

RÉSUMÉ

Michael J. (Mike) Macdonald

FloSafe Consulting LLC

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 **www.flosafe.pro** | LinkedIn Profile **[FloSafe Consulting LLC](#)**

Cross-Connection Control (CCC) Specialist

AI Data Centers | Hospitals | High-Rise | Public Water Systems

Certified CCC Specialist providing design review and regulatory compliance consulting for complex facilities.

Works with private design teams and public water systems to ensure compliance with:

- **California Title 22**
- **CCCPH (Cross-Connection Control for Public Water Systems)**
- **California Plumbing Code**
- **AWWA Cross-Connection Standards**
- **ASHRAE 188 (Legionella Risk Management)**

Serves as the technical bridge between engineering design professionals and water system regulators to reduce risk, prevent contamination, and support permit approval.

Core Services

Design Review Services

- **AI Data Centers**
- **Hospitals & Healthcare Facilities**
- **High-Rise Buildings**
- **Industrial & Campus Projects**

Cross-Connection Control Services

- **CCC Hazard Assessments**
- **Backflow Prevention Requirements**
- **Air Gap Design Review**
- **Cooling Tower Compliance**
- **Legionella Risk Mitigation**

Public Water System Support (CCCPH)

- **CCCPH Implementation**
- **Program Development**
- **Regulatory Compliance**
- **Water Purveyor Coordination**

Specialized Consulting

- **Incident Investigation**
 - **Expert Witness Services**
 - **Permit Review Support**
 - **Continuing Compliance Services**
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Professional Experience

Independent Consultant

FloSafe Consulting LLC | 2001–Present

Selected Experience:

- **Hospital water contamination investigation (Methemoglobinemia)**
- **Military installation CCC Hazard Assessment**
- **36-hole golf complex recycled water cross-connection shut-down testing**
- **Design review and regulatory consulting for public and private clients**

Public Health Official

Sacramento Metro Area | 1987–2001

- **Designed CCC programs for 15 major water utilities**
- **Drafted cross-connection control ordinances**
- **Certified backflow testers**
- **Developed CCC database systems**
- **Coordinated regulatory compliance**

Professional Credentials

Certified Cross-Connection Control Specialist — AWWA CA/NV #00044

Certified Water Distribution Operator, Grade D1 — CA #30237

Registered Environmental Health Specialist — CA #3997 (Inactive)

Registered Dairy Inspector — CA #206 (Inactive)

Veteran-Owned Business

DUNS #132490165

Service Area

California & Nevada

Remote | Contract | On-Call