



# 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.**

---

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

---

Original Signature / Date Signed

**RESOLUTION NO. 23-1079  
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 \$480,000.00 FOR THE PROJECT NO. 130056-37, RIO & KAREN 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 Rio & Karen 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 Rio & Karen 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 \$480,000.00 as described above for the Project No. 130056-37, Rio & Karen 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: 23-1079  
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.

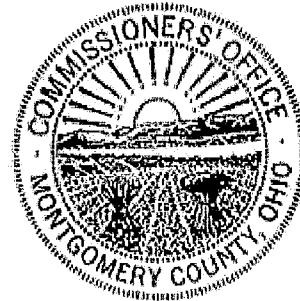
-----

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*

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 \$124,900.00 in the Water Fund and that this amount will be used to pay the local share for the Rio & Karen Water Main Replacement Project when it is required.

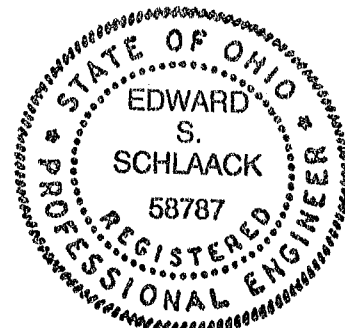
I, Financial Services Manager of Montgomery County Environmental Services, hereby certify that Montgomery County, Ohio has / will have / will collect the amount of \$330,000.00 in the Water Fund and that this amount will be used to repay the Ohio Public Works Commission SCIP or RLP loan requested for the Rio & Karen Water Main Replacement Project over a 20 year term.

---

Vijay Chitkara, Financial Services Manager

**RIO & KAREN 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	\$ 35,000.00	\$ 35,000.00
<b>SHEETING &amp; SHORING</b>	NOT USED			
<b>ROCK EXCAVATION</b>	NOT USED			
<b>UNSUITABLE SOIL</b>	NOT USED			
<b>PRESSURE PIPE &amp; SERVICES</b>				
Install Gate Vales and Boxes				
8" Gate Valve and Box	5	EA	\$ 1,900.00	\$ 9,500.00
6" Gate Valve and Box	5	EA	\$ 1,400.00	\$ 7,000.00
Fire Hydrant				
Furnish and Install Fire Hydrant With 4" Storz Connections, Including Excavation, Backfill, and Restoration	5	EA	\$ 5,220.00	\$ 26,100.00
Pressure Water Service Line				
Accessories and Taps				
1" Curb Stop and Curb Box, Including Restoration	28	EA	\$ 660.00	\$ 18,480.00
1" Service Tap and Corporation Stop	28	EA	\$ 550.00	\$ 15,400.00
1" Test Tap Including Corporation Stop and Removal	3	EA	\$ 800.00	\$ 2,400.00
Water Service Pipe				
1" Copper Service Line	720	LF	\$ 85.00	\$ 61,200.00
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	1,235	LF	\$ 145.00	\$ 179,075.00
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	28	LF	\$ 120.00	\$ 3,360.00
Furnish and Install 6" Fire Hydrant Anchor Pipe, Polywrapped Pipe, with Granular Backfill, Including Compaction and Disposal of Excavated Material	70	LF	\$ 150.00	\$ 10,500.00
<b>GRAVITY PIPE &amp; SERVICES (SEWER)</b>				
4" PVC ASTM D-3034 SDR 26, Including All Restoration	30	LF	\$ 50.00	\$ 1,500.00
6" PVC ASTM D-3034 SDR 26, Including All Restoration	30	LF	\$ 60.00	\$ 1,800.00
<b>LUMP SUM ITEMS</b>	NOT USED			
<b>RESTORATION</b>				
Trench Restoration Per Foot of Trench	1,335	LF	\$ 88.00	\$ 117,480.00
Curb for Fire Hydrant Crossings	5	cross	\$ 230.00	\$ 1,150.00
Seeding and Mulching (for Fire Hydrant Branch lines and Main Line)	76	LF	\$ 13.50	\$ 1,026.00
<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	4	EA	\$ 5,150.00	\$ 20,600.00
Furnish and Install 10" X 8" Tapping Sleeve and Valve with Box, Including All Work to Connect to Existing Water Line	0	EA	\$ 9,000.00	\$ -
Remove Fire Hydrant and Cap line, Backfill w/ Granular Backfill and Green Space Restoration	2	EA	\$ 750.00	\$ 1,500.00
Remove Valve Boxes (top section) and Valves (if required) Restoration of Pavement or Greenspace Included	9	EA	\$ 470.00	\$ 4,230.00
Full Depth Pavement Sawing	2,780	LF	\$ 2.20	\$ 6,116.00
Plug existing Connections to 6" main	1	EA	\$ 750.00	\$ 750.00
6" Cut & Plug Type 3	3	EA	\$ 1,700.00	\$ 5,100.00
			Subtotal	\$ 529,267.00
			MCES ~6% Contingency	\$ 31,633.00
			MCES Total Construction	\$ 560,900.00
			Engineering	\$ 44,000.00
			Street Mill & Overlay (Kettering)	\$ -
			Project Total	\$ 604,900.00



