



Cuyahoga County
Together We Thrive

2018 Annual Report

Prepared for the: **City of Middleburg Heights**



By the: **Department of Public Works**





March 18, 2019

The Honorable Matthew Castelli
City of Middleburg Heights
15700 E. Bagley Road
Middleburg Heights, Ohio 44130

Dear Mayor Castelli,

As Director of Public Works, I am pleased to submit the 2018 Annual Report for the City of Middleburg Heights. Our work within the communities focuses on addressing the infrastructure needs of the sewer collection system, as well as meeting Ohio EPA goals. Our goal is to provide a high level of service in a cost-effective manner by striving to improve our efficiency throughout the County. We continue to maintain a second maintenance shift to reduce overtime, which also allows us to work more efficiently in areas where normal workday traffic would be problematic.

This report is a detailed overview of the work completed within your municipality in the past year and is organized as follows:

- Overview
- Sewer Collection System Jet Cleaning and Television Inspection Summaries
- Plan Approvals Summary
- Service Program Summary
- Community Operating and Capital Expenses

The County is now emailing the annual reports, which are also available on our website at:
<http://publicworks.cuyahogacounty.us/en-US/Sewer-Maintenance-Services.aspx>

My staff is available to meet with you at your convenience should you wish to discuss this report or any of the services that our department provides.

On behalf of the entire Cuyahoga County Department of Public Works, we are pleased and grateful for the opportunity to be of service to you and your community.

Respectfully submitted,

Michael W. Dever, MPA
Director of Public Works

Cc: (with attachments)
James Herron, Service Director
Michael Mackay, P.E., Engineer

Table of Contents



Overview.....	1
Appendix Description.....	8
Sanitary Fleet Facts.....	9
Community Streets Cleaned.....	A-1
Community Streets Televised.....	A-2
Plan Approval Status.....	A-3
Service Report Summary.....	A-4
Community Operating Expenses.....	A-5
Community Capital Expenses.....	A-6
Contact Information.....	Rear Folio



OVERVIEW



Established in 1919, the office of the Cuyahoga County Sanitary Engineer was created to provide administrative authority in matters of wastewater, storm water, and water supply management. In 2012, the Sanitary Engineering Division (formerly CCSE) became a part of the Cuyahoga County Department of Public Works (CCDPW), and now operates under County Executive Armond Budish.

The Sanitary Division's focus is on the maintenance and repair of aging sewer lines, sewer system needs assessment, engineering feasibility studies, and other infrastructure-related issues. These areas all have a direct impact on commercial and residential development, job creation, and expanding the tax base in the communities served by the Department of Public Works. Furthermore, the Sanitary Division is a major source of technical information for communities (mayors, municipal engineers, and service directors), which provides them with guidance for making infrastructure decisions within their community. The Sanitary Division has considerable experience in the maintenance, repair, and rehabilitation of sanitary and storm sewer systems, as well as significant expertise with respect to the operation and maintenance of pump stations and wastewater treatment plants.

The Sanitary Engineering Division of Public Works currently operates in 38 communities by agreement. Pursuant to such agreements, the Sanitary Division maintains more than 1,200 miles of sanitary sewers and 1,100 miles of storm sewers, operates 63 sewage-pumping stations, and maintains two wastewater treatment plants. Working in cooperation with the Ohio Environmental Protection Agency (Ohio EPA), the Northeast Ohio Regional Sewer District (NEORS), the Cuyahoga County Board of Health (CCBH), and the various communities, the Sanitary Division works to maintain water quality. This is done through the construction of new sanitary sewers, maintenance of existing sewer systems, and the investigation and remediation of illicit discharges (sanitary sewage which is improperly discharged into storm sewers).

All funds used for operation, maintenance, rehabilitation, and repair of the sewerage system are generated through fees and assessments. (Funding is not via the County's General Fund to perform these activities.)

The Department of Public Works has been in the forefront of regionalism efforts within the County. With services provided to more than half of the County's 59 communities, the Sanitary Division continues to maintain reasonable rates and improve infrastructure throughout the area.





