



Classification: Water Resource Control Engineer
 Position Number: 880-260-3846-017

DUTY STATEMENT

CURRENT PROPOSED

RPA Number: 25-260-060	Classification Title: Water Resource Control Engineer	Position Number: 880-260-3846-017
Incumbent Name: Vacant	Working Title: Water Resource Control Engineer	Effective Date: TBD
Tenure: Permanent	Time Base: Full Time	CBID: R09
Division/Office: Office of Enforcement		Section/Unit: Cannabis and Strategic Enforcement Section / Cannabis Enforcement Unit
Supervisor's Name: Jordan Zakaria		Supervisor's Classification: Senior Environmental Scientist (Supervisory)

Human Resources Use Only:	
HR Analyst Approval:	Date:

General Statement
Under the close supervision of the Senior Environmental Scientist (Supervisory) and consistent with good customer service practices and the goals of the State and Regional Board's Strategic Plan, the incumbent is expected to be courteous and provide timely responses to internal/external customers, follow through on commitments, and to solicit and consider internal/external customer input when completing work assignments.
Position Description
The Water Resources Control Engineer (WRCE) in the Cannabis Enforcement Unit is a journey level position responsible for conducting inspections and investigations at suspected cannabis cultivation sites statewide. The WRCE evaluates compliance with statewide regulations and facilitates enforcement actions pursuant to the California Water Code and the Cannabis Cultivation General Order. In this role, the WRCE uses a variety of investigative techniques and research tools including Geographic Information Systems (GIS)/ArcGIS Online (AGOL), LightBox, Survey 123, Field Maps, Google Earth, and the California Integrated Water Quality System (CIWQS) to produce formal and informal actions.



Essential Functions (Including percentage of time):	
40%	<p>Conduct field investigations jointly with local, state, and federal staff and law enforcement officials at suspected cannabis cultivation sites where chemicals, including fertilizers, nutrients, toxic substances, and/or hazardous materials/wastes are being used, stored, or discharged. Investigate/inspect suspected cannabis cultivation sites to assess actual or threatened discharges of sediment, waste, or other deleterious materials that could affect the quality of water of the state. Document observations related to impacts or threatened impacts to water resources including characterization and assessment of site conditions. Identify, document, and assess unstable features on site including surface erosion, adequacy of design, construction, and maintenance of site features. Document and assess best management practices of cannabis cultivation related infrastructure and site features including ponds, culverts, or other constructed stream crossings. Calculate flow rates in receiving waters and flow rates of legal and illegal diversions. Develop and/or identify site-specific measures to minimize operational impacts to water quality and prepare site specific recommendations for site rehabilitation. Make appropriate recommendations for abatement and/or prevention of actual and/or threatened discharges to waters of the state. Provide technical review of site assessments and remedial actions, both proposed and completed, and disseminate information on new and alternative remedial technologies. Develop sampling and testing procedures, assess laboratory analysis requirements, and interpret test results.</p>
35%	<p>Coordinate with state and local agencies, including Regional Water Quality Control Boards, California Department of Fish & Wildlife, Department of Cannabis Control, County Health Departments, County Sheriff's offices, and other partnering agencies, in the development of both formal and informal enforcement actions. Utilize investigative tools and platforms, including GIS, Field Maps, Survey 123, Lightbox, and CIWQS to facilitate informal and formal enforcement efforts. Work collaboratively with state and local agencies to identify inspection targets, develop preliminary inspection plans, and coordinate responses for efficient use of regulatory and enforcement resources. Provide expert water resource control engineering testimony for Water Board enforcement hearings or in court proceedings. Attend state and local enforcement task force meetings and tactical/strategy meetings. Provide outstanding customer service to internal and external customers leading up to, during, and following completion of inspection and/or enforcement related duties. Provide outreach, education, and/or training to partnering agencies, members of law enforcement, the regulated community, and/or other external stakeholders.</p>
20%	<p>Conduct and participate in enrollment and/or enforcement activities, including review of aerial imagery and GIS data to identify private properties with evidence of development or use for cannabis cultivation; compare imagery and GIS information with enrollment records and identify owners of properties not enrolled for coverage under the order. Generate enrollment enforcement letters, including regulatory program notification letters and informal enforcement orders; field and track responses to enrollment enforcement mailing and identify parties requiring referral to the enforcement unit for formal enforcement. Prepare</p>



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	informal and formal enforcement actions and referrals to other agencies based on violations identified during inspections.
Marginal Functions (Including percentage of time):	
5%	Perform other duties as required.
Typical Physical Conditions/Demands:	
<p>This job requires the ability to utilize a personal computer and various field equipment, including, but not limited to: a handheld radio, a handheld Global Positioning System (GPS) device, a digital camera, an iPad, and notebook/clipboard while conducting outdoor regulatory inspections. This position will frequently require the incumbent to traverse uneven and rugged terrain physically and by vehicle in a variety of weather conditions including rain, wind, snow, fog, high temperatures, and/or low temperatures. Incumbent must have the ability to conduct extended, multi-hour, multi-day, outdoor inspections and be capable of lifting 25 pounds.</p>	
Typical Working Conditions:	
<p>During the off-season, the incumbent will work on the 23rd floor of a high-rise office building in downtown Sacramento, in an enclosed, non-windowed office cubicle in a smoke-free environment. During the active-cultivation season, the incumbent will work both in-office and outdoors while conducting inspections at suspected cannabis cultivation sites. Outdoor inspections conducted throughout the state may subject the incumbent to a wide variety of weather conditions. The work schedule is Monday through Friday. Mandatory overtime, including evening and weekend work, may be necessary while conducting inspections. Travel is required locally and within the state.</p>	

Supervisor Statement		
I certify this duty statement represents an accurate description of the essential functions of this position. I have discussed the duties of this position with the employee and provided the employee a copy of this duty statement.		
Supervisor Name	Supervisor Signature	Date
Jordan Zakaria		
Employee Statement		
Employee Name	Employee Signature	Date