Christian Mathews

H2O URBAN SOLUTIONS

CONSTRUCTION MANAGEMENT | INSPECTOR

WATER • RECYCLED WATER • WASTEWATER INFRASTRUCTURE

U.S. AIR FORCE VETERAN

Photo: Christian Mathews, H2Ou Inspector | Strand 3rd St. Main Replacement | California American Water

20+	D3 & T1	70	USAF
YEARS OF EXPERIENCE	SWRCB CERTIFICATIONS	PERSONNEL LED	WAR-TIME VETERAN

Military Service

U.S. AIR FORCE • WAR-TIME VETERAN

U.S. Air Force	U.S. Air Force Reserve	Staff Sergeant	Military Police Officer
1997–2001	2001–2007	RANK	& FIREARMS INSTRUCTOR

War-time veteran who served as a military police officer and firearms instructor in the U.S. Air Force. Activated shortly after 9/11/01.

PROFESSIONAL PROFILE

Mr. Mathews is a highly accomplished Construction Management Inspector and water systems operations leader with more than twenty years of progressive experience in the management, operation, inspection, and optimization of complex water distribution, treatment, pumping, and storage systems. He has successfully overseen multiple large-scale facilities and teams of up to 70 personnel while maintaining exceptional regulatory compliance, achieving zero violations across all audits and reporting requirements, and delivering outstanding customer service to the public.

QUALIFICATIONS AT A GLANCE

EDUCATION & CERTIFICATIONS

- U.S. Air Force Veteran
- SWRCB D3 & T1
- Community College of the Air Force (CCAF)
- Palomar College; Gavilan College
- Conservation Landscaping & Irrigation Audits
- Commercial Water Auditing
- Veolia's Excellence Leadership Program Graduate
- American Water Business Transformation Trainer – SAP Enterprise Asset Management

KEY SYSTEMS & TOOLS

- SCADA systems for real-time monitoring and control
- High-accuracy GPS/GIS data collection (EOS Arrow Gold RTK GNSS receiver)
- CMMS (maintenance management systems)
- Regulatory compliance platforms (sampling, LIMS, reporting)

EXPERTISE

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

CORE WATER & CONSTRUCTION CAPABILITIES

- **Construction Inspection**
- **Water Main Installation**
- **Hydrostatic Testing**
- **Disinfection & Sampling**
- **Tie-Ins & Shutdowns**
- **GPS/GIS Data Collection**
- **Traffic Control & BMPs**
- **Daily Field Reporting**

INSPECTION RESPONSIBILITIES

Performs full-time on-site construction management inspection of water infrastructure for compliance with utility standards, project specifications, regulatory requirements and safety regulations. Oversees trench geometry, bedding, backfill compaction, pipe alignment and grade, jointing, thrust restraint and restoration, and witnesses pressure testing, chlorination, flushing and bacteriological sampling. Maintains red-line as-builts and Daily Field Reports with photos and quantities, coordinating daily with contractor foremen, utility personnel and operations staff.

SELECTED H2OU PROJECT EXPERIENCE

STRAND 3RD STREET MAIN REPLACEMENT | California American Water, Imperial Beach, CA

ROLE H2Ou Inspector FACILITY 16-Inch Water Main Replacement DATES May–Oct 2026

- Inspected replacement of approximately 1,100 feet of 16-inch and 300 feet of 8-inch water main, including 16-inch C900 DR-14 PVC pipe, butterfly valves, restrained fittings and end caps with blow-offs.
- Documented traffic control, shoring, backfill testing, sampling and 16-inch tie-in preparation in 42 DFRs.

SPINNAKER WAY SERVICE & HYDRANT VALVE REPLACEMENT | California American Water, Coronado, CA

ROLE H2Ou Inspector FACILITY Services | Fire Hydrant Valves DATES Feb–May 2026

- Inspected replacement of 30 plastic service lines with new saddles and replacement of seven fire hydrant valves.
- Verified tracer-wire location of plastic services, repair-clamp installation, marking and service flushing.

KENWAY AVENUE WATER MAIN REPLACEMENT | California American Water, Baldwin Hills (Los Angeles), CA

ROLE H2Ou Inspector FACILITY Water Main Replacement SCALE 1,860 LF 8-Inch DIP DATES Oct 2026

- Covered pressure testing, chlorination and paving on 1,860 feet of 8-inch Class 52 DIP, services and five hydrants.
- Flagged a disinfectant without the required NSF certification stamp until approved product was on site; documented an air release valve change order request.

BELLFLOWER PHASE 2, SYSTEM 8 | California American Water, Los Angeles County, CA

ROLE H2Ou Inspector FACILITY Water Main Replacement SCALE 12,000 LF 8-Inch DIP DATES Sep–Oct 2026

- Inspected project start-up on a 12,000-foot, 8-inch Class 52 ductile iron main replacement with 274 one-inch services and 10 fire hydrants.
- Observed potholing and saw cutting, reviewed traffic control and heat safety, and answered residents.

CAREER HISTORY

DATES	ORGANIZATION	POSITION | RESPONSIBILITY
Feb 2026–Present	H2O Urban Solutions, Inc.	Construction Inspector Supervisor | Inspector supervision and QA on water pipelines (primary), tanks, BPS and WTPs; DFR review
Jan 2024–Sep 2025	Veolia North America	Regional Leader & General Manager | 70 personnel; four recycled water plants and Hyperion Pump Station
Apr 2017–Jan 2024	American Water | Vandenberg SFB	Operations Manager | Water and wastewater operations for 14,000 personnel
Sep 2009–Apr 2017	California American Water | Monterey	Operations Supervisor, Field Services & Water Distribution | 18 direct reports; 615 miles of main

ADDITIONAL QUALIFICATIONS

TECHNICAL SYSTEMS & DELIVERY

- SCADA systems for real-time monitoring and control
- CMMS and SAP Enterprise Asset Management
- EOS Arrow Gold RTK GNSS GPS/GIS data collection
- Red-line as-builts and weekly PDF submittals

SAFETY, QUALITY & FIELD PRACTICE

- Hydrostatic testing, chlorination, flushing and sampling
- Trench, bedding, backfill compaction and restoration
- Regulatory compliance reporting with zero violations
- Contractor, owner, operations and public coordination