

Thank you for joining us.

WE WILL BEGIN SHORTLY. PLEASE USE THE CHAT DURING THE WEBINAR.





**Northeast Ohio
Regional Sewer District**

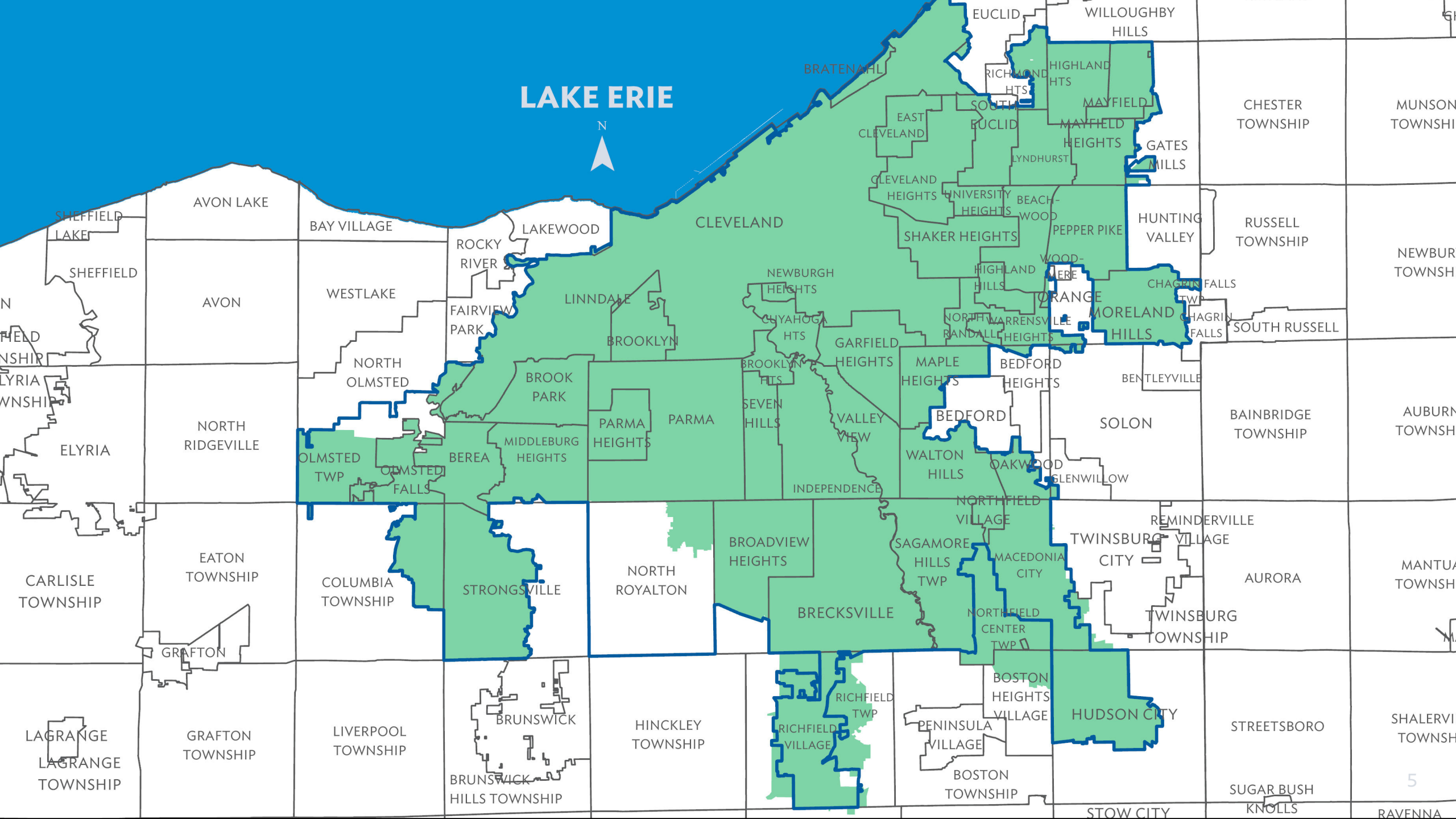
Our 2022-2026 rates

WHAT WE DO, WHAT YOU PAY, AND WHERE IT ALL GOES

