

City of Newark, Ohio Division of Water and Wastewater 2023 Annual Report



Division of Water and Wastewater



City of Newark, OH

"To provide essential services that protect public health, preserve the environment and support sustainable growth of the community"

The Division of Water and Wastewater continues to strive to exceed the expectations of the residents, businesses, community partners and visitors by providing quality drinking water and treatment of the wastewater 365 days per year. The mission listed above is not an easy one to accomplish. Our goal is for customers of Newark to never have to think about if they will have water when they turn on the faucet and what happens when they flush the toilet. If the Division is doing its job, it should seem as though we don't even exist.

However, behind the scenes, we do exist and a group of 70 hardworking, smart, caring, environmentally conscious and dedicated Water and Wastewater employees work 24/7 to ensure the City of Newark has clean drinking water and effective treatment of the wastewater. The day to day work can be thankless and challenging while serving the almost 20,000 water and sewer customers, but I want to reiterate that without these great people, nothing else matters.

This following report presents data and figures to reflect the 2023 achievements, current and future goals, and pictures of some of the work completed. As the City of Newark and surrounding Licking County communities continue to prosper, it will be even more important for the Division to focus on meeting the current needs of the community, but also looking ahead to meet the challenges of the future. The goals listed below are not all encompassing, but will serve as a road map for the future of the Division of Water and Wastewater.

- Focus on completing multiple water and wastewater projects already under construction.
- Develop short and long-term Master Plans for the Water and Wastewater systems to ensure we are prepared for current and anticipated growth.
- Continue to meet and exceed all Ohio EPA drinking water and surface water requirements.
- Evaluate customer service interactions to ensure customers can create, access and modify account information efficiently and effectively.
- Improve on creative recruitment and retention efforts to hire, and most importantly, retain good employees in a very tight job market.
- Routinely evaluate water and wastewater rates to ensure we are meeting performance goals while staying affordable to customers.
- Be a cooperative partner with our customer, businesses and community members to guarantee Newark continues to be a great place to live and raise a family.

Brandon D. Fox Water Administrator

Bel D Fee

Financial Information

Wastewater Depart	ment		Water Department				
Active Customers		17508	Active Customers		18,969		
Volume Treated		2,600	Volume Billed (MG)	1,606			
Miles of Sewer Line		182	Water Produced				
Miles of Combined		57	Miles of Water Line		2,679 244		
Lift Stations		16	Booster Stations		3		
			Storage Facilities		2		
Expenses (excluding	capita	al funding and projec	ets)				
Wastewater - Expens	_	3 1 0	Water - Expenses				
Administration	\$	2,746,408	Administration	\$	2,683,772		
Treatment	\$	2,612,498	Treatment	\$	3,179,295		
Sewer Maintenance	\$	744,974	Distribution	\$	1,452,908		
Environmental Lab	\$	385,719	Meter Shop	\$	226,221		
Debt Retirement	\$	4,949,915	Debt Retirement	\$	1,631,036		
Total	\$	11,439,514	Total	\$	9,173,232		
Revenue			Revenue				
Rental (sewer service)	\$	4,258,277	Sales	\$	6,379,989		
Administration	\$	1,702,397	Bulk Water	\$	17,519		
Debt Retirement	\$	3,464,304	Delinquent	\$	213,169		
Surcharge	\$	618,544	Meters	\$	41,675		
Capacity Fees	\$	252,442	Tap Fees	\$	46,027		
Trucked Waste	\$	936,730	Capacity Fees	\$	149,542		
Transfers	\$	368,746	Deposits	\$	155,836		
Miscellaneous*	\$	517,235	On Account	\$	367,712		
Total	\$	12,118,675	Backflow Fee	\$	75,767		
			Miscellaneous*	\$	1,676,457		
			Total	\$	9,123,693		
Debt Service Ratio		1.22			1.16		
Percent Debt		43%			18%		

^{*} Includes \$1,242,531 in transfers from sewer fund and \$209,445 from stormwater for water administration costs

Water Rate Comparison for 6,000 gallons of Usage (8 Units)

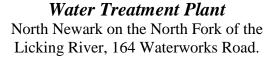
with the companies of subset (a cities)														
	Granville		Heath		Johnstown		SWLCWS		Columbus		Lancaster		Newark	
Water	\$	37.56	\$	51.84	\$	70.30	\$	55.21	\$	39.19	\$	59.46	\$	29.52
Wastewater	\$	44.82	\$	54.33	\$	50.93	\$	101.43	\$	51.88	\$	77.84	\$	40.15
Total	\$	82.38	\$	106.17	\$	121.23	\$	156.64	\$	91.07	\$	137.30	\$	69.67

Water and Wastewater Facilities

The Division of Water and Wastewater is made up of six departments at four different base locations throughout the City. Other Facilities include 16 Sanitary Lift Stations, 3 Water Booster Stations, 2 Water Storage Facilities and 2 Auxiliary Water Wells.



Wastewater Treatment Plant
East Newark on the Licking River at East
Main Street and Ecology Row.





Water Administration Office, Meter Shop and Water Engineering Downtown Newark, 34 South 5th Street

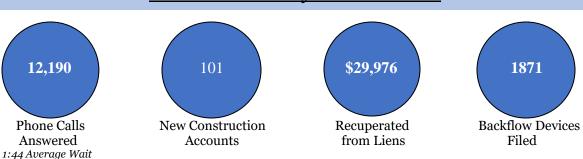


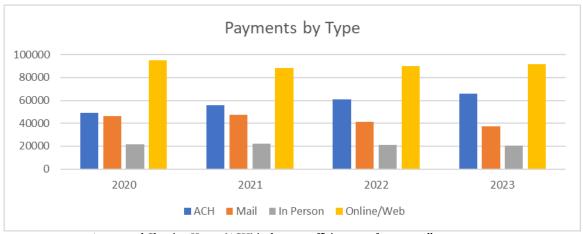




Time

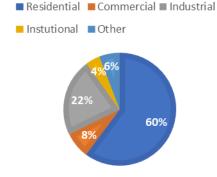
Achievements by the Numbers





Automated Clearing House (ACH) is the most efficient way for us to collect revenue.

REVENUE BY CLASS



Top 5 Consumers

Owens	536,138 gpd
Anomatic	441,843 gpd
Tamarack Farms Dairy	144,737 gpd
Licking Memorial Hospital	127,754 gpd
Mobile Power Wash (Industrial Water)	91,301 gpd

Account Delinquency Report

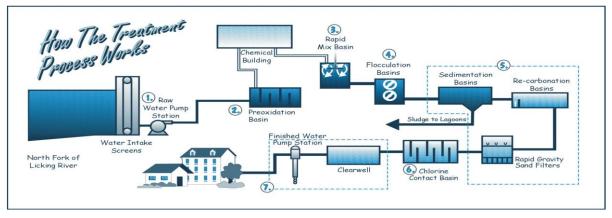
Amount Delinquent as of 12-31-2023 (>90 days) \$121,000 Amount Delinquent as of 12-31-2022 (>90 days) \$127,000

Delinquent amounts are being collected through withholding of services, placing liens on properties and in-house collections.

2024 Goals

- Further promote self-service habits to customers for increased efficiency.
- Complete Data Collecting Unit Upgrades.
- Update Rules and Regulations
- Continue with our focus on larger meters and create meter testing SOP and schedule.

