

Ohio BUILDS Water Infrastructure Grant Projects – Round 5

On July 21, 2023, Ohio Governor Mike DeWine announced the fifth round of water infrastructure grant funding awarded through Ohio BUILDS. Short summaries of each grant can be found below. These summaries were compiled by the Ohio Department of Development. Those with detailed questions about a project should contact the entity receiving the grant. Those with general questions about the Ohio BUILDS program should contact Sarah Wickham, chief communications and marketing officer for the Department of Development, at sarah.wickham@development.ohio.gov or 614-644-0247.

Drinking Water Infrastructure Projects

The **Allen Water District** (Allen County) will receive a \$439,000 grant to construct a loop to the local water distribution system. Project activities include installing approximately 4,200 linear feet of 12-inch waterline, serving approximately 10 residents along the route while also providing a back-up water source to another 2,200 people. The project will benefit 2,210 people.

The **Village of Seven Mile** (Butler County) will receive a \$352,000 grant to replace faulty water meters and install an automated meter reading system that sends data directly to the village. The village has experienced difficulties tracking the correct amount of water due to these faulty meters, as well as an inadequate reading system and lack of access to a reliable internet connection. The new system will not only allow for more accurate readings, it will save manpower hours previously used to read meters that can, instead, be diverted to preventative maintenance within the water system. Project activities also include installing new meter pits, associated connections with new meters and a transmitter for sending data from each address. There will also be a bypass installed for meters located inside homes, and a laptop computer with contracted software and training will be provided to village staff. The project will benefit 519 people.

The **Village of Enon** (Clark County) will receive a \$75,000 grant to replace and upgrade the current outdated radio telemetry and SCADA system at the water treatment plant. The new system would allow the village operators to run, control and monitor the entire water system more accurately and efficiently from the plant, as well as out in the field. The project will benefit 6,800 people.

The **City of New Carlisle** (Clark County) will receive a \$2,392,041 grant to replace an estimated 160 lead service lines with plastic from the main corporation stop to the curb stop. Project activities include replacing an estimated 55 mainlines, 85-year-old water valves and all 4-inch cast iron mains with a 6-inch plastic water main. The project will benefit 5,785 people.

The **Village of Blanchester** (Clinton County) will receive a \$705,090 for a water main replacement along Orchard View Drive and Orchard Circle. Project activities include the installation of approximately 2,600 feet of 8-inch water main, new fire hydrants, services to the right-of-way, and new meter pits. The project will also involve installing new sanitary sewer laterals for approximately one-half of the homes along Orchard Circle. The project will benefit 250 people.

The **City of Coshocton** (Coshocton County) will receive a \$5,000,000 grant for a waterline extension project in the Village of Warsaw. Project activities will include the construction of approximately 44,000 linear feet of waterline along U.S. Route 36 from the Coshocton to Warsaw, a new water storage tank to

serve the junior and senior high schools, the replacement of all service laterals and water meters in the village. The village has identified at least 70 service laterals in Warsaw made of lead, which contaminates drinking water. Meters need replaced to conform with the Coshocton water system, and to be able to read remotely. The project will benefit 1,910.

The **City of Bucyrus** (Crawford County) will receive a \$1,282,500 grant for a water service connections project. The project will consist of installing water service connections on new waterline projects outside of the corporation limits for projects within Crawford County that connect to the Bucyrus Public Water System. The project will benefit 250 people.

The **City of Dublin** (Delaware/Franklin counties) will receive a \$340,000 grant for phase 7 waterline replacements within the city. Project activities will include replacing aging water mains, each with a history of breaking, along Inverurie Drive West, Inverurie Drive East, Monifieth Court, Abbotsford Drive, and Craigie Hill Court. Replacing these water mains will provide a better level of service to the impacted areas with increased water pressures and reduction in outages. The project will benefit 150 people.

The **Village of Bremen** (Fairfield County) will receive a \$739,821 grant for improvements to the local water facility. Project activities will include several safety and efficiency improvements, including the installation of an ARLO system, improved meters, well cleanout, and valve replacements. The project will benefit 1,382 people.

The **Village of Bloomingburg** (Fayette County) will receive a \$218,350 grant for engineering design services and fees to support the replacement of the village's existing water treatment plant. The current plant has reached the end of its useful life. The age, deterioration, lack of softening technology and recent raw water test results have all contributed to the need for a new plant. This design project will help the village leverage construction funding and provide the basis for the work to proceed. The project will benefit 919 people.

The **City of Washington Court House** (Fayette County) will receive a \$25,000 design grant to replace more than 1,000 linear feet of water main, along with seven fire hydrants and 92 service laterals. This area has been identified as a potential lead-service area, so the presence of lead service lines will be investigated and replaced, as needed. The project will benefit 250 people.

The **Jefferson Water and Sewer District** (Franklin County) will receive a \$2,950,000 grant for a Taylor Road Water Treatment Plant expansion project. The plant currently has the capacity to process 1.73 million gallons of water per day but, due to the exponential growth in the service area, expansion is needed to meet the current and future water demands. Plant expansion will increase the capacity to 2.20 million gallons per day. Project activities will include the addition of at least one iron filter, one water softener, one clear well, and an additional 750,000-gallon elevated water tower. The project will benefit 13,422 people.

The **City of Gallipolis** (Gallia County) will receive a \$132,500 grant to replace approximately 2,900 old water meters. The project will benefit 500 people.

The **Greene County Board of Commissioners** (Greene/Montgomery counties) will receive a \$5,000,000 grant to improve and expand the available water supply through the construction of a wellfield, ensuring the delivery of high-quality drinking water to each of the Greene County Sanitary Engineering

Department's (GCSED) more than 27,000 water and wastewater customers. This project is part of a multi-year capital investment and improvement plan to reinstitute 20 years of serviceable life to all its facilities and assets, and ensure service capacity for the same timeframe. The project will benefit 75,096 people.

The **City of Cambridge** (Guernsey County) will receive a \$3,834,975 grant to make improvements to waterlines and services, including lead line removal, on several streets throughout the city. The project will increase water flow to Guernsey County, the city's largest customer, as well as Cambridge Township and the city's main school campus. Project activities include eliminating dead end waterlines, which will improve water quality and reliability in the area. The project will benefit 11,400 people.

The **City of Kenton** (Hardin County) will receive a \$5,000,000 grant for phase 2 water improvements to Kenton's downtown infrastructure. The downtown sewer, storm and water mains are some of the oldest in the city. Much of this infrastructure is near or beyond its useful life for these utilities. Phase 2 improvements encompass the nine-block area in the core of downtown Kenton. The project will benefit 8,284 people.

The **Village of Liberty Center** (Henry County) will receive a \$277,415 grant to repair a 100,000 gallon elevated tank, removing lead-based paint from the interior and exterior. The project will benefit 1,121 people.

The **City of Willard** (Huron County) will receive a \$4,983,700 grant for improvements to the city's water treatment system, including upgrades to the river intake structure, reservoir intake structure and water treatment plant. Project activities include electrical, pumps, valves/components, SCADA upgrades and building renovations, along with bulk chemical storage and a new generator at the reservoir intake structure. This project is intended to improve the components of the city water system, as well as water quality, and allow for future expansion for the next 20 years. The project will benefit 10,000 people.

The **City of Jackson** (Jackson County) will receive a \$1,625,046 grant to replace the failing, 123-year-old waterline on South Street, from Main Street to Ohio Avenue. Replacing this section of waterline will help decrease the city's rate of water loss, which is at 24%. This waterline was originally installed around 1898 and has a majority of galvanized setters and potential lead joints. Due to the age and odd size of the waterline, the city has difficulty finding parts to make repairs when it breaks. Project activities include replacing approximately 5,800 linear feet of 8-inch waterline, 32 gate valves, 3,000 linear feet of service line, 100 service reconnections, 23 insert valves, and 17 Type A fire hydrants. The project will benefit 6,239 people.

The **City of Toronto** (Jefferson County) will receive a \$1,358,406 grant to replace approximately 1,400 linear feet of existing waterline along East 5th Street, from Henley Street to Myers Street. Project activities include waterline improvements – including lead line service connections, valves, pavement replacement, storm drains, sidewalk, fire hydrants, and curb ramps at intersections. These improvements will reduce the potential for lead in the water system. The project will benefit 200 people.

The **City of Painesville** (Lake County) will receive a \$330,000 grant to relocate a chlorine gas cylinder room to the first floor of the water treatment facility. The project will benefit 32,000 people.

The **Village of DeGraff** (Logan County) will receive a \$545,050 grant to update the village's water treatment plant and replace out-of-date equipment that has reached the end of its useful life. The project will benefit 1,215 people.

The **Village of Whitehouse** (Lucas County) will receive a \$1,874,138 grant to construct an additional 500,000-gallon elevated water storage tank to maintain proper water supply to customers. The project will benefit 4,845 people.

The **Mahoning County Board of Commissioners** will receive a \$584,958 grant for a waterline replacement project in Lake Milton. Project activities include replacing approximately 2,935 linear feet of 6-inch waterline, 12 new gate valves, five new fire hydrants, and installing 43 services on the west side. Improvements to the east side will consist of replacing 3,985 linear feet of 6-inch waterline, 18 new gate valves, five fire hydrants, and installing 35 services. The project will benefit 113 people.

The **City of Piqua** (Miami County) will receive a \$100,000 grant to replace a 2-inch watermain on Ridge Street with an 8-inch main. The current main is undersized and serves seven homes. Replacing this main will allow for a greater volume of water, and the addition of a fire hydrant on South and Ridge streets will provide enhanced fire protection. The project will benefit 100 people.

Tri-County Rural Water & Sewer District (Morgan/Noble/Washington counties) will receive a \$1,000,000 grant to add waterline extensions, an additional water tank for storage and two generators to assist as a back-up power source. The Tri-County Rural Water & Sewer District often battles with extended power outages, posing risks to water quality at the treatment plant and halting distribution throughout the system. As a result, the district's minimal potable water storage is drained and leave thousands of residents and businesses without potable water. These improvements will benefit the entire system by allowing for a much larger reach of service. The project will benefit 3,225 people.

The **Village of Mount Gilead** (Morrow County) will receive a \$225,000 grant for the design of critical improvements to the infrastructure of the Mount Gilead Water Treatment Plant. Project activities will include the replacement of obsolete and difficult-to-obtain parts, systems and components, in addition to systems that have exceeded their useful life. The project will benefit 3,660 people.

The **Village of Roseville** (Muskingum/Perry counties) will receive a \$187,300 grant to construct a 6-inch high-pressure water distribution line from the Muskingum County Water tie-in on Ransbottom Road. This would maintain pressures above Ohio EPA requirements, eliminate booster stations and the need for back-up generators, and allow for future development if need to support surrounding areas. The project will benefit 100 people.

The **Village of Caldwell** (Noble County) will receive a \$322,370 grant to provide the application of powdered activated carbon into its drinking water treatment system to augment the removal of contaminants, natural organic material, taste and odor compounds and algal toxins, from its finished potable drinking water. Project activities will include general site grading; the construction of a concrete block building; electrical, mechanical, heating and plumbing for the building; installation of carbon feed equipment; installation of piping and modifications to the raw water supply line that runs into the building, and more. The project will benefit 1,351 people.

The **Village of Antwerp** (Paulding County) will receive a \$577,000 grant to improve the village water tower, which holds 300,000 gallons of water and serves as the sole source of water storage for the community. Project activities include repairing the interior of the tower and sandblasting and repainting parts of both the interior and exterior. These improvements will prevent leaks, deterioration and harmful substances from entering the structure. The project will benefit 1,681 people.

The **Village of Payne** (Paulding County) will receive a \$515,895 grant to improve water service reliability and increase firefighting capabilities in the area. Project activities include constructing 4,140 linear feet of 8-inch waterline, gate valves, 10 hydrants, various fittings, and 84 water services within a public alley right-of-way. Additional water meters for the remainder of households in the village will also be installed. The project will benefit 1,139 people.

The **Village of New Lexington** (Perry County) will receive a \$362,500 grant to make a critical repair to one of the filters in the village's water treatment plant. The village has been operating on one filter for more than one year, putting the entire community one catastrophic event away from being without water. Lacking a satisfactory emergency connection with a neighboring water purveyor makes the repair of the second filter imperative so the village can reach full capacity. Project activities will also include the replacement of the carbon dioxide tank, which is at the end of its service life. The project will benefit 4,681 people.

The **City of Streetsboro** (Portage County) will receive a \$1,500,000 grant for water main extensions at various locations within the city. The project will benefit 14,565 people.

The **Village of Ottawa** (Putnam County) will receive a \$4,428,844 grant to make improvements to the existing water treatment plant, improving the performance of the system and meeting Ohio EPA requirements. Project activities include installing new clarifier mechanisms, new filter media, new reservoir bypass piping, new chlorine, as well as a new electrical power motor control center and more. The project will benefit 4,357 people.

The **City of Bellevue** (Sandusky County) will receive a \$851,750 grant to extend the city's water mains into York Township. This extension will allow the city to close a loop with an existing 400,000-gallon elevated storage tank located adjacent to the Bellevue Hospital and several existing businesses. As a result of this project, 41 existing York Township residences could be supplied with city water in lieu of existing wells. The project will benefit 100 people.

The **City of Clyde** (Sandusky/Seneca counties) will receive a \$3,000,000 grant to construct an alternate raw water intake, pumping station and force main in Seneca County to improve resiliency, and water quality and quantity for residents of the city. Clyde's Water Treatment Plant also provides drinking water for the Village of Green Springs and the Ohio Turnpike Commission. The project will benefit 7,700 people.

The **Northwest Regional Water District** (Scioto County) will receive a \$47,968 grant for a pump and motor redundancy project. Project activities include installing a spare pump and motors for each pump station on the system. The project will benefit 11,000 people.

The **Village of Fort Loramie** (Shelby County) will receive a \$712,000 grant to upgrade an existing 6-inch waterline running along Park Street, between Main and Willman streets, as well as an existing 4-inch line running along Park Street, between Willman Street and Dogwood Drive. This existing waterline is

severely undersized for both fire hydrant flow and adjacent properties' water pressure. The village also experiences frequent breaks on this old transit line, leaving residents without water while it is fixed. The project will benefit 115 people.

The **Village of Beach City** (Stark County) will receive a \$194,612 grant to replace existing water service meters in both residential and commercial buildings, as well as provide all necessary software and computer upgrades to read the meters. The village currently has roughly five different makes and models of meters, which all require different manners to read, creating issues accurately charging residents and business owners for water service. Replacing all meters will decrease the number of inaccurate readings and aid the village in reducing water loss. The project will benefit 981 people.

The **City of Cortland** (Trumbull County) will receive a \$284,105 grant for water facility improvements. Project activities will include upgrades to the well field piping and the replacement of the Main Street waterline. The well field piping upgrades will be located in the east side of the city, and will include installing a replacement conduit from the chlorination building near the water tower, running east along Russell Avenue. This will connect four existing wells to the chlorination building. The new watermain will be installed along Main Street, from N. Mecca Street, running east to N. High Street. The project will benefit 7,100 people.

The **City of Franklin** (Warren County) will receive a \$1,550,000 grant to replace an old, deteriorating 500,000-gallon standpipe that serves roughly half the city population. Project activities also include the replacement of two aging water mains, including all services, fire hydrants, and valves. The project will benefit more than 5,800 people.

The **Village of Lowell** (Washington County) will receive a \$750,000 grant to construct a 62,000 gallon-per-day water treatment plant, two wells with pressure filters and chlorine injection, and red sand filters for backwash water. Project activities also include approximately 1,020 feet of waterline, and 400 feet of backwash force main. The waterline includes the connection of the new wells to the treatment plant and connecting the plant to an existing 8-inch waterline stub roughly 800 feet to the east on Buell Island. The current water system for the village is drawing from wells that are more than 90 years old and well beyond their useful life. The new wells and treatment plant will supply the village with clean water, meeting below the Ohio EPA's water quality standards. The project will benefit 644 people.

The **Village of Creston** (Wayne County) will receive a \$410,657 grant to make drainage and waterline improvements on Factory Street. Project activities include replacing 1,470 linear feet of 12-inch waterline, 175 linear feet of 8-inch waterline, four main valves to aid in line isolation, 10 service taps with laterals to reconnect existing customers to the new line, along with treelawn/pavement/sidewalk restoration or construction. The project will benefit 2,170 people.

The **City of Bowling Green** (Wood County) will receive a \$1,182,741 grant to make upgrades to the water treatment plant's aging low service pump station in order to improve water quality to the service area. Project activities include replacing stationary bar screens and slide gates at the inflow channels, two traveling screens, four raw water vertical turbine pumps, the motor control center, and heating and ventilation equipment. New drives and controls will also be provided to allow remote operation and monitoring. The project will also include general rehab to the pump station structure, including painting, roof replacement, concrete repair, and more. The project will benefit 46,578 people.

Wastewater Infrastructure Projects

The **City of Ashland** (Ashland County) will receive a \$550,000 grant for a sanitary sewer improvements project along US Route 250. Project activities will include replacing approximately 1,080 linear feet of 12-inch sanitary sewer main with 15-inch gravity sewer, and relocating an existing 8-inch main to the existing relief sewer, as well as removing groundwater infiltration. This project is required to eliminate sewer surcharges and accommodate recent and planned residential developments. The project will benefit 2,500 people.

The **Troy Township Waste Water District** (Ashland County) will receive a \$68,110 to install an insulated cover for the pumps at the lagoons, a back-up grinder, and a storage/meeting room building. The project will benefit 1,747 people.

Conneaut Township Park (Ashtabula County) will receive a \$54,450 grant to replace the existing sanitary sewer lift station that serves the township park's bath house and concession stand, which are also slated to be replaced with new facilities. The project will benefit 30,000 people.

The **Village of Chauncey** (Athens County) will receive a \$1,000,000 grant to construct a new sewer collection system. The village has suffered many sewer line collapses in recent years as a result of the existing aged clay pipe collection system. The chronic breaks are unsustainable, and the high rate of inflow and infiltration has contributed to basement flooding, high maintenance costs, and a disruption of water capacity. The project will benefit 1,056 people.

The **Trimble Township Water District** (Athens County) will receive a \$927,000 grant for improvements to the water and sewer facilities. Project activities will include replacing two pump stations, improving one lift station, replacing four lift stations, sealing connections, two manhole replacements, one catch basin, and storm water extension. The project will benefit 2,667 people.

The **Auglaize County Board of Commissioners** (Auglaize County) will receive a \$129,900 grant to improve the existing, 56-year-old sewer collection system, install a new lift station and 1,300 linear feet of force main, as well as the demolition of an old wastewater treatment plant. The project will benefit 60 people.

The **Village of Cridersville** (Auglaize County) will receive a \$725,000 grant to replace an existing 12-inch gravity sanitary sewer collection main with a proposed 15-inch main. The existing sewer will be replaced on Waverly Street from Main Street to the dead end, west under the existing railroad to the Gay Street intersection. The project would consist of the second phase of improvements required to handle the existing flow from the service area, plus additional capacity for the projected future flow from the development east of Interstate 75. The project will benefit 900 people.

The **Belmont County Board of Commissioners** (Belmont County) will receive a \$858,750 grant to construct approximately 6,000 linear feet of 12-inch main to replace an existing, undersized 8-inch main that carries sanitary sewer from the Ohio Valley Mall and Ohio Valley Plaza areas to the East Ohio Regional Waste Authority's sewer system. The existing main is operating at its hydraulic capacity during peak flows. As a result, the line overflows from manholes. This project will eliminate the bottle neck in capacity and allow for normal operations and continued economic growth in the area. The project will benefit 67,000 people.

The **Butler County Board of Commissioners** will receive a \$267,575 grant for phase 2 of a sewer replacement project. On Port Union Road in West Chester Township, the Butler County Water and Sewer department has 2,695 feet of sanitary sewer that is failing and needs replaced. The project will benefit 130 people.

The **City of Columbiana** (Columbiana/Mahoning counties) will receive a \$1,316,824 grant to construct more than 16,000 feet of water line that will connect the new Crestview Road wellfield to the water treatment plant, allowing Columbiana and Fairfield Township residents to receive high-quality drinking water. The project will benefit 6,400 people.

The **Village of Warsaw** (Coshocton County) will receive a \$36,000 grant to rebuild the aeration system for a lagoon installed in 1978. The system has reached the end of its useful life and needs replaced. The lagoon has been taken out of service and drained for accumulated sludge removal and aeration system replacement. This project would replace all the 3-inch manifold piping and aeration tubing, and all necessary fittings and support hardware. The project will benefit 850 people.

The **City of Galion** (Crawford County) will receive a \$600,000 grant to install a lift station and back-up generator at the wastewater treatment plant. The project will benefit 10,450 people.

The **Village of Sunbury** (Delaware County) will receive a \$2,314,890 grant for improvements to the existing Sunbury Wastewater Treatment Plant. Project activities will include adding a third clarifier to the existing plant, as well as installing additional bio-solids storage pads and canopies for the pads. Sludge transfer pumps and controls will be upgraded and enhanced, and back-up generators will be installed on three of Sunbury's four remote sewage lift stations. The project will benefit 8,500 people.

The **City of Columbus** (Franklin County) will receive a \$3,500,000 grant to remove/reroute inflow and infiltration from the sanitary sewer to reduce the frequency of water leakage into basements in the Linden area. The project will benefit 3,250 people.

The **Village of Archbold** (Fulton County) will receive a \$625,000 grant to rehabilitate existing vitrified clay sanitary sewers with cured-in-place pipe as part of the first phase of an extensive sewer lining program throughout the village. Due to the age of the vitrified clay pipe, the area suffers from cracking and moderate-to-severe root intrusion. Additionally, leaking joints and cracked pipes are causing groundwater infiltration issues, which has contributed to overflows, sewer backups and basement flooding in the area. This project will create new pipes inside the old ones, sealing cracks and joints, and increasing water flow. The project will benefit 3,000 people.

The **Village of Swanton** (Fulton/Lucas counties) will receive a \$3,029,930 grant to demolish the existing stormwater pump station, raw sewage pump station and mud well, and construct a new influent pump station complete with adequate screening of the raw wastewater. This project would address public health concerns such as sewer backups caused by clogged lines and pumps. The project will benefit 3,700 people.

The **City of Gallipolis** (Gallia County) will receive a \$129,924 grant for improvements to the sanitary sewer on Belmont Drive. Project activities will include removing the sanitary sewer from the storm sewer, installing five manholes, and connecting into the city's sanitary sewer. The project will benefit 11 people.

The **Village of West Farmington** (Geauga/Ashtabula/Portage/Trumbull counties) will receive a \$394,500 grant to install a septic receiving station that will serve a wide surrounding area of unsewered properties in many Trumbull County townships, as well as surrounding counties. The station will have an automatic receiving and monitoring station system with a key pad reader, automatic valve, rock trap, flow meter, pumps and controls within a small, prefabricated building. The septage will be pumped into the wastewater treatment plant's adjacent influent mechanical screen for proper treatment. The project will address the area's public health issues with more cost-effective septage disposal. The project will benefit 10,163 people.

The **Guernsey County Board of Commissioners** (Guernsey County) will receive a \$2,717,406 grant for sewer expansion and improvements in Cambridge. Project activities will include lining the entire network of two subdivisions' sewer systems, expanding the service area to two more areas, while improving efficiency at the Beech Meadows treatment system. Specifically, 11,490 linear feet of 8-inch sewer lining will be installed, as well as 8,000 linear feet of 6-inch main and two miles of new 8-inch gravity sewer. Additionally, 47 manholes will be rehabilitated. This work will reduce infiltration into the sewer system and protect human health by eliminating sewer backing up into homes. The project will benefit 660 people.

The **City of Forest Park** (Hamilton County) will receive a \$225,045 grant for modifications to the Wright Farm West Regional Detention Basin that will improve stormwater quality and address erosion. The project will benefit 6,200 people.

The **Village of Forest** (Hardin County) will receive a \$239,000 grant for a pump station replacement project. Project activities will include the rehabilitation of three pump stations within the village's collection system. Rehab items will be wet well piping replacement, control cabinet replacement, and the addition of permanent emergency back-up power. The project will benefit 1,461 people.

The **City of Wickliffe** (Lake County) will receive a \$606,900 grant to install lining inside a 10-inch sanitary sewer 3,968 feet in length along Drenik Drive in the city. Through citywide smoke testing and flow monitoring of the sanitary sewer system, it was determined the Drenik Drive sewer is one of the major sources of infiltration and inflow in the city. This project will help reduce the amount of stormwater infiltrating the system. The project will benefit 448 people.

The **Village of Utica** (Licking County) will receive a \$3,000,000 grant for improvements to the wastewater treatment plant. Project activities consist of replacing the aeration basins with a new sequencing batch reaction, renovating the existing equalization basin, and install a new headworks pump station sized to handle the actual village water flow. The village currently receives an excess of 500,000 gallons per day, but the wastewater treatment plant is only rated for 430,000 gallons per day. The project will benefit 2,260 people.

The **Village of West Liberty** (Logan County) will receive a \$150,000 grant to replace approximately 950 feet and 370 feet of existing clay sewer line along Linden Avenue and Race Street, respectively. Project activities include the installation of one new manhole to reduce spacing between manholes to an acceptable level, as well as a 150-foot sewer line extension along Reynolds Street. Two new manholes and laterals to existing homes will also be installed. The project will benefit 220 people.

The **City of Vermilion** (Lorain County) will receive a \$4,087,906 grant to replace all existing sanitary sewer service laterals to the right-of-way, and install cleanouts for all residential homes within the Vermilion on the Lake neighborhood to reduce infiltration getting into the system. The project will benefit 2,148 people.

The **City of Oregon** (Lucas/Wood/Ottawa counties) will receive a \$4,160,105 grant for a safety, disinfection and grit removal improvement project at the local wastewater treatment plant. The project will aim to enhance water quality, increase safety and process performance, and reduce public health risks by replacing the existing chlorine disinfection process with ultraviolet disinfection, making improvements to the existing grit removal system, and adding safety measures around fall hazards within the plant. The project will benefit 32,600 people.

