



WICHITA WATER WORKS



**2024
Annual Report**





Investing in our water infrastructure is essential to ensuring the vitality and sustainability of our community – now and for future generations.

-Mayor Lily Wu,
City of Wichita



2,000+ Employees on Site!

A project of this scale and magnitude requires a lot of coordination of materials, equipment, skilled craft workers, service providers and more. Since construction began in early 2020, more than 2,200 people have worked on site. At peak construction, approximately 350 people were on site in a given day!

Building a Legacy

As Wichita's Northwest Water Facility (NWWF) nears completion, we are reminded that this project is a significant piece of a decades-long plan to diversify the City's water supply. The City receives water from multiple sources including surface water from Cheney Reservoir, groundwater from the Equus Beds Aquifer and water from the City's Aquifer Storage & Recovery project, a 2015 international project of the year finalist. Today, a blend of these sources is treated and distributed to residents. With this new facility, the City will have the capability to treat any blend of water sources OR treat water from each source independently, allowing for more flexibility and less reliance on a given source of water, making Wichita more resilient to drought conditions.

Nearly 30 years ago, the City of Wichita implemented their 'Local Water Supply Plan,' an intentional plan to invest in the City's raw water sources to secure the community's water supply for generations to come. This plan outlined critical steps to secure the City's future water supply—conservation, changing the water utility rate structure, changing the blend of water sources to better align with drought conditions and expanding the City's water supply through innovation.

Once completed, the NWWF will not only replace aging infrastructure but will also address the goals of the City's 30-year plan and provide a foundation for a reliable and successful utility for years to come. The new facility will serve the residents of Wichita and surrounding communities with safe, clean drinking water for future generations. With a capacity of 120 million gallons per day, the NWWF will serve more than 17% of Kansans with reliable drinking water and will replace the City's existing 80+ year-old water treatment plant.

This legacy \$500 million infrastructure project is the largest capital investment in the City of Wichita's history and is estimated to provide the region with \$2 billion in economic stimulus. With more than 80% of contracted dollars staying local to Wichita businesses, this project has not only boosted the City's economy but has also employed thousands of local workers and utilized the services and capabilities of hundreds of local businesses and contractors.

Throughout 2024, the NWWF will undergo significant performance testing and activities related to commissioning and starting up the plant. The City will also be training and hiring operators and anticipates the plant will be serving the residents of Wichita and beyond with clean drinking water in 2025!



For over a decade, the City of Wichita has worked to secure a sustainable water supply for the community, with the new plant being the anchor of that effort. The Northwest Water Facility is designed to serve multiple generations through population growth, evolving regulations and regional drought cycles. The new facility bolsters Wichita's drought resiliency by providing the ability to treat any mixture of water sources, a key element in weathering the most extreme droughts.

- Gary Janzen, PE
Director of Public Works & Utilities, City of Wichita



One Million Labor Hours Event

In May of 2023, the project team celebrated a huge milestone of hitting one million labor hours. The celebration included a BBQ lunch prepared and served by members of the project leadership team along with a bi-lingual presentation with Gary Janzen, Director of Public Works & Utilities for the City of Wichita, Mike Gibson, President of AGC of Kansas, and project leaders. Once completed, leadership anticipates more than 1.6 million labor hours will have gone into constructing the NWWF.

Women in Construction

Numerous women have contributed to the design and construction of Wichita's Northwest Water Facility – process engineers, electricians, steel workers, project managers, architects and more! Nationally, women make up 10% of the construction workforce, an increase of more than 30% since 2016 according to the Institute for Women's Policy Research. The talented group of women working on this project have brought diverse perspectives and skills to the job site. Their presence not only diversifies and enriches the industry, but also inspires future generations of women to pursue careers in construction and engineering.



Mariah Schroeder

In a way, Mariah Schroeder made a significant impact on the Northwest Water Facility even before the project's existence. With a bachelor's and master's degree in civil engineering from Purdue University, Schroeder specialized in municipal water facility design. Early in her career, she contributed to the Integrated Water and Sanitary Sewer Master Plan for the City of Wichita. The plan helped prepare for projected population changes and identified solutions for aging infrastructure, which paved the way for the Northwest Water Facility project.

Schroeder, a Process Field Engineer with Burns & McDonnell in Kansas City, brings eight years of experience to the construction site. Tasked with her first extended field assignment, she played a crucial role in process design integration site-wide, working closely with subcontractors and contributing to the startup and commissioning team. Schroeder's ability to bridge the gap between designers and contractors has been instrumental in driving progress and finding effective solutions to construction challenges. "The contractors in Wichita are impressive," said Schroeder. "They've proven to be productive, reasonable and collaborative within our team so that we can deliver a great project for the City of Wichita." Schroeder credits the collaborative nature of progressive design-build for delivering a high-quality facility for the City.



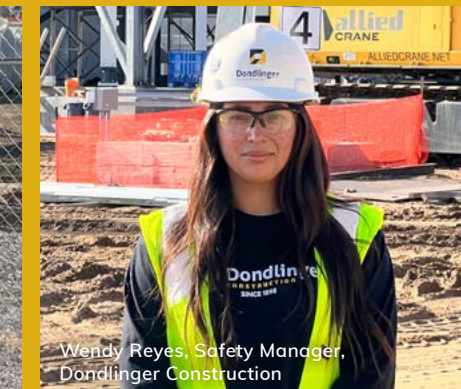
Jessica James

Jessica James leads communications and public outreach for the NWWF. A native of Wichita, James is proud to play a key role in the largest infrastructure project in the City of Wichita's history. A project of this scale comes with significant community engagement and outreach. Much of James's work is focused on keeping the community and stakeholders informed in advance of any disruptions caused by construction while building trust with the community and mitigating risk for the City of Wichita.

Beyond telling the project's story and keeping the community apprised of construction activities, James and her team have been instrumental in helping the City exceed their participation goals with local and emerging businesses through a series of workshops and events to bring awareness to the opportunities to contract on the project. More than 80% of all contracted dollars have stayed local to Wichita and more than 12% of contracted dollars have gone to emerging, disadvantaged, minority-owned and/or woman-owned businesses. "We've not only created new job and business opportunities, but we've also generated interest and excitement for this important infrastructure project that will serve nearly 20% of Kansas with clean drinking water."



Annie Van de Riet, Project Controls, Burns & McDonnell



Wendy Reyes, Safety Manager, Dondlinger Construction



Alex Wampler, Process Engineer, Burns & McDonnell



Christina Long, Founder, CML Collective



Sarah Unruh, PE, Design Lead, Professional Engineering Consultants (PEC)



Chitra Foster, Senior Design Integration Manager, Burns & McDonnell



Meredith Butler, Project Engineer, Alberici



Shari Folds, Electrician, Decker Electric

Public Outreach & Offsite Construction

Connecting the City's existing water system to the Northwest Water Facility has required a significant amount of construction at various locations throughout the City. This work has directly impacted residents, business owners and commuters and has required on-going communications and public outreach.

The project team has managed up to five work areas at a given time and all construction has been performed by local contractor Wildcat Construction. The team has collaborated closely with the City and impacted stakeholders to minimize disruptions and keep residents informed in advance of work activities. Beyond laying pipes and connecting the existing system to the new system underground, crews have also installed fiber optic cables and sludge lines to support the new water treatment plant.

Riverside Connections

In the Riverside neighborhood, crews have been working since summer 2023 to install a new bypass pipeline that will carry finished water to the City's Hess Pump Station for final distribution of drinking water to the City's residents. Work has taken place near the City's existing water treatment plant along Murdock Street, Pine Street and Museum Blvd., installing new pipes and completing four major tie-ins to the City's existing water treatment system.



Much of this work has happened well below street surfaces at depths up to fifteen feet. Crews are working to install pipes spanning 42" to 84" in diameter. The work has required numerous road closures, detours, and on-going coordination with residents and impacted businesses, and is expected to be completed in summer 2024.

In conjunction with the above bypass work, crews mobilized in November 2023 to excavate and install the new Hess Flow Control Vault. Located nearly 20-feet below ground, the vault will contain control valves for the distribution of finished water to the existing Hess Pump Station and is anticipated to be completed summer 2024.

West Street

Just to the north and east of the plant along West Street, crews mobilized in July 2023 to begin installing a new 10-inch sludge line. This line will be responsible for transferring residuals from the water treatment process at the new plant into the City's existing sludge lagoons. The installation of this line required intermittent closures of West Street and took crews about nine months to complete.

Air Vents

The final piece of offsite work is anticipated to begin this summer. Crews will again be working in the Riverside neighborhood to modify existing underground vents to above ground vents. This work will allow crews to convert an existing 64-inch waterline to a finished water line that will transfer treated water to the Hess Pump Station for distribution to residents and businesses throughout the City of Wichita.



