

John Tirado

CONSTRUCTION INSPECTOR

WATER MAINS • SERVICES • TRENCH SAFETY • FIELD DOCUMENTATION

H2O URBAN SOLUTIONS

Photo: John Tirado, H2Ou Inspector | Yermo Rehabilitation Program, Project 7 | Liberty Utilities

8-IN DIP	1-IN	FIELD QA	INSPECTION
MAIN INSTALLATION	COPPER SERVICES	PRIMARY FOCUS	DELIVERY FOCUS

PROFESSIONAL PROFILE

Construction inspector supporting water-main replacement work through daily observation, safety reinforcement, materials and installation verification, quantity tracking, and detailed field reporting. Inspection experience includes ductile iron main installation, copper services, utility exposure, trench safety, backfill and compaction, temporary paving, dust control, housekeeping, and contractor coordination.

QUALIFICATIONS AT A GLANCE

FIELD QUALIFICATIONS

- Water main construction inspection
- Daily reports and progress photographs
- Crew, equipment, and quantity tracking

INSTALLATION EXPERIENCE

- Ductile iron pipe and tracer wire
- Tapping saddles and copper services
- Sand bedding, backfill, and compaction

WATER INDUSTRY FOCUS

- Distribution main replacement
- Services, hydrants, and appurtenances
- Safety, QA, and documentation

CORE WATER & CONSTRUCTION CAPABILITIES

- **Construction Inspection**
- **Ductile Iron Pipe**
- **Water Services**
- **Utility Exposure**
- **Trench Safety**
- **Backfill & Compaction**
- **Temporary Paving**
- **Daily Reporting**

SELECTED PROJECT & FIELD EXPERIENCE

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

ROLE Construction Inspector FACILITY Water Main Replacement SCALE 10,844 LF

- Inspected an approximately 10,844-foot, 8-inch Class 52 ductile iron main with 274 services, 10 hydrants, and air-vacuum facilities.
- Observed pipe wrapping and placement, tracer wire, sand cover, warning tape, saddles torqued to specification, copper services, backfill, compaction, and temporary paving.

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)

ADDITIONAL QUALIFICATIONS

TECHNICAL SYSTEMS & DELIVERY

- Daily reports, photographs, quantities, crews, and equipment
- Ductile iron pipe, saddles, corporation stops, and copper services
- Tracer wire, bedding, warning tape, backfill, and restoration
- Contractor coordination, progress tracking, and issue documentation

SAFETY, QUALITY & FIELD PRACTICE

- PPE reinforcement and daily safety meetings
- Spoil setback, utility exposure, and trench observations
- Compaction, dust control, sweeping, and housekeeping
- Specification-based torque and installation observations