Water Treatment Plant



Ohio EPA Chemical Monitoring Averages for 2023

Fluoride	0.97	mg/L
pH	8.75	S.U.
Phen. Alkalinity	2.17	mg/L
Total Alkalinity	45.1	mg/L
Stability	-4.9	mg/L
Hardness	107	mg/L
Phosphate	0.18	mg/L
Free Chlorine	1.43	mg/L
Combined Chlorine	0.13	mg/L
Nitrate	2.15	mg/L
Turbidity	0.07	NTU
TOC (raw)	2.76	mg/L
TOC (finished)	1.29	mg/L
Lead (90th percentile)	0	ug/L
Copper (90th percentile)	0	mg/L

Major Projects Completed in 2023

- Backwash Recycle pump #2 rebuilt
- Installed Raw water monitoring devices (pH, Turbidity, Ammonia, Temperature)
- Installed Inline fished water meters (Fluoride, pH, Chlorine)
- Completed 1 basin cleaning cycle
- Rebuilt check valves on high service pumps 1 and 4
- Installed new orthophosphate metering pumps and associated plumbing
- Rebuilt sanitary station at the plant
- AMP, collaborating with ARCADIS
- HVAC system controls upgrade
- Sludge pump #2 replaced
- Filter 6 Controls replacement

Visit our website for more information on your water https://www.newarkohio.gov/water-wastewater/

Production Data for 2023

Daily Average Production 7.07 MGD Yearly Total Production 2,580.4 MG

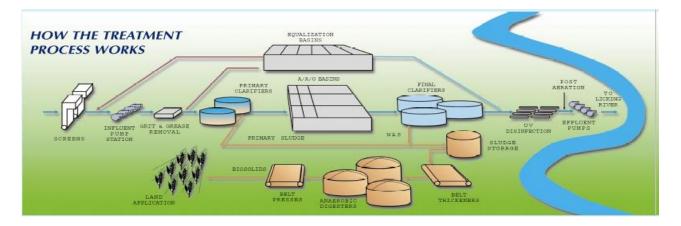
Major Project Goals for 2024

- Lime Sludge #3 lagoon hauling (Cont.)
- River Dredging
- #3 Outfall Structure Rebuild Project
- Metal Roof Replacement, Admin buildings
- CO2 System Replacement Project
- New Inline Fluoride Analyzer Installation
- Filter Turbidity Meter Replacement 10 of 10
- Filter #1 Control Replacement
- Backwash Recycle Pump Control Replacement
- New Roof on Sludge House
- New Sodium Hypochlorite tanks and plumbing
- Lime Silo Power wash/Painting





Wastewater Treatment Plant



2023 Plant Operation Data

Annual Average

Ave. Flow	Raw Suspended Solids	Final Suspended Solids	% Removal Suspended Solids	Raw CBOD	Final CBOD	% Removal CBOD	Raw Ammonia	Final Ammonia	% Removal Ammonia
MGD	mg/l	mg/l		mg/l	mg/l		mg/l	mg/l	
7.1	196.3	2.7	98.6%	95.7	2.9	97.6%	14.3	1.92	86.6%

Major Projects Completed in 2023

- Replaced roof on the Influent pump building.
- Minor repairs to several of the plant roofs.
- Replaced remainder (6) of obsolete Programmable Logic Controllers (PLC) along with upgrading associated SCADA screens.
- Added radar level indicators to influent wet well.
- Painted Environmental Lab cabinets.
- Replaced VFD for #2 belt thickener.
- Replaced mag meter for #1 Thickener.
- Painted Final Clarifier Bridge, motors and baffle.
- Replaced mag meter for WAS flow.
- Replaced Roof Hatch on Dewater Building.
- Replaced grit trough lining.

Major Project Goals for 2024

- Continue Replacing impellers on Return Activated Sludge pumps.
- Replace Mixed Liquor Suspended Solids meter.
- Replace #1 Influent pump wear rings.
- Replace mag meter for #2 thickener.
- Continue painting projects.
- Continue replacement of aging equipment.
- Replace #4 Influent Pump Motor.
- Replace Non-Potable Water system mag meter.
- Repair concrete throughout the plant site.



Upkeep of Plant Equipment

During this year we had Coleman Painting sandblast, scrape and paint one of our final clarifiers. It is crucial to the life of equipment to protect it from the elements. This process is done on average every 8-10 years. This year we also replaced a membrane roof on our Influent Pump building to protect the integrity of the structure. Membrane roofs are guaranteed for 20 years. This would be the second time the membrane has been replaced.





