

**FCWRD
Job Posting**

Wastewater Operator/Maintenance Mechanic- Flagg Creek Water Reclamation District (FCWRD)

Position Summary

FCWRD is seeking either a Wastewater Operator or Maintenance Mechanic with experience and knowledge of wastewater treatment systems. This position requires well-developed interpersonal and technical skills in the operation and maintenance of wastewater systems and demonstrated successful teamwork.

The position requires demonstrated experience in the operation and maintenance of wastewater treatment plants and lift stations or demonstrated ability based on experience in an industrial setting. Knowledge of pumps, compressors, electrical feed equipment, solids handling processes, chemical feed equipment, filtration units, control systems is required. Beneficial but not required is the possession of an Illinois State Wastewater Operators Certification or the ability to obtain it via reciprocity if certified in another state. Based on the candidates experience and skills FCWRD can hire across its current Job Descriptions which are Operator/Maintenance Mechanic in Training, Level II or Level I that require possession of Illinois State Certifications.

About FCWRD

FCWRD is a Sanitary District created under the Illinois Sanitary District Act of 1917. The District has responsibility for collecting and treating flow from a sewer system within an established Facility Planning Area (FPA) in the Southeast corner of DuPage County primarily, with portions in the western edge of Cook County. The sewer system covers an area of approximately 27 square miles and collects sanitary waste from approximately 100,000 Population Equivalents. The District owns and operates 21 Lift Stations and a 12 MGD Treatment Plant that is equipped with separate excess flow treatment facilities. The collection system is comprised of both separate and combined sewers and consists of approximately 300 miles of pipe with approximately 250 miles of separate sanitary sewers owned by the District and 50 miles of combined sewers owned by the Village of Hinsdale. FCWRD website has additional information www.flaggcreekwrd.org

Skills

- Troubleshoot, Operate and Maintain Systems and Equipment Independently
- Respond to Alarms When On Call on a Rotating Basis
- Provide Weekend Coverage of Plant and Lift Stations on a Rotating Basis
- Effectively Communicate, Verbally and in Writing
- Represent the District in a Professional Way to the Public
- Operate a Motor Vehicle
- Operate a Crane Truck or Ability to Learn
- Operate a Forklift

Work Week Shift

- Mon – Fri, 7am to 3pm (w/exception to rotating weekend shift coverage & rotating 24/7 on-call coverage)

Salary

Commensurate with experience. Existing Titles for Operators and Maintenance Mechanics range from \$45,000 to 90,000/yr and include entry level to Certified Operators.

To Apply:

Resumes from interested candidates, including at least three (3) professional references that can be contacted, or three (3) letters of recommendation, shall be mailed and/or emailed to the attention of the Plant Superintendent Mr. Robert McCarthy at info@fcwrd.org deadline for receipt is **3:00 PM, Friday April 29, 2022.**

FLAGG CREEK WATER RECLAMATION DISTRICT

Job Description

Operator / Maintenance Mechanic

GENERAL SUMMARY

Repairs, services, troubleshoots, and performs preventive and corrective maintenance of equipment and machinery in the wastewater treatment plant, pumping stations and related facilities. Reports directly to the Maintenance Supervisor.

ESSENTIAL DUTIES AND RESPONSIBILITIES

The following duties and responsibilities are typical for this job. Incumbents may not perform and have all of the listed duties and/or may be required to perform or have additional or different duties from those set forth below to address business needs and changing business practices.

