

**TARO MURANO  
RESUME**

**PROFESSIONAL EXPERIENCE**

SENIOR ENVIRONMENTAL SCIENTIST (June 2012 to present)

**State Water Resources Control Board, Division of Water Rights, North Coast Enforcement Unit**

Provide direction and management to technical staff of the Division of Water Rights, North Coast Enforcement Unit tasked with investigating and enforcing Division policies, California Code of Regulations, and the California Water Code. Responsible for special investigations focused on the protection of public trust resources and waste and unreasonable use of water and unauthorized diversions of water used for marijuana cultivation activities throughout the state. Additional investigative responsibilities include evaluating the compliance with water right permits and license terms and conditions. Routinely prioritize and assign investigative caseloads. Effectively manage and direct multi-agency (Federal, State, and Local) watershed investigations to determine quantifiable and/or biological impacts to public trust resources. Responsible for the technical review of written investigative reports and enforcement documents. Administrative responsibilities include: managing and tracking fiscal year performance measures, drought staff resource management, management of contract services budget and contract tasking assignments, drafting and review budget change proposals, legislative analysis, staff individual development plan review, Division liaison for local and state agencies and conducting Division outreach, education and training.

ENVIRONMENTAL SCIENTIST (September 2007 – June 2012)

**State Water Resources Control Board, Office of Enforcement, Underground Storage Tank Enforcement Unit**

Responsible for conducting statewide underground storage tank (UST) investigations and investigations against UST service technicians. I have successfully coordinated and lead multi-agency unlicensed tank tester case investigation, referred criminal case for local prosecution against an UST service technician, was lead investigator in the successful case against one of the largest independent refining and marketing companies in the Western United States. I was responsible for the following duties: conduct statewide UST investigations for criminal or civil statutory and/or regulatory violations, facilitate the investigative planning, strategy, and organization among multiple state and local agencies, perform UST facility inspections to establish compliance, conduct interviews with agency personal or responsible party, collection and preservation of evidence, the preparation of investigation documents and inspection reports, preparation of case referrals to the Attorney General's office or other prosecutorial entities, provide technical advice to prosecution team, and developed and maintained UST and Tank Tester Database used in all UST case investigations.

ENVIRONMENTAL SCIENTIST (January 2005 – September 2007)

**Central Valley Regional Water Quality Control Board, Region 5, Irrigated Land Waiver Program, Enforcement and Compliance Unit**

Responsible for the development and implementation of the Central Valley Regional Water Quality Control Board's (Regional Water Board) Irrigated Lands Waiver Program (Waiver Program). Investigated the compliance of over 40 thousand commercial agricultural growers and/or operators and approximately 7.2 million commercial agricultural acres within the Regional Water Board's regional boundaries. Developed a comprehensive data source used to compile a list of those that were required to enroll with the Waiver Program. Assisted in the facilitation of information from multiple local agencies. Routinely led meetings with third party stakeholders to communicate Waiver Program requirements and program enrollment criteria. Prioritized, individually plan, coordinate and execute investigations based on the threat of chemical laden discharges, agricultural operations assessments, implementation of best management practices, and the frequency of irrigation practices. Conducted interviews with local agency personal or facility owner and/or operators, issued formal enforcement Orders to dischargers not in compliance, preparation of Administrative Civil Liability Complaints, knowledge and ability to use Geographic Information System and county resource information to evaluate regional areas of non-compliance, performed analytical review of Coalition Group monitoring data submittal, reviewed and evaluated Quality Assurance Program Plans, management of agriculture water quality grant funds, developed and managed database tracking system for discharger information, property characteristics, conducted field inspections, developed Unit specific job-aides for work performed, speaker at stakeholder workshops and outreach events, managed and directed workload of student assistance.

Annual Contract State Employee (March 2003 – January 2005)

**UC Davis (UCD) Center for Ecological Health Research**

Assisted the CVRWQCB Mercury Total Maximum Daily Load (TMDL) Unit in their efforts to understand and develop criteria for methyl mercury concentrations that pose ecological health concerns to both human and fish in the Sacramento-San Joaquin Delta estuary, assisted staff in organizing and developing a monitoring strategy for the Sacramento-San Joaquin Delta estuary, performed routine data analysis, conducted monthly field monitoring throughout the Sacramento-San Joaquin watersheds, assisted staff in methyl mercury TMDL load calculations used in staff recommended load reductions in the Sacramento-San Joaquin Delta estuary, performed interpretation of constituents used in mass budget assessment, coordinated the shipping of samples to independent labs for analysis, managed cost analysis for monitoring program.

**EDUCTAION**

Philosophy of Law, Fall 2010

California State University of Sacramento, Sacramento, CA

15 units of Administration of Justice coursework, June 2009 – May 2010

Sacramento City College, Sacramento, CA

BA in Environmental Studies, Minor in Biological Sciences, 2002  
California State University of Sacramento, Sacramento, CA

**TRAINING**

- 40 hours of Supervisor Training, July 2012
- EPA's Advanced Environmental Crimes Training, November 2008
- Basic Inspector Academy, July 2008
- 24 Hour Hazardous Waste Operations, October 2007
- Introduction to Environmental Enforcement, April 2007
- Search and Seizure Training, July 2006
- Basic Interviewing for Regulators, April 2005
- Annual Environmental Cross Media Enforcement Symposium, May 2005, June 2008

**ENFORCEMENT AFFILIATIONS**

California Hazardous Materials Investigators Association