Erick Munoz

CONSTRUCTION INSPECTOR

UNDERGROUND UTILITIES & WATER SYSTEMS SPECIALIST

H2O URBAN SOLUTIONS



Photo: Erick Munoz, H2Ou Inspector | Bass Lake Meter Installation, Phase 1 | California American Water

14+
YEARS HANDS-ON EXPERTISE

OSHA 30
CONSTRUCTION SAFETY

July 2024
H2OU START

Bilingual
SPANISH | ENGLISH

PROFESSIONAL PROFILE

Mr. Munoz is a safety-focused and highly experienced Construction Inspector with over 14 years of hands-on expertise in underground utilities, water main installation, fire protection systems, and field crew leadership. His background as a Pipe Fitter Foreman and journeyman gives him deep, practical knowledge of construction means and methods, heavy equipment operations, blueprint interpretation, trench safety, and field constructability. Erick excels in daily field oversight, quality control, regulatory compliance, and proactive coordination with contractors and agency personnel. His foreman-level insight allows him to anticipate conflicts, enforce safety standards, identify issues early, and deliver production-focused inspection services that protect schedule, budget, public safety, and long-term system reliability.

QUALIFICATIONS AT A GLANCE

EDUCATION

- Diamond Ranch High School | High School Diploma
- Pomona, CA | 2006 | 2010

CERTIFICATIONS

- OSHA 30-Hour Construction Safety
- OSHA 10-Hour Construction Safety

EXPERTISE

- Construction Management
- Construction Inspection
- Quality Control
- Specialty Inspection

CORE WATER & CONSTRUCTION CAPABILITIES

- **Water Main Replacements**
- **Service Transfers**
- **Hydrants & Valves**
- **Fire Protection Systems**
- **Hydrostatic Testing**
- **Chlorination & Sampling**
- **Trench Safety**
- **Daily Inspection Reports**

INSPECTION RESPONSIBILITIES

Performs full-time on-site inspection of water main replacements, service transfers, hydrants, valves, and appurtenances to ensure full compliance with utility standards, project specifications, agency requirements, and safety regulations. Conducts daily field oversight including trench geometry, bedding, backfill compaction, pipe alignment/grade, jointing, thrust restraint, tie-ins, and surface restoration. Witnesses hydrostatic pressure testing, oversees chlorination, flushing, and bacteriological sampling/clearance, and documents all results in real-time. Maintains accurate Daily Inspection Reports, verifies material and compaction requirements, and coordinates closely with contractors and city inspectors to ensure timely project completion. Leverages extensive foreman and underground utility experience to anticipate conflicts, identify non-conforming work immediately, recommend effective corrective actions, and support safe, efficient construction that minimizes rework while protecting schedule, quality, and public safety.

PRIOR CONSTRUCTION EXPERIENCE

FOREMAN / PIPE FITTER | General Underground Fire Protection, Inc., Orange, CA

DATES August 2019 | July 2024

- Managed field crews and directly supervised the installation of underground fire lines and water mains while ensuring full compliance with project plans, specifications, and OSHA safety standards.
- Conducted daily safety meetings, equipment inspections, and work planning to maintain zero-incident performance. Operated heavy equipment (backhoe, excavator) and performed precise layout for fittings, valves, and hydrants.
- Started as labor pipe fitter and promoted to foreman within two years based on demonstrated leadership, technical skill, and consistent production results.

PIPE FITTER / LABORER | Lindley Fire Protection, Inc., Anaheim, CA

DATES May 2012 | June 2019

- Assisted with layout, cutting, assembly, and installation of pipe systems for fire protection and domestic water lines.
- Supported trench preparation, material handling, site cleanup, and team coordination while developing strong skills in blueprint reading, pipe assembly, and underground utility construction. Consistently met tight production schedules in active construction environments while maintaining high safety and quality standards.

CAREER HISTORY

DATES	ORGANIZATION	POSITION | RESPONSIBILITY
July 2024–Present	H2O Urban Solutions, South Lake Tahoe, CA	Construction Inspector Supervisor | Inspector supervision and QA on water pipelines (primary), tanks, BPS and WTPs; DFR review
Aug 2019–July 2024	General Underground Fire Protection, Inc., Orange, CA	Foreman / Pipe Fitter
May 2012–June 2019	Lindley Fire Protection, Inc., Anaheim, CA	Pipe Fitter / Laborer

ADDITIONAL QUALIFICATIONS

TOOLS & SOFTWARE

- GoFormz
- Field Maps
- EOS Tools Pro
- Microsoft 365

LANGUAGES

- Spanish | Native / Bilingual
- English | Native / Bilingual