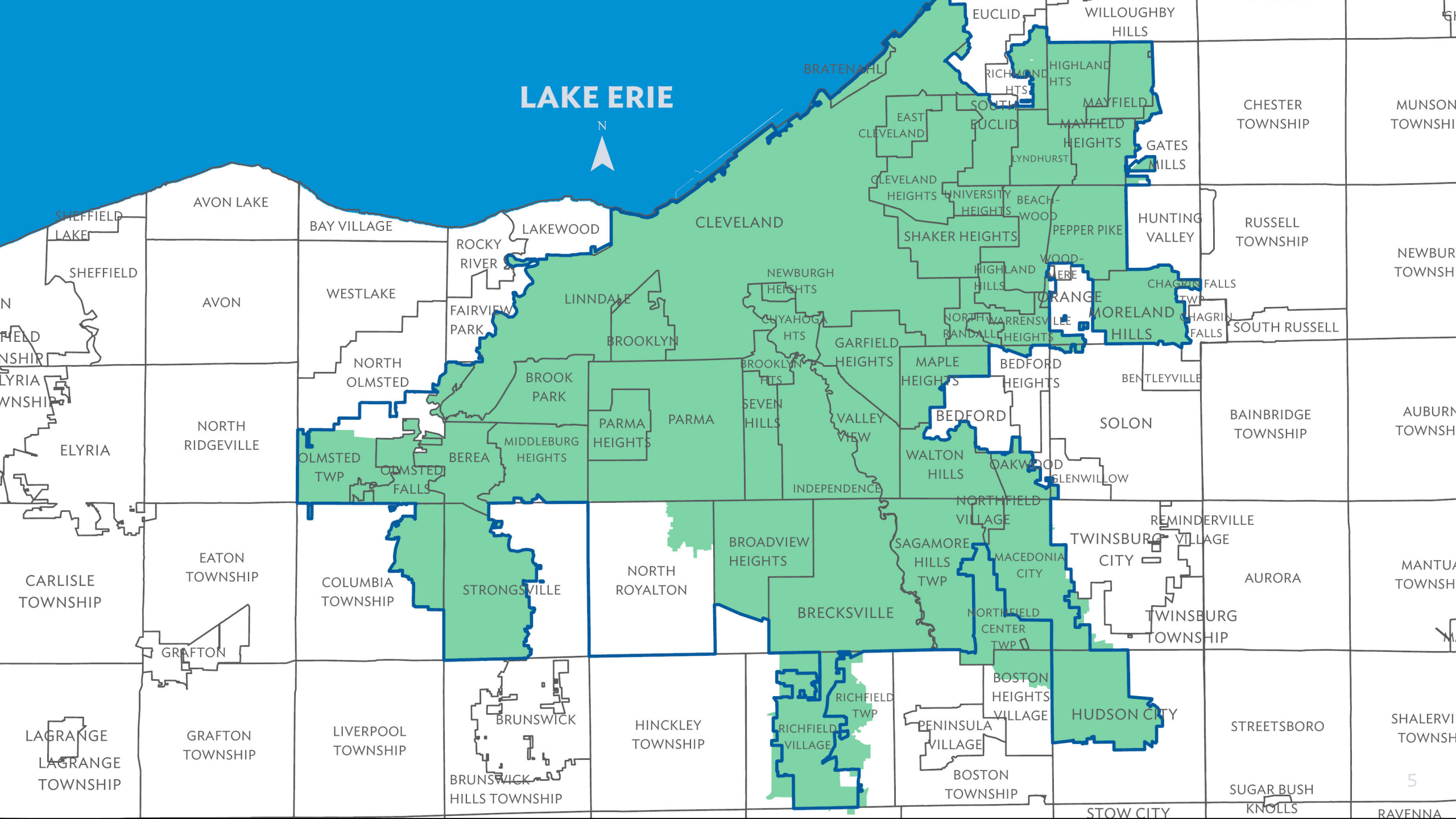




**Northeast Ohio
Regional Sewer District**



LAKE ERIE





Easterly Wastewater
Treatment Plant



Doan Valley Tunnel



Willey Creek,
Moreland Hills



Regional, not local.



