**RÉSUMÉ**

**Michael J. Macdonald**

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**Employment Objective**

**Industrial Hygiene Consultant *(Contract | Remote | On-Call)***

**Services Offered**

* **Cross-Connection Control Hazard Assessments: Ensure potable water distribution systems are safeguarded against contamination from backflow or improper plumbing connections.**
* **Program Development: Design comprehensive Cross-Connection Control programs for public water systems and private entities.**
* **Incident Investigation & Expert Witness: Investigate Cross-Connection Control aspects of contamination incidents, including Legionella outbreaks, and provide expert testimony in litigation.**

**Professional Experience**

* **Independent Consultant (2001–Present): Retained by industrial, commercial, and municipal clients.**
* **Drinking Water Incident Resolution: Investigated and resolved a hospital water contamination case involving methemoglobinemia.**
* **Military Assessment: Conducted a CCC Hazard Assessment for a large military installation.**
* **Recycled Water Testing: Led a Cross-Connection Shut-Down test for a 36-hole golf complex.**
* **Public Health Official (1987–2001): Designed and implemented a Cross-Connection Control Program for 15 major water utilities in the Sacramento Metro Area. Responsibilities included drafting a local ordinance, certifying testers, and managing a database system.**

**Professional Qualifications**

* **Certified Cross-Connection Control Specialist – AWWA CA/NV Certificate #44**
* **Certified Water Distribution Operator, Grade D1 – CA Certificate #30237**
* **Veteran-Owned Business**
* **Registered Dairy Inspector – CA 206 *(Retired)***
* **Registered Environmental Health Specialist/Sanitarian – CA 3997 *(Retired)***
* **DUNS #132490165**