

Alex Gill

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SUMMARY

Public works maintenance specialist with eight years of municipal utility and street operations experience across **potable water distribution**, **wastewater collection**, storm drainage, roadway maintenance, and emergency response. Maintains wells, reservoirs, booster stations, lift stations, mains, hydrants, valves, controls, and related field equipment serving approximately 18,000 accounts. Troubleshoots leaks, pumps, pressure systems, floats, wiring, control panels, chlorination equipment, and water level monitoring systems through field measurements and operating trends. Collects regulated water samples, maintains **Department of Health records**, and packages samples for accredited laboratories. Leads confined space work with atmospheric monitoring, ventilation, retrieval equipment, SCBA, and fall protection. Holds Washington Class B CDL with tank endorsement, **Water Distribution Specialist** certification, first aid credentials, current flagging credentials, and practical experience supporting customers, crews, contractors, and emergency operations.

EXPERIENCE

Senior Utility Maintenance Technician

July 2023 - Present

Pine Ridge Public Utilities

Spokane Valley, WA

Leads daily maintenance across water and sewer assets serving approximately 18,000 accounts. Coordinates field response, regulatory sampling, confined space work, chemical systems, and after hours service restoration.

- Maintained wells, reservoirs, **booster stations**, **lift stations**, mains, hydrants, and valves serving 18,000 accounts.
- Diagnosed leaks, pump faults, pressure controls, floats, wiring, and control panels using field measurements.
- Operated gas chlorination and chemical feed systems during routine treatment and cylinder replacement work.
- Collected bacteriological, **lead and copper**, inorganic, and organic samples for state compliance records.
- Led **confined space** entries using atmospheric monitoring, ventilation, retrieval equipment, and **fall protection**.
- Restored water and sewer service during rotating **emergency response** with complete field documentation.

Utility Maintenance Specialist

June 2021 - June 2023

North Basin Water & Sewer Cooperative

Cheney, WA

Supported water distribution and **wastewater collection** operations across mains, services, hydrants, **valves**, manholes, lift stations, and emergency pumping assets. Used inspection data to guide repairs and coordinate safe utility work.

- Maintained water **mains**, services, **hydrants**, valves, sewer mains, manholes, and lift stations.
- Inspected sewer lines with articulating cameras and prioritized rodding, cleaning, and repairs.
- Troubleshoot lift station **pumps**, floats, wiring, and controls during field replacement projects.
- Located buried utilities with inductive and conductive equipment for contractors, engineers, and crews.
- Operated mobile generators during outages and maintained emergency pumping logs for supervisors.
- Restored pavement, curbs, and sidewalks after utility excavation using concrete and asphalt methods.

Public Works Maintenance Technician

May 2019 - May 2021

Canyon Creek Municipal Operations

Medical Lake, WA

Performed broad municipal maintenance across utility, drainage, pavement, winter operations, traffic control, and customer meter routes. Combined equipment operation with field inspection and practical service restoration.

- Operated loaders, **backhoes**, **dump trucks**, snowplows, compactors, and tools for municipal work.
- Flushed mains and inspected hydrants and valves for system and fire flow readiness.
- Read meter routes with handheld equipment and investigated leaks, damaged meters, and abnormal usage.
- Installed and cleaned culverts, catch basins, inlets, and storm drains to prevent obstructions.
- Repaired pavement with hot and cold asphalt while renewing traffic markings and signs.
- Managed snow and ice operations using traction sand and deicing materials near utility access.

Maintenance Worker

October 2018 - April 2019

West Plains Infrastructure Services

Airway Heights, WA

Supported water, sewer, street, and drainage crews with **utility maps**, blueprints, fittings, pumps, traffic equipment, and daily records. Built field readiness through supervised vault, manhole, pavement, and winter assignments.

- Supported water, sewer, street, and drainage crews using maps, **blueprints**, fittings, and pipe.
- Prepared tools, fittings, pumps, and traffic control equipment for service line repairs.
- Used **air quality monitors** and **fall protection** equipment during supervised vault and manhole work.
- Operated pickups, compactors, saws, and hand tools for pavement restoration and drainage cleaning.
- Supported hydrant inspections, valve exercising, sewer cleaning, and storm drain maintenance with daily records.
- Completed winter support involving snow removal, sanding, and safe work near heavy equipment.

PROJECTS

Regional Lift Station Reliability Program 📅 2024

Improved lift station readiness through pump checks, float testing, control review, generator exercises, and emergency pumping logs. Field records gave crews clearer repair priorities during outages.

Water Quality Sampling and Records Program 📅 2023

Coordinated recurring bacteriological, lead and copper, inorganic, and organic sampling. Prepared laboratory packages and maintained state records that supported dependable regulatory follow through.

LEADERSHIP & AWARDS

- Water Distribution Specialist certification recognized for practical knowledge of potable water system operation.
- Senior technician assignment recognized for dependable emergency response and confined space leadership.
- Safety leadership recognized through consistent use of air monitoring, retrieval systems, and fall protection.

EDUCATION

Associate of Applied Science in Water Resources Technology

2018

Spokane Community College GPA: 3.5

Spokane, WA

Coursework: Water distribution, wastewater collection, hydraulics, utility mapping, environmental sampling

CERTIFICATIONS

- Water Works Operator Certification, Water Distribution Specialist 📅 2022
- Washington State Class B Commercial Driver's License, Tank Vehicle Endorsement 📅 2021
- First Aid and CPR Certification 📅 2024
- Traffic Flagging Card 📅 2024
- Confined Space Entry and Fall Protection Training 📅 2024

TECHNICAL SKILLS

- **Water Distribution Systems:** Wells, reservoirs, mains, hydrants
- **Wastewater Collection:** Lift stations, manholes, sewer mains
- **Pumps and Controls:** Pumps, floats, pressure switches
- **Chlorination Systems:** Gas chlorination, feed pumps, tubing
- **Water Quality Testing:** Bacteria, lead and copper, inorganics
- **Confined Space Safety:** Gas monitors, SCBA, retrieval winches
- **Utility Locating:** Inductive locating, conductive locating, utility maps
- **Heavy Equipment:** Backhoes, loaders, dump trucks
- **Winter Operations:** Snowplows, traction sand, deicer
- **Roadway Restoration:** Concrete, hot asphalt, cold asphalt
- **Drainage Maintenance:** Culverts, catch basins, storm drains
- **Emergency Power:** Generators, emergency pumping, outage logs

SKILLS

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|--------------------------|---------------------------|--------------------------|---------------------|
| • Water distribution | • Chemical feed | • Fall protection | • Utility maps |
| • Wastewater collection | • Utility locating | • Air quality monitoring | • Flow calculations |
| • Water quality sampling | • Sewer camera inspection | • Emergency response | • Traffic control |
| • Gas chlorination | • Confined space entry | • Storm drainage | |

PROFESSIONAL AFFILIATIONS

- Municipal utility operations teams supporting water, sewer, drainage, streets, and emergency response.
- Regional public works crews coordinating safe utility locating, traffic control, restoration, and customer service.

LANGUAGES

- English (Native)
- Spanish (Beginner)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST