Kyle Flora

H2O URBAN SOLUTIONS

CONSTRUCTION INSPECTOR

UNDERGROUND UTILITIES & WATER SYSTEMS SPECIALIST



Photo: Kyle Flora, H2Ou Inspector | Deer Valley BPS Upgrade | California American Water

D2 & D1
WATER DISTRIBUTION OPERATOR

May 2023
H2OU START

7,000+
WATER METER REPLACEMENTS

Bilingual
FLUENT IN SPANISH | MSHA

PROFESSIONAL PROFILE

Mr. Flora is a dedicated, bilingual (fluent in Spanish), and safety-focused Construction Inspector with hands-on experience in booster pump station construction and upgrades, water main replacements, domestic and irrigation service installations, water meter installations, and underground utility projects. His background in heavy equipment operation (MSHA certified), electrical work, and construction labor, combined with SWRCB D2 Water Distribution Operator Certification, provides him with practical knowledge of construction means and methods, trench safety, equipment operations, blueprint interpretation, and field constructability. Kyle excels in daily field oversight, quality control, regulatory compliance, documentation, and proactive coordination with contractors and agency personnel to protect project schedules, budgets, public safety, and long-term system reliability.

QUALIFICATIONS AT A GLANCE

EDUCATION

- Deep Creek Construction School | Graduated as Heavy Equipment Operating Engineer with MSHA certification, April 5, 2008
- Palomar College | Business Major, 55 credits, 3.5 GPA

CERTIFICATIONS & LANGUAGES

- D2 Water Distribution Operator Certification, March 2024
- D1 Water Distribution Operator Certification, May 2019
- Fluent in Spanish | English

EXPERTISE

- Booster Pump Station Construction
- Construction Management & Inspection
- Quality Control
- Water Main & Meter Replacements

CORE WATER & CONSTRUCTION CAPABILITIES

- **Booster Pump Station Construction**
- **Water Main Replacements**
- **Service Transfers**
- **Water Meter Installations**
- **Hydrants & Valves**
- **Hydrostatic Testing**
- **Chlorination & Sampling**
- **Trench Safety**
- **Daily Inspection Reports**

INSPECTION RESPONSIBILITIES

Performs full-time on-site inspection of booster pump station construction, water main replacements, service transfers, water meters, hydrants, valves, and appurtenances to ensure full compliance with project specifications, utility/agency standards, and safety regulations. Conducts daily field oversight including concrete reinforcement and placement, suction and discharge piping, pump cans and submersible pumps, standby generators, electrical conduit/panels/wiring, trench geometry, bedding, backfill compaction, pipe alignment/grade, thrust restraint, tie-ins, and surface restoration. Witnesses hydrostatic pressure testing, oversees chlorination, flushing, and bacteriological sampling/clearance, and maintains accurate Daily Field Inspection Reports (DFRs) in real time.

SELECTED H2OU PROJECT EXPERIENCE

DEER VALLEY BOOSTER PUMP STATION UPGRADE | California American Water, Thousand Oaks, CA

ROLE Construction Inspector PROJECT I15-510059-02 DATES March 2026 | Present

- Concrete reinforcement and placement for retaining wall and slab.
- Standby generator installation.
- Electrical conduit, panels, and wiring installation.

AMERICAN OAKS BOOSTER PUMP STATION UPGRADE | California American Water, Thousand Oaks, CA

ROLE Construction Inspector PROJECT I15-510056-02 DATES March 2026 | Present

- Tie-in to existing suction line.
- Excavation and installation of suction piping, pump cans, submersible pumps, and discharge piping.
- Concrete reinforcement and placement for pump can encasements, pump station slab, and electrical equipment slab.
- Electrical conduit, panels, and wiring installation.

KEY WATER MAIN, SERVICE & METER PROJECTS INSPECTED | H2O Urban Solutions, Statewide, CA

ROLE Construction Inspector Supervisor DATES May 2023 | Present

- 10″ domestic / 2″ irrigation new services installation in Thousand Oaks, CA (completed August 2026 | Developer Project)
- 2,700 lineal feet of 8″/6″ PVC water main replacement in Pacific Grove, CA (completed November 2025)
- 6,200 lineal feet of 8″/6″ ductile iron water main replacement in San Gabriel, CA (completed July 2025)
- 1,000 lineal feet of 8″ ductile iron water main replacement in Temple City, CA (completed August 2024)
- 1,800 feet of 8″ ductile iron water main replacement in Duarte/Monrovia, CA (completed June 2024)
- 3,200 lineal feet of 8″ PVC water main replacement in Rancho Cordova, CA (February through April 2024)
- 7,000 5/8″ water meter replacements in Sacramento, CA (completed January 2024)

OTHER CONSTRUCTION EXPERIENCE

VARIOUS CONSTRUCTION COMPANIES | CA

DATES 2007 | 2023

- Stan Bunn Construction | Construction Laborer/Apprentice
- Mr. Electric | Electrical Apprentice
- Sierra Pacific West, Inc. | Construction Laborer/Apprentice
- Blair Rasmussen Construction, Inc. | Construction Laborer/Apprentice

CAREER HISTORY

DATES	ORGANIZATION	POSITION | RESPONSIBILITY
May 2023–Present	H2O Urban Solutions, Statewide, CA	Construction Inspector Supervisor | Full-time inspection and QA on water pipelines, booster pump stations, developer services, and meter programs; DFR review
2007–2023	Various Construction Companies, CA	Construction Laborer/Apprentice | Electrical Apprentice

ADDITIONAL QUALIFICATIONS

TOOLS, SOFTWARE & LANGUAGES

- GoFormz | ArcGIS Field Maps | EOS Tools Pro | Microsoft 365
- Languages: Fluent in Spanish & English

FIELD PRACTICE

- Leverage construction, electrical, and heavy equipment background to anticipate conflicts
- Identify issues immediately and recommend effective corrective actions
- Support safe, efficient construction that minimizes rework
- Protect schedule, quality, and public safety