**Northeast Ohio
Regional Sewer District**







**Northeast Ohio
Regional Sewer District**







**Northeast Ohio
Regional Sewer District**

Easterly Wastewater Treatment Plant can
treat 400 million gallons of water a day.





**Northeast Ohio
Regional Sewer District**

**Doan Valley Tunnel
during construction**



**Northeast Ohio
Regional Sewer District**

**Southerly Wastewater Treatment Plant
is the largest of its kind in Ohio.**

Sewer rates





**Northeast Ohio
Regional Sewer District**

Stickney Creek stream restoration project



**Northeast Ohio
Regional Sewer District**

Maplegrove Ave. flooding during
April 2018 urgent storm event

Stormwater fees



**Northeast Ohio
Regional Sewer District**

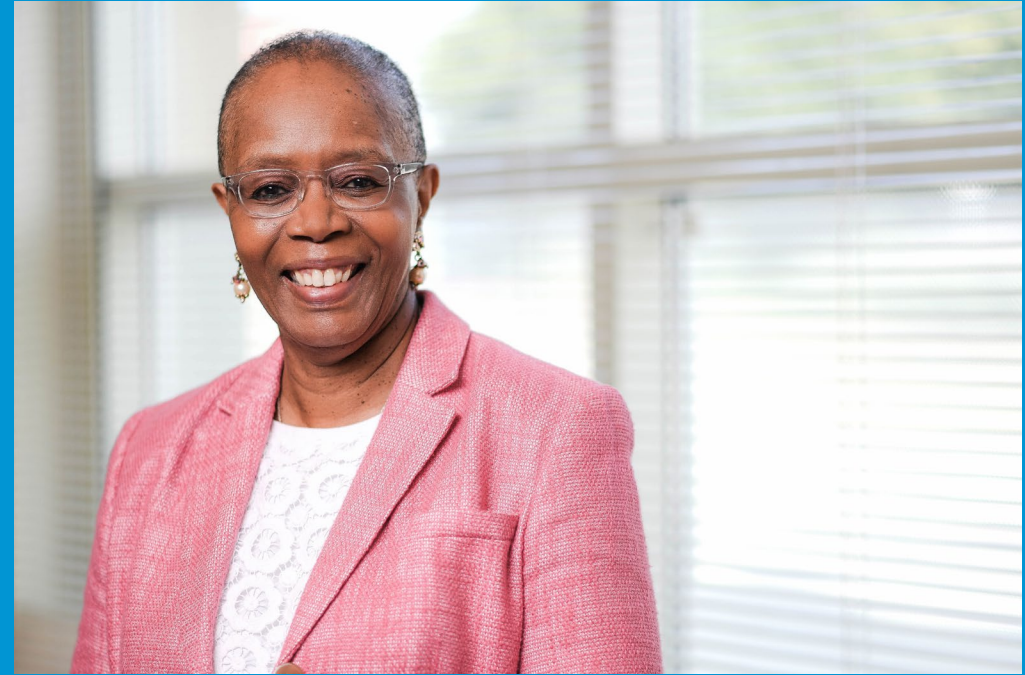
Our 2022–2026 rates

- Sewer and stormwater rates
- Your rates make clean-water work possible
- Cost-saving opportunities





KEN DUPLAY
Chief Financial Officer



CONSTANCE T. HAQQ
Chief Administrative Officer





**Northeast Ohio
Regional Sewer District**

Rates change.

RATE SCHEDULES ARE DETERMINED EVERY FIVE YEARS.

An average customer's bill: \$60–80 a month. The average stormwater fee has been \$5.15 a month.