- 1) Complete and log written and or electronic daily work sheets and service sheets; review equipment service logs for previous comments or repairs on equipment; complete work orders for malfunctions identified during routine maintenance inspections; maintain all records.
- 2) Create parts list to perform maintenance and repairs as necessary.
- 3) Respond to a variety of wastewater emergencies on an assigned standby shift.
- 4) Perform work on process equipment in the plant, including pumps, motors, gear boxes, gear reducers, air and gas compressors, blowers, centrifuges, bar screens, augers, hydraulic systems, and conveyor belts.
- 5) Perform complex preventive mechanical maintenance on process equipment in the plant by inspecting and cleaning equipment, including but not limited to replacing oil, adjusting and/or replacing belts, gear boxes, pistons, rollers, filters, valves, gaskets and other related parts.
- 6) Perform complex corrective mechanical maintenance on process equipment in the plant by troubleshooting cause of malfunction using visual inspection and precision measuring and testing instruments and replacing or repairing broken parts such as gauges, gaskets, plugs, coils, wires, bearings, drive lines, valves, pistons, rings, crankshafts and pumps.
- 7) Rebuild equipment by disassembling, cleaning, and repairing mechanical malfunctions; reassemble, install and test equipment to ensure that it is in proper working condition.
- 8) Initiate and complete documentation for confined space entry procedures.
- 9) Read schematic drawings to determine location and layout of equipment; isolate and tag

equipment to be worked on before performing mechanical maintenance.

KNOWLEDGE, SKILLS AND ABILITIES REQUIRED

Knowledge of:

- 1) Wastewater treatment operations and the operation, maintenance and repair of wastewater collection, treatment, and disposal facilities and equipment.
- 2) Safe and effective use and operation of hand tools, mechanical equipment, power tools, and light to heavy equipment, including “Hot Work”.
- 3) Interpersonal skills and abilities to communicate effectively both orally and in writing with co-workers, contractors and outside agencies, including under difficult circumstances.

Ability to:

- 4) Maintain accurate logs, reports, and basic written records of work performed.
- 5) Perform troubleshooting, repair, maintenance, and servicing tasks on equipment and machinery.
- 6) Comprehend and follow verbal and written instructions.

EDUCATION, EXPERIENCE, LICENSES AND CERTIFICATIONS

- 1) Possession or ability to obtain within one year of appointment, an Operator in Training-Basic Level Certificate of Competency from the Illinois E.P.A. Progress to an Operator in Training-Intermediate Level Certificate of Competency from Illinois E.P.A. which can be obtained within three years of the date of employment, followed by an Operator in Training-Advanced Level Certificate of Competency from Illinois E.P.A. which can be obtained within four years of the date of employment.
- 2) Minimum State of Illinois Driver’s License. Preferred State of Illinois Class B Commercial Drivers License.
- 3) High school diploma or equivalent.
- 4) Minimum of three years’ experience working in a trade or as a mechanic

PHYSICAL ABILITIES REQUIRED

- 1) Operate cars and trucks and operate heavy equipment, including dump truck, front end loader, Hi-Lift and skid steer.
- 2) Respiratory fitness required for use of self-contained breathing apparatus for confined space entry and work with chemicals including chlorine and sulfur dioxide.
- 3) Mobility to work in a wastewater treatment plant and facilities, including strength, stamina, and mobility to perform standing, walking, sitting, bending and climbing repetitively throughout the day in areas including stairways, grating, catwalks, ladders and a variety of other interior and exterior surfaces and work areas.
- 4) Ability to lift, push and pull buckets, tools, shovels, rakes and other equipment, up to 60 pounds, and to lift heavier objects with assistance.
- 5) Work with equipment or perform duties that require extreme precautions to avoid injury.
- 6) Observe safe work practices and methods appropriate to work, including the handling and storage of hazardous chemicals, and wear and use protective equipment, such as safety glasses, gloves, hearing protection, respirators and air packs, safety shoes, and hard hats.
- 7) Color vision to read gauges and identify equipment.

WORKING CONDITIONS

Wastewater treatment plant. Employees work in the field and are exposed to loud noise levels, cold and hot temperatures, inclement weather conditions, road hazards, vibration, confining workspace, chemicals, mechanical and/or electrical hazards, and hazardous physical substances and fumes. Employees may interact with upset staff and/or public and private representatives, and contractors in interpreting and enforcing policies and procedures.