

## MIDWAY SEWER DISTRICT

**Position Title: Wastewater Operator**

**Department: Wastewater Treatment Plant**

**Supervisor: Operations Supervisor**

**Effective Date: Open until filled**

**Status: 2 Open Positions**

**Salary Range: Monthly \$4966.43 (Entry Level OIT) —\$7082.16 (Group IV ) Based on experience and qualifications**

### **Job Summary:**

Midway Sewer District is seeking **two** Wastewater Operators to perform a variety of operating, maintenance, and testing activities in support of the District's Trickling Filter/Solids Contact treatment facility. The Wastewater Treatment Plant (WWTP) operator is responsible for operating and maintaining all manner of pumps and control equipment at the WWTP and performing routine maintenance and repair on the plant system. The Wastewater Operator may assist in collecting process control samples and conduct limited laboratory analysis under the direction of the Water Quality Analyst. The Wastewater Operator may also order parts, equipment and materials for plant operations, and maintenance; and may perform a variety of building, grounds and maintenance duties as directed by the Operations Supervisor and or Senior Operations staff.

The ideal candidate should have a working knowledge of the current functions and operations of equipment used to perform the essential duties of the position as well as federal, state, and municipal laws and regulations governing WWTP operations. Candidates should have a basic knowledge of safety regulations and practices, operation and maintenance of mechanical equipment common to WWTP facilities and Windows based computers are also essential.

Work is performed under general supervision of the Operations Supervisor.

### **Essential Job Functions:**

- Maintains regular and predictable attendance.
- Physical ability to conform to all safety requirements.
- Monitors and or records gauges, meters, and control panels.

- Takes pH, dissolved oxygen and temperature readings, and performs routine cleaning of treatment process units such as screening and grit removal equipment.
- Observes WWTP facility for proper functioning of mechanical and biological processes.
- As directed, collects a variety of process control samples; sets up, conducts and records routine laboratory test results such as MLSS / Fecal Coliform et.al. and reports findings.
- Notifies the Supervisor or the Safety Officer of any problems or safety hazards identified in the course of the work shift.
- As assigned, performs tasks associated with facility operation; WWTP equipment corrective and preventative maintenance; cleans, scrapes and paints all manner of machinery and facilities. Repairs or replaces valves, switches, and related equipment as required or assigned.
- Monitors and complies with all safety measures and procedures at all times.
- Ability to respond to after-hours emergencies with little or no advanced notice.
- Requires shift, weekend and or holiday work.

#### **ADDITIONAL DUTIES AND RESPONSIBILITIES:**

#### **EDUCATION AND EXPERIENCE:**

- High school diploma or equivalent.
- Advanced vocational training or an A.A.S in an applicable field would be considered a plus but not a requirement for this position.
- Must obtain within one (1) year from initial employment, any required certifications and or licenses applicable to the utility; First Aid and Confined Space Training. District will provide training opportunities.
- Must obtain within one year of initial appointment a valid Washington State Wastewater Operators certification from the Department of Ecology: Group I or higher is ideal, or have established reciprocity at time of appointment from a class I or higher facility.

#### **KNOWLEDGE SKILLS AND ABILITIES:**

- Demonstrated working knowledge of activated sludge (e.g. Trickling Filter / Solids Contact) including the types, uses of processes and standard equipment used in the operation of a WWTP.
- Prior experience with one or more types of effluent nutrient removal systems is a plus.
- Must show a demonstrated ability to read and understand basic as-built drawings.

- Demonstrated knowledge of basic electrical safety under limited supervision by a senior electrician.
- Competency with the types and uses of common hand, electrical tools and or mechanical equipment used in operation and maintenance work.
- Ability to operate plant equipment and pumps in an appropriate manner.
- Understand and follow Standard Operating Procedures (SOP's), rules and safety.
- Good mechanical aptitude and ability to perform semi-skilled tasks under limited supervision of a senior operator.
- Strong working knowledge of wastewater mathematics and their application to process control.

#### **GENERAL REQUIREMENTS:**

- Must be able to complete assigned higher skill level tasks with limited or no senior staff supervision.
- Must be willing to participate in a collaborative team-focused effort to solve evolving complex operational challenges.
- Ability to communicate courteously, effectively and tactfully in all interactions with the public and District staff.
- Demonstrated written and oral communication skills.
- Ability to carry out oral and written instructions.
- Ability to work in an efficient manner, organize and prioritize workloads.
- May perform task/job duties of other staff in order to balance workload and or cross-train personnel.
- Proficiency with common office practices, equipment and software.
- Follow all safety requirements set forth by District policy, State and Federal codes.
- Follow all District Policies and Procedures as outlined in the District Employee Handbook.
- Other duties as assigned.

#### **SPECIAL REQUIREMENTS:**

- Must have a valid WA State Driver's license with a good driving record suitable to meet the requirements of the District's insurance carrier.
- Submit personal information necessary for background check.
- Willingness to submit to a Pre-employment drug test prior to starting employment.

#### **WORK ENVIRONMENT:**

- Work is generally performed in WWTP environment.
- Anticipated to respond in emergency situations with little or no notice and in a variety of weather conditions.
- Work is generally performed in an environment consisting of loud noises, biological agents, chemical hazards, and odors associated with WWTP facilities.
- Ability to work in and around confined space areas.
- Ability to perform manual tasks involving physical strength and endurance.
- Requires visual and hearing acuity and or substantial manual dexterity.
- Ability to work in and be exposed to all types of weather conditions.

**MACHINERY, TOOLS, EQUIPMENT, PERSONAL PROTECTICE EQUIPMENT:**

- Equipment utilized includes laboratory equipment; miscellaneous hand and power operated tools, and equipment associated with treatment plant maintenance and repair; vehicles such as full size pick-up trucks, forklift, and standard office equipment including computers.
- Personal Protective Equipment (PPE's) shall be comprised of all PPE's associated with chemical, confined space, and atmospheric conditions common in the work place. The level of PPE for the given task shall be determined by the Districts' Safety Officer—this may include the use of a properly fitted respirator and safety harness and other associated equipment needed for the task.

The statements contained in this class specification reflect general details as necessary to describe the principal functions of this class, the level of knowledge and skill typically required, and the scope of responsibility, but should not be considered an all-inclusive listing of work requirements. Individuals may perform other duties as assigned including work in other functional areas to cover absences or relief, to equalize peak work periods or otherwise to balance the work load.

**PHYSICAL DEMANDS:** How much on-the-job time is spent performing the following physical activities?

Physical Activity	Amount of Time			
	None	Less than 1/3	1/3 to 2/3	More than 2/3
Stand				X
Walk			X	
Sit		X		
Use hands to finger, handle or feel				X
Reach with hands and arms				X
Climb or balance		X		
Stoop, kneel, crouch or crawl		X		
Talk or hear				X
Taste or smell				X

- Does this job require that weight be lifted or force be exerted? If so, how much and how often?

Lifts Weight or Exerts Force	Amount of Time			
	None	Less than 1/3	1/3 to 2/3	More than 2/3
Up to 10 pounds			X	
Up to 25 pounds			X	

Up to 50 pounds		X		
Up to 100 pounds		X		
More than 100 pounds		X		

- **Select the specific vision requirements of this job** (you may check as many as needed):

X	<b>Close Vision</b>	Ability to see clearly at 20 inches or less
X	<b>Distance Vision</b>	Ability to see clearly at 20 feet or more
X	<b>Color Vision</b>	Ability to identify and distinguish colors
X	<b>Peripheral Vision</b>	Ability to observe an area that can be seen up and down or to the left and right while eyes remain fixed on a give point, i.e., drivers, referees, control board monitor
X	<b>Depth Perception</b>	3-D vision, ability to judge distances and spatial relationships to see objects where and as they actually are; i.e., drivers, conveyor system workers
X	<b>Ability to Adjust Focus</b>	Ability to adjust the eye to bring an object into sharp focus. This is required when doing close work at varying distances from the eye, i.e., computer operators, inspectors

- **Environmental Demands:** How much exposure to the following environmental conditions does this job require?

Environmental Conditions	Amount of Time			
	None	Less than 1/3	1/3 to 2/3	More than 2/3
Wet & humid conditions (non-weather)			X	
Work near moving mechanical parts				X
Work in high, precarious places		X		
Fumes or airborne particles		X		
Toxic or caustic chemicals		X		
Outdoor weather conditions				X
Extreme cold (non-weather)		X		
Extreme heat (non-weather)		X		
Risk of electrical shock		X		

Work with explosives	X			
Risk of radiation	X			
Vibration		X		