



## CAMBRIA COMMUNITY SERVICES DISTRICT

### POSITION SPECIFICATION

<b>Position</b>	Wastewater Operator II
<b>Organization</b>	Cambria Community Services District
<b>Location</b>	Cambria, California
<b>Reports to</b>	Wastewater Systems Superintendent
<b>Website</b>	<a href="http://www.cambriacsd.org">www.cambriacsd.org</a>

#### **DEFINITION**

Under supervision of the Wastewater Systems Superintendent, operate the District's wastewater treatment plant and collection system; to perform a wide variety of operation and maintenance duties; and to do related work as required.

#### **ESSENTIAL DUTIES AND RESPONSIBILITIES**

(Any one position may not include all of the duties listed, nor do all the listed examples include all tests, which may be found in positions of the class.)

#### **Laboratory:**

- 30 min Settable Solids
- PH
- Temperature of water samples
- Suspended Solids
- MLSS and MLVSS
- Bacteriological analyses for MPN, and Colilert for the drinking
- Fill out the necessary logs and input information into the computer
- Know the location of all sample points for wastewater sampling
- Chlorine residual both Hach and Titration methods
- Microscopic slides of wastewater
- COD and BOD
- Making of media for Bacteriological tests.

#### **Plant Operations:**

- Location of valves
- Understand flows inside the plant
- Take D.O. readings and fill out reports. Adjust air only under supervision
- Name and understand the major plant components
- Be able to reset all equipment and restart the plants after a power failure

- Fill the plant basins from the EQ tanks, influent pump station or with effluent
- Take air compressor and manometer readings
- Read meters and fill out the necessary logs
- Follow mandated protocol for reporting spills or sanitary overflows
- Report malfunctioning plant equipment to supervisor
- Fill out work orders and purchase orders
- Read and understand pump curves
- Clean digester, reaeration, and clarifier basins as necessary
- Follow all safety requirements
- Know and recognize confined spaces and their entry procedures
- Adjust air volumes from air compressors
- Change plants from contact stabilization to extended aeration
- Adjust Return Activated Sludge Flows
- Participate in plant operating decisions.
- Check performance of equipment and perform repairs with little or no supervision
- Read maps of the plant
- Know the effluent requirements from the plant
- Enter FM and MCRT reports into the computer
- Know all safety aspects of job requirements

### **Sludge Disposal:**

- Transfer sludge as required under supervision
- Haul and unload sludge to disposal site
- Decant digester as necessary
- Operate all equipment needed to load sludge truck
- Operate sludge processing equipment
- Inspection of sludge disposal site
- Report problems to supervisor
- Know general quantities of sludge transported and the locations
- Know the sludge rules governing the sludge disposal site

### **Spray field:**

- Locations of valves from ponds to spray field
- Setup of sprinklers or ponds as necessary
- Maintenance of spray field and equipment
- Operation of caterpillar tractor for disking
- Location of non-potable pumps and operation
- Inspection of spray fields
- Reporting of problems to supervisor
- Know the effluent requirement to the ponds and spray field
- Know the requirements regarding pounding of the sprinkler system

### **Collection System:**

- Basic understanding of pump stations and their control panels
- While on call respond to alarms and emergency problems in the collection system
- Notify supervision of all problems
- If a spill occurs notify the appropriate agencies
- Make appropriate repairs to collection system to prevent spills
- Make repairs to equipment and pump station to prevent spills
- Qualified personnel shall do all electrical repairs only

- Call the appropriate people to make repairs if you are not qualified
- Proper operation of the Vactor, portable hydraulic pump
- Operation of on-site generators, and electrical control panels
- Know and recognize confined spaces and their entry procedures
- Operates and maintains the wastewater treatment system and collections system.
- Checks performance and assists in the repair and maintenance of equipment such as pumps, motors, switch gear, controls, meters, and air compressors
- Cleans and maintains the appearance of plant equipment, buildings, lift stations, and vehicles.
- Collects samples and runs required laboratory tests.
- Maintains logs and records of laboratory testing, equipment history, and operations and maintenance.

### **KNOWLEDGE, SKILLS AND ABILITIES**

Principles and practices of wastewater treatment plant operations; operating principles of valves, pumps, and motors; principles and methods of bacteriological and chemical analyses; types and functions of equipment commonly used; safety requirements and practices required for systems operation and maintenance.

Perform routine operation and maintenance of the wastewater treatment plant and the collection system; perform property testing procedures of routine analysis; record pertinent information in logs and records; and maintain cooperative working relationships.

### **REQUIRED QUALIFICATIONS**

- One and one half years of experience as a Grade I in the operation and maintenance of a wastewater treatment plant
- Possession of a Grade II Wastewater Treatment Plant Operator's certification/California State Water Resources Control Board
- High School graduate or equivalent
- Valid California class "B" driver's license within six (6) months. Must maintain satisfactory DMV record and ability to maintain insurability
- Grade II Wastewater Treatment Plant Operator's Certification California State Water Resources Control Board