Wildcat Construction

Taylor Robillard, a Project Manager and Estimator with Wildcat Construction, plays an integral role at the NWWF. With a decade of experience under his belt and a bachelor's degree in Construction Science Management from Kansas State University, Robillard brings a unique local perspective to the project. A Wichita native, his commitment to enhancing his hometown's infrastructure is evident through his involvement in other local projects like the East Kellogg expansion and the Dwight D. Eisenhower Airport development.

At the NWWF, Robillard oversees all of Wildcat's work for the project including the Headworks, Chlorine Contact Basin, High Service Pump Station, Storm Water Pump Station and offsite piping. He's also responsible for procurement, scheduling and financial management. This multi-year project has come with challenges, notably maintaining a healthy and well-prepared team throughout the duration of the project. When the new water treatment plant is completed, nearly every crew in the Wildcat company will have worked on the NWWF. "I have been able to see the entirety of the project from a vacant property to a nearly finished project which has been a unique experience among local contractors."



Since graduating high school, Wichita native **Jason Unruh** has been involved in the trades in various capacities, including electrical and facility management. Since starting with Wildcat Construction as a Project Manager nearly five years ago, Unruh has worked on several large projects for the City of Wichita which prepared him for his current role. At the NWWF, he is responsible for critical tasks like offsite piping, which includes installing large diameter pipes and managing complex waterline tie-ins. Working on Wichita's oldest and most crucial water lines requires unique problem solving to complete a seamless integration with the City's water supply.

The sense of pride and accomplishment in contributing to such a significant and lasting project for his hometown resonates deeply with him and his team. "This project, which some have described as a legacy project, is not one that comes around too often," said Unruh. "To play a part in the overall team of dedicated and qualified individuals constructing and delivering a new water treatment plant for our community has been one of the most rewarding and honorable parts of my career."



Wildcat is very fortunate to have a great team of people with broad skill sets that are able to transition from area to area.

-Taylor Robillard

Project Manager and Estimator, Wildcat Construction

Developing the Next Generation of Local Construction Leaders

Apprenticeship Wrap Up

Over the last three years, Wichita Water Partners has funded more than \$65K in tuition, books and fees for students pursuing degrees and certifications in the construction industry. The students attended construction science classes at WSU Tech while also working full-time as apprentices on site at the NWWF with Wichita's leading construction contractors. Sponsors of the program included CAS Constructors, Decker Electric, Dondlinger Construction and Wildcat Construction.

The partnership offered participants a path to 'fast track' their construction careers by giving them on-the-job training under the guidance of a mentor. The two-year program gave students a hands-on experience where they took what they learned in the classroom and applied their learnings to the job site in real time.

Allan Cardenas

Allan Cardenas works on site at the NWWF as a skilled laborer for Wildcat Construction. Cardenas started his construction career in 2022 as an apprentice for Wildcat Construction while studying at WSU Tech. He credits his professors for sharing their decades of valuable experience and lessons learned in the field which he would soon put into action.

Once Cardenas finished the apprenticeship program in July 2023, the Wichita local was hired full-time to continue building the Northwest Water Facility, Wichita's largest capital investment in the City's history. He's worked in many areas of the new plant, mainly the chlorine contact basin (CCB) and the high service pump station. "It's been a very cool experience working on the big 66-inch pipes coming out of the exterior of the building as well as all the interior of the CCB," said Cardenas. "We're working on all the major tie-ins now which has been a great collaboration between contractors and electricians."

When asked about the best part of his role, Cardenas enthusiastically shared his experience with morning safety meetings. "Everyone takes turns sharing information about potential hazards associated with their tasks," said Cardenas. "The open dialogue keeps everyone well-informed about all activities of the project." The dedication to safety and effective communication by craft employees has been instrumental in ensuring the well-being of all workers.



**We see each other as family...
We're here to watch each
other's backs as we keep
improving the City**

Allan Cardenas
Skilled Laborer, Wildcat Construction



James Biagi

In the dynamic world of construction, leadership and expertise play pivotal roles in building groundbreaking projects like the NWWF. James Biagi, Project Manager for Alberici Constructors, exemplifies these qualities. With a decade of experience and a degree in mechanical engineering from Washington University, Biagi helps oversee work at the NWWF and manages Wichita Water Partners' apprenticeship program.

Biagi joined the site in 2021 and has been responsible for overseeing key aspects of the project including the Filter Building, Aerator Structure, Sludge & Basin Drain Pump Station and Lime Residual Mix Tank. One of the unique challenges he's faced has been managing the NWWF's complexity amidst

fluctuating working conditions. "Weather is a continual challenge in the construction industry," said Biagi. "Careful integration of various design partners, suppliers and equipment vendors has kept our team on their toes throughout the project."

Cherith Parnell

The \$500 million NWWF is Cherith Parnell's first project since completing her Architectural Engineering Degree. As a Senior Project Engineer, she's worked on everything from vertical turbine pumps to commercial buildings to commissioning and startup.

Parnell's list of responsibilities includes the administration, maintenance, operations and generator buildings as well as vertical turbine pumps, doors and door hardware. One of the challenges she and her team faced was coordinating the startup of the vertical turbine pumps in the finished water pump station with ongoing construction in the filter building. "We were able to successfully send millions of gallons of water through the filter building to accomplish backwashes and pump testing while leaving filters open for equipment installation to continue," explained Parnell.

Having been on site for more than three years, Parnell says the best part has been her involvement in so many aspects of the project. "I've watched how our project managers execute their scope," said Parnell. "And I've learned all the processes that turn source water into drinking water."



Lauren Glisson

Lauren Glisson, a Senior Project Engineer, brings nearly four years of experience in the construction industry to the team. Having worked on energy and heavy civil projects in Iowa and Michigan, her knowledge in quantity tracking, quality control and document control has been valuable on site at the Northwest Water Facility.

During Glisson's nearly three years on the jobsite, she's demonstrated exceptional problem-solving skills while coordinating inspections and ensuring subcontractors meet required specifications and standards.

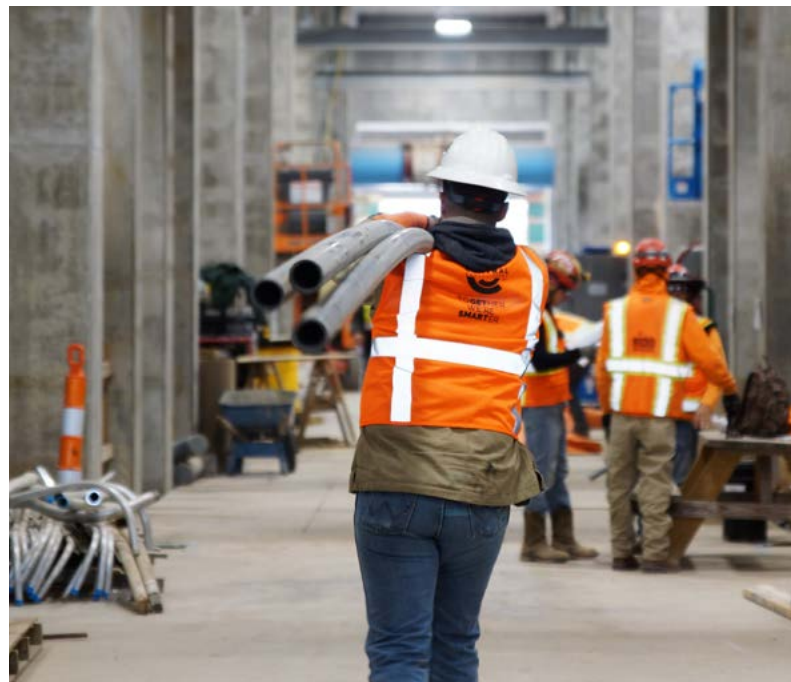
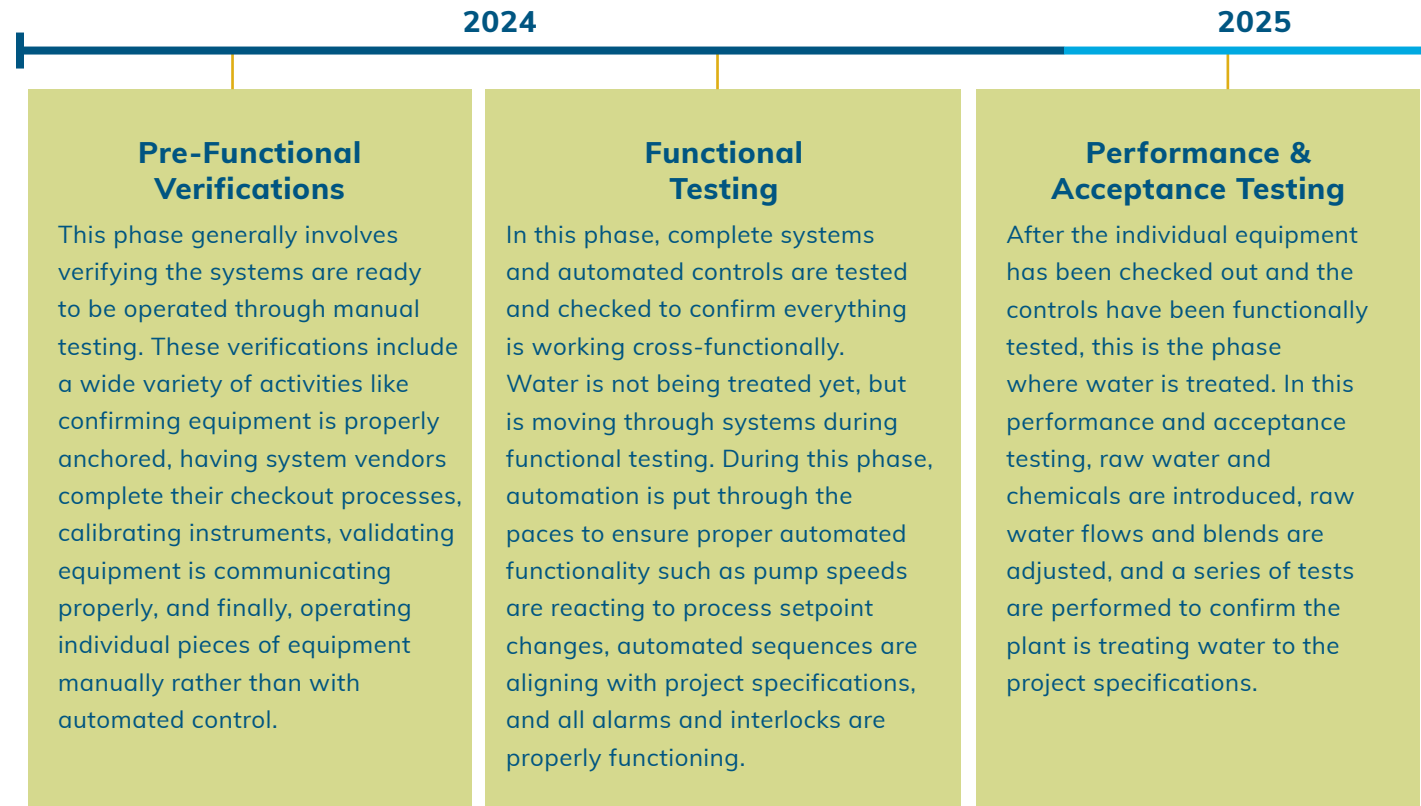
Prior to starting with Alberici Constructors in 2020, Glisson graduated with a degree in architectural engineering from North Carolina A&T State University. Since starting with Wichita Water Partners, Glisson says the best part of her role has been providing innovative solutions that benefit both the craft in the field and the management team.



Serving Generations

The Northwest Water Facility has been designed and constructed to serve generations of Kansans for years to come. In the final months of construction, the project team will oversee activities related to commissioning and startup of the plant, which is anticipated to take twelve months to complete.

Commissioning & Startup Timeline



Project Completion Stats

70,000
CUBIC YARDS
OF CONCRETE

18M+
POUNDS
OF REBAR

450,000+
CUBIC YARDS OF
EARTHWORK

1.6M
TRADE HOURS

17+
MILES OF
PIPE

20,000
SQUARE FEET
OF FINISHED
BUILDING SPACE



Paul Garrett

From the drawing board through commissioning, that's Paul Garrett's commitment to the NWWF project. Garrett is a Senior Civil Engineer who earned a civil engineering degree from Northern Arizona University.

For this project, Garrett says he practically lived in the design trenches. He designed process pipe and led the coordination of all underground utilities. There are more than 17 miles of pipe on site and parts of the site have so many pipe crossings, he says it resembles a bowl of spaghetti. His mission, along with the commissioning and startup team, is to put the entire plant through its paces and make sure it produces high-quality drinking water.

When asked about the best part of his role, Garrett said, "getting to work shoulder-to-shoulder with the construction team. These past few years have been a masterclass in construction. Seeing the site rise from the ground has supercharged my engineering skills and given me a whole new appreciation for the challenges that contractors face. I've really enjoyed being on the same team as the contractors and helping to tackle problems as they come up."

Garrett has been with Burns & McDonnell for four years where he's had many roles in the office and in the field, but this project has allowed him to flex all his engineering skills.



The contractors that have contributed to the Northwest Water Facility are creative problem-solvers and have really worked hard to build a high-quality facility.

-Mariah Schroeder

Process Field Engineer, Burns & McDonnell

Construction Updates

With four years of construction completed and about six months to go, all structures on site have taken shape, all major tie-ins to the City's existing water system and supply are completed, and commissioning, startup and operator training activities are underway.



Clearwells

Highly visible from Zoo Boulevard, the two finished water storage tanks will be the last step in the City's treatment process following the filtration and disinfection stages. These tanks, called clearwells, play a key role in controlling the City's water distribution.

Measuring 80 feet in diameter with 1.5 million gallons of capacity each, these tanks will be used as on-site storage for finished water before sending it to homes and businesses via the High Service Pump Station. To construct the tanks, a total of 18 precast panels were cast and cured on site to create the walls. Each panel stands 43 feet tall. Crews later set the panels on both tanks in just a few days. Then, a three-inch thick concrete dome was placed for a roof.



Lime Silos

Lime plays a critical role in the treatment process by raising pH, softening the water and reducing organic contaminants in the water. The four lime silos are visibly prominent and help to receive and store the lime on site. Combined, the four silos have a storage capacity of 1.7 million pounds of pebble lime.



Powering the Site

Evergy installed the new switchyard on 13th Street and brought a new line into the site. There are four backup diesel generators on site to keep the entire plant moving in the event of a power loss.

The plant has four 2,000 kilowatt generators on site and two 15,000-gallon tanks of fuel storage.

Site power is distributed through a paralleling switchgear lineup that distributes normal utility power but can seamlessly transfer to generator power in the event of a power outage. Depending on the load requirement at the time, one to four of the generators will come online to serve the plant's needs.

Additional redundancy is built into the plant by having each process building run off separate transformers and circuits. This allows for continuous operation in the event of a transformer failure.

Filter Media Loading

The largest single structure on site at the NWWF is the Filter Building. At 62,000 square feet, the building houses sixteen two-story filter bays. Each bay is 26 feet deep and plays a critical role in the water treatment process, filtration. The filtration process removes debris and particles from the water as it passes through two types of filter media—sand and anthracite.

The filter media acts as a physical barrier to absorb contaminants and further treat the water to its final clarity. Approximately 30,000 cubic feet of sand and 43,000 cubic feet of anthracite are needed to fill the sixteen filter bays.

Each layer of media placement requires a thorough backwashing and scraping sequence to get it to settle evenly in the filter bays. To achieve this, the media is backwashed at approximately 24,000 gallons of water per minute.

Loading and placing the filter media into the bays is a tedious and time-consuming process that has taken about three months to complete.



Chlorine Contact Basin

Disinfection is the last step in the treatment process and it has to be done in a very controlled manner. Introducing too much chemical disinfectant (chlorine) can create harmful disinfection by-products. Introducing too little chemical disinfectant won't adequately disinfect the water. These basins allow for a very controlled process by achieving the right blend of disinfectant concentration and contact time.



Kurt Koepf

With a remarkable career spanning 43 years, Kurt Koepf plays an integral part in building Wichita's largest infrastructure project to date. As a Senior Project Manager with Burns & McDonnell, he brings a wealth of knowledge and expertise, particularly in electrical engineering. Koepf has been on site for three years helping to maintain redundancy throughout the plant's processes. The electrical distribution system's size and scope are significantly larger than usual, a testament to the project's redundancy requirements and Koepf's adept management. Throughout this period, he has not only overseen all aspects of electrical, instrumentation & controls, HVAC and plumbing work, but is also helping to lead the commissioning and start-up phases.

One of the highlights of Koepf's time in Wichita has been collaborating with a broad spectrum of professionals. He expresses admiration for the local talent pool, emphasizing the high caliber of contractors and craftworkers contributing to the project's success.

Fostering a Culture of Safety

Heat Safety

When an excessive heat warning is issued, Wichita Water Partners takes extra precautions to protect workers building the City's \$500 million water treatment facility. Staying safe during the hot summer months means educating crews about the signs and symptoms of heat-related illnesses.

Project leaders developed a 'Heat Illness Prevention Program' outlining the steps for maintaining a safe and healthy environment while working in the heat. If record-breaking temperatures become unbearable, relief is readily available.

"Our site is 40-acres, and we have craft employees working in various locations," said Wichita Water Partner's Safety Manager, Jon Asher. "We have shade tents set up to eliminate direct sunlight along with fans, ice chests packed with bottled water, sunscreen and additional rest breaks for crews as needed."

Helping both new and experienced employees adapt to dangerous heat conditions is also key. Part of the safety plan includes acclimating them to work in a hot environment for progressively longer periods. Additionally, an air-conditioned shipping container called a Conex box is placed strategically near the center of the project site to offer a cool escape from the heat and humidity.