Final Clarifier





Influent Pump Building New Roof



Water Distribution

Accomplishments: 2023

- Maintain street and property maintenance.
- Renewed 106 water services.
- Installed 11 new water taps.
- **▶** Discontinued 15 water services.
- Repaired 31 water main breaks.
- Replaced 10 fire hydrants.
- Repaired 89 fire hydrants.
- Annual flushing program completed.
- Painted 664 fire hydrants.
- Helped with 4th street project, Line stops new valves etc.
- Leak detection, 5600 ft of water main completed.
- Worked Valve Maintenance program.
- New Water Main Installation. N33rd at Moundbuilders Rd and Parkview Rd, Hollander @ Cherry Street, 70 Wilson Street, 891/895 W Main Street, Burt @ Hunt, Priest @ E Stevens Street.
- Implemented electronic tablets for field staff to have real time data while working in the field.

Goals for 2024

- Upgrade water main on Pierce Ave.
- Continue to upgrade old galvanized water services.
- **Continue fire hydrant flushing.**
- Resume valve maintenance program.
- ➤ Continue valve and leak detection program.
- **Continue high quality service to water customers of Newark.**



Sewer Maintenance

Accomplishments: 2023

- ➤ Responded to 22 plugged sewer orders on city mains
- > Responded to 85 plugged orders on owners.
- > Televised 21.9 miles of sewer main.
- > Cleaned 23.95 miles of sewer main.
- ➤ Inspected CSO overflows 64 times after rain events
- ➤ Manholes Worked, 25 repaired or replaced
- **▶** Manhole inspections 578 completed.
- ➤ Assisted with Combined Sewer Overflow eliminations by modifying CSO structures

Goals for 2024

- > Continue televising sewer mains to determine if repairs are needed in a effort to reduce the chances of catastrophic sewer failure.
- Complete upgrade of sanitary and storm lift stations with SCADA monitoring system.
- **Continue to monitor for long term control plan.**
- > Continue with preventive maintenance work on manholes and sewers to provide customers with reliable and uninterrupted service.



Engineering/Construction

Fourth Street Sewer Separation

Description Part of Long-Term Control Plan as required by our NPDES Permit. Separation of sewers on 4th Street from National Drive Pump Station to Locust Street, Locust Street to Granville and Granville to State Route 16 Bridge. Work will include new sanitary, storm and water lines.

Separation of combined sewers to reduce overflows to mandated levels.

Cost \$27,181,183

Issues June 2023 milestone was met for all sanitary and sewer separation to occur. Working to finalize

punch list items and complete project.

Schedule Anticipated final closeout 2nd Quarter 2024

East Side Water Transmission Line

Description Installation of approximately 3 miles of 16" water line to loop system from New Haven Ave. to

Dayton Road area. This line will improve water quality, provide better fire protection.

Cost \$4,300,000- Funded by Ohio Dept. of Development Grant

Issues Coordination with County on impacts to roads and needed improvements to asphalt.

Schedule Project started 3rd quarter 2023 and underground work is completed. Anticipate final asphalt and

landscaping completed 2nd Quarter 2024.

Thornwood - Faye Drive Booster Stations

Description Installation of a new booster station on Faye Drive and upgrading the existing station on

Thornwood Drive. The current status of the Southwest Pressure Zone is that there is one booster station to supply pressure to the entire area. While this station has a back generator for

emergencies a second complete station is needed to insure consistent service to this area.

Cost \$4,111,281.40

Issues Coordination with Thornwood Drive/Cherry Valley Road bridge replacement and River Road

Sewer project is critical.

Schedule Construction started 3rd Quarter 2023 with waterline replacement portion. Currently installing

new Faye Dr. booster station. Anticipated completion 4th Quarter 2024.

Lead Service Line Replacements #1-3

Description Replaced approximately 700 non-copper or plastic service lines within the system. Identification

of service line material is an on-going process and an <u>interactive map</u> of service line material has been developed. Part of the Ohio EPA mandate to remove all lead from the drinking water system.

