



Classification: Environmental Scientist
 Position Number: 880-260-0762-020; 880-260-0762-021; 880-260-0762-019

DUTY STATEMENT

CURRENT PROPOSED

RPA Number: 24-260-033 24-260-034 24-260-062	Classification Title: Environmental Scientist	Position Number: 880-260-0762-020 880-260-0762-021 880-260-0762-019
Incumbent Name: Vacant	Working Title: Environmental Scientist	Effective Date: October 2024
Tenure: Permanent	Time Base: Full Time	CBID: R10
Division/Office: Office of Enforcement		Section/Unit: 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 Environmental Scientist (ES) in the Cannabis Enforcement Unit is a journey level position responsible for using scientific knowledge and expertise to conduct inspections and investigations at suspected cannabis cultivation sites statewide. The ES 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 ES uses a variety of investigative techniques and research tools including Geographic Information System (GIS), LandVision, Google Maps, and the California Integrated Water Quality System (CIWQS) to produce formal and informal actions.
Essential Functions (Including percentage of time):



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35%	<p>Using scientific methods and principles, conduct regulatory inspections and assist with the inspection and enforcement of California Water Code at cannabis cultivation sites statewide. Participate in multi-agency inspections to assess threats to water quality related to cannabis cultivation activities. Conduct field investigations jointly with local, state, or federal agency staff and law enforcement officials at sites where wastes, including toxic or hazardous materials and waste, are discharged, threatened, or stored. Document issues of concern and Water Code violations related to threats to water resources, including surface and ground waters. Document observations related to impacts or threatened impacts to water resources and biological receptors associated with onsite development, activities, and conditions related to cannabis cultivation activities. Make appropriate recommendations for abatement and/or prevention of discharges and/or threatened discharges of waste in coordination the state and local partners.</p>
30%	<p>Using scientific knowledge and expertise, 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 and management of both formal and informal enforcement actions. 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. Act as a subject matter expert on environmental and scientific matters for Water Board enforcement hearings or in court proceedings regarding the environmental impact of cannabis cultivation at specified sites, including the threats to water quality and/or economic benefit. 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 on scientific matters.</p>
20%	<p>Using scientific methods and principles, conduct and participate in enrollment enforcement/verification activities, including review of aerial imagery, GIS data, and environmental and scientific 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 informal and formal enforcement actions and referrals to other agencies based on violations identified during inspections.</p>
<p>Marginal Functions (Including percentage of time):</p>	



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10%	Provide scientific assistance to those in the regulated community, California Department of Fish and Wildlife and other state and local agencies with respect to outreach and education regarding proper site management and use of BMPs to minimize threats to water quality and supply through the use of scientific methods and principles. Present results to State and Regional Water Boards, Executive Staff and Water Board staff and stakeholder groups.
5%	Perform other duties as required.

Typical Physical Conditions/Demands:

This job requires the incumbent to utilize a personal computer and various field equipment, including: a handheld radio, a handheld GPS device, a digital camera, and notebook/clipboard while conducting outdoor regulatory inspections. This position will frequently require the incumbent to navigate uneven, rugged terrain for extended periods of time, including hiking and climbing, in extreme temperatures and a variety of weather conditions, including rain, wind, snow, and fog, throughout the workday, standing/sitting for long periods of time. The position requires the incumbent to conduct extended, multi-hour, multi-day, outdoor inspections and lift 25 pounds.

Typical Working Conditions:

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 variety of weather conditions, including warm weather, cold weather, rainy, windy, snowy, and/or foggy 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. This position is currently hybrid-work eligible.

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 Name	Employee Signature	Date