GOALS

The Sanitary Engineering Division of Public Works has three (3) major goals:



1. Operate and maintain the sanitary sewerage systems to assist the communities in meeting the goals and objectives of the EPA Capacity Management Operation and Maintenance (CMOM) guidelines.
2. Provide guidelines for design and construction through the County's "Uniform Standards for Sewerage Improvements" and "Rules and Regulations."
3. Issue sewer connection permits and provide construction inspection for new sanitary sewers and new connections to existing sanitary sewers.

The goals of the Sanitary Engineering Division with respect to the maintenance and repair of sewers are accomplished through the activities of our three main Sanitary Division groups working together: Maintenance Services; Engineering & Construction Services; and, Administrative Services.

MAINTENANCE SERVICES

- Reduction of the number of flooded basements by maintaining existing capacity in the collection systems, minimize the inflow/infiltration of storm water to the sanitary system, and evaluate the structural integrity of the sewerage system;
- Optimization of maintenance efficiency to reduce operating costs and provide more available funds for capital improvement projects and repairs;
- Operation of wastewater treatment plants in compliance with the National Pollution Discharge Elimination System (NPDES) permit parameters;
- Maintenance and inspection of the existing collection system to achieve EPA CMOM maintenance goals;
- Operation and maintenance of pumping stations;
- Performance of Illicit Discharge Detection and Elimination Services





ENGINEERING AND CONSTRUCTION SERVICES

- Preparation of Task Orders for repairs and rehabilitation;
- Plan review and approval of all new sewer improvements within the County service area;
- Performance of engineering analyses (required for operation of facilities and the collection system);
- Capital improvement planning;
- Construction management and inspection;
- Provision of guidelines for new construction through use of the CCDPW *Uniform Standards for Sewerage Improvements*;
- Provision of infrastructure needs assessment for communities;
- Project design;
- Construction inspection of new wastewater collection systems within the county service area; and,
- Record keeping of as-built plans and test tee locations.



ADMINISTRATIVE SERVICES

- Issuance of connection permits;
- Maintenance of Record Drawings;
- Provision of Geographical Information Systems (GIS) for development and implementation;
- Fiscal oversight of annual operating budget and capital improvement budget;
- Administration of Grants and loans; and,
- Licensing and permitting of more than 200 contractors.

SUMMARY OF COUNTY-WIDE MAINTENANCE SERVICES

SEWERS

- High-pressure jetting of sewers in the right-of-way, approximately 304 miles of sewers in 2018;
- Point repairs of sewers, force mains, and structures; 3,443 construction visits;
- Cleaning of service laterals, including emergency maintenance and 24-hour on-call team for resident issues;
- TV inspection of approximately 259 miles of sewers to provide condition ratings, failures and/or deficiencies;
- I/I investigation and remediation, 485 visits;
- Implementation of preventative maintenance and upgrades to treatment plants and pumping stations, as well as the provision of licensed operators to monitor the condition of those facilities.





The Maintenance Services Department provides a full-service program to clean sewers, provide National Association of Sewer Service Companies (NASSCO) Pipeline Assessment Certification Program (PACP) condition ratings of sewers, maintain the structural integrity of the sewer systems, and perform repairs on sanitary and storm sewers. The objective of the program is the cleaning of all sanitary sewers every three years and performing video inspection every six years. This time line is well within the NEORSD's "Best Management Practices" guidelines.

■ HOUSE LATERAL SERVICES

The Maintenance Services House Lateral Service Department cleaned 8,847 house connections in 2018. The goal is to alleviate sewer back-ups by clearing blocked mains and cleaning service connections to restore sewer capacity.

The House Lateral Service Department also performs flow monitoring for Inflow and Infiltration (I&I) analysis, dye testing, smoke testing, and lateral sewer inspection to identify I&I sources and locations of illicit discharges. The Department works with the communities, the Ohio EPA and the NEORSD to protect local waterways.

