Michael (Mike) Mann

SUPERVISING CONSTRUCTION INSPECTOR

WATER MAINS • TANKS • PUMP STATIONS • HEAVY CIVIL

H2O URBAN SOLUTIONS



Photo: Michael Mann, H2Ou Inspector | September Ranch Bolted Steel Tank | California American Water

30+	10+	Water	Inspection
YEARS OF EXPERIENCE	YEARS WITH H2OU	UTILITY SPECIALTY	DELIVERY FOCUS

PROFESSIONAL PROFILE

Supervisor construction inspector with 30+ years of underground utility experience and more than 10 years with H2O Urban Solutions as a field engineer and inspector. Provides practical oversight of water mains, services, hydrants, tanks, pump stations, wells, treatment facilities, shutdowns, temporary systems, and emergency work. Known for thorough documentation, constructability problem-solving, public coordination, and protecting water quality and continuity of service.

QUALIFICATIONS AT A GLANCE

FIELD QUALIFICATIONS

- Supervisor water construction inspection
- Plan review, takeoffs, and as-builts
- Shutdown and sampling coordination

CONSTRUCTION BACKGROUND

- Underground pipefitter and foreman
- Field engineering and estimating
- Public right-of-way construction

WATER INDUSTRY FOCUS

- Distribution mains and services
- Tanks, wells, and pump stations
- Inspection, QA, and documentation

INSPECTION RESPONSIBILITIES

Reviews plans, specifications, materials, and field conditions; verifies pipe, fittings, structures, temporary facilities, shutdowns, disinfection, sampling, backfill, and restoration; coordinates contractors, operations staff, agencies, businesses, and the public; and maintains detailed daily reports, quantities, photographs, as-builts, and issue records.

SELECTED PROJECT EXPERIENCE

FOREST LAKE TANK NO. 1 REHABILITATION | California American Water, PEbble Beach, CA

ROLE Supervisor Construction Inspector FACILITY Water Storage Tank DELIVERY Construction Inspection

- Inspected tank rehabilitation work, including a temporary 6-inch HDPE highline, tank draining, and below-grade 30-inch ductile iron piping.
- Observed residual monitoring, pipe wrapping, backfill and compaction, temporary piping, site access, and contractor labor, equipment, and progress.

BIRP BACKWASH SYSTEM IMPROVEMENTS | California American Water, Monterey County, CA

ROLE Supervisor Construction Inspector FACILITY Water Treatment / Backwash DELIVERY Inspection

- Provided field oversight for backwash waste pond work and associated system improvements at the water treatment facility.
- Observed pond draining, sludge removal by vacuum trucks and skid-steer, off-haul, washdown, site access, housekeeping, and daily production.

ADDITIONAL PROJECT EXPERIENCE

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

ROLE Supervisor Construction Inspector FACILITY Distribution Interconnect SCALE 2,950 LF

- Inspected an approximately 2,950-foot, 8-inch DR14 C900 interconnect with ductile iron transitions, valves, tees, restraints, and appurtenances.

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

ROLE Supervisor Construction Inspector FACILITY Development Water System SERVICE Potable / Fire

- Inspected 12- and 8-inch DR14 C900 and ductile iron water mains serving a major residential development.

ENCINA DRIVE + CALLE DE LA VENTANA MAIN REPLACEMENT | California American Water, Carmel Valley, CA

ROLE Supervisor Construction Inspector FACILITY Water Main Replacement PIPE 8-Inch DR14 C900

- Inspected replacement of approximately 1,400 feet of 8-inch DR14 C900 water main with hydrants, services, valves, tees, elbows, and restraints.

SEPTEMBER RANCH DEVELOPMENT | California American Water, Monterey County, CA

ROLE Supervisor Construction Inspector FACILITY Tank / Wells / Distribution SERVICE Potable Water

- Inspected a development water system including tank and well work and 12-, 8-, 6-, and 4-inch DR14 C900 distribution piping.

BEGONIA WELL NO. 3 EQUIPPING | California American Water, Monterey County, CA

ROLE Supervisor Construction Inspector FACILITY Potable Water Well DELIVERY Construction Inspection

- Inspected well pedestal and equipment-pad construction, reinforcing steel, casing and sounding tubes, concrete, and electrical conduit installation.

BAYONET WELLS 1 & 2 PIPELINE EXTENSIONS | California American Water, Seaside, CA

ROLE Supervisor Construction Inspector FACILITY Raw Water / Pump-To-Waste Pipelines PIPE 12- / 16-Inch DIP

- Inspected 12- and 16-inch ductile iron raw-water and pump-to-waste pipeline extensions connecting the extraction wells to the treatment system.

SCENIC DRIVE BRIDGE-CROSSING MAIN REHABILITATION | California American Water, PEbble Beach, CA

ROLE Supervisor Construction Inspector FACILITY Bridge-Crossing Water Main PIPE 8-Inch C900 / Steel

- Inspected utility potholing and tie-ins for an 8-inch bridge-crossing main rehabilitation using C900, restrained fittings, offsets, and couplings.

LUZERN GAC FILTER UPGRADES | California American Water, Monterey County, CA

ROLE Supervisor Construction Inspector FACILITY Water Treatment / GAC DELIVERY Construction Inspection

- Inspected temporary treated- and raw-water lines, sampling, vault and piping demolition, excavation benching, thrust-block removal, and backfill.

CANNERY ROW WATER SYSTEM REPLACEMENT | California American Water, Monterey, CA

ROLE Supervisor Construction Inspector FACILITY Commercial Water System SCALE 1,700+ LF

- Inspected more than 1,700 feet of main, 43 commercial services from 1 to 6 inches, meter and backflow work, fire services, and five hydrants.

CARMEL WOODS BOOSTER PUMP STATION IMPROVEMENTS | California American Water, Carmel, CA

ROLE Supervisor Construction Inspector FACILITY Booster Pump Station DELIVERY Construction Inspection

- Inspected retaining-wall pier excavation, structural support work, booster-station pad preparation, drainage piping, and associated civil improvements.

RYAN RANCH WATER TREATMENT PLANT ABANDONMENT | California American Water, Monterey, CA

ROLE Supervisor Construction Inspector FACILITY Water Treatment Plant DELIVERY Demolition / Abandonment

- Inspected demolition and removal of filter tanks, treatment piping, concrete, and site utilities, including salvage of designated equipment and structures.

DOLORES STREET COMMERCIAL WATER MAIN REPLACEMENT | California American Water, Carmel, CA

ROLE Supervisor Construction Inspector FACILITY Commercial Water Main PIPE 8-Inch DR14 C900

- Inspected potholing and installation of 8-inch DR14 C900 water main, valves, tees, service saddles, corporation stops, and commercial fire-service connections.

CAREER HISTORY

DATES	ORGANIZATION	POSITION | RESPONSIBILITY
2016–Present	H2O Urban Solutions, Inc.	Supervisor Construction Inspector | Inspector supervision and QA on water pipelines (primary), tanks, BPS and WTPs; DFR review
2016	H2O Urban Solutions, Inc.	Field Engineer | Water services, repairs, tie-ins, hydrants, tank improvements, takeoffs, and field coordination
1995–2014	Underground Utility Construction	Foreman / Pipefitter | Water main and service installation, tie-ins, offsets, emergency repairs, vendors, and crews