On days when temperatures reach 90 degrees, the Wichita Water Partners Safety Team delivers frozen popsicles with electrolytes to help cool crews. "We regularly check on our craft to see how they are doing and if they need anything," said Asher. "They have been educated on the importance of drinking plenty of water – at least one, 16-ounce bottle per hour."

For Wichita Water Partners, building solid relationships based on trust and respect helps identify and prevent heat-related illnesses so everyone can go home safe at the end of the workday.



Construction Safety Week

In recognition of national Construction Safety Week, site leadership hosted a series of safety demonstrations, toolbox talks and discussions to emphasize the importance of site safety. This year's theme was "Strong Voices, Safe Choices" to promote that everyone on site should feel confident to speak up when they see potential safety hazards. Construction Safety Week is an opportunity for everyone involved on site to pledge their commitment to working safer, ensuring everyone goes home to their families at the end of the workday.



Lock Out Tag Out

Now that the site is fully powered with electricity, it's more important than ever to ensure proper protocols are in place to safely lock out and tag energized equipment. 'Lock out, tag out' or LOTO as it's commonly referred to, is a critical piece of the site safety plan focused on keeping the site free of injuries and incidents.

LOTO protocol extends beyond electrical equipment and is also applicable where there are hydraulics, pneumatics, confined spaces and mechanical situations involving gravity. To successfully implement a LOTO program, communication, collaboration and accountability are key.

There are numerous steps involved to ensure equipment has been properly locked out and tagged. Physical locks and keys are involved, and only trained and authorized craft can lock/unlock and tag equipment. The overall program is managed and monitored by a member of the site safety team.

Empowering Wichita's Workforce

From the onset, Wichita Water Partners has made a commitment to supporting the local workforce in Wichita and the surrounding communities. As the project nears completion, this commitment continues by bringing awareness to the opportunities available to work on site at the NWWF through a series of site tours and presentations for interested professional organizations, universities and regional conferences.

Wichita SPE Tour May 19

Members of Wichita's chapter of the Society of Professional Engineers toured the site with project leaders and City leadership.



DBIA Tour September 18

Project leadership welcomed members of the Design-Build Institute of America on site for a tour and project overview of the state of Kansas's largest design-build project.

LKM Mobile Workshop October 9

The League of Kansas Municipalities hosted their annual conference in Wichita in October 2023. In conjunction with the conference, project leadership hosted a mobile workshop with a select group of conference participants. Attendees of the workshop heard from project leadership and participated in a mobile tour of the site.

WSU Tour November 6

Water and wastewater engineering students from Wichita State University visited the site to learn more about this once-in-a-lifetime project taking place in their own backyard. Design Manager Ty McGown provided students with an overview of the project and led them on a walking tour of the site.

Construction Inclusion Week October 16-20

Originally launched in 2021, Construction Inclusion Week focuses on bringing awareness to the need to improve diversity, equity and inclusion across the industry. This year, Wichita Water Partners hosted a series of workshops, toolbox talks and volunteer opportunities for project leaders and on-site craftworkers to learn about creating an inclusive culture and how to hold themselves and their peers accountable to this commitment.



Women In Construction Week March 5-9

To celebrate National Women in Construction Week, Wichita Water Partners hosted a group of women from the National Association of Women in Construction on for a project overview and site tour. Additionally, the team celebrated more than 30 women that are either working on site, or doing work supporting the project, to a happy hour and social.



Kansas AWWA/WEF Young Professionals March 21

Wichita Water Partners hosted the Kansas chapter of AWWA/KWEA Young Professionals group for a site tour. Municipal employees, consulting engineers and manufacturer's representatives from around the region joined to understand how the new drinking water plant will impact the community.



MAGIC Camp June 27

Wichita Water Partners hosted local high school girls participating in the Mentoring a Girl in Construction (MAGIC) summer camp facilitated by the Kansas Department of Transportation. With women occupying just 10% of the construction workforce, the goal of MAGIC camp is to expose girls ages 14-18 to a variety of exciting careers in the construction and transportation industries. During the supervised visit to Wichita's Northwest Water Facility, students toured the construction site, engaged in hands-on activities and learned from project leadership and key women working to build the \$500 million state-of-the-art treatment plant.

About the Team

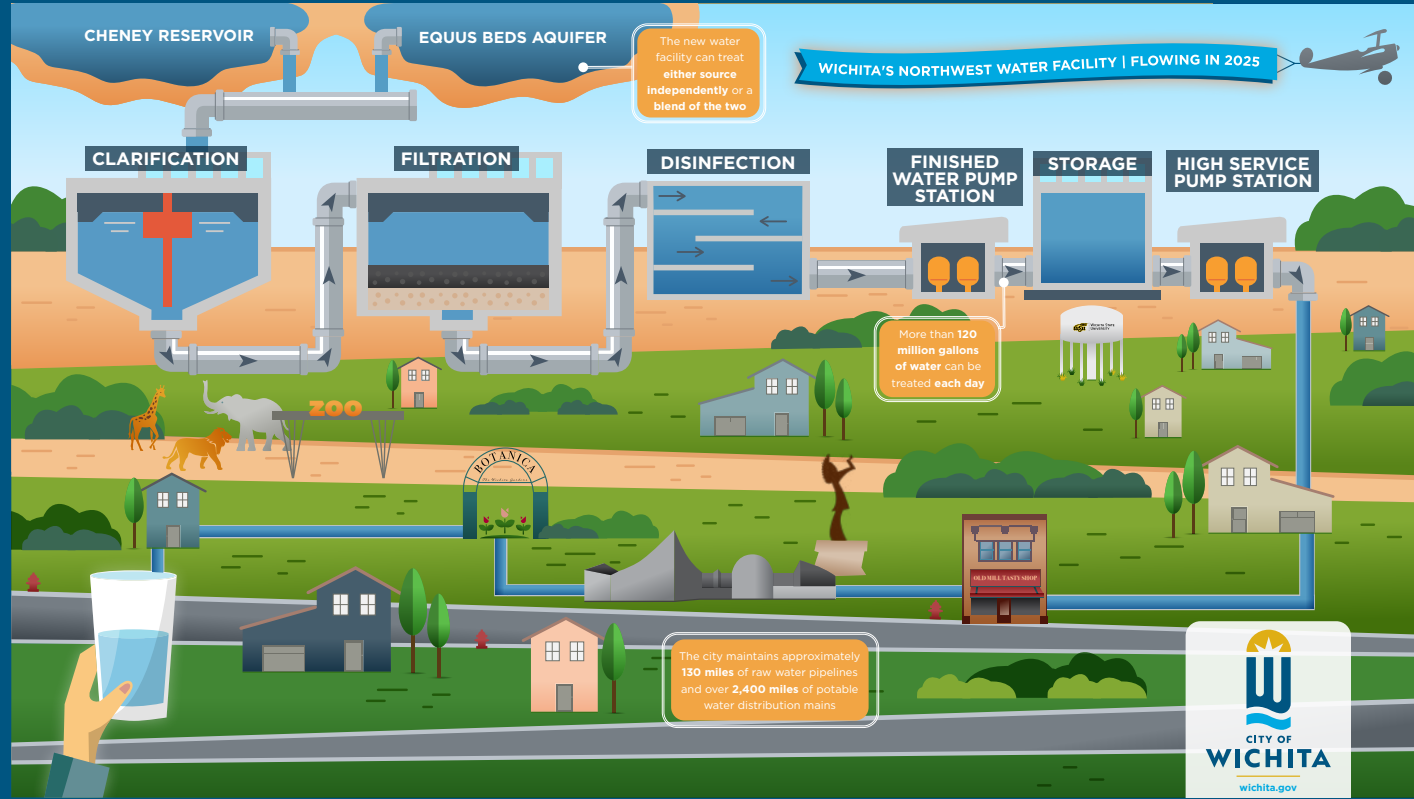
Wichita's Northwest Water Facility is a marquee project for the City of Wichita and for the joint venture of Alberici and Burns & McDonnell. Over the last 30 years, Alberici and Burns & McDonnell have partnered on more than 40 design-build projects in the US water sector, totaling \$1.43 billion in projects delivered.

Both firms are ranked in ENR's 2023 Top 10 for water treatment firms, Alberici is ranked #35 for largest contractors in the US and Burns & McDonnell is #7 on ENR's list of Top 500 design firms.



The Next Generation of Water Infrastructure

Wichita's Northwest Water Facility will play a critical role in securing a redundant water supply for the City. Using new technologies, the plant can treat water from one source or a blend of sources available at a given time. This gives the City more flexibility and security during drought situations.



Building Wichita's Northwest Water Facility





A transformational project of this magnitude and importance requires a collaborative team that works together for the greater good. We are grateful to Wichita Water Partners for their perseverance, dedication and vision in bringing this project to reality. Their commitment to ensuring our community's long-term water supply will positively impact future generations, providing access to our most precious resource for one in every six Kansas residents.

Gary Janzen, PE

Director of Public Works & Utilities
City of Wichita



Wichita Water Partners is a joint venture built around the design capabilities and construction leadership of Alberici and Burns & McDonnell.

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WICHITA WATER WORKS