

WATER TREATMENT TECHNICIAN

Water Treatment Technicians perform daily monitoring of agricultural plant functions, which includes accessing the daily demands and making appropriate adjustments to meet those demands.

WHAT RESPONSIBILITIES WILL I HAVE?

- Accountable for the day to day operations of the waste water treatment and recovery facility
- Meticulously execute process sampling to accurately gauge and monitor levels
- Monitor wastewater operations
- Analyze instantaneous and historical data to decide and act on needed process/operational adjustments (demand, chemical dosage, process adjustments)
- Assist operating management in the installation and maintenance of environmental compliance measures required under Federal, State, and local regulations
- Assist management in interpreting and applying technical regulatory requirements on production operations
- Log all operational data and produce frequent reports
- Promptly troubleshoot process, instrumentation, data, and mechanical problems
- Perform basic maintenance, repair, and calibration
- Respond to any related emergencies
- Work closely with adjacent farming operation to insure land application of treated waste water is compliant
- Monitor cost control measures for environmental compliance
- Remain up to date on new developments in regulatory changes in environmental requirements
- Communicate effectively with plant management regarding all waste treatment and water recovery activities



WHAT EDUCATION & TRAINING IS REQUIRED?

Associate's degree in agriculture, environmental science, or natural resources is required; must also be certified with a Wastewater Operator Certification

THE FOLLOWING HIGH SCHOOL COURSES ARE RECOMMENDED...

Agricultural education, English, biology, physics, chemistry, natural resources, mathematics

TYPICAL EMPLOYERS

Agricultural companies, processing plants, chemical plants, large animal production farms, grain elevators, government agencies

FUTURE JOB MARKET/OUTLOOK



SUGGESTED PROFESSIONAL ORGANIZATIONS & ASSOCIATIONS

- American Water Resources Association
- World Association of Soil and Water Conservation
- National Groundwater Association

AVERAGE ANNUAL FULL-TIME SALARY

\$38,000