The **City of Youngstown** (Mahoning County) will receive a \$4,839,300 grant to replace an existing combined sewer along the Mahoning River, spanning from Division Street to West Avenue. Approximately 10,800 linear feet of 60-inch and 48-inch sewer will be installed, along with a road for maintenance access and a bike path. Upsizing the existing sewer will allow for more storage capacity, helping eliminate combined sewer overflows. The project will benefit 127,000 people.

The **City of Marion** (Marion County) will receive a \$3,255,000 grant to remove a significant amount of severe infiltration in the city's 72-inch combined sewer from Rock Swale to State Route 309 as part of its Combined Sewer Overflow Long Term Control Plan in conjunction with the Ohio EPA. The project will benefit 35,000 people.

The **Marion County Board of Commissioners** will receive a \$3,925,000 grant to rehabilitate approximately 15,000 linear feet of sewer using cured-in-place pipe lining systems, as well as roughly 58 manholes. Project activities will also include sealing leaking pipe joints and aged manholes. The presence of hydrogen sulfide in the wastewater stream has had a negative impact on the structural integrity of the sewer's concrete pipe. This project will enhance the lifespan of this sewer system, which was installed in the early 1970s. The project will benefit 7,500 people.

The **Village of Pomeroy** (Meigs County) will receive a \$4,017,460 grant for phase 3 of a sewer extension project. The project will extend sanitary sewer along Rose Hill Road, Minersville Road, Welsh Town Road and State Route 124. Project activities will include a lift station, grinder pump, 726 feet of force main, 54 manholes, and approximately 15,300 feet of pipe. The project will benefit 252 people.

The **City of Troy** (Miami County) will receive a \$6,000,000 grant to expand the Troy Wastewater Treatment Plant. Project activities include replacing old, failing blowers, air piping, valves, instrumentation and diffusers; installing a third aeration tank to increase plant treatment capacity; adding biological nutrient removal to reduce nitrogen and phosphorus; and replacing 25-year-old influent screw pumps. Major components of the treatment plant are nearly 50 years old and well past their planned useful life. These upgrades will help the plant keep up with increased development and adhere to Ohio EPA ammonia and phosphorous limits. The project will benefit 28,305 people.

The **Montgomery County Board of Commissioners** will receive a \$4,683,000 grant to complete phase 2 improvements on the City of Union's wastewater treatment plant. Project activities include providing two additional aeration tanks; installing an influent flow distribution system to reduce short circuiting;

replacing positive displacement blowers; adding an irrigation and recirculation pump station, and associated suction piping; constructing irrigation pumps; installing recirculation pumping; adding a tertiary disc filter, with space for a second filter in the future; and, providing flow splitting. The project will benefit 6,700 people.

The **Noble County Board of Commissioners** (Noble County) will receive a \$522,045 grant to provide sanitary sewer service to residential and commercial properties outside the Village of Caldwell. Currently, the residents and businesses are on septic systems. This is the last unsewered area of the county adjacent to Caldwell. Project activities will include installing 3,837 linear feet of line and services to approximately 14 residential buildings. This project will help the county's economic growth, residential development, and eliminate health and safety concerns associated with existing septic systems. The project will benefit 25 people.

The **Pickaway County Board of Commissioners** will receive a \$2,347,740 grant for a Wintergreen and Knollwood wastewater treatment plant consolidation project. The project will benefit 204 people. Both Knollwood and Wintergreen wastewater treatment plants have steel package plants constructed in the 1970s and have not had any improvements done since construction. As a result of the facilities' age and decomposition, which has posed a serious safety concern, this project will create a new wastewater treatment plant with a capacity of 35,000 gallons per day. Project activities will also include installing a new pump station and approximately 12,210 linear feet of 3-inch force main to send sewage from the Wintergreen subdivision to the new plant. Following construction, both existing plants will be decommissioned. The project will benefit 204 people.

The **City of Waverly** (Pike County) will receive a \$790,000 grant to construct a new sanitary sewer pumping station and force main to discharge into an existing 24-inch sewer main along Bridge Street. The project will eliminate an existing sanitary gravity sewer that has reached the end of its useful life, and is a major source of infiltration and inflow. The project will benefit 4,500 people.

The **Village of Piketon** (Pike County) will receive a \$2,062,500 grant to construct a new wastewater treatment plant to serve the community. The new facility will be constructed on land northeast of the existing plant, and include influent screening, a new pumping station, biological treatment process tanks, and effluent disinfection. The facility will also include a service building with workshop, electrical equipment, an office/lab, new sludge dewatering equipment, a blower room for the process tanks, and a sludge storage area, as well as an on-site administration and training building. The project will benefit 2,269 people.

