

Classification Senior Environmental Scientist (Specialist)	Position Number 814-203-0765-203	Location Santa Ana (Southern Regional Office)
Division/Branch Enforcement Regional Offices Branch	Supervisor's Classification Environmental Program Manager I (Supervisory)	Collective Bargaining Identification Designation (CBID) R10
Conflict of Interest Disclosure: ☒ Yes ☐ No	Incumbent (If filled) VACANT	

☒ **Job requires driving automobile:** In this position, the incumbent may, as needed, drive a state vehicle for work purposes.
(Employee must complete DPR-034, Request for Driver Record Information).

SUPERVISORY RESPONSIBILITIES
(Check One) ☐ Managerial ☐ Supervisory ☒ Lead Person ☐ None

Direct Supervision Exercised:		Indirect Supervision Exercised:	
No. of Employees	Classification Title	No. of Employees	Classification Title

I have read and discussed these duties with my supervisor.

Employee Signature	Date
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I certify that the DPR-217 accurately represents the duties and responsibilities of the position.

Supervisor Signature	Date
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Description of Duties (*Attach additional sheets, if necessary, and identify position information*)

Summarize the regularly assigned duties of the position by percentage in descending order. Do not combine distinct activities into a single percentage. Descriptive information should reflect variety and complexity of duties through: supervision exercised and/or received; responsibility for decision making and consequence of error; analytical requirements; special knowledge; skills or abilities required; level, type and frequency of public contact; and unusual working conditions (i.e., field work, bilingual services, etc.); and physical requirements (physical demands, environmental demands).

Percent of Time	Activity
35%	Under the general direction of the Environmental Program Manager I (Supervisory), the Senior Environmental Scientist (Specialist) at the advanced journey level, performs professional scientific analyses and fieldwork assuring the legal use of pesticides, especially focusing on the fumigants. The incumbent independently applies scientific methods and principles to identify, research, analyze, and develop science-based solutions to assure compliance with complex pesticide regulations, writes scientific and technical reports, and performs a broad range of scientific, technical and professional duties related to the implementation of complex pesticide programs, particularly those addressing fumigant use. The incumbent independently performs a variety of scientific evaluations and assessments to ensure that pesticide use mitigation measures are protective of human health, the environment, non-target vegetation, food safety, surface/ground water, wildlife, and air quality and are practical, and effective. The incumbent will focus on specific areas of expertise, currently fumigants, from a broad scope of enforcement programs and activities. <u>ESSENTIAL FUNCTIONS:</u> Develops guidance materials for training and acts as a lead to State and County Agricultural Commissioner (CAC) personnel on topics related to fumigants and the protection of the public, workers' health, and ecological resources; makes regulatory interpretations and provides oversight of the California Environmental Quality Act equivalency in issuing permits for the purchase and use of restricted pesticides; oversees county enforcement of the State Implementation Plan to reduce the release of volatile organic compounds through complex fumigation use practices and controls as appropriate, fieldworker safety, and with a strong focus on structural pest control programs to reduce impacts on air quality, ground water, workers, and the environment; acts as lead contact within the southern region of the State and with external stakeholders to explain the nature of, and scientific basis for, laws and regulations protective of human health and the environment, particularly related to fumigant use and structural settings; the incumbent may lead other programs as necessary. Provide training to Department of Pesticide Regulation (DPR) and county staff on inspection procedures, investigations, new worker protection standards and school notification regulations.
30%	Performs, and/or directs the complex and difficult scientific field investigations involving pesticide misuse particularly with structural and commodity applications of fumigants, food safety, illnesses, property loss, environmental damage, endangered species, water quality, toxic air contaminants and wild life preservation; develops scientific reports and other technical documents for the pesticide regulatory program to be used by State and county pesticide regulatory personnel that meet scientific and legal standards of the Department; evaluates scientific recommendations and proposes ways to implement effective regulatory tools; reviews sampling techniques for scientific soundness and advises journey-level scientists in proper data collection and analysis activities.
20%	Acts as the lead in compliance projects, particularly those addressing structural and commodity fumigation) by applying multidisciplinary scientific principles to assess the impacts of the current pesticide regulatory programs administered by the Department and the County Agricultural Commissioners (CACs); analyzes data generated from environmental investigations, making scientifically sound recommendations for environmental protection projects, regulatory changes, and

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10%	enforcement legal actions; performs statistical analyses of CAC local enforcement program activities (especially related to structural and commodity fumigant use) to identify trends and develop and recommend mitigation measures; makes recommendations to management to ensure consistent program integrity and statewide uniformity for human and environmental protection especially in the use of fumigants; implements the USEPA cooperative program for conducting statewide county pesticide oversight inspections and investigations, makes recommendations for immediate and appropriate enforcement actions to reduce pesticide incidents and effects on humans and the environment; takes appropriate quarantine actions when illegal residues are found; coordinates reports and investigations of priority incidents between the regional offices, county, and other state and federal agencies. With a particular emphasis on use of fumigants in commodity and structural settings, interprets and implements legislative mandates and regulations; trains Environmental Scientists in all aspects of the DPR-CAC liaison oversight position; assists in writing regulations and label interpretations; identifies specific areas for field research to obtain information necessary to develop and implement regulatory measures for enforcement of environmental standards; makes presentations to government organizations, scientific associations, growers, and the public.
5%	<u>MARGINAL FUNCTIONS:</u> Performs other duties as assigned. <u>WORKING CONDITIONS:</u> The incumbent will work in a high-rise building, under artificial lighting. The work as indicated for this position requires the ability to lift and carry a minimum of 40 pounds, bend, squat, and climb over boxes, containers, or pallets; travel by automobile or air is required to different areas of the State. There is field work performed requiring the ability to maneuver over uneven ground and work in outdoor conditions. Occasional statewide travel is required. Occasional irregular work schedules may be required. <u>CRITICAL JOB COMPETENCIES:</u> Communication: Ability to make clear and convincing oral presentations to individuals or groups; facilitate open exchange of ideas/opinions. Vision: Ability to build a shared vision with others; ability to translate vision to action. Political Acumen: Ability to identify the internal and external politics that impact the work of the organization; in taking action, demonstrate an understanding and consideration of how it will impact stakeholders and affected areas in the organization.

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	Technical Credibility: Possesses up-to-date knowledge in the profession and industry and access other expert resources when appropriate. Teamwork: Ability to facilitate and maintain cooperative working relationships; work toward accomplishment of group goals. Participates in the Department's succession planning by mentoring new staff. <u>PROFESSIONAL ATTRIBUTES:</u> In addition to the above, the incumbent possesses the willingness and ability to: get along with others; accept direction from supervisor/lead person; abide by work rules; accept constructive criticism; work effectively independently and within a team environment; be flexible; possess strong organizational and communication skills; demonstrate initiative and problem solving abilities.