■ PUMPING STATIONS

The County operates 63 pumping stations throughout the 38 communities pursuant to the maintenance agreements. A Supervisory Control and Data Acquisition (SCADA) system monitors the stations. The system provides alarms and operational status through a central computer, providing 24-hour monitoring. New pump stations are added to the SCADA system as they come on-line. Our maintenance staff consists of experienced operators and technicians enabling us to repair most problems in-house, therefore keeping costs down. Their preventive maintenance program and dedication to the job has reduced emergency call-outs and overflows.





■ **WASTEWATER TREATMENT PLANTS**

The County operates two package wastewater treatment plants. The standards for each facility are set by the Ohio EPA through a National Pollution Discharge Elimination System (NPDES) permit. The support staff consists of wastewater operators, licensed by the Ohio EPA, who monitor the conditions of the plants and make necessary process adjustments to meet the requirements of each NPDES permit.



■ **CAPACITY, MANAGEMENT, OPERATION, AND MAINTENANCE PROGRAM (CMOM)**

The CMOM Program is a set of “best management practices” that have been developed by the industry and are applied over the life cycle of the sewer collection system. It is these general practices that are taken into consideration when a system is being reviewed by a federal or state agency. Improvement and recommendations are provided by the agencies based on deficiencies identified in the sanitary sewer system.

We continue to work with the NEORS (through their community discharge program) and with the Ohio EPA to ensure that our Sanitary Division’s best practices meet the CMOM goals.





SUMMARY OF ENGINEERING & CONSTRUCTION SERVICES

The Engineering and Construction Services Departments provide technical services to the communities including, but not limited to, capital project planning, grant and loan administration, design engineering, construction management, as well as inspection of sanitary and storm sewers, pump stations, and wastewater treatment facilities.

The sewer repair and rehabilitation program is managed by in-house personnel. A Sanitary Division engineer is assigned to each community to provide an individual contact for sewer related issues. Under the existing sewer maintenance agreements (based on video inspection information and requests from the communities), the County issues Task Orders for repair and rehabilitation by our forces, supplemented by two third-party contractors.

In 2018, on behalf of member communities, design plans were reviewed for nearly 50 construction projects. The Sanitary Engineering Division also coordinates and analyzes the results of field testing and flow monitoring to detect and eliminate storm water inflow/infiltration (I/I) from the sanitary sewer system and illicit discharges to the storm sewer system. Record drawings are prepared, scanned, and filed for record keeping. Information on new sewers and service connections are provided to our IT personnel for incorporation into the County's Geographical Information System (GIS).

The Sanitary Engineering Division and the Construction Department also oversee capital construction projects, including the development of financial packages in the form of grants and loans obtained from the State of Ohio. These funds are utilized for lining, repairing, replacing, and rehabilitating existing sanitary and storm sewerage systems.

The Construction staff provides inspection of all new sanitary sewers and for the connection of service laterals to existing sewers. The Inspectors ensure that projects are constructed in conformance to design plans, specifications, and the County's *"Uniform Standards."*



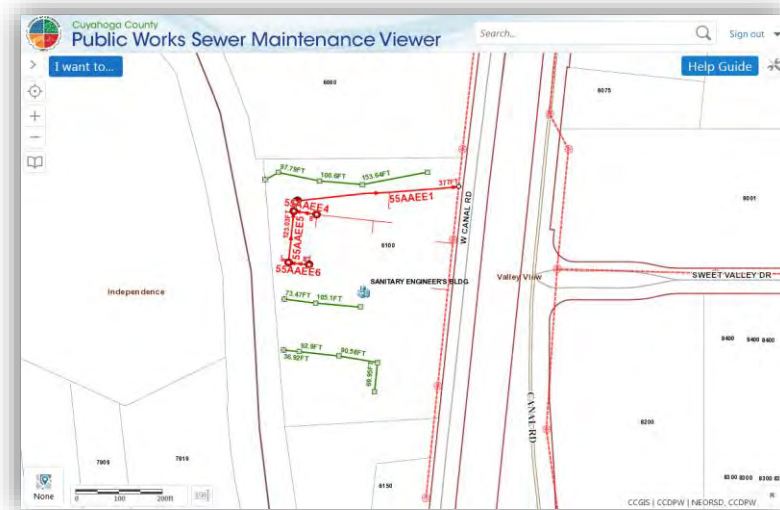
SUMMARY OF ADMINISTRATIVE SERVICES

■ PERMITS

In the 38 communities, pursuant to the sewer maintenance agreements, Administrative Services major functions include issuance of Sewer Connection Permits and the registration of licensed and bonded contractors. These contractors are then able to obtain connection permits and install sanitary sewers within the member communities. The Sanitary Division also maintains permanent records of sewer construction projects and provides information to all County departments, municipalities, engineering firms, contractors, and the public.

