



# Public Works Commission

## Application for Financial Assistance

**IMPORTANT:** Please consult "Instructions for Financial Assistance for Capital Infrastructure Projects" for guidance in completion of this form.

<b>Applicant</b>	Applicant: _____	Subdivision Code: _____
	District Number: _____ County: _____	Date: _____
	Contact: _____ <small>(The individual who will be available during business hours and who can best answer or coordinate the response to questions)</small>	Phone: _____
	Email: _____	FAX: _____

<b>Project</b>	Project Name: _____	Zip Code: _____	
	<b>Subdivision Type</b>	<b>Project Type</b>	<b>Funding Request Summary</b>
	_____	<small>(Select single largest component by \$)</small>	<small>(Automatically populates from page 2)</small>
	SFN	1. Road	Total Project Cost: _____ .00
	_____	2. Bridge/Culvert	1. Grant: _____ .00
	_____	3. Water Supply	2. Loan: _____ .00
_____	4. Wastewater	3. Loan Assistance/ Credit Enhancement: _____ .00	
_____	5. Solid Waste		
_____	6. Stormwater	Funding Requested: _____ .00	

### District Recommendation (To be completed by the District Committee)

<u>Funding Type Requested</u> <small>(Select one)</small>	SCIP Loan - Rate: _____ % Term: _____ Yrs	Amount: _____ .00
State Capital Improvement Program	RLP Loan - Rate: _____ % Term: _____ Yrs	Amount: _____ .00
Local Transportation Improvement Program	Grant:	Amount: _____ .00
Revolving Loan Program	LTIP:	Amount: _____ .00
Small Government Program	Loan Assistance / Credit Enhancement:	Amount: _____ .00
District SG Priority: _____		

### For OPWC Use Only

<u>STATUS</u>	Grant Amount: _____ .00	Loan Type: <input type="checkbox"/> SCIP <input type="checkbox"/> RLP
Project Number: _____	Loan Amount: _____ .00	Date Construction End: _____
_____	Total Funding: _____ .00	Date Maturity: _____
Release Date: _____	Local Participation: _____ %	Rate: _____ %
OPWC Approval: _____	OPWC Participation: _____ %	Term: _____ Yrs

# 1.0 Project Financial Information (All Costs Rounded to Nearest Dollar)

## 1.1 Project Estimated Costs

### Engineering Services

Preliminary / Final Design: \_\_\_\_\_ .00  
Construction Administration: \_\_\_\_\_ .00  
Total Engineering Services: a.) \_\_\_\_\_ .00 \_\_\_\_\_ %  
Right of Way: b.) \_\_\_\_\_ .00  
Construction: c.) \_\_\_\_\_ .00  
Permits, Advertising, Legal: e.) \_\_\_\_\_ .00  
Construction Contingencies: f.) \_\_\_\_\_ .00  
Total Estimated Costs: g.) \_\_\_\_\_ .00

## 1.2 Project Financial Resources

### Local Resources

Local In-Kind or Force Account: a.) \_\_\_\_\_ .00  
Local Revenues: b.) \_\_\_\_\_ .00  
Other Public Revenues:  
Local / ODOT - Let: \_\_\_\_\_ d.) \_\_\_\_\_ .00  
ODOT PID: \_\_\_\_\_  
OEPA / OWDA: e.) \_\_\_\_\_ .00  
CDBG: f.) \_\_\_\_\_ .00  
Other: \_\_\_\_\_ g.) \_\_\_\_\_ .00  
Subtotal Local Resources: i.) \_\_\_\_\_ .00 \_\_\_\_\_ %

### OPWC Funds (Check all requested and enter Amount)

Grant: \_\_\_\_\_ % of OPWC Funds j.) \_\_\_\_\_ .00  
Loan: \_\_\_\_\_ % of OPWC Funds k.) \_\_\_\_\_ .00 \_\_\_\_\_ yrs  
Loan Assistance / Credit Enhancement: l.) \_\_\_\_\_ .00  
Subtotal OPWC Funds: m.) \_\_\_\_\_ .00 \_\_\_\_\_ %  
Total Financial Resources: n.) \_\_\_\_\_ .00 \_\_\_\_\_ %



### 4.3 Project Description

A: SPECIFIC LOCATION (Supply a written location description that includes the project termini; a map does not replace this requirement.) 2000 character limit.

B: IDENTIFY THE PROBLEM (Describe the issue to be addressed) 2000 character limit.

C: PROJECT SCOPE (Describe the work to be completed) 2000 character limit.

D. How do you intend to promote this project? 1000 character limit.

E: Additional Notes From Applicant - 1000 character limit.



## 5.0 Project Officials

Changes in Project Officials must be submitted in writing from an officer of record.

### 5.1 Chief Executive Officer (Person authorized in legislation to sign project agreements)

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

FAX: \_\_\_\_\_

E-Mail: \_\_\_\_\_

### 5.2 Chief Financial Officer (Can not also serve as CEO)

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

FAX: \_\_\_\_\_

E-Mail: \_\_\_\_\_

### 5.3 Project Manager

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

FAX: \_\_\_\_\_

E-Mail: \_\_\_\_\_

## 6.0 Attachments / Completeness review

Confirm in the boxes below that each item listed is attached (Check each box)

A certified copy of the legislation by the governing body of the applicant authorizing a designated official to sign and submit this application and execute contracts. This individual should sign under 7.0, Applicant Certification, below.

A certification signed by the applicant's chief financial officer stating the amount of all local share funds required for the project will be available on or before the dates listed in the Project Schedule section. If the application involves a request for loan (RLP or SCIP), a certification signed by the CFO which identifies a specific revenue source for repaying the loan also must be attached. Both certifications can be accomplished in the same letter.

A registered professional engineer's detailed cost estimate and useful life statement, as required in 164-1-13, 164-1-14, and 164-1-16 of the Ohio Administrative Code. Estimates shall contain an engineer's seal or stamp and signature.

A cooperative agreement (if the project involves more than one subdivision or district) which identifies the fiscal and administrative responsibilities of each participant.

Farmland Preservation Review - The Governor's Executive Order 98-IIV, "Ohio Farmland Protection Policy" requires the Commission to establish guidelines on how it will take protection of productive agricultural and grazing land into account in its funding decision making process. Please include a Farm Land Preservation statement for projects that have an impact on farmland.