BASED ON AVERAGE USAGE RATE OF .6 MCF/MONTH



2022-2026 rates and fees

SEWER RATES | STORMWATER FEES



Proposed Rate Schedule 2022-2026

Year	Monthly Fixed Cost Recovery Charge		Usage per MCF - Cleveland		Usage per MCF - Suburbs	
	Regular	Homestead/ Affordability	Regular	Homestead/ Affordability	Regular	Homestead/ Affordability
2021	\$9.70	\$5.80	\$106.50	\$63.90	\$106.80	\$64.10
			Usage per MCF - Regular		Usage per MCF - Homestead/Affordability	
2022	\$10.15	\$6.10	\$111.50		\$66.90	
2023	\$10.60	\$6.35	\$116.75		\$70.05	
2024	\$11.10	\$6.65	\$122.25		\$73.35	
2025	\$11.60	\$6.95	\$128.00		\$76.80	
2026	\$12.20	\$7.30	\$134.00		\$80.40	

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Sewer rates support:

- Wastewater collection and treatment
- Daily operation and maintenance
- Personnel costs
- Construction and debt service
(low-interest loan repayment)



2022-2026 rates and fees

SEWER RATES | STORMWATER FEES



2022-2026 rates and fees

SEWER RATES | STORMWATER FEES





**Northeast Ohio
Regional Sewer District**

Aerial maps help us calculate hard
surfaces on service area properties.³⁸



**Northeast Ohio
Regional Sewer District**

Sheldon Road flooding,
Middleburg Heights/Brook Park



**Northeast Ohio
Regional Sewer District**

West Creek major erosion
near Sandpiper Drive

Proposed Stormwater Fees 2022-2026

Year	Residential per Month			
	Tier 1 < 2,000 sq.ft.	Tier 2 2000-3999 sq.ft.	Tier 3 4,000+ sq.ft.	Homestead/ Affordability
2021	\$3.09	\$5.15	\$9.27	\$2.07
2022	\$3.24	\$5.39	\$9.71	\$2.17
2023	\$3.39	\$5.65	\$10.16	\$2.27
2024	\$3.55	\$5.91	\$10.64	\$2.38
2025	\$3.71	\$6.19	\$11.14	\$2.49
2026	\$3.89	\$6.48	\$11.66	\$2.60

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Stormwater fees support:

- Stream flooding
- Erosion
- Stream maintenance and water quality
- Regional stormwater issues



2022-2026

RATE CHANGES AND AN AVERAGE CUSTOMER'S MONTHLY BILL

Residential Typical Monthly Bill Impacts

Year	Regular	Homestead/Affordability
	Total Wastewater and Stormwater Bill (0.5 MCF)	Total Wastewater and Stormwater Bill (0.5 MCF)
2021	\$68.10	\$39.82



Residential Typical Monthly Bill Impacts

Year	Regular	Homestead/Affordability
	Total Wastewater and Stormwater Bill (0.5 MCF)	Total Wastewater and Stormwater Bill (0.5 MCF)
2021	\$68.10	\$39.82
2022	\$71.29	\$41.72
2023	\$74.62	\$43.64
2024	\$78.14	\$45.70
2025	\$81.79	\$47.84
2026	\$85.68	\$50.10



What does a rate study consider?

- Expenses and revenue
- Debts and obligations
- Population and consumption trends
- Long-term spending needs





**Northeast Ohio
Regional Sewer District**

Rates and our clean-water work

- What factors go into setting rates?
- 2016 compared to 2022
- Knowing and meeting customers' needs



Proposed Rate Schedule 2022-2026

Year	Monthly Fixed Cost Recovery Charge		Usage per MCF - Cleveland		Usage per MCF - Suburbs		Stormwater Charge Tier 2/Base	
	Regular	Homestead/Affordability	Regular	Homestead/Affordability	Regular	Homestead/Affordability	Regular	Homestead/Affordability
2021	\$9.70	\$5.80	\$106.50	\$63.90	\$106.80	\$64.10	\$5.15	\$2.07
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Cost of service

What factors go into setting rates?

- Population and consumption trends
- Customer data
- Revenue and funding sources
- Economic conditions



**Source
of funding**



**Use
of funding**

Maximize efficiency.
Minimize increase.