■ INFORMATION TECHNOLOGY

Information Technology (IT) provides computer and analytical support to internal end-users and to the communities serviced by the CCDPW. IT is responsible for the design, implementation, and maintenance of our Geographical Information System (GIS), other relational database systems, and guiding data acquisition tasks throughout the CCDPW. The GIS mapping program catalogues the location of sewer systems and performs analysis on spatial data. This information supports the planning, design, and maintenance of sewer systems, and ensures user fees are appropriately assessed and collected. Furthermore, the mapping program features access to information regarding permits that are on record.



Our Geographical Information System is continually being updated and expanded to include information on repair and rehabilitation activities as well as system maintenance and inspection activities. Information is shared between the County, member communities, and the NEORS to improve services and foster collaboration.

■ FINANCE

The Finance Department provides support services to various units within the CCDPW. Automated cost accounting programs and systems ensure accurate tracking and monitoring of expenditures, revenues, rate structures, and other data that provide financing for capital projects and operational budgets. All systems and programs are operated under generally accepted accounting principles. The CCDPW oversees an annual storm and sanitary sewer operating budget of more than \$17 million. Finance is responsible for accounts receivable, accounts payable, cost accounting, audit, inventory control, capital project financing, purchasing, and sewer assessment revenue management for member communities.

SANITARY FLEET FACTS

THE POWER OF REGIONALISM



Current vehicles & equipment	Quantity
House Trucks	
Specialized Plate Truck & specialized vehicles for catch basin repair	
Combination Jet-Vac & Straight Jet Trucks	
TV Camera Trucks	
Backhoes, Mini Excavators & Rubber Wheel Loader	
Class 5 Dump Trucks	
Construction trucks	
1 ton trucks for pump station service	
43,000 to 53,000 GVWR single-axle dump trucks	
58,000 to 60,000 GVRW tandem axle dump trucks	
Class 550 with crane for pump station service	
20-25 ton trailers	
Small Trailers	12





Community Streets Cleaned*



Section A-1

*No service provided if section is blank

Collection System Jet Cleaning

MIDDLEBURG HEIGHTS

SANITARY

STREET	Street Count: 86	Jet Ft
	# of segments	
BAGLEY ROAD	31	7,516
BEACHDELL DRIVE	2	349
BELFAIR DRIVE	6	1,238
BELMEADOW DRIVE	5	875
BENEDICT DRIVE	7	1,661
BIG CREEK PARKWAY	32	7,990
BLUE SPRUCE OVAL	1	236
BUCKINGHAM COURT	2	298
CANTERBURY DRIVE	4	565
CLAREMONT AVENUE	15	2,745
COMSTOCK CIRCLE	3	574
COTTON WOOD OVAL	1	208
DARWIN PLACE	6	1,149
DOGWOOD CIRCLE	3	623
EAST BAGLEY ROAD	12	3,182
EATON COURT	1	294
ELISE DRIVE	2	588
ELMDALE ROAD	12	2,461
EMERALD POINT DRIVE	8	1,186
ENGLE ROAD	10	2,577
ENGLEWOOD DRIVE	3	674
FAIRWEATHER DRIVE	6	1,299
FOXGLOVE LANE	8	1,252
FOXHALL LANE	4	514
FOX HOLLOW COURT	4	625
FRANKE ROAD	5	1,626
FRY ROAD	23	6,296
GALEMORE DRIVE	10	2,817
GILFORD LANE	5	895
NARRAGANSETT OVAL	3	290
HEATHER LANE	18	3,992
HEMLOCK LANE	1	347
HICKOX BOULEVARD	10	2,881
HINSDALE COURT	2	369
HUMPHREY ROAD	1	308
HYDE PARK DRIVE	3	738
HYDE PARK EASEMENT	1	274
ISAAC DRIVE	2	554