Capital Improvements Report. CIR Required by O.R.C. Chapter 164.06 on standard form.

Supporting Documentation: Materials such as additional project description, photographs, economic impact (temporary and/or full time jobs likely to be created as a result of the project), accident reports, impact on school zones, and other information to assist your district committee in ranking your project. Be sure to include supplements which may be required by your local District Public Works Integrating Committee.

## 7.0 Applicant Certification

The undersigned certifies: (1) he/she is legally authorized to request and accept financial assistance from the Ohio Public Works Commission as identified in the attached legislation; (2) to the best of his/her knowledge and belief, all representations that are part of this application are true and correct; (3) all official documents and commitments of the applicant that are part of this application have been duly authorized by the governing body of the applicant; and, (4) should the requested financial assistance be provided, that in the execution of this project, the applicant will comply with all assurances required by Ohio Law, including those involving Buy Ohio and prevailing wages.

**Applicant certifies that physical construction on the project as defined in the application has NOT begun, and will not begin until a Project Agreement for this project has been executed with the Ohio Public Works Commission. Action to the contrary will result in termination of the agreement and withdrawal of Ohio Public Works Commission funding from the project.**

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Certifying Representative (Printed form, Type or Print Name and Title)

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Original Signature / Date Signed

**RESOLUTION NO. 23-1076  
AUGUST 15, 2023**

**RESOLUTION AUTHORIZING THE MONTGOMERY COUNTY ENVIRONMENTAL SERVICES DEPARTMENT TO PREPARE AND SUBMIT AN APPLICATION TO PARTICIPATE IN THE OHIO PUBLIC WORKS COMMISSION STATE CAPITAL IMPROVEMENT PROGRAM AND TO EXECUTE CONTRACTS AS REQUIRED FOR A GRANT/LOAN IN THE AMOUNT OF \$500,000.00 FOR THE PROJECT NO. 130054-114, RAHN ROAD WATER MAIN REPLACEMENT.**

WHEREAS, Michael B. Colbert, County Administrator, is authorized as the appropriate signature to sign any contracts or other OPWC required documents for the Rahn Road Water Main Replacement project; and

WHEREAS, the State Capital Improvement Program provides financial assistance to political subdivisions for capital improvements to public infrastructure; and

WHEREAS, the Montgomery County Environmental Services Department is planning to make capital improvements with Rahn Road Water Main Replacement project.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Montgomery County, Ohio, that a resolution authorizing the transmittal of the application and the entering into of any agreements as may be necessary and appropriate for obtaining OPWC funds in the amount of \$500,000.00 as described above for the Project No. 130054-114, Rahn Road Water Main Replacement project be and is hereby approved.

BE IT FURTHER RESOLVED that the Clerk of Commission certify this resolution and make an imaged copy of this resolution available on the Montgomery County, Ohio website at <http://www.mcohio.org>.

RESOLUTION NO: 23-1076  
AUGUST 15, 2023

**CERTIFICATE**

Mrs. Rice moved the adoption of the foregoing resolution. It was seconded by Ms. Dodge, and upon call of the roll the following vote resulted:

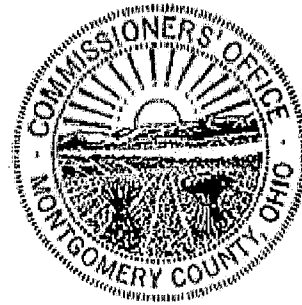
Mrs. Rice, aye; Ms. Dodge, aye; Mrs. Lieberman, aye: Carried.



I hereby certify that the foregoing is a true and correct copy of a resolution duly adopted by the Board of County Commissioners of Montgomery County, Ohio, on the 15th day of August, 2023.

THE BOARD OF COUNTY COMMISSIONERS HEREBY FINDS AND DETERMINES THAT ALL FORMAL ACTIONS RELATIVE TO THE ADOPTION OF THIS RESOLUTION WERE TAKEN IN AN OPEN MEETING OF THIS BOARD OF COUNTY COMMISSIONERS, AND THAT ALL DELIBERATIONS OF THIS BOARD OF COUNTY COMMISSIONERS, AND OF ITS COMMITTEES, IF ANY WHICH RESULTED IN FORMAL ACTION, WERE TAKEN IN MEETINGS OPEN TO THE PUBLIC, IN FULL COMPLIANCE WITH APPLICABLE LEGAL REQUIREMENTS, INCLUDING SECTION 121.22 OF THE REVISED CODE.

Emily Bradford, Clerk  
Board of County Commissioners  
Montgomery County, Ohio





DEPARTMENT OF ENVIRONMENTAL SERVICES

MONTGOMERY COUNTY  
ENVIRONMENTAL SERVICES

1850 Spaulding Road  
Kettering, Ohio 45432  
937-781-2500

[www.mcoho.org/water](http://www.mcoho.org/water)  
[www.mcswd.org](http://www.mcswd.org)

COUNTY COMMISSIONERS

Judy Dodge  
Carolyn Rice  
Deborah A. Lieberman

COUNTY ADMINISTRATOR

Michael B. Colbert

DEPARTMENT DIRECTOR

Matthew Hilliard

August 4, 2023

I, Financial Services Manager of Montgomery County Environmental Services, hereby certify that Montgomery County, Ohio has the amount of \$846,629.97 in the Water Fund and that this amount will be used to pay the local share for the Rahn Road Water Main Replacement Project when it is required.

I, Financial Services Manager of Montgomery County Environmental Services, hereby certify that Montgomery County, Ohio has / will have / will collect the amount of \$250,000.00 in the Water Fund and that this amount will be used to repay the Ohio Public Works Commission SCIP or RLP loan requested for the Rahn Road Water Main Replacement Project over a 20 year term.

Vijay Chitkara, Financial Services Manager



**CHIEF FINANCIAL OFFICER'S CERTIFICATION OF LOCAL FUNDS**

August , 2023

I, Gary Smiga, Fiscal Officer of Washington Township, Ohio, hereby certify that Washington Township has the amount of \$90,975.00 in the Road and Bridge Fund and that this amount will be used to pay the local share for the OPWC project, Rahn Road Water Main Replacement, when it is required. The amount of payment is based on the cooperative agreement and current estimates of cost.

