Colton Larsen

H2O URBAN SOLUTIONS

CONSTRUCTION INSPECTOR

WATER MAINS • TANKS • SERVICES • HEAVY CIVIL



Photo: Colton Larsen, H2Ou Inspector | Outbound Yosemite | California American Water

8+	PIPELINE	FIELD QA	INSPECTION
YEARS OF EXPERIENCE	FIELD SPECIALTY	PRIMARY CREDENTIAL	DELIVERY FOCUS

PROFESSIONAL PROFILE

Construction inspector and experienced pipelayer with 8+ years of water, sewer, and storm-drain construction experience. Reads plans, details, and agency standards; checks grade and elevations; and understands pipeline installation from excavation through backfill and restoration. Provides practical field observation, quantity tracking, safety awareness, and daily construction documentation.

QUALIFICATIONS AT A GLANCE

FIELD TRAINING

- Delta Pipeline University
- Plan reading and pipeline calculations
- Grade lasers, string line, and elevations

CONSTRUCTION BACKGROUND

- Water, sewer, and storm-drain pipelines
- Pipelaying, copper soldering, and grade
- Limited heavy-equipment operation

WATER INDUSTRY FOCUS

- Distribution mains and services
- Storage tanks and site work
- Inspection, QA, and documentation

CORE WATER & CONSTRUCTION CAPABILITIES

- **Construction Inspection**
- **Pipeline Installation**
- **Grade & Elevations**
- **Water Services**
- **Tank Site Work**
- **Backfill & Restoration**
- **Plan Reading**
- **Daily Reporting**

SELECTED PROJECT EXPERIENCE

AUSTIN / STEINER WATER MAIN IMPROVEMENTS | California American Water, Sacramento, CA

ROLE Construction Inspector FACILITY Water Main Replacement SCALE 15,000 LF

- Inspected approximately 10,700 feet of 8-inch DR14 PVC and 4,300 feet of 8-inch Class 52 ductile iron main with 312 services and 23 hydrants.
- Tracked pipe, valves, services, hydrants, trench and paving work, crews, equipment, materials, quantities, safety, restoration, and progress.

OUTBOUND YOSEMITE WATER MAIN EXTENSION | California American Water, Oakhurst / Madera County, CA

ROLE Construction Inspector FACILITY Highway Water Main Extension SCALE 8,200+ LF

- Inspected a Highway 41 extension comprising approximately 7,600 feet of 12-inch DR14 C900 and 620 feet of Class 52 ductile iron main.
- Documented potholing, pipe, valves, hydrants, domestic stubs, sample stations, blowoffs, crews, equipment, traffic, quantities, safety, and progress.

ADDITIONAL PROJECT EXPERIENCE

ISLETON STORAGE TANK NO. 2 | California American Water, Isleton, CA

ROLE Construction Inspector FACILITY Water Storage Tank DELIVERY Inspection

- Provided daily field inspection for potable-water storage tank installation and related grading, civil, structural, piping, equipment, and site work.
- Tracked crews, equipment, materials, site safety, grade and excavation activities, construction progress, housekeeping, coordination, and daily documentation.

BASELINE COMMERCIAL WATER IMPROVEMENTS | California American Water, Sacramento, CA

ROLE Construction Inspector FACILITY Commercial Water System SCALE 1,185 LF

- Inspected approximately 1,185 feet of 8-inch DR14 C900 with valves, hydrant assemblies, domestic, fire and irrigation service stubs, tees, and fittings.
- Documented pipe and appurtenance installation, excavation, utility potholing, equipment, crews, backfill, compaction, restoration, quantities, and daily progress.

WATER, SEWER & STORM-DRAIN PIPELINE CONSTRUCTION | Southern California

ROLE Pipelayer / Laborer DELIVERY Heavy Civil Construction SERVICE Wet Utilities

- Installed water, sewer, and storm-drain pipelines to agency standards; read plans and details and checked grade and elevations for excavation crews.
- Set lasers and string lines for gravity pipe, soldered copper fittings, supported materials handling, and completed hands-on pipeline training.

CAREER HISTORY

DATES	ORGANIZATION	POSITION | RESPONSIBILITY
2026–Present	H2O Urban Solutions, Inc.	Construction Inspector | Inspection of water pipelines (primary), tanks, BPS and WTPs; daily field reports (DFRs)
2021–2026	Boudreau Pipeline	Laborer 2 / Pipelayer | Water, sewer, and storm-drain installation, plans, standards, grade, elevations, and workflow
2018–2021	Delta Pipeline	Laborer | Gravity pipeline grade, lasers, copper soldering, plan reading, pipeline calculations, and materials handling

ADDITIONAL QUALIFICATIONS

TECHNICAL SYSTEMS & DELIVERY

- Plans, details, standards, grade, and elevations
- Daily reports, photographs, quantities, crews, and equipment
- C900, ductile iron, services, valves, hydrants, and fittings
- Excavation, backfill, compaction, paving, and restoration

SAFETY, QUALITY & FIELD PRACTICE

- Safe and efficient wet-utility construction
- Pipeline bedding, line, grade, and installation observations
- Tank grading, civil work, equipment, and housekeeping
- Contractor coordination, communication, and field problem-solving