Prepared by Edward S. Schlaack, P.E.

*Edward S. Schlaack*  
 \_\_\_\_\_  
 Signed

Date: July 25, 2023

**Rio & Karen 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		100		15	
Storm Sewers		100		40	
Sanitary Sewers		100		40	
Water Lines	560.9	100	56090	40	22436
Bridge				75	
Pumps, Lift Stations				15	
Sidewalks		100		25	
Bike Facility		100		7	
<b>Totals</b>	<b>560.9</b>		<b>56090</b>		<b>22436</b>

Weighted Useful Life: 40.0 Years

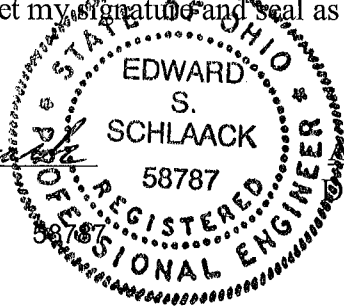
Design Service Capacity (Project Application, Section 2.0):

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 #



August 1, 2023  
 Date

# OHIO PUBLIC WORKS COMMISSION

## DISTRICT 4

### FY25 Supplemental Questionnaire

---

**Applicant:** [Montgomery County, Ohio](#)

---

**Project Title:** [Rio & Karen Water Main Replacement](#)

---

#### Application Summary:

**Briefly describe the project:**

This project will replace 6" cast iron water main installed in 1954 on portions of Rio Lane and all of Karen Drive in the Kettering, 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 it's useful life. The main being replaced has broken at a rate of 10.92/1000'.

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 10.92 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:

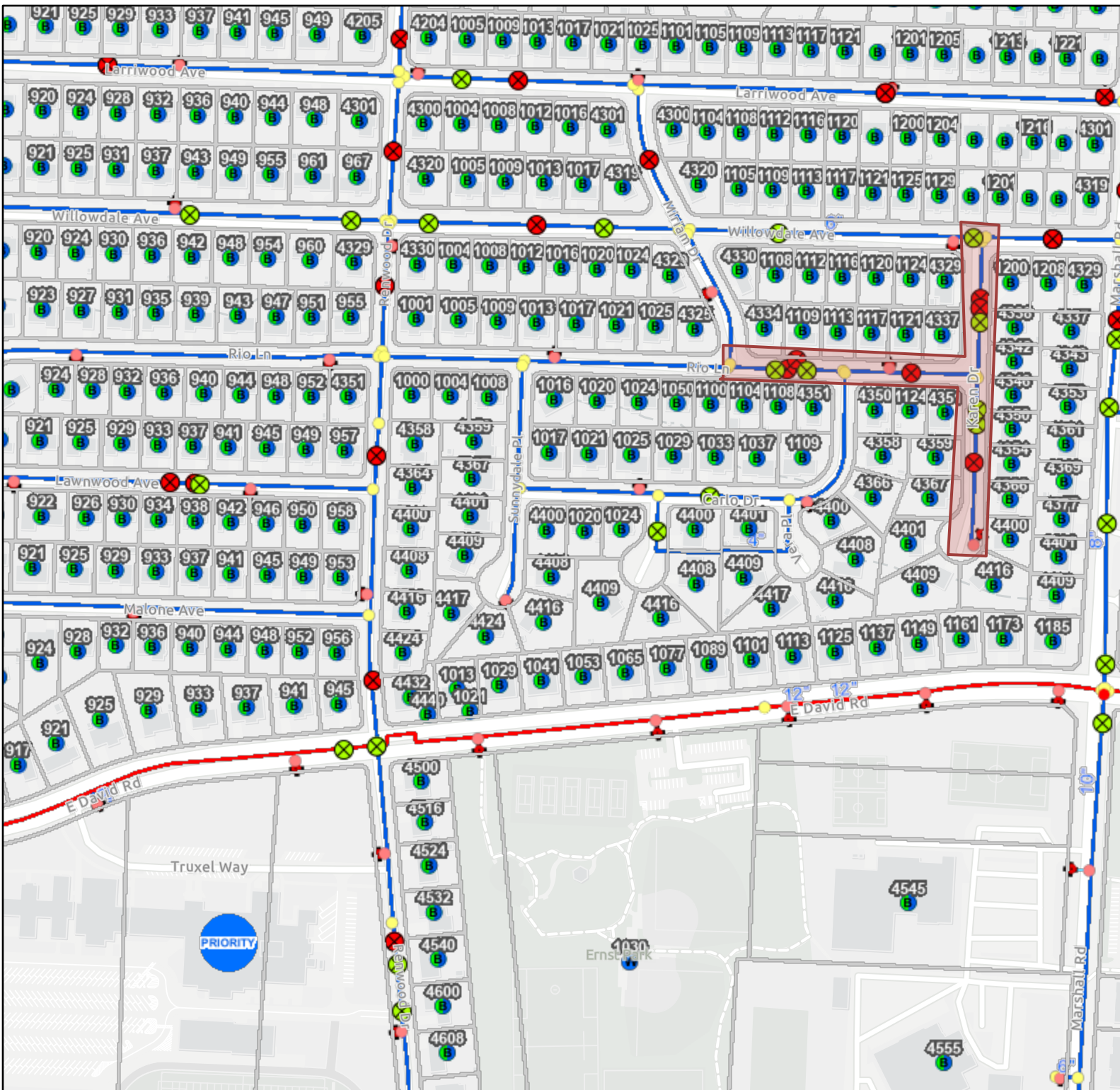
<b>What is the level of service?</b>	N/A
--------------------------------------	-----

## Other Factors

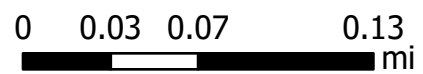
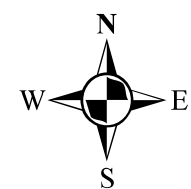
**What other factors exist that make this project more important than other like projects?**

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.