Cost \$3,795,771 total – (\$2,053,089 ARP funds and \$819,061 OWDA 0% interest loan)

Issues All eligible customers must sign <u>agreement</u> for City to work on private water line.

Schedule LSL #1- 100 services completed 2nd Quarter 2023, LSL #2- 200 services replaced by 1st Quarter

2024. LSL #3- 400 services replaced by 2nd Quarter 2024.

Lead Service Line Replacement #4-5

Description Replacing 1,100 non-copper or plastic service lines within the system. Identification of service

line material is an on-going process and an <u>interactive map</u> of service line material has been developed. Part of the Ohio EPA mandate to remove all lead from the drinking water system.

Cost \$4,084,875 total – (\$1,919,891 OWDA 0% interest loan)

Issues All eligible customers must sign <u>agreement</u> for City to work on private water line. Schedule LSL #4 start construction 2nd Quarter 2024 and LSL #5 start 3rd Quarter 2024.



Lead Service Line Replacement #6-12

Description Replacing approximately 4,000 non-copper or plastic service lines within the system.

Identification of service line material is an on-going process and an <u>interactive map</u> of service line material has been developed. Part of the Ohio EPA mandate to remove all lead from the drinking

water system.

Cost **\$20,000,000**

Issues All eligible customers must sign <u>agreement</u> for City to work on private water line.

Schedule 1,000 Services per year for Project years 2024-2028.

UV Upgrade - WWTP

Description Installation of a new Ultraviolet Light disinfection system to replace the existing system. UV

system was functional May 2022 and weir covers were completed September 2022.

Cost **\$5,123,980**

Issues Substantial completion February 2024

Schedule Anticipated Final completion 2nd Quarter 2024

Raccoon Creek Streambank Restoration

Description This was a cooperative project with the US Army Corp of Engineers (USACE) to rebuild a low

head dam on the Raccoon Creek. The dam was failing and needed repair. This dam is designed to

protect existing water and sanitary lines as well as prevent erosion along State Route 16.

Cost City portion (35%) \$1,426,000 Issues Coordination with USACE

Schedule Construction started August 2022 and completed 3rd Quarter 2023.

WTP Instrumentation Upgrades

Description Updating plant monitoring system with new PLC's and SCADA system.

Additional controls for water treatment processes are being added as well as storage tank monitoring on Horns Hill and River water quality metering. Replacing failing SCADA radio

systems on remote water booster stations and sanitary pump stations.

Cost \$3,113,536.36

Issues Coordination with SCADA for Plant outages Schedule Anticipated completion 2nd Quarter 2024

South Second Street

Description Part of the Long-Term Control Plan, this project will connect the separated sewers in the

downtown area to the Interceptors along the South Fork of the Licking River and then to the treatment plant. This will also add a storm water line from the same area and replace aging water

lines in the same area. Reduction of CSO's and new infrastructure.

Cost \$13,525,853

Issues Coordination with Floodwall improvements on 2nd Street. Coordination with traffic and entrance

improvements at Don Edwards Park and Ohio Street. Coordination with businesses and residents

on 2nd St and traffic patterns.

Schedule Construction started April 29, 2024 and anticipated completion by 3rd Quarter 2026

River Road Sewer

Description Installation of 3,400 feet of gravity sewer line on River Road connecting Park Trails to

Reddington Road. Replacing a sanitary lift station and force main with a gravity system. Work is

part of the Thornwood Drive/Cherry Valley Bridge Project

Cost Engineers estimate \$4,430,738- Submitted for Ohio Dept. of Development Grant Feb. 2024.

Issues Coordination with ODOT bridge project and pending land acquisitions as part of Thornwood

Bridge/Roundabout project. Deep (30-35') sewers on east end of River Road. Coordination with

residents and traffic patterns due to required shut down of River Road.

Schedule Design is 100% complete and pending ODD grant award to bid 3rd Quarter 2024



16 North Project: In Preliminary Design

Description Part of the Long-Term Control Plan, this sewer separation project will include area north of SR 16

at Hudson Ave and along SR 13 to Rugg Ave. Reduction of CSO's and new infrastructure

Cost **\$85,000,000**

Issues Largest CSO project to date and may need to be completed in phases. Impact to traffic patterns on

Hudson and Mt. Vernon Road. Coordination with ODOT for Log Run Bridge replacement. Potential flood control improvements of Log Pond Run, neighborhood revitalization and storm

water removal from residences.

Schedule Complete design by 2nd Quarter 2025 and Construction complete by 2nd Quarter 2028

Licking River Dam Improvements (Spillway remediation):

Description Address deficiencies identified by the State of Ohio Dam Safety Authorities. Create overflow

channel on east side of dam to direct flows to a control structure that will discharge to the river

approximately 200 ft downstream.

Cost \$322,632

Issues Coordination with Horns Hill Roundabout project

Schedule Start Construction 3rd Quarter 2024 and substantial completion 4th Quarter 2024

Water System Capacity Study

Description Develop high level overview of Licking River firm capacity, WTP capacity and potential impacts

of western Licking County demand

Cost **\$140,000**

Issues Coordination with AMP Development

Schedule Draft study completed 1st Quarter 2024 and Final report 4th Quarter 2024

Water Asset Management Plant Development

Description Develop Asset Management Plan for Water System as required per OEPA and WSRLA funding

for LSL projects. Will provide Planning level recommendations for 5-20 year CIP at Water Plant.

Cost **\$400.000**

Issues Coordination with Water System Capacity Study.
Schedule Started 1st Quarter 2023 and completed January 2024

Wastewater System Master Plan

Description Evaluation of Wastewater Plant current and future flow and loading conditions, high level

condition assessment of major assets, develop a process and hydraulic capacity model, evaluate and recommend nutrient removal improvements required to meet a 5.0 mg/l and 1.0 mg/l Total Phosphorus limit, evaluate the solids handling and septage receiving facilities and recommend improvements required and develop implementation schedule, capital improvement budget and

high level financial analysis to meet future conditions.

Cost \$300,000

Issues Understand existing infrastructure and planning to meet 5-20 year growth projections

Schedule Draft study completed by 1st Quarter 2025



City of Newark Division of Water and Wastewater Future Projects 2024

Water Tower painting

Description Replace aging coating on water tower

Purpose Sandblast and Paint Water Tower to prevent corrosion

Cost Engineers estimate- \$400,000 - Submitted for Ohio Dept. of Development Grant

Issues Tower must be out of service during rehabilitation

Schedule 3rd Quarter 2024

Water Treatment Plant Rehabilitation

Description Based on Asset Management Plan, repair/replace existing infrastructure at WTP. Plant was built

in 1943 with last major upgrade in 1996. Over 30% of assets are at or near failure. Will need to

evaluate current treatment capacity and future capacity requirements.

Cost Engineers estimate \$25,000,000

Issues Coordination of current production with Water Capacity Study to determine potential expansion

needs.

Schedule Preliminary Study 2025, Detailed design 2026-2027, Anticipated Construction 2028.



Stormwater

Small Drainage Projects completed in 2023

- Pembroke Ct. outfall stabilization
- North Newark Little League facility creek stabilization
- Crimson Dr. sump pump tie-in
- Highbanks Valley Ct. rear yard regrading and catch basin modification
- SR79 at White Field and West Main St. catch basin repairs
- Culvert and swale clean out at Country Club Drive and OSU Newark campus
- 2022 small drainage follow-up: repair sewer lateral and sidewalk on O'Bannon Ave.

Fleek Ave. Pipe Repair through Levee Project

- Trenchless CIPP lining on 375' of 15' pipe
- Hydro excavation on two sections of pipe
- Verify pipe condition per USACE, and holes filled with LDF



Tree Work completed in 2023

- Log Pond Run clean out between Goosepond Rd. and Baker Blvd.
- Log Pond Run Diversion Channel brush clearing at Sharon Valley Rd.
- Drainage ditch clearing near Tamarack Rd.

