Mark Duchesne

VICE PRESIDENT | CONSTRUCTION MANAGER

BACKYARD WATER MAINS • METER RETROFITS • INSPECTOR LEADERSHIP • SAFETY

H2O URBAN SOLUTIONS

"With over 50 years in the water industry, I'm as passionate about this field today as the day I started. My word means everything to me. It's the standard I hold myself to and the one I expect of my team. I'd never ask an inspector to do something I wouldn't do myself."

— MARK DUCHESNE



Photo: Gilbert Chavez, H2Ou Inspector | Patton Reservoir Replacement | California American Water

40+	16	STATEWIDE	~30
YEARS WATER EXPERIENCE	YEARS CAW MANAGEMENT	CAW PROGRAM OVERSIGHT	CA INSPECTORS OVERSEEN

PROFESSIONAL PROFILE

Construction Manager and Vice President of Construction Inspection with 40+ years in water infrastructure, including 16 years with California American Water managing inspection for capital projects throughout California

Mark began in hands-on underground construction, installing tens of thousands of feet of water mains and services, then advanced through lead inspection of pipelines, reservoirs and Lincoln Oaks backyard-main replacements. Both during his tenure with California American Water and since joining H2Ou in July 2025, he has coordinated inspectors for California American Water and now additionally at Golden State Water Company, Liberty Utilities and Grizzly Flats CSD. He checks in with our field staff multiple times daily, reviews and approves DFRs before client submission or portal upload, and provides immediate Construction Manager support. Mark is solution-oriented, safety-conscious and accountable, with equal attention to installation details and the broader schedule, budget, service-continuity and client objectives.

QUALIFICATIONS AT A GLANCE

CONSTRUCTION MANAGEMENT

- Statewide capital-program oversight
- Schedule, budget, quality and change control
- Client, PM, contractor and inspector coordination

INSPECTOR LEADERSHIP & DFR QC

- Multiple field check-ins each shift
- Reviews photos, quantities, tests and redlines
- Approves DFRs before client or portal submission

BACKYARD & METER EXPERTISE

- Lincoln Oaks backyard-main lead inspection
- Mains, services, transfers and meter assets
- Resident access, continuity and restoration

CORE WATER & CONSTRUCTION CAPABILITIES

- **Backyard Main Management**
- **Meter Retrofit & Relocation**
- **Construction Management**
- **Inspector Leadership**
- **DFR Review & Approval**
- **Schedule & Cost Control**
- **Safety & QA/QC**
- **Client / Contractor Coordination**

SELECTED RELEVANT EXPERIENCE

LINCOLN OAKS BACKYARD WATER MAIN REPLACEMENTS | California American Water, Citrus Heights, CA

ROLE Lead Construction Inspector **DELIVERY** Occupied Residential Backyard Mains **FIRM** Pbi

- Led inspection of backyard water-main replacements, verifying compliance with plans, specifications and quality requirements throughout sensitive residential construction.
- Focused field oversight on private-property access, existing utilities and services, contractor sequencing, testing, service continuity, safety and complete restoration.

MULTI-CLIENT CONSTRUCTION INSPECTION MANAGEMENT | H2O Urban Solutions, California

ROLE Construction Manager / Vp DELIVERY Inspector Support & QA/QC TENURE July 2025–Present

- Coordinates inspection staff supporting California American Water, Golden State Water Company, Liberty Utilities and Grizzly Flats CSD; aligns inspectors, clients, project managers and contractors.
- Checks in multiple times each shift, resolves field issues in real time, and reviews and approves DFRs, photos, quantities, testing, redlines, traffic control and BMP records before delivery.

REPRESENTATIVE WATER PROGRAM EXPERIENCE

STATEWIDE CAPITAL CONSTRUCTION PROGRAM | California American Water

ROLE Construction Inspector Manager DELIVERY Program Oversight TENURE 2009–2025

- Managed inspection for California American Water capital projects throughout the state outside Monterey, serving as a trusted point of contact for engineering, construction and operations teams.
- Held contractors and inspectors accountable to plans, specifications, AWWA requirements, safety, quality, schedule and customer-service expectations while driving practical issue resolution.

RESIDENTIAL MAIN, SERVICE & METER PROGRAMS | California American Water / H2Ou

ROLE Construction Manager / Inspection Manager DELIVERY Mains / Services / Meters FOCUS Active Customers

- Brings direct inspection knowledge of trenching, pipe installation, service transfers, valves, hydrants, restraint, pressure testing, disinfection, flushing and bacteriological clearance.
- Supports inspectors addressing property access, differing service and meter configurations, utility conflicts, cutovers, asset records, restoration and customer impacts without losing schedule or cost control.

UNDERGROUND WATER MAIN & SERVICE CONSTRUCTION | Various California Contractors

ROLE Pipe Foreman / Crew Lead / Installer DELIVERY Hands-On Underground Construction MULTIPLE X 10,000's of LF of Pipe

- Installed tens of thousands of feet of water mains and services in active streets and neighborhoods using PVC, ductile iron and other water-pipeline materials.
- Led crews, equipment and daily production; enforced safety and traffic control; and developed practical expertise in constructability, utility conflicts and restoration that informs his CM decisions.

CAREER HISTORY

DATES	ORGANIZATION	POSITION | RESPONSIBILITY
2025–Present	H2O Urban Solutions, Inc.	Vice President of Construction Inspection | Owner | Construction Manager | Multi-client inspector leadership, QA/QC and field issue resolution
2009–2025	California American Water	Construction Inspector Manager | statewide capital-project inspection oversight outside Monterey
2000–2009	Peterson Brustad Inc. / Psomas	Lead Construction Inspector | Lincoln Oaks backyard mains, reservoirs and major pipeline construction
Prior To 2000	Underground Utility Contractors	Pipe Foreman / Crew Lead / Installer | water mains, services, equipment, safety and production

ADDITIONAL QUALIFICATIONS

CONTROLS, REPORTING & CLOSEOUT

- DFRs, photos, quantities, tests and red-line as-builts
- Submittals, RFIs, hold points and closeout records
- GPS/GIS asset data for mains, valves, hydrants and meters
- Plans, specifications, AWWA and agency requirements

SAFETY, LEADERSHIP & RECOGNITION

- Client safety protocols, traffic control and BMPs
- Inspector accountability, training and overtime control
- 2022 CAW Northern Division Advocate of the Year
- Citrus College; APWA; Construction Inspectors Association