63% in 1977

FEDERAL INVESTMENT IN WATER AND SEWER INFRASTRUCTURE

Less than 5% in 2020

FEDERAL INVESTMENT IN WATER AND SEWER INFRASTRUCTURE



**Northeast Ohio
Regional Sewer District**

**Westerly Storage Tunnel
construction 2019**



**Northeast Ohio
Regional Sewer District**

**Pepper Luce Creek
at Lander Road**



**Northeast Ohio
Regional Sewer District**

2016 compared to 2022

WHERE WE WERE, AND WHERE WE ARE

9.6% annual increase

2022-2026 PREDICTION IN 2016 RATE STUDY

4.7% annual increase

2022-2026 PROPOSED RATES BASED ON 2021 RATE STUDY

**Sound management.
Smart savings.
How we borrow.**



**Northeast Ohio
Regional Sewer District**

**Doan Valley Tunnel
construction**



**Northeast Ohio
Regional Sewer District**

**Euclid Creek Tunnel
construction**



**Northeast Ohio
Regional Sewer District**

Easterly Wastewater Treatment
Plant clarifiers expansion⁶⁹



**Northeast Ohio
Regional Sewer District**

**Doan Valley Tunnel
construction**



**Northeast Ohio
Regional Sewer District**

**Dugway Storage Tunnel
mining is complete, 2018**



**Northeast Ohio
Regional Sewer District**

**Dugway Storage Tunnel
during construction**



**Northeast Ohio
Regional Sewer District**

**Dugway Storage Tunnel
during construction**

**\$4.6 million
under budget**

DUGWAY STORAGE TUNNEL (\$153 MILLION ORIGINAL CONTRACT VALUE)

Sound management.

Smart savings.

How we borrow.

Sound management.
Smart savings.
How we borrow.



**Northeast Ohio
Regional Sewer District**

**Southerly Wastewater Treatment Plant
treats 120 million gallons a day on average.**

An aerial photograph of the Southerly Wastewater Treatment Plant. The image shows various industrial structures, including large rectangular aeration tanks, rectangular clarifiers, and several buildings. A road runs through the center of the facility. The entire image has a blue tint. Overlaid on the center of the image is the text "Saved \$90 million" in a large, white, sans-serif font.

Saved \$90 million



**Northeast Ohio
Regional Sewer District**

Southerly Wastewater Treatment Plant
treats 120 million gallons a day on average.

Sound management.
Smart savings.
How we borrow.



**Northeast Ohio
Regional Sewer District**

**Westerly Storage Tunnel
construction**



**Northeast Ohio
Regional Sewer District**

Richmond Heights
81



**Northeast Ohio
Regional Sewer District**

West Creek near Sandpiper Drive,
restoration before and after



**Northeast Ohio
Regional Sewer District**

65 stormwater projects in design,
construction or completed

\$1,000,000,000+

STORMWATER MANAGEMENT NEEDS ACROSS THE REGION

**Sound management.
Smart savings.
How we borrow.**



**Northeast Ohio
Regional Sewer District**

Affordability.

Affordability.

A CUSTOMER'S ABILITY TO PAY THEIR SEWER BILL

2 changes proposed for 2022

- Renter eligibility
- Affordability Program eligibility threshold:
200% increases to 250% of Federal Poverty
level



40,000 customers

WOULD BE NEWLY ELIGIBLE THANKS TO THESE CHANGES.



**Northeast Ohio
Regional Sewer District**





**Northeast Ohio
Regional Sewer District**

Cost-saving programs

- Homestead
- Affordability
- Crisis Assistance
- Plumbing Assistance
- Summer Sprinkling
- Stormwater fee credit



Homestead program

- 40% rate reduction
- Customers 65 years and older
- Customers under 65 who are totally disabled
- Eligibility based on income (\$34,500 or lower)



Affordability

- 40% rate reduction
- Eligibility not affected by age or disability
- Household income up to 200% of Federal poverty level



Crisis Assistance

- Covers unforeseen life events that impact your ability to pay your sewer bill
- One-time credit up to \$300



Plumbing Assistance

- Covers emergency service line replacements, other plumbing repairs
- Must be a homeowner
- Sewer District service area residents only
- Income guidelines do apply



Summer Sprinkling Program

- Bases summer usage on average winter consumption
- Property must be owner-occupied
- **neorsd.org/summer**