Log Jam Removals completed in 2023

- North Fork Licking River at Waterworks Dam
- Log Pond Run at Buckingham St.
- West Church St. over Raccoon Creek

Education/Outreach in 2023

- Backyard Conservation Day
- Legend Elementary School 3rd grade science day in classroom
- Legend Elementary School 3rd grade Wastewater Treatment Plant Tour
- YMCA day camp creeking
- Hartford Fair booth
- Downtown Newark Association STEMfest

Stormwater Credits Program Activity in 2023

- 19 business credit recipients in 2023
- 12 school credit recipients in 2023
 - Seven educator trainings offered

<u>Licking River Round Up Clean Up – September 9, 2023</u>

- Four base locations in Newark
- 240 participants, county-wide
- 25,320 lbs. of trash, 1,160 lbs. of scrap metal, and 120 tires removed, county-wide
- 26 poster contest entries
- Mini River Round Up at Hudson Ave. neighborhood cleanup event in the spring

Levee Maintenance in 2023

- Design work for gate and levee improvements, continued in 2023
- Vegetation maintenance, including mowing and spraying, continued in 2023

Watson Road Landfill Maintenance in 2023

- Explosive Gas Monitoring was conducted in the spring and fall
- Mowing continued in 2023
- Weekly sampling continued in 2023

Other 2023 Accomplishments:

- Salt barn constructed to meet EPA containment requirement
- Wells Ave Storm Sewer Feasibility Study began
- 70 households participated in leaf pick up program
- 121 construction sites inspected
- 137 post-construction BMPs inspected
- 63 dry weather screening inspections of outfalls
- 32 plans reviewed, with 13 of them requiring SWPPP review and approval
- 18 city employees attended illicit discharge training
- 891 storm inlets/catch basins inspected
- 438 storm drain markers installed
- MOU with Licking County Soil & Water Conservation District continued in 2023





Human Resources

Over 3	O Years of Servi	ce	25-29 Years of Service					
John Kreager	Dist./Collection	1986	Jeff Postle	Distribution	1996			
Randy McDaniel	Wastewater	1988	Paula Carpenter	Water Office	1996			
Trent Johnson	Meter Shop	1990	Andrea Beichler	Water Office	1997			
Nancy Taylor	Wastewater	1990	Lori Bane	Water Office	1997			
Jeff Krauskopf	Wastewater	1992	Ed Metzger	Water Plant	1997			
Bryan Curry	Wastewater	1993						
			15 to 19 Years of Service					
20 to 24	4 Years of Servi	ce	James Robb	Collection	2004			
Catherine Austin	Water Office	2000	Angela Reischman	Wastewater	2004			
Keith Hampshire	Water Plant	2000	Trophy Iler	Water Office	2005			
Ed Clark	Stormwater	2000	Shawn Wagner	Water Plant	2005			
Mary Hull	Water Office	2001	Mark Patznick	Water Office	2006			
Jay Fisher	Wastewater	2002	Josh Wilson	Dist./Collection	2006			
Drew Forgrave	Dist./Collection	2003	John Lee II	Water Plant	2007			
10 to 14	4 Years of Servi	ce	New Hires					
Kevin Rodeniser	Distribution	2008	Adam Annarino	Water Plant				
Lindsey Brighton	Stormwater	2009	Shawn Brooks	Wastewater				
Mike Troyer	Water Plant	2010	Joshua Drumm	Water Distribution				
Fred Nance	Wastewater	2011	Brett Green	Water Office				
Bob Walton	Water Office	2011	Ben Petersheim	Wastewater				
Cole Tharp	Water Plant	2011						
Linda Elk	Water Office	2012						
Scott Knighton	Wastewater	2012						
Avg. Age as of 1/2	2023 - 48.2							
Avg. Years of Serv	vice with the City -12.2	2						