cleveland's entire financial audit report, visit the Ohio Auditor of State's website at www.auditor.state.oh.us. To view the WPC 2021 annual report online and to learn more about the sewer maintenance division, visit www.clevelandwpc.com.

STATEMENTS OF REVENUES, EXPENSES & CHANGES IN NET POSITION

2021 and 2020

(In thousands)

OPERATING REVENUES	2021	2020
Charges for services	\$29,625	\$29,392
TOTAL OPERATING REVENUES	29,625	29,392
OPERATING EXPENSES		
Operations	6,308	13,636
Maintenance	9,648	9,516
Depreciation	5,242	4,721
TOTAL OPERATING EXPENSES	21,198	27,873
OPERATING INCOME (LOSS)	8,427	1,519
NON-OPERATING REVENUE (EXPENSE)		
Investment Income	28	223
Interest Expense	(1,844)	(1,199)
Amortization of bond premiums and discounts	\$265	269
Gain (loss) on disposal of assets	(20)	(2)
Other	12	19
TOTAL NON-OPERATING REVENUE (EXPENSE), NET	(1,559)	(690)
INCOME (LOSS) BEFORE CAPITAL AND OTHER CONTRIBUTIONS	6,868	829
Capital and other contributions	5,104	3,678
INCREASE (DECREASE) IN NET POSITION	11,972	4,507
NET POSITION, BEGINNING OF YEAR	114,440	109,933
NET POSITION, END OF YEAR	126,412	114,440

STATEMENT OF NET POSITION

2021 and 2020

(In thousands)

ASSETS AND DEFERRED OUTFLOWS OF RESOURCES

CAPITAL ASSETS	2021	2020
Land	\$295	\$295
Land Improvements	243	188
Utility Plant	225,048	215,167
Buildings, structures and improvements	11,475	11,475
Furniture, fixtures, equipment and vehicles	14,470	16,610
	251,531	243,735
Less Accumulated Depreciation	(136,956)	(135,804)
	114,575	107,931
Construction in Progress	21,678	22,315
CAPITAL ASSETS, NET	136,253	130,246
NET OPEB ASSET		
Net OPEB Asset	878	
RESTRICTED ASSETS		
Cash and Cash Equivalents	3,339	2,651
TOTAL RESTRICTED ASSETS	3,339	2,651
CURRENT ASSETS		
Cash and Cash Equivalents	81,703	78,511
Restricted cash and cash equivalents	1,788	1,538
Receivables		
Accounts Receivable - net of allowance for doubtful accounts of \$3,447	131,878	133,091
Unbilled Revenue	1,832	1,947
Accrued Interest Receivable	1	0
Due from other governments	382	538
Due from other City of Cleveland departments, divisions or funds	48	29
Materials and Supplies	834	701
Prepaid Expenses	62	65
TOTAL CURRENT ASSETS	218,528	216,420
TOTAL ASSETS	358,998	349,317
DEFERRED OUTFLOWS OF RESOURCES		
Pension	1,190	1,632
OPEB	477	1,076
TOTAL DEFERRED OUTFLOWS OF RESOURCES	1,667	2,708

(In thousands)

NET POSITION, LIABILITIES AND DEFERRED INFLOWS OF RESOURCES

NET POSITION	2021	2020
Net Investment in Capital Assets	\$89,592	\$83,751
Restricted for Capital Projects	20	18
Restricted for Debt Service	2,673	2,672
Unrestricted	34,127	27,999
TOTAL NET POSITION	126,412	114,440
LONG-TERM OBLIGATIONS-EXCLUDING AMOUNTS DUE WITHIN ONE YEAR		
OWDA Loans	14,057	12,974
OPWC Loans	5	17
Accrued Wages and Benefits	313	180
Revenue Bonds	32,597	33,522
Net Pension Liability	7,399	9,849
Net OPEB Liability		6,715
TOTAL LONG-TERM OBLIGATIONS	54,371	63,257
CURRENT LIABILITIES		
Accounts Payable	1,397	1,138
Customer Deposits and Other Liabilities	179	181
Payable from Restricted Assets	1,788	1,538
Accrued Wages and Benefits	1,545	1,211
Due to other City of Cleveland Departments, Divisions or Funds	2,593	2,707
Amounts due for billing on behalf of others	165,173	163,107
Accrued Interest Payable	185	188
Current Portion of Long-Term Debt, Due Within One Year	1,030	1,020
TOTAL CURRENT LIABILITIES	173,890	171,090
TOTAL LIABILITIES	228,261	234,347
DEFERRED INFLOWS OF RESOURCES		
Pension	3,309	2,191
OPEB	2,683	1,047
TOTAL DEFERRED INFLOWS OF RESOURCES	5,992	3,238