Collection System Jet Cleaning

MIDDLEBURG HEIGHTS

SANITARY

STREET	# of segments	Jet Ft
IVY LANE	24	4,704
KIWANIS DRIVE	5	1,193
LAKEVIEW TERRACE	6	743
LARES LANE	2	311
LAUREL TERRACE	2	318
LOGAN DRIVE	2	568
MALLARD COVE	2	495
MEADOWN LANE	8	1,081
MIDDLEBROOK BOULEVARD	22	6,201
MOHAWK TRAIL	13	3,186
MORNINGSIDE AVENUE	5	981
NANTUCKET LANE	12	1,218
NEWPORT LANE	3	374
NEWTON ROAD	23	4,154
NORTH PARKWAY DRIVE	2	158
OLD PLEASANT VALLEY ROAD	15	3,331
ORCHARD GROVE DRIVE	2	695
PAULA DRIVE	19	3,712
PEARL ROAD	36	9,332
PECAN OVAL	1	214
PINEVIEW COURT	3	768
PRIMROSE CIRCLE	8	747
QUARRYSTONE LANE	2	318
RAMONA DRIVE	6	1,302
ROBERT DRIVE	5	1,357
ROXBORO DRIVE	5	866
SANDALHAVEN DRIVE	6	1,798
SCENIC PARK OVAL	2	546
SENECA TRAIL	5	1,349
SHAWNEE TRAIL	9	2,712
SHELDON ROAD	21	5,701
SMITH ROAD	38	7,973
SOUTH PARKWAY DRIVE	3	323
SOUTHLAND DRIVE	5	1,013
SPRINGDALE ROAD	9	2,529
ST ANDREWS COURT	5	954
STROUD ROAD	5	1,601
UHLIN DRIVE	7	1,956

Collection System Jet Cleaning

MIDDLEBURG HEIGHTS

SANITARY

STREET	# of segments	Jet Ft
WEST 130 STREET	15	3,718
WHITE OAK CIRCLE	1	193
WINONA CIRCLE	3	421
WOOD CREEK DRIVE	7	1,231
SANITARY TOTAL:	646	144,406

STORM

STREET	# of segments	Jet Ft
BAGLEY ROAD	2	549
BEACHDELL DRIVE	1	365
BELFAIR DRIVE	6	1,256
BIG CREEK PARKWAY	7	1,681
BLUE SPRUCE OVAL	1	198
BUCKINGHAM COURT	2	227
CANTERBURY DRIVE	4	468
CLAREMONT AVENUE	14	2,443
COTTON WOOD OVAL	2	336
DARWIN PLACE	6	488
DOGWOOD CIRCLE	2	487
EATON COURT	1	60
ELISE DRIVE	3	586
ELMDALE ROAD	2	650
EMERALD POINT DRIVE	8	1,279
ENGLEWOOD DRIVE	1	193
FAIRWEATHER DRIVE	4	1,038
FOXGLOVE LANE	10	718
FRY ROAD	4	1,030
GALEMORE DRIVE	8	2,384
GILFORD LANE	9	907
GRANT BOULEVARD	1	35
HEATHER LANE	9	1,487
HEMLOCK LANE	2	478
HICKOX BOULEVARD	9	2,555
HUMPHREY TOAD	1	265
HYDE PARK DRIVE	4	763
IVY LANE	10	1,982
KINGMAN DRIVE	2	413