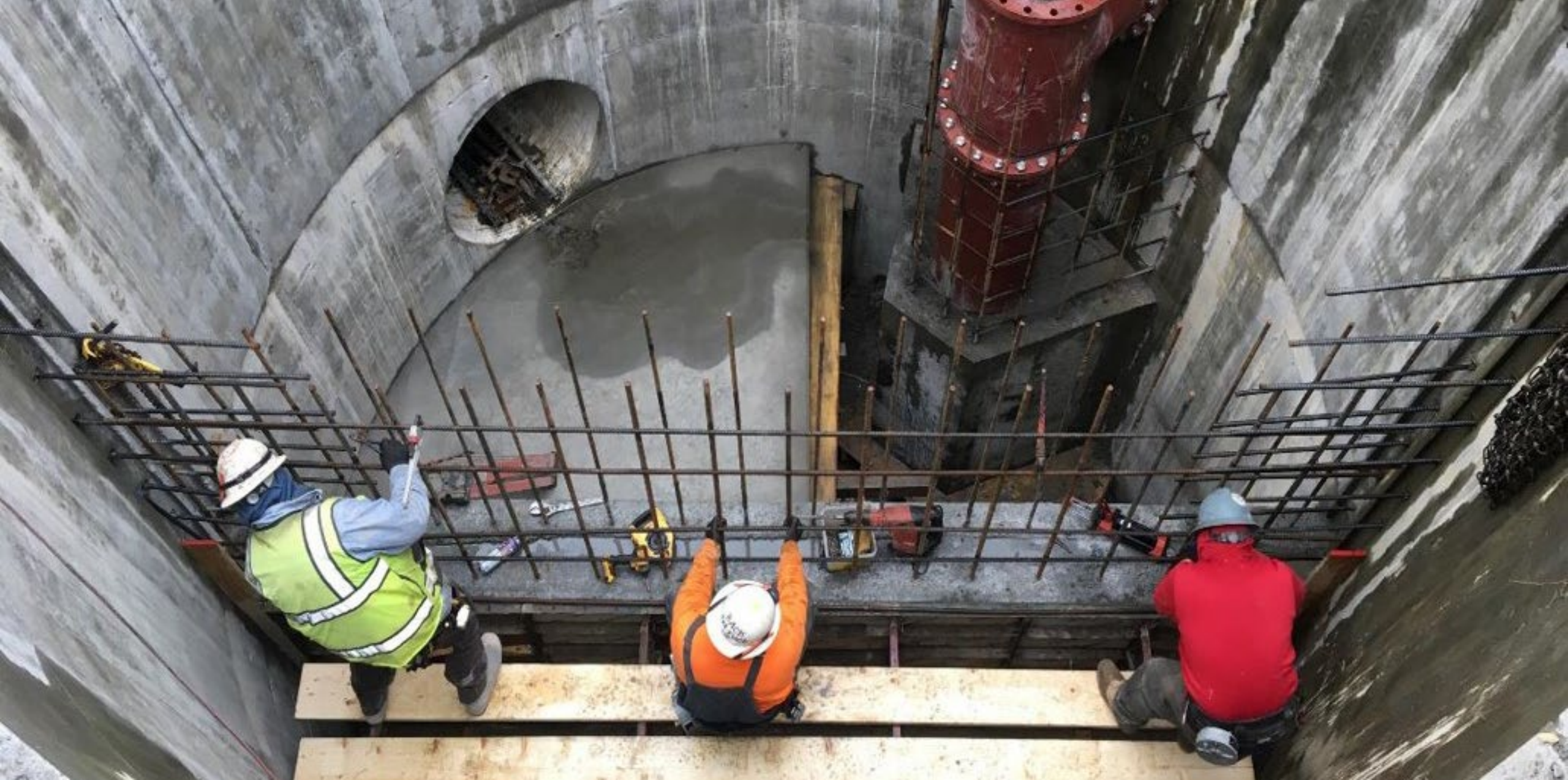


Stormwater Management fee credits

- Reducing stormwater runoff quantity
- Improving stormwater runoff quality
- **neorsd.org/credits**



(216) 881-8247
neorsd.org/save







**Northeast Ohio
Regional Sewer District**

@neorsd #BehindTheBill
community@neorsd.org
neorsd.org/save
(216) 881-8247