STATEMENTS OF CASH FLOWS

2021 and 2020

(In thousands)

CASH FLOWS FROM OPERATING ACTIVITIES	2021	2020
Cash Received from Customers	\$27,377	\$27,255
Cash Payments to Suppliers for Goods and Services	(10,402)	(11,175)
Cash Payments to Employees for Services	(9,931)	(9,628)
Cash Receipts on Behalf of Other Communities	427,888	401,522
Cash Payments on Behalf of Other Communities	(424,348)	(401,987)
Other	692	492
NET CASH PROVIDED BY (USED FOR) OPERATING ACTIVITIES	11,276	6,479
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES		
Proceeds from Sale of Revenue Bonds, Loans and Notes	1,933	8,127
Acquisition and Construction of Capital Assets	(11,436)	(19,657)
Principal Paid on Long-Term Debt	(1,059)	(802)
Interest Paid on Long-Term Debt	(1,871)	(1,718)
Capital Grant Proceeds	5,260	3,391
NET CASH PROVIDED BY (USED FOR) CAPITAL AND RELATED FINANCING ACTIVITIES	(7,173)	(10,659)
CASH FLOWS FROM INVESTING ACTIVITIES		
Interest Received on Investments	27	265
NET CASH PROVIDED BY (USED FOR) INVESTING ACTIVITIES	27	265
NET INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS	4,130	(3,915)
CASH AND CASH EQUIVALENTS, BEGINNING OF YEAR	82,700	86,615
CASH AND CASH EQUIVALENTS, END OF YEAR	86,830	82,700

RECONCILIATION OF OPERATING INCOME (LOSS) TO NET CASH PROVIDED BY (USED FOR) OPERATING ACTIVITIES

(In thousands)

	2021	2020
OPERATING INCOME (LOSS)	\$8,427	\$1,519
ADJUSTMENTS		
Depreciation	5,242	4,721
(INCREASE) DECREASE IN ASSETS		
Accounts Receivable, net	1,213	(14,448)
Unbilled Revenue	115	(12)
Due From Other City of Cleveland Departments, Divisions or Funds	(19)	11
Materials and Supplies, net	(133)	(42)
Prepaid Expenses	3	4
Net OPEB Asset	(878)	
(INCREASE) DECREASE IN DEFERRED OUTFLOWS OF RESOURCES		
Pension	442	2,489
OPEB	599	(537)
INCREASE (DECREASE) IN LIABILITIES		
Accounts Payable	259	(498)
Customer Deposits and Other Liabilities	(2)	(17)
Accrued Wages and Benefits	467	62
Due to other City of Cleveland Departments, Divisions or Funds	(114)	19
Amounts Due for Billings on Behalf of Others	2,066	13,898
Net Pension Liability	(2,450)	(3,991)
Net OPEB Liability	(6,715)	290
INCREASE (DECREASE) IN DEFERRED INFLOWS OF RESOURCES		
Pension	1,118	1,981
OPEB	1,636	1,030
TOTAL ADJUSTMENTS	2,849	4,960
NET CASH PROVIDED BY (USED FOR) OPERATING ACTIVITIES	11,276	6,479
SCHEDULE OF NONCASH CAPITAL AND RELATED FINANCING ACTIVITIES		
ACCOUNTS PAYABLE RELATED TO CAPITAL ASSETS	1,788	1,538



WATER POLLUTION CONTROL

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