# Rio & Karen WMR Vicinity Map



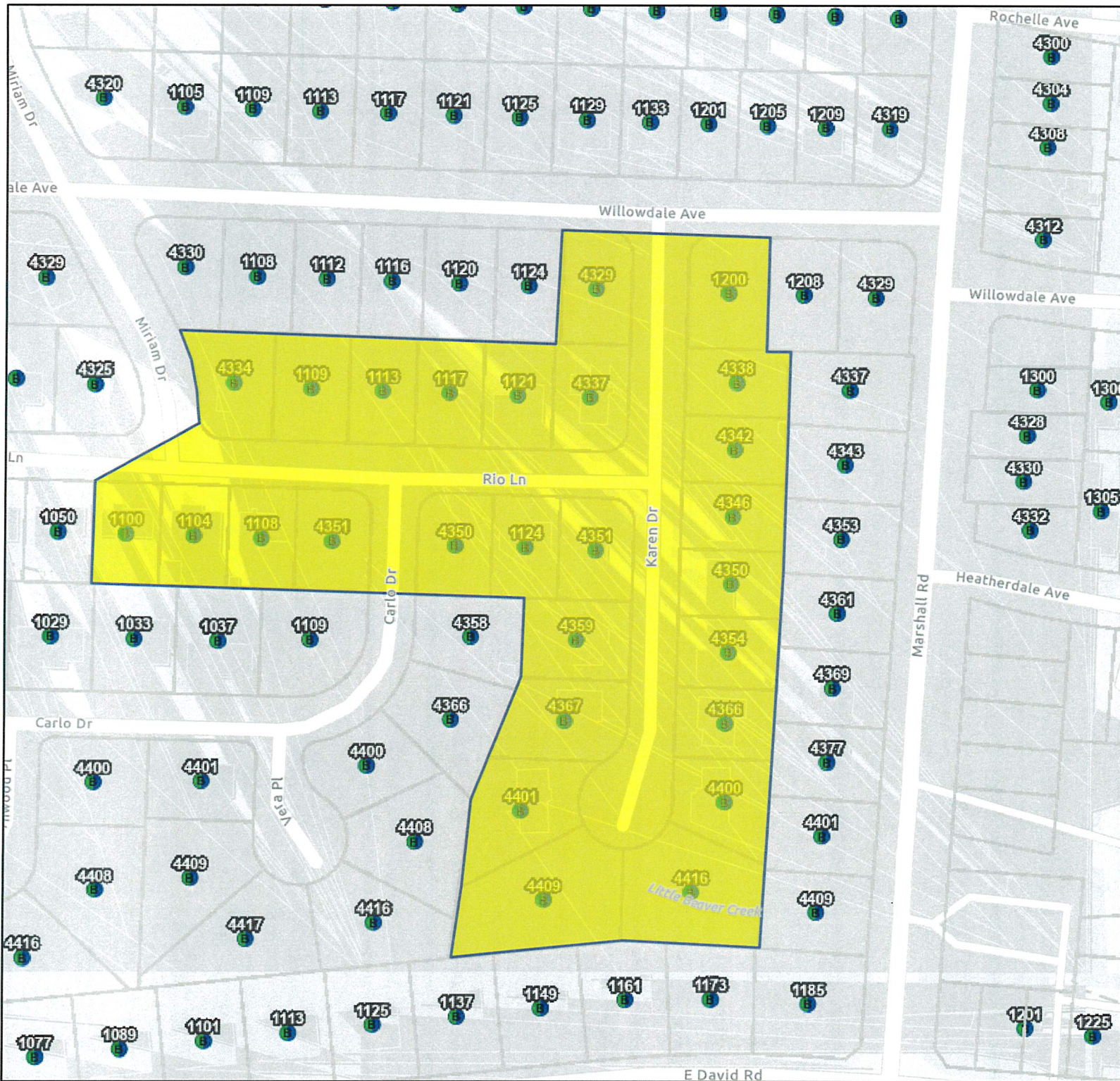
- Warren County
- Montgomery County
- S <all other values>
- Location Pt by Water or Sewer
  - B Water and Sewer
  - W Water Only
  - S Sewer Only
  - L Inactive
- Customer
  - CRIT
  - PRI
- Address Labels
- Cityworks Repair Water Main Break
- GeoDigger Water Main Breaks
- Water Main
  - Not MCES
  - 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
  - Proposed 30" Water Main
  - Proposed 06" Water Main
  - Proposed 08" Proposed Water Main
  - Proposed 12" Proposed Water Main
  - Proposed 24" Proposed Water Main
  - Proposed 36" Proposed Water Main
  - Proposed 48" Proposed Water Main



Date Printed: 7/3/2023



# Rio and Karen



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

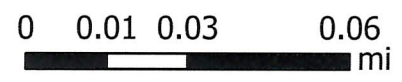
## Location Pt by Water or Sewer

- Water and Sewer
- Water Only
- Sewer Only
- Inactive

## Critical Customer

- CRIT
- PRTY

Address Labels

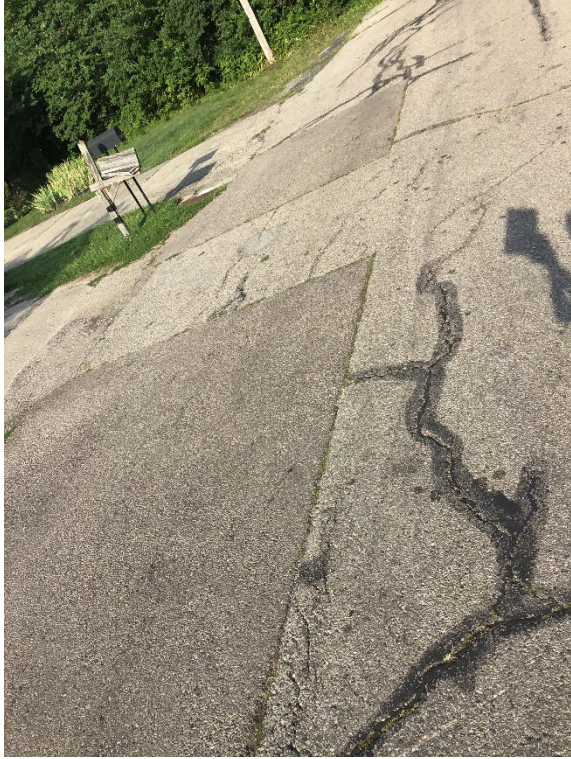


Date Printed: 8/3/2023



## Rio & Karen WMR Addresses

LOCATION	PARCELID
4351 CARLO DR	N64 01808 0028
4350 CARLO DR	N64 01809 0023
1124 RIO LN	N64 01809 0024
1121 RIO LN	N64 01809 0021
1117 RIO LN	N64 01809 0022
1113 RIO LN	N64 01808 0020
1109 RIO LN	N64 01808 0021
1108 RIO LN	N64 01808 0027
1104 RIO LN	N64 01808 0026
1100 RIO LN	N64 01808 0025
4416 KAREN DR	N64 03106 0011
4409 KAREN DR	N64 03106 0010
4401 KAREN DR	N64 03106 0009
4400 KAREN DR	N64 03106 0012
4367 KAREN DR	N64 03106 0008
4366 KAREN DR	N64 03106 0013
4359 KAREN DR	N64 03106 0007
4354 KAREN DR	N64 03106 0014
4351 KAREN DR	N64 01809 0025
4350 KAREN DR	N64 01809 0028
4346 KAREN DR	N64 01809 0027
4342 KAREN DR	N64 01809 0026
4338 KAREN DR	N64 01809 0019
4337 KAREN DR	N64 01809 0020
4329 KAREN DR	N64 01809 0015
4334 MIRIAM DR	N64 01808 0022
1200 WILLOWDALE AVE	N64 01809 0016