Street Count: 62

Collection System Jet Cleaning

MIDDLEBURG HEIGHTS

STORM

STREET	# of segments	Jet Ft
KIWANIS DRIVE	3	909
LAKE ABRAM DRIVE	1	587
LARES LANE	2	304
LOGAN DRIVE	1	206
MAUREEN DRIVE	4	1,071
MEADOWN LANE	6	1,050
MIDDLEBROOK BOULEVARD	17	4,610
MOHAWK TRAIL	22	4,365
NEWTON ROAD	18	4,304
NORTH PARKWAY	4	647
OLD PLEASANT VALLEY ROAD	2	391
PAULA DRIVE	17	3,530
PEARL ROAD	32	5,731
PECAN COURT	1	156
PINEVIEW COURT	4	758
QUARRYSTONE LANE	5	560
RAMONA DRIVE	6	1,290
ROBERT DRIVE	5	1,500
ROXBORO DRIVE	3	746
SANDALHAVEN DRIVE	6	1,777
SCENIC PARK OVAL	5	636
SENECA TRAIL	3	900
SHAWNEE TRAIL	15	4,574
SMITH ROAD	21	3,732
SOUTH PARKWAY	3	618
SOUTHLAND DRIVE	7	774
SPRINGDALE ROAD	12	2,176
ST ANDREWS COURT	7	599
UHLIN DRIVE	3	952
WEST 130 STREET	13	2,556
WHITE OAK CIRCLE	2	400
WINONA CIRCLE	4	497
WOOD CREEK DRIVE	5	1,280
STORM TOTAL:	394	79,512
GRAND TOTAL:	1,040	223,918



Community Streets Inspected*



Section A-2

*No service provided if section is blank

Collection System TV Inspection

MIDDLEBURG HEIGHTS

SANITARY

STREET	Street Count: 85	# of segments	TV FT
BAGLEY ROAD		28	7,213
BEACHDELL DRIVE		2	349
BELFAIR DRIVE		6	1,238
BELMEADOW DRIVE		5	875
BENEDICT DRIVE		3	1,160
BIG CREEK PARKWAY		32	7,990
BLUE SPRUCE OVAL		1	236
BUCKINGHAM COURT		2	298
CANTERBURY DRIVE		4	565
CLAREMONT AVENUE		15	2,745
COMSTOCK CIRCLE		1	574
COTTON WOOD OVAL		1	208
DARWIN PLACE		6	1,149
DOGWOOD CIRCLE		3	623
EAST BAGLEY ROAD		3	1,848
EATON COURT		1	294
EASTLAND ROAD		1	983
ELISE DRIVE		2	588
ELMDALE ROAD		12	2,461
EMERALD POINT ROAD		8	1,186
ENGLE ROAD		1	3,195
FAIRWEATHER DRIVE		6	1,299
FOREST OVAL		1	373
FOXGLOVE LANE		8	1,252
FOXHALL LANE		4	514
FRANKE ROAD		5	1,626
FRY ROAD		23	6,296
GALEMORE DRIVE		10	2,817
GILFORD LANE		5	895
HEATHER LANE		18	3,992
HEMLOCK LANE		1	347
HICKOX BOULEVARD		10	2,881
HINSDALE COURT		2	369
HUMPHREY ROAD		1	308
HYDE PARK DRIVE		3	738
ISAAC DRIVE		1	552
IVY LANE		24	4,704
JEFFERSON PARK ROAD		1	719

Collection System TV Inspection

MIDDLEBURG HEIGHTS

SANITARY

STREET	# of segments	TV FT
KIWANIS DRIVE	5	1,193
LAKE ABRAM DRIVE	1	124
LAKEVIEW TERRACE	6	743
LARES LANE	2	311
LAUREL TERRACE	2	318
LAWNDALE DRIVE	2	691
LOGAN DRIVE	2	568
MALLARD COVE	1	477
MEADOWN LANE	8	1,081
MIDDLEBROOK BOULEVARD	23	6,501
MOHAWK TRAIL	13	3,186
MORNINGSIDE AVENUE	5	981
NANTUCKET LANE	12	1,218
NARRAGANSETT OVAL	3	290
NETHERSOLE DRIVE	2	429
NEWPORT LANE	3	374
NEWTON ROAD	23	4,154
NORTH PARKWAY DRIVE	2	158
OLD PLEASANT VALLEY ROAD	9	2,637
ORCHARD GROVE DRIVE	2	695
PAULA DRIVE	19	3,712
PEARL ROAD	38	9,675
PECAN OVAL	1	214
PINEVIEW COURT	3	768
PRIMROSE CIRCLE	8	747
PLEASANT VALLEY ROAD	7	933
QUARRYSTONE LANE	2	318
RAMONA DRIVE	6	1,302
ROBERT DRIVE	5	1,357
ROSBOUGH DRIVE	1	681
ROXBORO DRIVE	5	866
SANDALHAVEN DRIVE	6	1,798
SCENIC PARK OVAL	2	546
SENECA TRAIL	5	1,349
SHAWNEE TRAIL	9	2,712
SHELDON ROAD	10	6,231
SMITH ROAD	38	7,973
SOUTH PARKWAY DRIVE	3	323
SOUTHLAND DRIVE	5	1,013

