Christopher (Chris) Grams

H2O URBAN SOLUTIONS

CONSTRUCTION INSPECTOR

WATER MAINS • SERVICES • HEAVY EQUIPMENT • FIELD SAFETY



Photo: Chris Grams, H2Ou Inspector | Hidden Hills - Tierra Grande Interconnect Phase 2 | California American Water

15+	OSHA 30	1"–56"	INSPECTION
YEARS OF EXPERIENCE	CONSTRUCTION SAFETY	WET UTILITY INSTALLS	DELIVERY FOCUS

PROFESSIONAL PROFILE

Construction inspector and former site foreman, heavy-equipment operator, distribution operator, and lead pipefitter with 15+ years of mechanical and construction experience, including wet utility installs from 1 to 56 inches and excavations up to 30 feet deep. Brings hands-on knowledge of water mains, services, fittings, pressure testing, as-builts, utility locating, traffic control, excavation, backfill, equipment operations, and crew safety to daily field inspection and documentation.

QUALIFICATIONS AT A GLANCE

CERTIFICATIONS

- OSHA 30 | OSHA 10
- Trench Competent Person
- Confined Space | Forklift
- Boom Lift | Industrial Trucks
- CPR / AED | First Aid | Driver license

FIELD TRAINING

- Blueprint reading and pipe layout
- Heavy equipment and utility locating
- Crew leadership and daily logs

WATER INDUSTRY FOCUS

- Distribution mains and services
- Hydrants, fire services, and fittings
- Inspection, safety, and documentation

CORE WATER & CONSTRUCTION CAPABILITIES

- **Construction Inspection**
- **Water Main Installation**
- **Pipefitting**
- **Heavy Equipment**
- **Utility Locating**
- **Traffic Control**
- **Crew Safety**
- **Daily Reporting**
- **Pressure Testing**
- **As-Builts & Potholing**
- **Trench Safety**

SELECTED PROJECT EXPERIENCE

HIDDEN HILLS–TIERRA GRANDE INTERCONNECT, PHASE 2 | California American Water, Monterey County, CA

ROLE Construction Inspector FACILITY Distribution Interconnect SCALE 2,950 LF

- Inspected construction of an approximately 2,950-foot, 8-inch DR14 C900 interconnect with ductile iron transitions and restrained fittings.
- Documented pipe, sleeves, tees, valves, restraints, trench work, backfill, compaction, crews, equipment, quantities, safety, and daily progress.

VILLAS AT LAGUNA SECA | California American Water, Monterey County, CA

ROLE Construction Inspector FACILITY Development Water System SCALE 778 LF

- Inspected approximately 778 feet of 8-inch DR14 C900 water main with 2-inch services, fire services, an FDC, hydrants, valves, and fittings.
- Tracked installed pipe and appurtenances, excavation, equipment, crews, site safety, quantities, backfill, compaction, and daily construction progress.

ADDITIONAL PROJECT EXPERIENCE

RANCHO CAÑADA VILLAGE DEVELOPMENT | California American Water, Carmel Valley, CA

ROLE Construction Inspector FACILITY Development Water System SERVICE Potable / Fire

- Inspected 12- and 8-inch DR14 C900 and ductile iron mains, services, hydrants, valves, blowoffs, and storm-drain crossings.
- Verified pipe and fitting placement, restraints, excavation, utility clearances, trench conditions, backfill, crew and equipment activity, and quantities.

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, valves, and air-vacuum facilities.
- Documented pipe and service installation, fittings, trench operations, backfill and compaction, temporary paving, equipment, traffic, housekeeping, and production.

UNDERGROUND PIPELINE & DISTRIBUTION OPERATIONS | Southern California

ROLE Site Foreman / Operator / Pipefitter DELIVERY Field Construction & Operations

- Led crews and operated equipment for underground utility work; laid out, installed, and repaired pipe from plans and specifications.
- Installed 1- to 56-inch wet utilities (DI, DR14 C900, CML&C, copper, HDPE, PVC, ABS, SDR-35, clay), manholes, Silva Cells, and storm drain; excavations to 30 feet; tailgate and preconstruction meetings, potholing and vertical profiles, inspections, pressure tests, and as-builts.
- Performed hot taps, wet bores, traffic control, utility locating, meter and leak work, daily logs, and customer coordination.

CAREER HISTORY

DATES	ORGANIZATION	POSITION | RESPONSIBILITY
2026–Present	H2O Urban Solutions, Inc.	Construction Inspector | Pipelines (primary), tanks, BPS, WTPs; daily DFRs
2026	R&G Grading	Operator / Foreman | Sewer and storm drain
2025–2026	EL-CO Contractors	Foreman / Operator | Wet utilities 1–56 in.
2022–2025	Pro-Craft Construction	Heavy Equipment Operator
2019–2022	EL-CO Contractors	Site Foreman | Crew lead, backhoe, excavator
2019	Perc Water	Distribution Operator | Meters, leaks, vactor
2016–2019	Roland Engineering	Lead Pipefitter / Operator | Hot taps, wet bores
2011–2015	Macky's Automotive	Mechanic | Vehicle repair

ADDITIONAL QUALIFICATIONS

TECHNICAL SYSTEMS & DELIVERY

- Blueprints, standards, pipe layouts, and quantities
- C900 and ductile iron mains, services, and fittings
- Daily reports, photographs, crew and equipment records
- Excavation, backfill, compaction, and paving

SAFETY, QUALITY & FIELD PRACTICE

- OSHA 30, competent person, confined space
- PPE, jobsite safety, and traffic control
- Backhoe, excavator, loader, skid-steer, vactor, forklift, and boom lift
- Utility locating, public interface, and field coordination