**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**

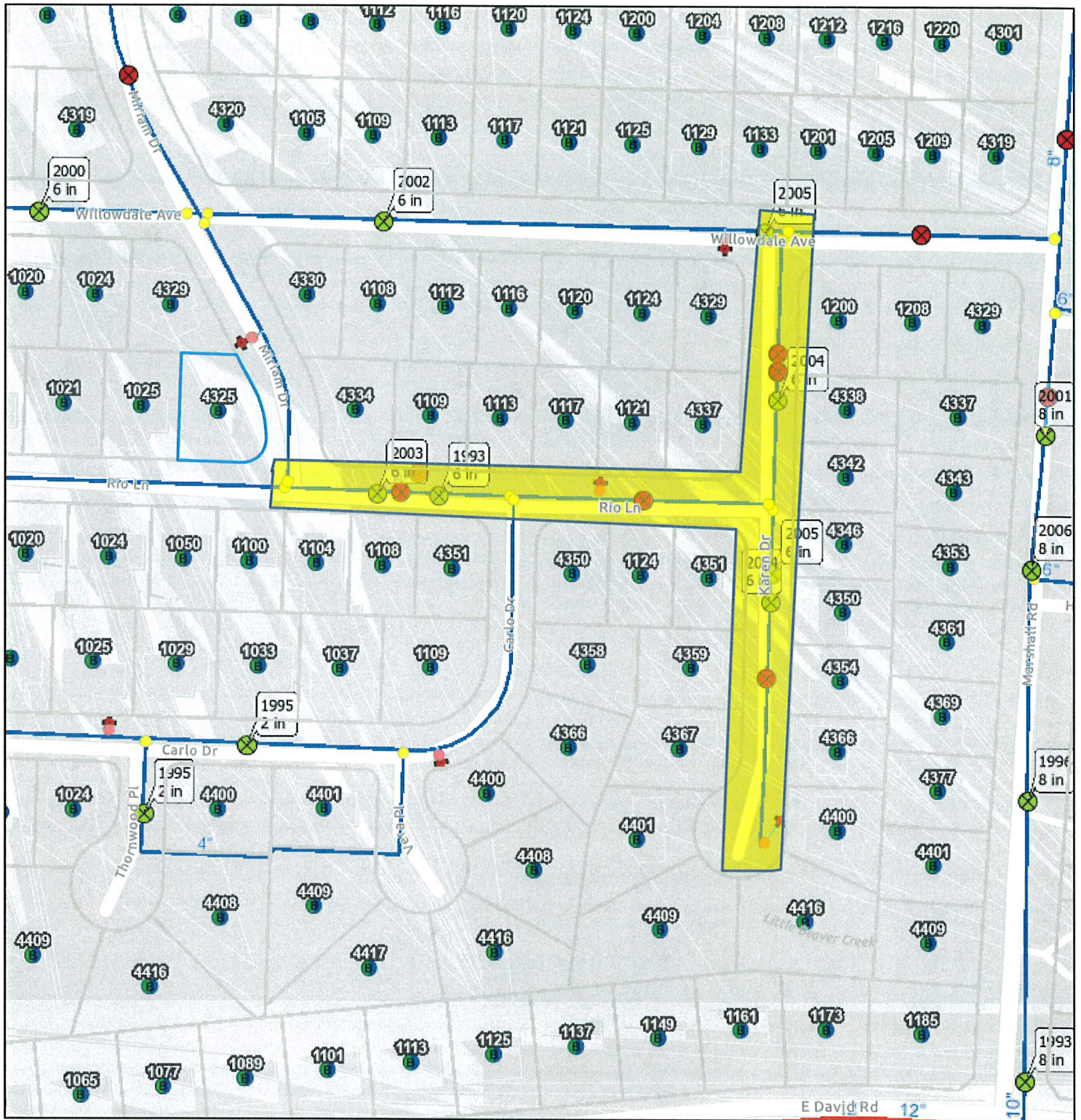
Sunray, Frieda, Ives WMR Project



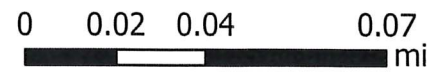
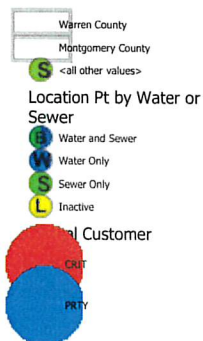
**Frieda Ln patch, facing northwest**