Collection System TV Inspection

MIDDLEBURG HEIGHTS

SANITARY

STREET	# of segments	TV FT
SPRINGDALE ROAD	9	2,529
ST ANDREWS COURT	5	954
STROUD ROAD	5	1,601
UHLIN DRIVE	7	1,956
WEST 130 STREET	13	3,169
WHITE OAK CIRCLE	1	193
WINONA CIRCLE	3	421
WOOD CREEK DRIVE	7	1,231
SANITARY TOTAL:	609	146,156

STORM

STREET	# of segments	TV FT
ALAN PARKWAY	1	100
BAGLEY ROAD	2	482
BEACHDELL DRIVE	1	365
BELFAIR DRIVE	6	1,256
BIG CREEK PARKWAY	6	1,397
BLUE SPRUCE OVAL	1	198
BUCKINGHAM COURT	2	227
CANTERBURY DRIVE	4	467
CLAREMONT AVENUE	14	2,443
COTTON WOOD OVAL	2	336
DARWIN PLACE	6	488
DOGWOOD CIRCLE	2	487
EATON COURT	1	60
ELISE DRIVE	3	586
ELMDALE ROAD	3	1,006
EMERALD POINT ROAD	8	1,279
FAIRWEATHER DRIVE	4	1,038
FOXGLOVE LANE	10	718
FOWLES EASEMENT	1	373
FOWLES ROAD	1	350
FRANKE ROAD	2	350
FRY ROAD	4	1,030
GALEMORE DRIVE	8	2,384
GILFORD LANE	9	907
HEATHER LANE	9	1,487
HEMLOCK LANE	2	478
HICKOX BOULEVARD	9	2,555

Street Count: 66

Collection System TV Inspection

MIDDLEBURG HEIGHTS

STORM

STREET	# of segments	TV FT
HUMPHREY ROAD	1	265
HYDE PARK DRIVE	3	568
IVY LANE	10	1,982
KINGMAN DRIVE	2	413
KIWANIS DRIVE	3	909
LARES LANE	2	304
LOGAN DRIVE	1	206
MAUREEN DRIVE	4	1,071
MEADOW LANE	6	1,050
MIDDLEBROOK BOULEVARD	17	4,610
MOHAWK TRAIL	22	4,365
NETHERSOLE DRIVE	2	429
NEWTON ROAD	18	4,304
NORTH PARKWAY	4	647
OLD PLEASANT VALLEY ROAD	2	391
PAULA DRIVE	17	3,530
PEARL ROAD	32	5,731
PECAN COURT	1	156
PINEVIEW COURT	4	758
QUARRYSTONE LANE	5	560
RAMONA DRIVE	6	1,290
ROBERT DRIVE	5	1,500
ROXBORO DRIVE	3	746
SANDALHAVEN DRIVE	6	1,777
SCENIC PARK OVAL	5	636
SENECA TRAIL	3	900
SHAWNEE TRAIL	15	4,574
SMITH ROAD	21	3,732
SOUTH PARKWAY	3	618
SOUTHLAND DRIVE	7	774
SPRINGDALE ROAD	12	2,176
ST ANDREWS COURT	7	599
UHLIN DRIVE	3	952
WEST 130 STREET	12	2,491
WHITE OAK CIRLCE	2	400
WINONA CIRLE	4	497
WOOD CREEK DRIVE	5	1,280
STORM TOTAL:	396	80,044
GRAND TOTAL:	1,005	226,200



Plan Approvals*



Section A-3

*No service provided if section is blank

Middleburg Heights Plan Approvals

Project ID	Project Name	Approval Date
17-053	Ganley Collision Center (6976 Pearl Rd)	2-Jan-2018
16-025 (2)	Alliance Hospitality (Retail Bldg.)	2-Jan-2018

Service Program Summary*



Section A-4

*No service provided if section is blank

City of Middleburg Heights

<u>Type</u>	<u>Community Total</u>
Sanitary Sewers	372,134 Feet
Manholes	1,511 (Approximately)

2018 Service Program

<u>Program</u>	<u>2018 Activity</u>
1) High Pressure Jet Cleaning Sanitary – 144,406 Feet Storm – 79,512 Feet	223,918 Feet
2) House Service	655 Calls
3) Television Inspection Sanitary – 146,156 Feet Storm – 80,044 Feet	226,200 Feet
4) Construction Activities	163 Job(s)
5) Dye Testing	5 Test(s)
6) Construction Permits Issued (Commercial) (Residential)	4 17
7) Plan Approvals	2 Plan(s)
8) Construction Inspection a) Main Lines Inspected b) Public R.O.W. Service Laterals c) Commercial/Residential Service Laterals	- Feet - Feet 5,995 Feet
9) Catch Basins Cleaned	6

Community Operating Expenses*



Section A-5

*No service provided if section is blank

City of Middleburg Heights

2018 Operating Expenses

<u>Activity</u>	<u>Cost</u>
1. Maintenance of Sanitary Sewerage Systems	\$671,027
2. Pump Station Operation and Maintenance	\$ 0
3. Waste Water Treatment Plant Maintenance	\$ 0
4. Engineering and/or Inspection	\$66,049
5. Capital Expenses (See Section A-6 if any)	\$ 0
Total Operating Expenses:	\$737,076

Community Capital Expenses*



Section A-6

*No service provided if section is blank



CONTACT INFORMATION

Cuyahoga County Department of Public Works
6100 West Canal Road
Valley View, OH 44125

Email: Publicworks@cuyahogacounty.us

Website: Publicworks.cuyahogacounty.us

Michael W. Dever, MPA	Director of Public Works
David E. Marquard, P.E., P.S.	Design & Construction Administrator
Michael W. Chambers, CPA	Finance & Operations Administrator
Brian Stapleton	Deputy Chief of Maintenance
Bryan J. Hitch	Sewer Maintenance Superintendent
Hugh Blocksidge P.E.	Chief Engineer Sewer Operations



Department of Public Works Administrative Headquarters
2079 East Ninth Street- 5th Floor
Cleveland, Ohio 44115

Dispatch Office	(216) 443-8201
Dispatch Email	PWDispatch@cuyahogacounty.us
Administration	(216) 348-3867
Inspection & Permits	(216) 443-8209
Sewer Maintenance	Gary Green, Senior Supervisor(216) 443-8225
Sewer Maintenance	John Gribble, Senior Supervisor(216) 443-8227
Lateral Services	Suzanne Britt, Supervisor(216) 443-3553
Construction (EAST)	Dave Novak, Supervisor(216) 348-4238
Construction (WEST)	Brandon Skufca, Supervisor(216) 443-8226
Sewer Jetting	Tom Noy, Supervisor(216) 348-3901
Televised Inspection	Todd Swindell, Supervisor(216) 443-8224
Pump Station Operations	William Applegarth, Supervisor(216) 443-8295
Sewer Maintenance	Don Cox, Supervisor(216) 698-8482
Sewer Maintenance	Patrick Mauk, Supervisor(216) 348-3849
Sewer Maintenance	Lyle Plummer, Supervisor(216) 443-6174

Cuyahoga County

Department of Public Works

2079 East Ninth Street | Cleveland, OH 44115 | 216.348.3800



Cuyahoga County
Together We Thrive