



## City of Sidney - Job Posting



**Job Title**                    **Water Treatment Plant Operator (Shift Operator)**  
**Department:**            **Water Treatment Plant**  
**Supervisor:**            **Water Treatment Plant Superintendent/Assistant Superintendent**  
**Hourly Range:**        **Operator In Training: \$23.06 - \$30.76**  
                                  **Class I - III Operator: \$25.52 - \$37.22**  
                                  (Starting pay will commensurate with experience, knowledge and certification within the pay range.)  
**Work Schedule:**        Thursday through Saturday – 12:00 am Midnight to 12 pm Noon – plus an 8 hour shift of 12:00 am Midnight to 8 am every other Sunday

### Position Summary:

The Water Treatment Plant (WTP) is a division within the Utility Department of the Public Works Group. The Shift Operator reports to WTP Superintendent or Assistant Superintendent and is responsible for the continuous, efficient and effective operation of the WTP on their assigned shift in producing adequate quantities of clean, safe potable drinking water for the community. The Shift Operator performs laboratory certified testing and interprets results to make sound plant operations and chemical treatment adjustments. The Shift Operator is responsible for performing analysis on all Ohio EPA required parameters at the WTP and distribution system to ensure all Ohio EPA potable drinking water standards are met. The Shift Operator is responsible for monitoring and controlling raw water flows, high service flows, system elevated water towers, chemical treatment dosages, plant hydraulic flow pattern, treatment chemical levels, and lab supply inventory. The Shift Operator takes the lead in plant cleanliness and relays needed information to the next Shift Operator and maintenance personnel daily. The Shift Operator also assists with training of new employees and mentoring personnel.

### Job Dimensions:

This position is part of a team effort responsible for the operation, maintenance, and upkeep of the WTP buildings, equipment, and treatment processes. The plant Shift Operator schedules are structured to provide 24/7 around the clock staffing of the WTP every day. The plant is a 10 million gallon per day, modern, computer assisted, lime-soda softening facility that utilizes both ground and surface water. Shift Operators are required to work three 12-hour shifts per week and one 8-hour weekend shift every other week, or work 5 – 8-hour days as required by the position assigned and scheduled by the WTP Superintendent or Assistant Superintendent.

Shift Operators are responsible for collecting approximately 24 water samples per shift and analyzing each sample for at least six different parameters. Shift Operators also monitor operations through a SCADA program and are required to adjust equipment and feed rates to ensure the proper and efficient operation of the treatment plant. The Shift Operator will regularly consult with other plant operators and supervisors about the treatment process and operational objectives. Since the WTP is manned 24/7, Shift Operators also take after hour City Utility emergency calls and dispatch crews to the scene.

## **Nature and Scope:**

- Collecting treatment unit samples for lab analysis to ensure proper treatment is being performed and determine if dosage adjustments are needed.
- Monitoring the SCADA program to ensure the proper and efficient operation of the treatment plant.
- Inspecting treatment process equipment for proper operation and need for maintenance.
- Obtaining and maintaining full chemical and microbiological laboratory certification as defined by the Ohio Department of Health, which includes Quality Assurance and Quality Control measures including lab and monitoring equipment calibrations.
- Analyzing water samples and making necessary treatment adjustments to ensure proper treatment parameters.
- Collecting and preparation of finished water samples for internal or outside lab analysis, pick-up, or delivery as outlined in the OEPA monitoring schedule.
- Compiling and recording accurate test results, plant flows, and other data pertaining to the plant operation and performance.
- Assisting with mechanical repairs and tank cleaning.
- Cleaning the interior of the WTP, chemical feeders, and monitoring equipment.
- Ability to use various types of laboratory equipment such as specific ion meters, nephelometers, titrators, etc.
- Applying a broad knowledge and understanding of principles, practices and methods of water treatment and equipment repair.

## **Major Challenges:**

- Providing an uninterrupted supply of clean, safe, potable water to the city.
- Contending with a constantly changing raw water source, i.e. floods, drought, ice, bacterial and chemical, taste and odor.
- Maintaining operations during planned and emergency repairs.
- Maintaining compliance with state and federal regulations and meeting all reporting requirements.
- Providing accurate, reliable and consistent water analysis.
- Maintaining laboratory and professional certification.
- Knowledge of filter backwash procedures and water flow dynamics through the WTP valves and piping for tank isolation and parallel or series operation.
- Working alone for extended periods of time.

## **Other Work Requirements:**

- Obtain and maintain a full chemical and microbiological laboratory certification as defined by the Ohio EPA, which includes Quality Assurance and Quality Control measures including lab and monitoring equipment calibrations.
- Ability to adjust schedule to work nights, weekends and holidays when needed.
- Demonstrate ability to read and understand manuals and supervisory instructions.
- Ability to use a computer in plant operations and record keeping.
- Monitoring and working with and around hazardous treatment chemicals.
- Physically able to use a wide variety of hand and power tools, climb stairs, work from ladders, and lift as much as 50 lb bags and move objects with mechanical assistance.
- Demonstrate ability to work independently and make sound judgements in operations and equipment repairs.
- Exercising the appropriate safety precautions in performing work functions that include, but not limited to: blood borne pathogens, spill prevention, chemical storage, personal protective equipment, etc.
- Maintain residency requirements as outlined by City policy.

**Qualifications/Requirements:**

- High school diploma or GED equivalent.
- General working knowledge in mathematics and chemistry and/or supplemental courses in conventional surface water treatment.
- Knowledge of a wide variety of maintenance practices including: electrical, hydraulics, and plumbing.
- Possession or the ability to possess a Class I Water Supply Operator Certification from the Ohio Environmental Protection Agency within 18 months of hire and obtain the required Class II Water Supply Operator Certification within 48 months of hire.
- Proven track record of sound judgement in plant operations while working alone.
- Complete proficiency in lab operations; test analysis, procedures, documentation, and interpretation.
- A valid driver's license and good driving record maintained throughout employment.

***To apply for the position and view a more detailed Job Description, Benefit Summary and Job Application form go to our web site [www.sidneyoh.com](http://www.sidneyoh.com) /Employment or at 201 W. Poplar St. Sidney, OH 45365. Application will be accepted for this position until filled. Mail to 201 W. Poplar St. Sidney OH 45365, Fax: 937 498-8160 or email: [Receptionist@SidneyOH.com](mailto:Receptionist@SidneyOH.com).***