Sunray, Frieda, Ives WMR Project





### Rio and Karen



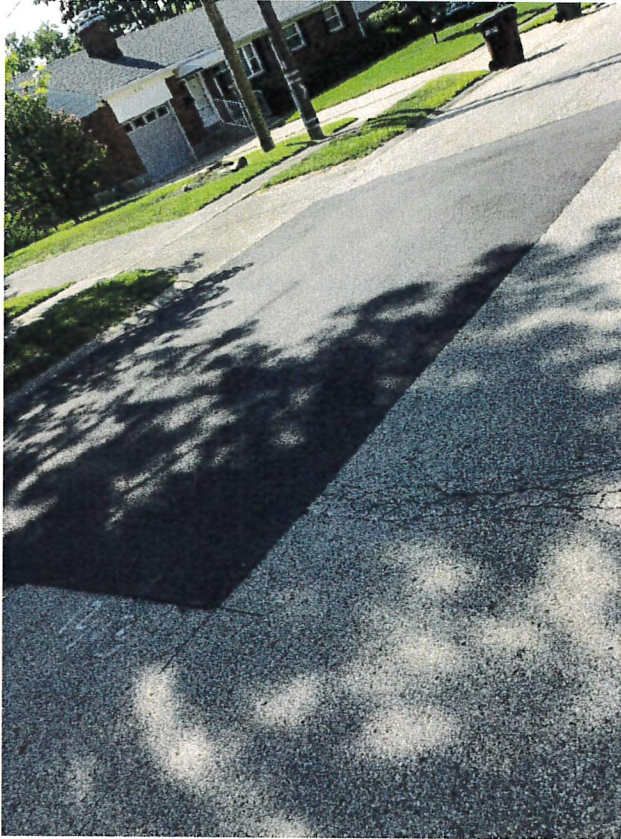
Date Printed: 8/1/2023



### Break History – Rio & Karen

							Totals		
Street	From	To	Break Address	Date	Length	Breaks/1000'	Length	Break Count	Breaks/1000'
Rio Ln	Miriam Dr	Karen Dr	1108 Rio Ln	1/25/2003	529	9.45	1191	13	10.92
			1104 Rio Ln	11/17/2017					
			1109 Rio Ln	12/1/2020					
			1109 Rio Ln	12/23/1993					
			1113 Rio Ln	1/18/2022					
Karen Dr	Willowdale	End	1133 Willowdale Ave	1/30/2005	662	12.08			
			Karen Dr & Willowdale Ave	11/20/2014					
			4338 Karen Dr	1/6/2020					
			4338 Karen Dr	1/15/2004					
			4329 Karen Dr	12/13/2022					
			4351 Karen Dr	11/21/2005					
			4351 Karen Dr	12/21/2009					
4350 Karen Dr	10/24/2004								

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



**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

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.mcoho.org/>

2016

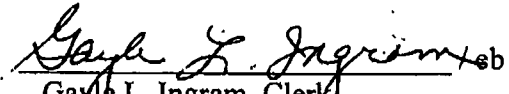
PAGE 2  
RESOLUTION NO. 17-1631  
DECEMBER 5, 2017

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.

-----  
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 MORAINE-BEAVERCREEK WATER AREA RATES**

<ul style="list-style-type: none"> <li>▪ Daily Service Charge:</li> </ul>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">                     Typical Service Charge based on a 91-day quarter and 5/8" meter is \$13.35                 </td> </tr> </table>	Typical Service Charge based on a 91-day quarter and 5/8" meter is \$13.35	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Meter Size</u></th> <th style="text-align: right;"><u>Charge</u></th> </tr> </thead> <tbody> <tr><td>5/8"</td><td style="text-align: right;">\$ .1467</td></tr> <tr><td>3/4"</td><td style="text-align: right;">.1920</td></tr> <tr><td>1"</td><td style="text-align: right;">.2857</td></tr> <tr><td>1 1/2"</td><td style="text-align: right;">.5094</td></tr> <tr><td>2"</td><td style="text-align: right;">.7950</td></tr> <tr><td>3"</td><td style="text-align: right;">1.7014</td></tr> <tr><td>4"</td><td style="text-align: right;">2.5510</td></tr> <tr><td>6"</td><td style="text-align: right;">4.8730</td></tr> <tr><td>8"</td><td style="text-align: right;">7.6480</td></tr> <tr><td>10"</td><td style="text-align: right;">10.8494</td></tr> </tbody> </table>	<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>
Typical Service Charge based on a 91-day quarter and 5/8" meter is \$13.35																										
<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>▪ Daily Capital Charge:</li> </ul>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">                     Typical Service Charge based on a 91-day quarter and 5/8" meter is \$5.31                 </td> </tr> </table>	Typical Service Charge based on a 91-day quarter and 5/8" meter is \$5.31	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Meter Size</u></th> <th style="text-align: right;"><u>Charge</u></th> </tr> </thead> <tbody> <tr><td>5/8"</td><td style="text-align: right;">\$ .0584</td></tr> <tr><td>3/4"</td><td style="text-align: right;">.0877</td></tr> <tr><td>1"</td><td style="text-align: right;">.1460</td></tr> <tr><td>1 1/2"</td><td style="text-align: right;">.2917</td></tr> <tr><td>2"</td><td style="text-align: right;">.4667</td></tr> <tr><td>3"</td><td style="text-align: right;">.9334</td></tr> <tr><td>4"</td><td style="text-align: right;">1.4584</td></tr> <tr><td>6"</td><td style="text-align: right;">2.9167</td></tr> <tr><td>8"</td><td style="text-align: right;">4.6667</td></tr> <tr><td>10"</td><td style="text-align: right;">6.7084</td></tr> </tbody> </table>	<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
Typical Service Charge based on a 91-day quarter and 5/8" meter is \$5.31																									
<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 MORAIN-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

---

▪ 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	

---

**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%