The **Village of Glandorf** (Putnam County) will receive a \$45,000 grant to replace a 4-inch trash pump with a new 6-inch pump, including accessories and hard plumbing in the lift station. The project will benefit 45,000 people.

The **Seneca County Board of Commissioners** (Seneca County) will receive a \$112,555 grant to design a below-ground sanitary package plant in New Riegel that will both treat and clarify wastewater in one tank rather than using multiple tanks. The current collection system in New Riegel is showing signs of corrosion and wear, and the corrosive gases resulting from sewage turning septic on its way from New Riegel to Fostoria are affecting the pump stations. Treating the wastewater has become costly, leading to higher sewer rates for residents. The county hopes this cost-effective project will mitigate the corrosive

gas problem and lower rates. Project activities will also include the construction of a small pole building nearby to house the control system, the blowers, tertiary treatment system, and the UV disinfection system. The project will benefit 744 people.

The **City of Sidney** (Shelby County) will receive a \$1,077,407 grant to install a 36-inch sanitary sewer parallel to the existing sewer trunk line, allowing flows to be shared among both pipes. Continued growth in this area of Sidney, along with inflow and infiltration from aging sewers and illegal connections to the sewer have, at times, increased flow beyond the capacity of the collection system. This has led to backups into basements and foundations of connected buildings. This project would greatly increase the capacity of the sewer line, as well as reduce surcharging of sub-mains and private sanitary sewers upstream of the trunk line. The project will benefit 8,000 people.

The **City of Barberton** (Summit County) will receive a \$3,000,000 grant for phase 3 improvements to the city's wastewater treatment plant. Project activities will include the installation, replacement and refurbishment of various critical pieces of equipment inside the plant. The project will benefit 26,550 people.

The **City of Marysville** (Union County) will receive a \$1,500,000 grant to install 16,000 linear feet of force main from the city's pump station No. 4 directly to its water reclamation facility. Upgrades to the pump station and force main will allow for increased capacity of its wastewater system to account for the continued growth in the area. Project activities will also include modifications to the influent screening building. The project will benefit 10,000 people.

The **Williams County Board of Commissioners** will receive a \$3,300,000 grant to construct and operate a central sewer system to provide sewer services to the unincorporated Village of Alvordton. The community has no existing central sewer and is currently served by failing residential sewage treatment systems that use private water wells as a source of drinking water. There is not adequate lot size or soil conditions to replace these individual septic systems to comply with state environmental standards. Project activities include installing 16,000 feet of 8-inch mainline sewer within an existing road right-of-way, routing wastewater to a pump station on the southeast side of the village and adding laterals at each residence. The project will benefit 196 people.

The **City of Perrysburg** (Wood County) will receive a \$343,000 grant to install roughly 5,900 feet of sewer lining to help alleviate extraneous flow contributing to a sanitary sewer overflow. Sanitary sewers in older parts of the city are in poor condition due to age, tree roots and original construction methods, leading to basement backups and overflows. Project activities also include restoring service connections, point repairs, precleaning, bypass bumping during the lining process, and maintenance of traffic. The project will benefit 22,500 people.

The **Village of Carey** (Wyandot County) will receive a \$199,785 grant to replace and upsize a drastically undersized draining pipe on the south side of the village. Project activities will include replacing the existing pipe with a new 24-inch storm sewer pipe and reroute the existing alignment along property boundaries. Approximately 1,300 feet of new storm sewer will be installed as part of the project. The project will benefit 150 people.

Combination Projects

*The **City of Sandusky** (Erie County) will receive a \$2,500,000 grant to replace a failing waterline extending the entire length of Perkins Avenue from just west of Anderson Street to the east at 52nd Street. This includes replacing roughly 10,100 linear feet of 6-inch water line with new 6-inch line, and 1,100 linear feet of 6-inch waterline with new 8-inch line. The current waterline is in very poor condition with 61 recorded water main breaks, contributing to defects in surrounding pavement. Most of the waterline dates back to the mid-1930s. Project activities also include replacing much of the storm sewer piping and draining, along with the curbs. This will help address water quality/public health issues, as well as reducing the amount of boil advisories and pavement buckling in this location. The project will benefit 25,095 people.*

*The **Village of West Jefferson** (Madison County) will receive a \$1,057,950 grant to install 7,100 feet of 16-inch transmission main along Route 40 to feed the village's existing booster pump station. This project will provide a crucial redundant feed to the high system, as well as provide adequate fire flow for large warehousing developments in the growing industrial park by adding a 750,000-gallon tank. The project will benefit 4,364 people.*