Leonardo Loya

H2O URBAN SOLUTIONS

CONSTRUCTION INSPECTOR

WATER MAINS • SERVICES • UTILITY POTHOLING • HEAVY CIVIL



Photo: Leonardo Loya, H2Ou Inspector | Eastern Area Main Replacements | Golden State Water Company

14+
YEARS OF EXPERIENCE

CA DAS
JOURNEYMAN CRAFT LABORER | TRAFFIC CONTROL

11+
YEARS AS PIPEFITTER & FOREMAN

BILINGUAL
ENGLISH | SPANISH

PROFESSIONAL PROFILE

Construction Inspector with 14+ years of underground utility, pipefitting and field-leadership experience. Leonardo is a State of California certified Journeyman Construction Craft Laborer (California Apprenticeship Council / DIR-DAS, 2017) and certified Traffic Control Technician & Flagger (Cal/MUTCD Part 6 & Cal/OSHA CCR 1599) who joined H2O Urban Solutions in May 2026 after more than a decade as a journeyman pipefitter and working foreman. Since joining H2Ou, he has provided active-workfront inspection for Golden State Water Company on the Eastern Area Main Replacements in Santa Maria and for California American Water on the Bellflower Phase 2 System 6 and Palm City Transit Village projects, documenting water-main, service, potholing, traffic-control, restoration, safety and quality activities through same-shift DFRs, photographs and quantities.

QUALIFICATIONS AT A GLANCE

CERTIFICATIONS & TRAINING

- Journeyman Construction Craft Laborer | CA Apprenticeship Council (DIR / DAS Form 48-C, 3/20/2017)
- Traffic Control Technician & Flagger | Cal Cone Zone (Cal/MUTCD Part 6 & CCR 1599, 1/19/2017)
- AGC San Diego Laborer Training (2018) | Prior Competent Person & Fall Protection training

PIPEFITTER | FOREMAN BACKGROUND

- More than 11 years as a journeyman and working foreman
- Industrial, commercial and residential piping systems
- Crew coordination, troubleshooting and installation QA/QC

WATER-MAIN & SERVICE FOCUS

- 8-inch C900 PVC & DIP mains and 1-inch copper services
- Utility potholing, elevations, traffic control and backfill
- Hydrants, service transfers, temporary paving and restoration

CORE WATER & CONSTRUCTION CAPABILITIES

- **Water Mains & Services**
- **Utility Potholing & Locating**
- **Construction Inspection**
- **DFRs, Photos & GPS**
- **Pipefitting & Copper Services**
- **Safety, Quality & Restoration**
- **Bilingual Crew Coordination**
- **Traffic Control & Public Access**

SELECTED PROJECT EXPERIENCE

EASTERN AREA MAIN REPLACEMENTS (AMR) | Golden State Water Company, Santa Maria, CA

ROLE Construction Inspector PROJECT No. 16100116 SCALE 5,830 LF 8-Inch C900 PVC | 122 Services

- Provides full-time active-workfront inspection (through DFR #35 in October 2026) for a 150-day residential water main replacement program comprising 8-inch C900 PVC main, services, valves, hydrants and appurtenances.
- Inspects sawcutting, trenching, pipe and valve installation, utility-conflict coordination, testing and disinfection, tie-ins, surface restoration, DFRs, progress photographs, redlines and GPS/GIS asset records.

BELLFLOWER PHASE 2 SYSTEM 6 | California American Water, Los Angeles County, CA

ROLE Construction Inspector DELIVERY Main | Service | Utility Potholing SCALE 9,000 LF 8-Inch DIP | 274 Services

- Inspected an active residential water-main program including 8-inch DIP, one-inch copper services, hydrants and related appurtenances while coordinating multiple contractor crews.
- Verified traffic control, potholing, utility locations and elevations, asphalt demolition, backfill, temporary paving, safety, quantities and photographs; completed same-shift DFRs and field check-ins.

PALM CITY TRANSIT VILLAGE | California American Water, San Diego, CA

ROLE Construction Inspector DELIVERY Night Service-Transfer Inspection PROJECT No. 1110230

- Provided evening and night inspection for one-inch copper water-service transfers on Palm Avenue, coordinating with Bonita Pipeline and adjacent boring-support activities in a constrained active work area.
- Tracked crew activity, traffic-control readiness, service-installation status, safety and quality observations, look-ahead work and photographs through detailed end-of-shift reporting.

REPRESENTATIVE PIPING & FIELD LEADERSHIP EXPERIENCE

INDUSTRIAL PIPING & FIELD LEADERSHIP | Marcon Engineering, Escondido, CA

ROLE Pipefitter | Working Foreman DELIVERY Industrial Piping DATES 2024 | 2025

- Installed and maintained industrial piping, fittings, valves, flanges and clamps from plans and technical drawings; verified installation quality and regulatory compliance.
- Coordinated field workflow, trained junior pipefitters, maintained materials and tools, and reinforced jobsite safety and efficient production.

COMMERCIAL & RESIDENTIAL PIPING | Orion Construction, Vista, CA

ROLE Journeyman Pipefitter DELIVERY Installation | Repair | Troubleshooting DATES 2013 | 2024

- Installed and repaired commercial and residential piping systems, interpreted plans and specifications, and led troubleshooting of complex field conditions.
- Applied safe-work procedures, blueprint analysis, pipe layout, cutting and copper soldering to support accurate installation and timely completion.

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)
2024–2025	MARCON Engineering	Pipefitter | Working Foreman | Industrial piping, plans, crew training, safety, quality and material control
2013–2024	Orion Construction	Journeyman Pipefitter | Commercial and residential piping, troubleshooting, plans/specifications and safe work
2011–2013	Burtech Pipeline	Construction Laborer | Pipeline installation, tools/equipment, crew coordination, excavation support and site cleanup

ADDITIONAL QUALIFICATIONS

TECHNICAL SYSTEMS & DOCUMENTATION

- Daily reports, quantities and progress photographs
- Plans, blueprints, specifications and piping layout
- GPS/GIS field support and utility-location records
- Leak detection, material verification and troubleshooting

CERTIFICATIONS, SAFETY & LANGUAGES

- CA Apprenticeship Council: Construction Craft Laborer (3/20/2017)
- Cal Cone Zone: Traffic Control Technician & Flagger (Cal/MUTCD Part 6 & CCR 1599, 1/19/2017)
- AGC San Diego laborer training (2018) | Prior Competent Person & Fall Protection training
- English and Spanish | Full professional proficiency