\_\_\_\_\_  
Gary Smiga, Fiscal Officer  
Washington Township, Montgomery County, Ohio



**WASHINGTON  
TOWNSHIP**

Welcome To More

**Board of Trustees**

Dale M. Berry  
Sharon A. Lowry  
Scott R. Paulson  
Gary P. Smiga, Fiscal Officer  
Mike Thonnerieux, Township Administrator

**Washington Township**

8200 McEwen Road  
Washington Township, OH 45458  
Hours: M-F 8 am to 4:30 pm

P: (937) 433-0152

F: (937) 438-2752

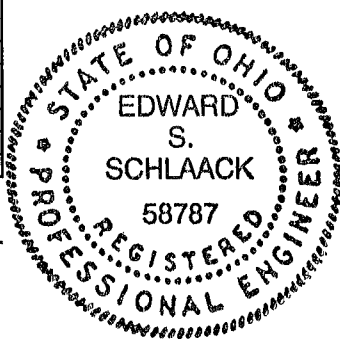
W: [washingtontwp.org](http://washingtontwp.org)

**RAHN ROAD WATER MAIN REPLACEMENT- ESTIMATE**

ITEM	ESTIMATED QUANTITIES (A)	UNITS (B)	ENGINEER'S ESTIMATE	
			TOTAL UNIT	TOTAL ITEM (D=AxC)
<b>GENERAL</b>				
Mobilization	1	LS	\$ 55,000.00	\$ 55,000.00
SHEETING & SHORING	NOT USED			
ROCK EXCAVATION	NOT USED			
UNSUITABLE SOIL	NOT USED			
<b>PRESSURE PIPE &amp; SERVICES</b>				
Install Gate Vales and Boxes				
8" Gate Valve and Box	8	EA	\$ 4,060.00	\$ 32,480.00
6" Gate Valve and Box	8	EA	\$ 2,135.00	\$ 17,080.00
Fire Hydrant				
Furnish and Install Fire Hydrant With 4" Storz Connections, Including Excavation, Backfill, and Restoration	8	EA	\$ 5,220.00	\$ 41,760.00
Pressure Water Service Line				
Accessories and Taps				
1" Curb Stop and Curb Box, Including Restoration	21	EA	\$ 660.00	\$ 13,860.00
1" Service Tap and Corporation Stop	21	EA	\$ 550.00	\$ 11,550.00
1" Test Tap Including Corporation Stop and Removal	3	EA	\$ 800.00	\$ 2,400.00
Water Service Pipe				
1" Copper Service Line	580	LF	\$ 85.00	\$ 49,300.00
Pressure Water Main				
Pipe				
Furnish and Install 8" AWWA C 151, Class 51, Ductile Iron, Polywrapped Pipe, with Granular Backfill, Including Compaction and Disposal of Excavated Material	2,400	LF	\$ 145.00	\$ 348,000.00
Furnish and Install 4" or 6" AWWA C 151, Class 51, Ductile Iron, Polywrapped Pipe, with Granular Backfill, Including Compaction and Disposal of Excavated Material	20	LF	\$ 200.00	\$ 4,000.00
Furnish and Install 6" Fire Hydrant Anchor Pipe, Polywrapped Pipe, with Granular Backfill, Including Compaction and Disposal of Excavated Material	120	LF	\$ 230.00	\$ 27,600.00
<b>GRAVITY PIPE &amp; SERVICES (SEWER)</b>				
4" PVC ASTM D-3034 SDR 26, Including All Restoration	40	LF	\$ 50.00	\$ 2,000.00
6" PVC ASTM D-3034 SDR 26, Including All Restoration	40	LF	\$ 60.00	\$ 2,400.00
<b>LUMP SUM ITEMS</b>				
Traffic Control	1	LS	\$ 25,000.00	\$ 25,000.00
<b>RESTORATION</b>				
Trench Restoration Per Foot of Trench	2,470	LF	\$ 88.00	\$ 217,360.00
Seeding and Mulching (for Fire Hydrant Branch lines and Main Line)	120	LF	\$ 13.50	\$ 1,620.00
<b>MISCELLANEOUS CONSTRUCTION</b>				
Furnish and Install 6"X 6" or 4" X 4" Tapping Sleeve and Valve with Box, Including All Work to Connect to Existing Water Line	2	EA	\$ 5,150.00	\$ 10,300.00
Furnish and Install 12" X 8" Tapping Sleeve and Valve with Box, Including All Work to Connect to Existing Water Line	1	EA	\$ 11,600.00	\$ 11,600.00
Connect to Existing Tee	1	EA	\$ 3,000.00	\$ 3,000.00
Remove Fire Hydrant and Cap line, Backfill w/ Granular Backfill and Green Space Restoration	3	EA	\$ 750.00	\$ 2,250.00
Remove Valve Boxes (top section) and Valves (if required) Restoration of Pavement or Greenspace Included	10	EA	\$ 470.00	\$ 4,700.00
Full Depth Pavement Sawing	5,000	LF	\$ 2.20	\$ 11,000.00
12" Cut & Plug Type 1	1	EA	\$ 4,500.00	\$ 4,500.00
6" Cut & Plug Type 3	3	EA	\$ 3,000.00	\$ 9,000.00

Subtotal	\$ 907,760.00
MCES ~9% Contingency	\$ 79,000.00
MCES Total Construction	\$ 986,760.00
Engineering	\$ 79,000.00
Street Mill & Overlay	\$ 121,845.00
Project Total	\$ 1,187,605.00

*Edward S. Schlaack*  
Signed



Prepared by Edward S. Schlaack, P.E.

Date: July 27, 2023

**Rahn Road Water Main Replacement**

A weighted useful life statement stamped/sealed and signed by a licensed professional engineer must be included with the project application.

This spreadsheet has formulas to make a weighted useful life calculation and is populated with an example for illustrative purposes. Items can be added to column a.

**Weighted Useful Life & Design Service Capacity Calculations**

Major Component	Cost (\$1,000)	Portion Repair / Replacement (%)	Repair / Replace Product	Useful Life (Years)	Useful Life Product
Full-depth road construction w/ drainage				25	
Full-depth road construction w/o drainage				25	
Partial-depth road construction w/ drainage				15	
Partial-depth road construction w/o drainage	121.845	100	12184.5	15	1827.675
Storm Sewers		100		40	
Sanitary Sewers		100		40	
Water Lines	986.76	100	98676	40	39470.4
Bridge				75	
Pumps, Lift Stations				15	
Sidewalks		100		25	
Bike Facility		100		7	

<b>Totals</b>	<b>1108.605</b>		<b>110860.5</b>		<b>41298.08</b>
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Weighted Useful Life: 37.3 Years

Design Service Capacity (Project Application, Section 2.0):

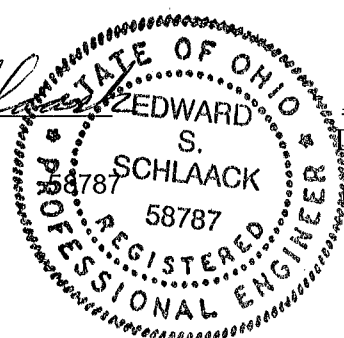
Portion Repair / Replace 100 %  
 Portion New / Expansion %

**USEFUL LIFE CERTIFICATION**

I hereby certify that this project has an expected useful life of normal usage in this specific situation; in evidence, whereof, I have set my signature and seal as of this date.

*Edward S. Schlaack*  
 Edward S. Schlaack, P.E.  
 Ohio Engineer's License # 58787

August 1, 2023  
 Date





# OHIO PUBLIC WORKS COMMISSION

## DISTRICT 4

### FY25 Supplemental Questionnaire

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**Applicant:** Montgomery County, Ohio

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**Project Title:** Rahn Road Water Main Replacement

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#### Application Summary:

**Briefly describe the project:**

This project will replace 6" cast iron water main installed in 1951 on portions of Rahn Road and all of Silbury Lane and Camellia Place in the Washington Township, Montgomery County, Ohio with 8" ductile cast iron water main with all appurtenances. The project will also remove old fire hydrants and replace them with new hydrants with closer spacing. The main is being replaced due to excessive breaks and has exceeded its useful life. The main being replaced has broken at a rate of 9.42/1000'.

All water service lines will be replaced to residences up to the property line or existing curb stop with copper water services. This is a potential lead service area. Lead services will be mandated by the OEPA to be replaced.

OWDA will also be funding this project.

### Priority:

<b>Is this application your priority project? (Circle One)</b>	
Yes <input type="radio"/>	No <input checked="" type="radio"/>

### Generation of Revenue:

<b>Will new user fees or assessments be assessed as part of this project? (Circle One)</b>	
Yes <input type="radio"/>	No <input checked="" type="radio"/>
<b>What will the new user fees or assessments be used for?</b>	

### Additional Funding:

<b>Will OPWC match, in part, a committed grant or loan? (Circle One)</b>	
Yes <input checked="" type="radio"/>	No <input type="radio"/>
<b>If no, was the project submitted to an appropriate agency for funding, but denied due to lack of funding? (Circle One)</b>	
Yes – Appropriate Documentation Attached <input type="radio"/>	No <input checked="" type="radio"/>

### Readiness of Project:

<b>Will this project be <u>substantially</u> underway on or before June 1, 2025? (Circle One)</b>	
Yes <input checked="" type="radio"/>	No <input type="radio"/>

### Health & Safety:

<b>Describe the specific health or safety issue being addressed by this project. What deficiency or condition is causing the health or safety issue?</b>
<p>There have been 9.42 breaks per 1000' on the water main being replaced, Main breaks cause a reliability issue due to outages and potential contamination of the main during the break. Breaks require a boil notice to be implemented after the main is back on line. This project will also replace any, public, potential lead services within the project area.</p>

## Addresses District Infrastructure Needs:

<b>Is this project located in more than one community? (Circle One)</b>		
Yes <input type="radio"/>		No <input checked="" type="radio"/>
<b>What percentage of the community will be served by this project? (Circle One)</b>		
Less than 25% <input checked="" type="radio"/>	25% to 40% <input type="radio"/>	More than 40% <input type="radio"/>

## Economic Development

<b>How many jobs are being created as a result of this project?</b>	0
<b>How many jobs will be retained as a result of this project?</b>	0
<b>Why is it necessary to fund this improvement to secure this development?</b>	
N/A	
<b>What type of industry is proposed in this development?</b>	
N/A	

## Relieve Existing Traffic Congestion:

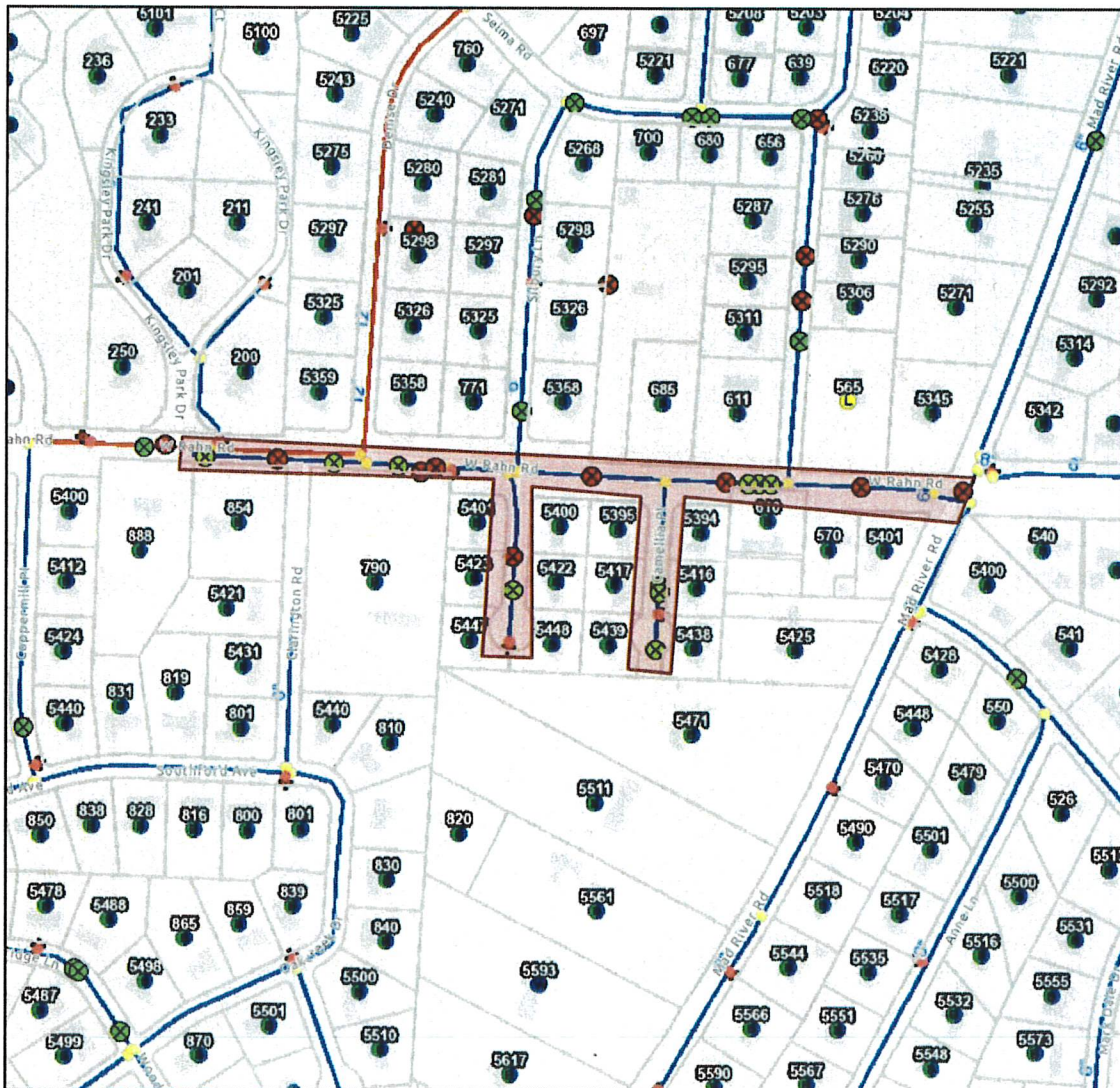
<b>What is the level of service?</b>	N/A
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## Other Factors

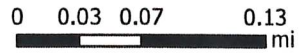
**What other factors exist that make this project more important than other like projects?**

All water service lines will be replaced to residences up to the property line or existing curb stop with copper water services. This is a potential lead service area. Lead services will be mandated by the OEPA to be replaced.

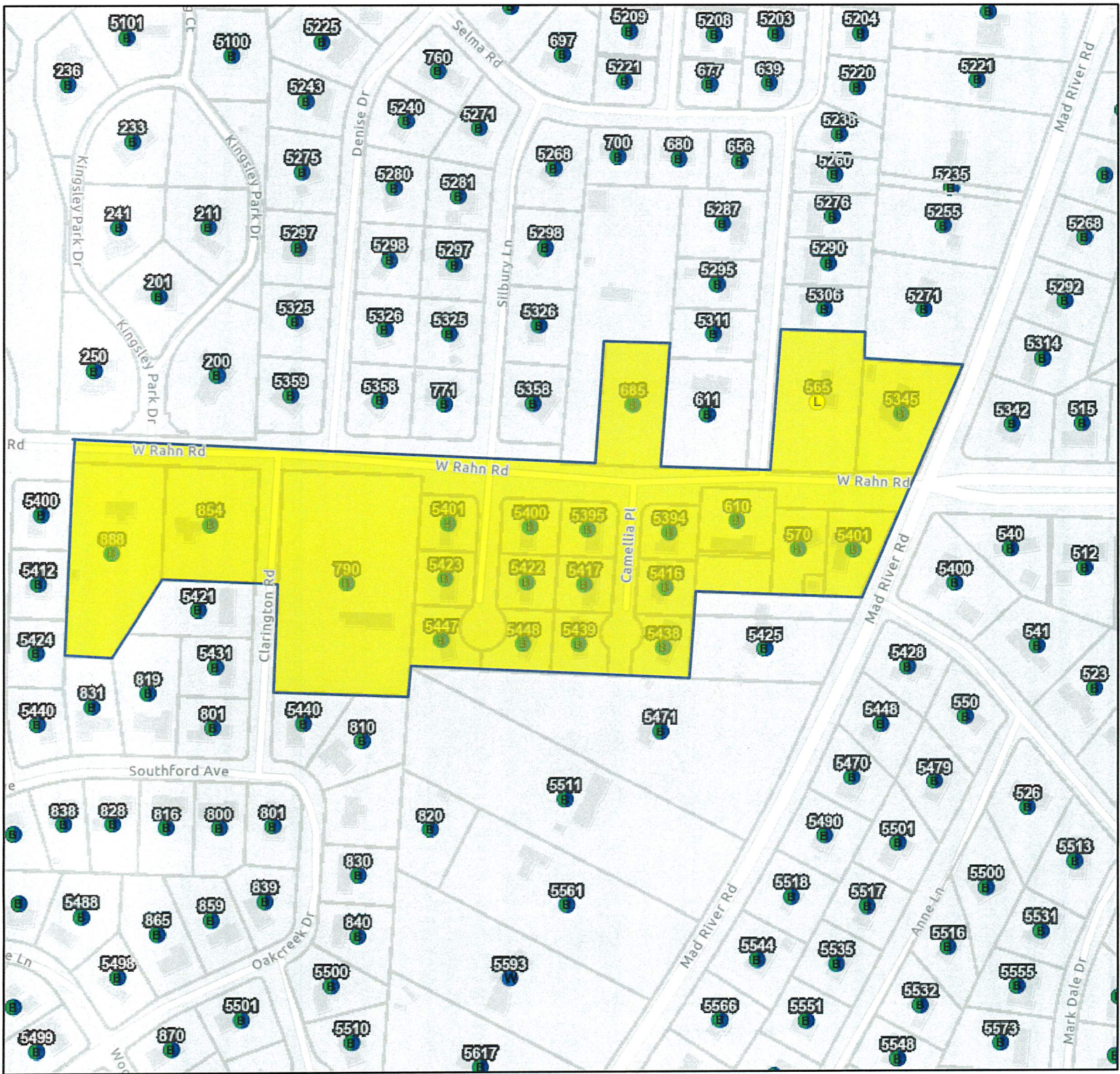
## Rahn Road WMR Vicinity Map



- Warren County
- Montgomery County
- Location Pt by Water or Sewer
  - Water and Sewer
  - Water Only
  - Sewer Only
  - Inactive
- Customer
  - Cityworks Repair Water Main Break
  - GeoChopper Water Main Breaks
- Water Main
  - Hydrant/Line
  - Blowoff, Distribution/Main, Interconnect
  - Wireline
  - MCS Out of Service
  - Vertical Water Main
- Water Network Structure
  - Elevated Storage Tank
  - Production Well
  - Pump Station
  - Reservoir Storage Tank
  - Storagetop Storage Tank
- Water Control Valve
  - AirRelease, In-Service/Active
  - Backflow/Prevention, In-Service/Active
  - Blowoff, In-Service/Active
  - Pressure/Reduction, In-Service/Active
  - Link\_Control/Valve, In-Service/Active
- Water Sampling Station
  - In-Service/Active
  - Standby/Out of Service
  - PFAS Sample Station
- Water Hydrant
  - MCS Special Use Hydrant/ In-Service
  - Not MCS Special Use Hydrant/ In-Service
  - MCS Standard Hydrant/ In-Service
  - MCS Standard Hydrant/ Out of Service
  - NOT MCS Water System Valve
- Water System Valve
  - all other valves
  - Distribution Valve
  - Distribution Valve - Left Handed
