

Silas Acosta

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SUMMARY

Municipal water utility **maintenance technician** with three years and three months of progressive field experience supporting water distribution and wastewater collection systems. Performs line inspections, leak location, excavation, pipe replacement, valve operation, hydrant maintenance, pump station checks, lift station support, and emergency service restoration. Experienced with chlorine residual monitoring, water sampling, video inspection, manholes, cleanouts, wet wells, control valves, work orders, and field records. Holds a **Texas Class B Commercial Driver's License**, **TCEQ Class I Wastewater Collection License**, and **TCEQ Class D Water License**. Applies traffic control, excavation, confined space, and work zone safety procedures during routine and after hours assignments. Works closely with utility and public works crews to restore reliable service and complete repairs safely.

EXPERIENCE

Maintenance Technician II, Water and Wastewater

March 2025 - Present

Trinity Basin Utility Services

Mesquite, TX

- Supports water distribution and wastewater collection assets across scheduled maintenance, emergency response, line repair, pump station inspection, field documentation, and after hours utility operations. Coordinates with crews on safe restoration, equipment use, sampling, and work order completion.
- Closed work orders for leaks, valves, hydrants, manholes, and cleanouts across utility assets.
 - Located water loss through **leak detection**, excavation, valve isolation, and pipe repair preparation.
 - Inspected lift station pumps, **control valves**, and **wet wells**, removing debris and completing minor repairs.
 - Collected **water samples** and monitored **chlorine residuals**, recording field results for utility review.
 - Established barricades and traffic controls, securing excavation and confined space work zones.
 - Operated utility trucks, hand tools, power tools, compact equipment, and **heavy equipment** safely.

Utility Maintenance Technician I

July 2023 - February 2025

Prairie Creek Water Operations

Rockwall, TX

- Supported daily **water distribution** and **wastewater collection** operations through infrastructure inspection, supervised repair work, pump and lift station checks, service calls, emergency response, and accurate work order closeout.
- Inspected service lines, **hydrants**, valves, sewer access points, and related infrastructure for defects.
 - Supported **excavation** and pipe repair assignments for service leaks and main breaks.
 - Used leak detection and **video inspection** equipment, documenting findings for repair planning.
 - Checked pumps, wet wells, and controls, escalating abnormal conditions before service impact.
 - Responded to after hours calls, supporting valve operations, cleanup, and work order closeout.
 - Earned Texas Class B CDL and **TCEQ Class I Wastewater Collection License** during service.

PROJECTS

Regional Lift Station Reliability Review 📅 2025

Worked with utility crews to review pump, wet well, control valve, and debris conditions, connecting field observations with safer maintenance planning.

Distribution Leak Response Improvement 📅 2024

Supported field teams using leak detection, video inspection, valve isolation, excavation, and documentation for faster service restoration.

LEADERSHIP & AWARDS

- Recognized by field supervisors for dependable after hours response and careful emergency site control.
- Selected for progressively responsible assignments involving water distribution and wastewater collection assets.

EDUCATION

High School Diploma

2023

North Mesquite High School GPA: 0

Mesquite, TX

Coursework: Water systems, industrial technology, workplace safety, environmental science

CERTIFICATIONS

- Texas Class B Commercial Driver's License 📅 2025
- TCEQ Class I Wastewater Collection License 📅 2025

- TCEQ Class D Water License 📅 2026

TECHNICAL SKILLS

- **Water Distribution:** Service lines, water mains, hydrants
- **Wastewater Collection:** Sewer lines, manholes, cleanouts
- **Repair Methods:** Excavation, pipe replacement, restoration
- **Valve Systems:** Isolation valves, control valves, valve operation
- **Pump Operations:** Pump stations, lift stations, wet wells
- **Inspection Tools:** Leak detection, video inspection, visual inspection
- **Water Quality:** Chlorine residuals, water sampling, field records
- **Safety Procedures:** Confined space, excavation safety, work zones
- **Traffic Control:** Barricades, traffic devices, roadside protection
- **Equipment Operation:** Hand tools, power tools, heavy equipment

SKILLS

- | | | | |
|-------------------------|-----------------------|--------------------|----------------------|
| • Water distribution | • Pipe replacement | • Lift stations | • Traffic control |
| • Wastewater collection | • Valve operation | • Leak detection | • Emergency response |
| • Line repair | • Hydrant maintenance | • Video inspection | • Work orders |
| • Excavation | • Pump stations | • Water sampling | |

PROFESSIONAL AFFILIATIONS

- Utility maintenance crews, coordinated safe repairs and clear handoffs across field operations.
- Public works support teams, contributed equipment and site support during special maintenance projects.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST