

New Mexico State University

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Key Responsibilities of Water & Waste Water Technicians

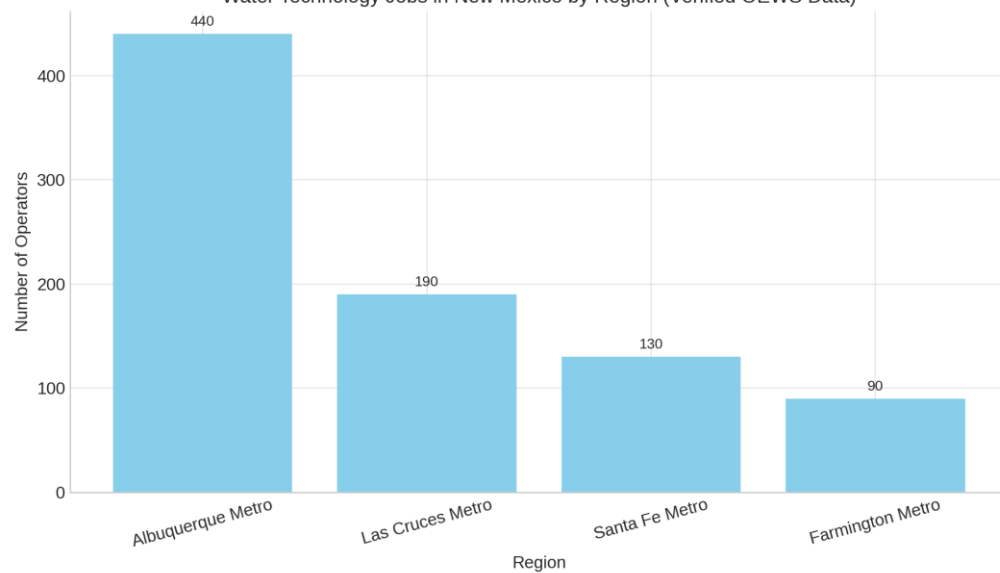
- **Monitor and Control Treatment Systems** — manage machines and processes to transfer or treat water/wastewater, often SCADA (Supervisory Control and Data Acquisition) systems.
- **Chemical Dosing** — add substances like ammonia or chlorine to disinfect water or other liquids.
- **Routine Inspections** — examine equipment, tanks, filter beds, and other work areas.
- **Sampling and Testing** — collect/test water and sewage samples and record findings.
- **Data Recording and Reporting** — note meter and gauge readings, operational data, and submit test results to regulatory agencies.
- **Equipment Operation and Cleaning** — run purification or sewage-processing equipment and maintain cleanliness.
- **Regulatory Compliance and Safety** — follow EPA standards and ensure safety protocols.
- **Emergency Preparedness** — manually operate equipment during malfunctions or outages.
- **Variable Responsibilities** — in smaller plants, one operator may handle all tasks; in larger facilities, roles are more specialized.



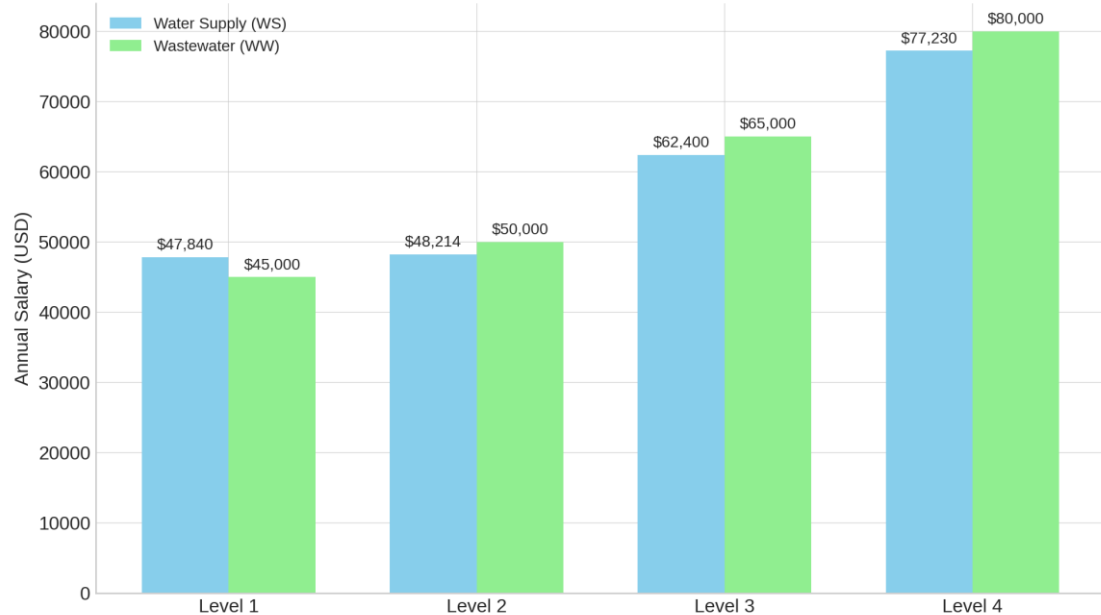
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Water Technology Jobs in New Mexico by Region (Verified OEWS Data)



Comparison of Water Supply vs Wastewater Operator Salaries by Certification Level (NM)



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What is DACC currently doing to assist in creating a workforce?

- Offering Certification and Associates degree pathway that prepares students to take the Level 2 certification exams in Water or Waste Water.
- Working closely with local municipalities and industry to align courses to current needs and technical standards.
- Working to largely increase student recruitment and grow program to provide as many well trained technicians as possible.
- Currently seeking certification to become a State Certified Water Testing Lab to provide much needed water quality and safety testing for utility operators and local citizens.

What's needed to support Water Tech workforce development?

- Marketing Water Technician career pathway at a statewide level.
- Assistance for graduates with certification testing fees.
- Support to ensure updated equipment and facilities.
- Incentives for internship opportunities.



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