  - Firehydrant Valve
  - Firehydrant Valve - Left Handed
  - System Divisional Valve
  - System Divisional Valve - Left Handed
- Proposed Water Network Structure
  - Proposed Storage Tank
  - Proposed Pump Station
  - Proposed Water Hydrant Line
- Proposed Water Main
  - Proposed 8" Fire Line
  - Proposed 10" Fire Line
  - Proposed 12" Fire Line
  - Proposed 18" Water Main
  - Proposed 24" Water Main
  - Proposed 30" Water Main
  - Proposed 36" Water Main
  - Proposed 42" Water Main



Date Printed: 7/3/2023



- Warren County
- Montgomery County
- S <all other values>

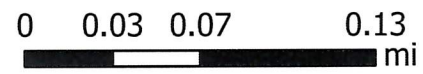
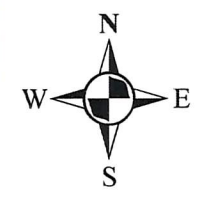
**Location Pt by Water or Sewer**

- S Water and Sewer
- W Water Only
- S Sewer Only
- L Inactive

**Critical Customer**

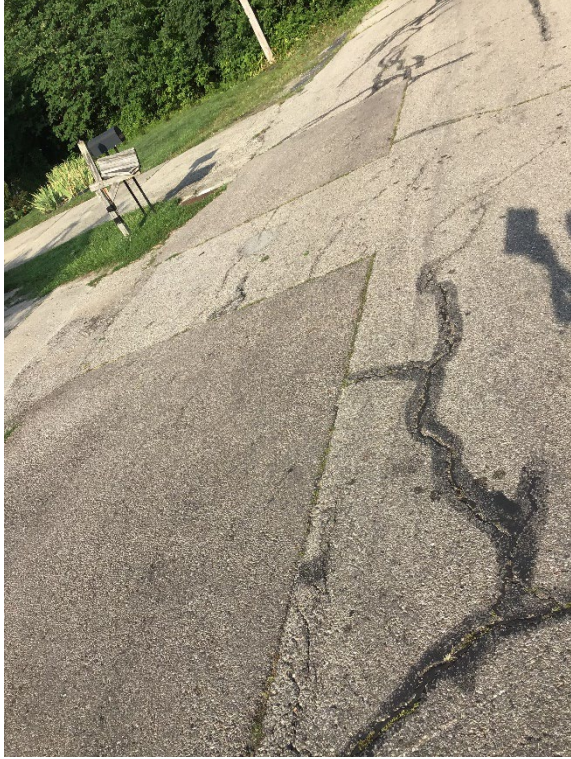
- CRIT
- PRTY

Address Labels



### Rahn Road WMR Addresses

LOCATION	PARCELID
565 W RAHN RD	O67 03712 0070
5345 MAD RIVER RD	O67 18504 0006
5448 SILBURY LN	O67 18510 0003
5447 SILBURY LN	O67 18510 0004
5423 SILBURY LN	O67 18510 0005
5422 SILBURY LN	O67 18510 0002
5401 SILBURY LN	O67 18510 0006
5400 SILBURY LN	O67 18510 0001
5439 CAMELLIA PL	O67 21412 0004
5438 CAMELLIA PL	O67 21412 0003
5417 CAMELLIA PL	O67 21412 0005
5416 CAMELLIA PL	O67 21412 0002
5395 CAMELLIA PL	O67 21412 0006
5394 CAMELLIA PL	O67 21412 0001
888 W RAHN RD	O67 03712 0095
854 W RAHN RD	O67 03712 0120
790 W RAHN RD	O67 03712 0094
685 W RAHN RD	O67 03712 0080
610 W RAHN RD	O67 03712 0112
570 W RAHN RD	O67 21407 0002
5401 MAD RIVER RD	O67 21407 0001



**Annapolis Ave patches, facing west**  
Natchez, Annapolis, Nevada WMR Project



**Natchez Ave patch, facing east**  
Natchez, Annapolis, Nevada WMR Project





**Natchez Ave patch, facing east**

Natchez, Annapolis, Nevada WMR Project



**Nevada Ave patch, facing east**

Natchez, Annapolis, Nevada WMR Project



**Brandt Pike patches, all facing northeast**

Brandt Pike WMR Project



**Eldorado Ave patches, facing west**

Eldorado, Imperial, Dexter WMR Project



**Dexter Ave patches, facing west**

Eldorado, Imperial, Dexter WMR Project



**Dexter Ave patches, facing west**

Eldorado, Imperial, Dexter WMR Project



**Imperial Ave patches, facing west**

Eldorado, Imperial, Dexter WMR Project



**Rahn Road patch, facing east**

Rahn Road WMR Project



**Rahn Road patch, facing east**

Rahn Road WMR Project



**Silbury Lane patch, facing north**

Rahn Road WMR Project



**Camellia Place patch, facing west**

Rahn Road WMR Project



**Karen Dr patch, facing north**

Rio & Karen WMR Project



**Karen Dr patch, facing north**

Rio & Karen WMR Project



**Rio Ln patch, facing west**

Rio & Karen WMR Project



**Rio Ln patch, facing west**

Rio & Karen WMR Project





**Sunray Rd patch, facing north**

Sunray, Frieda, Ives WMR Project



**Sunray Rd patches, facing north**

Sunray, Frieda, Ives WMR Project



**Chee Ct patch, facing southwest**

Sunray, Frieda, Ives WMR Project



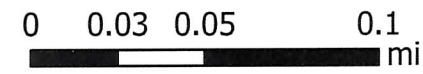
**Frieda Ln patch, facing northwest**

Sunray, Frieda, Ives WMR Project

# Rahn Road



- Warren County
- Montgomery County
- <all other values>
- Location Pt by Water or Sewer
  - Water and Sewer
  - Water Only
  - Sewer Only
  - Inactive
- Customer
  - CRIT
  - PRTY
- Address Labels
- Cityworks Repair Water Main Break
- GeoDigger Water Main Breaks
- Water Main
  - HydrantLine,
  - Blowoff, DistributionMain, Interconnect
  - FireLine
  - MCES Out of Service
  - Critical Water Main
- Water Network Structure
  - Elevated Storage Tank
  - Production Well
  - Pump Station
  - Pump Station, Standby/Out of Service
  - Reservoir Storage Tank
  - Standpipe Storage Tank
- Water Control Valve
  - AirRelease, In-Service/Active
  - BackflowPrevention, In-Service/Active
  - Blowoff, In-Service/Active
  - PressureReduction, In-Service/Active
  - Unk\_ControlValve, In-Service/Active
- Water Sampling Station
  - In-Service/Active
  - Standby/Out of Service
  - PFAS Sample Station
- Water Hydrant
  - MCES Special Use Hydrant/ In-Service
  - Not MCES Special Use Hydrant/ In-Service
  - MCES Standard Hydrant/ In-Service
  - MCES Standard Hydrant/ Out of Service
  - NOT MCES Water System Valve
- Water System Valve
  - <all other values>
  - Distribution Valve
  - Distribution Valve - Left Handed
  - FireHydrant Valve
  - FireHydrant Valve - Left Handed
  - System Divisional Valve
  - System Divisional Valve - Left Handed
- Proposed
  - Proposed Water Network Structure
    - Proposed Storage Tank
    - Proposed Pump Station
    - Proposed
    - Proposed Water Hydrant Line
  - Proposed Water Main
    - Proposed 04" Fire Line
    - Proposed 06" Fire Line
    - Proposed 12" Fire Line
    - Proposed 08" Fire Line
    - 30" Proposed Water Main
    - 06" Proposed Water Main
    - 08" Proposed Water Main
    - 12" Proposed Water Main
    - 24" Proposed Water Main
    - 36" Proposed Water Main
    - 48" Proposed Water Main

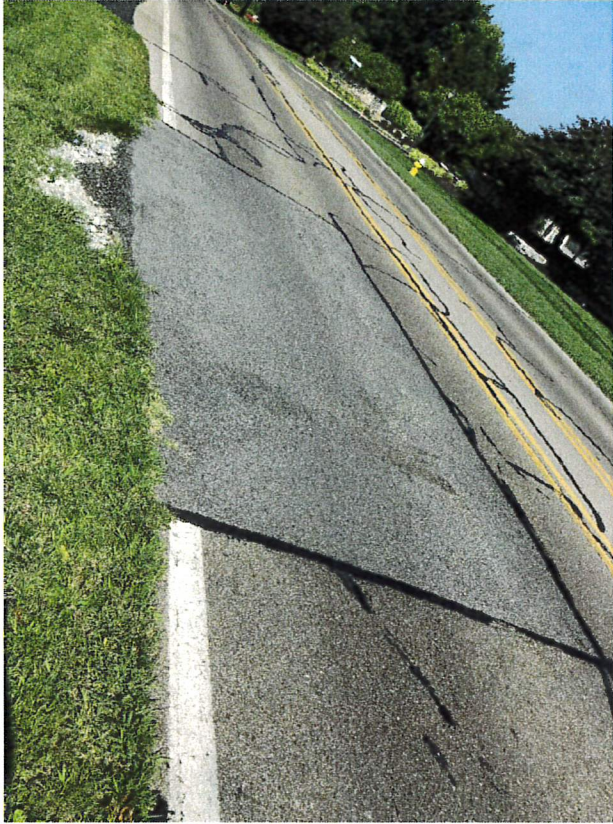


Date Printed: 8/1/2023

### Break History – Rahn Rd

Street	From	To	Break Address	Date	Length	Breaks/1000'	Totals		
							Length	Break Count	Breaks/1000'
Rahn Rd	Kingsley Park Dr	Mad River	W Rahn & Kinsley Ave	6/28/2002	1587	10.08	2336	22	9.42
			854 W Rahn Rd	12/20/2012					
			854 W Rahn Rd	3/28/2010					
			888 W Rahn Rd	10/23/2013					
			W Rahn Rd and Clarington Rd	2/9/2003					
			W Rahn Rd and Denise Dr	3/12/2023					
			790 W Rahn Rd	1/24/2018					
			790 W Rahn Rd	8/3/2006					
			685 W Rahn Rd	1/21/2011					
			610 W Rahn Rd	3/1/2017					
			610 W Rahn Rd	1/6/1996					
			610 W Rahn Rd	7/22/1996					
			610 W Rahn Rd	1/16/2007					
			570 W Rahn Rd	8/26/2016					
			5401 Mad River Rd	1/12/2019					
5401 Mad River Rd	2/20/2014								
Silbury Ln	W Rahn Rd	5400	5400 Silbury Ln	1/11/2010	368	8.15			
			5401 Silbury Ln	4/23/2016					
			5422/5448 Silbury Ln	1/15/2004					
Camellia Pl	W Rahn Rd	End	5439 Camellia Pl	2/7/2003	381	7.87			
			5416 Camellia Pl	2/7/1996					
			5416 Camellia Pl	2/16/2005					

\*\*\*Some water main breaks shown as red dots represent multiple breaks. The green dots only represent one water main break each.



**Rahn Road patch, facing east**

Rahn Road WMR Project



**Rahn Road patch, facing east**

Rahn Road WMR Project



**Silbury Lane patch, facing north**

Rahn Road WMR Project



**Camellia Place patch, facing west**

Rahn Road WMR Project

171631

**RESOLUTION NO. 17-1631  
DECEMBER 5, 2017**

**RESOLUTION AUTHORIZING REVISED WATER AND SEWER RATES IN ACCORDANCE WITH THE ATTACHED RATE SCHEDULES THAT ARE MADE A PART HEREOF, EFFECTIVE JANUARY 1, 2018, JANUARY 1, 2019, JANUARY 1, 2020, JANUARY 1, 2021, AND JANUARY 1, 2022.**

WHEREAS, expenses for sewer operations continue to rise due to increases in sewer collection costs from the City of Dayton, improvements needed to the water reclamation facilities and sewer collection system, and increases in operating costs, and;

WHEREAS, expenses for water operations continue to rise due to increased water supply costs from the City of Dayton, improvements needed to the water distribution system, and increases in operating costs.

WHEREAS, Montgomery County Environmental Services recently completed an Asset Management Study (R&R program) and examined the condition of the infrastructure as well as the necessary investment needed to maintain.

WHEREAS, the key outcome of the R&R program was a 20 year cost projection of improvements to the water and wastewater system necessary to maintain or achieve the desired Level of Services while reducing risk to an acceptable level.

WHEREAS, Montgomery County Environmental Services recently completed a Capital Charge and Structure Study, which proposed a new rate model and a ten year rate plan to fund needed infrastructure investments.

WHEREAS, Montgomery County Environmental Services will perform an annual financial review and if necessary may reallocate annual rates at no additional costs to County customers.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Montgomery County, Ohio, that the revised water and sewer rates in accordance with the attached schedules which are made a part hereof, be and are hereby authorized to be effective January 1, 2018, January 1, 2019, January 1, 2020, January 1, 2021, and January 1, 2022.

BE IT FURTHER RESOLVED that the Clerk of Commission certify this resolution and make an imaged copy of this resolution available on the Montgomery County, Ohio website at <http://www.mcohio.org/>

2016

**PAGE 2**  
**RESOLUTION NO. 17-1631**  
**DECEMBER 5, 2017**

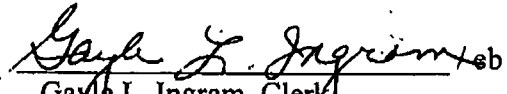
Mrs. Lieberman moved the adoption of the foregoing resolution. It was seconded by Ms. Dodge, and upon call of the roll the following vote resulted:

Mrs. Lieberman, aye; Ms. Dodge, aye; Mr. Foley, aye: Carried.

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I hereby certify that the foregoing is a true and correct copy of a resolution duly adopted by the Board of County Commissioners of Montgomery County, Ohio, the 5<sup>th</sup> day of December, 2017.

THE BOARD OF COUNTY COMMISSIONERS HEREBY FINDS AND DETERMINES THAT ALL FORMAL ACTIONS RELATIVE TO THE ADOPTION OF THIS RESOLUTION WERE TAKEN IN AN OPEN MEETING OF THIS BOARD OF COUNTY COMMISSIONERS, AND THAT ALL DELIBERATIONS OF THIS BOARD OF COUNTY COMMISSIONERS, AND OF ITS COMMITTEES, IF ANY WHICH RESULTED IN FORMAL ACTION, WERE TAKEN IN MEETINGS OPEN TO THE PUBLIC, IN FULL COMPLIANCE WITH APPLICABLE LEGAL REQUIREMENTS, INCLUDING SECTION 121.22 OF THE REVISED CODE.

  
Gayle L. Ingram, Clerk  
Board of County Commissioners  
Montgomery County, Ohio



**SCHEDULE OF WATER & SEWER RATES EFFECTIVE JANUARY 1, 2018**

**GREATER MORAIN-BEAVERCREEK WATER AREA RATES**

<ul style="list-style-type: none"> <li>▪ Daily Service Charge:</li> </ul> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px 0;">                     Typical Service Charge based on a 91-day quarter and 5/8" meter is \$13.35                 </div>	<u>Meter Size</u>	<u>Charge</u>
	5/8"	\$ .1467
	3/4"	.1920
	1"	.2857
	1 1/2"	.5094
	2"	.7950
	3"	1.7014
	4"	2.5510
	6"	4.8730
	8"	7.6480
10"	10.8494	
<ul style="list-style-type: none"> <li>▪ Single-Family Residential Volume Charge per 1,000 cubic feet .....\$36.44</li> <li>▪ All Other Volume Charge per 1,000 cubic feet. ... ..\$35.84</li> <li>▪ Well Field Protection Charge per 1,000 cubic feet .....\$1.00</li> </ul>		

<ul style="list-style-type: none"> <li>▪ Daily Capital Charge:</li> </ul> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px 0;">                     Typical Service Charge based on a 91-day quarter and 5/8" meter is \$5.31                 </div>	<u>Meter Size</u>	<u>Charge</u>
	5/8"	\$ .0584
	3/4"	.0877
	1"	.1460
	1 1/2"	.2917
	2"	.4667
	3"	.9334
	4"	1.4584
	6"	2.9167
	8"	4.6667
10"	6.7084	

**SCHEDULE OF WATER & SEWER RATES EFFECTIVE JANUARY 1, 2018**

**GREATER MORAINÉ-BEAVERCREEK SEWER AREA RATES**

▪ Daily Service Charge:  <div style="border: 1px solid black; padding: 5px; width: fit-content;">Typical Service Charge based on a 91-day quarter and 5/8" meter is \$24.66</div>	<u>Meter Size</u>	<u>Charge</u>
	5/8"	\$ .2710
	3/4"	.3660
	1"	.5594
	1 1/2"	1.0287
	2"	1.6180
	3"	3.4080
	4"	5.1630
	6"	9.9824
	8"	15.7480
10"	22.4187	
▪ Volume Charge per 1,000 cubic feet .....		\$43.80

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▪ Daily Capital Charge:  <div style="border: 1px solid black; padding: 5px; width: fit-content;">Typical Service Charge based on a 91-day quarter and 5/8" meter is \$5.01</div>	<u>Meter Size</u>	<u>Charge</u>
	5/8"	\$ .0550
	3/4"	.0824
	1"	.1370
	1 1/2"	.2740
	2"	.4384
	3"	.8767
	4"	1.3697
	6"	2.7390
	8"	4.3824
10"	6.2997	

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**2018-2022 Quarterly Combined Rates**

**\*Rates include a Well Field Protection Charge of \$1.00 per 1000 Cubic Feet\***

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>
Typical Residential Customer Bill (18 Ccf/Qtr)	\$170.17	\$194.56	\$205.46	\$216.96	\$229.11	\$241.94
Percent of Change		14.3%	5.6%	5.6%	5.6%	5.6%