

Classification Environmental Scientist	Position Number 814-203-0762-207	Location Santa Ana (Southern Regional Office)
Division/Branch Enforcement Regional Offices Branch	Supervisor's Classification Senior Environmental Scientist (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
	Under the close supervision of the Senior Environmental Scientist (Supervisory), the Environmental Scientist performs professional scientific analyses and fieldwork associated with appropriate use of pesticides. Applies scientific methods and principles to identify, research, analyze, and develop science-based solutions for compliance with toxic and hazardous pesticide restrictions. Provides oversight of enforcement compliance to maintain statewide uniformity. Incumbent generates, analyzes and evaluates scientific data for regulatory compliance with human health and environmental requirements, providing protections from pesticide use on human health, non-target vegetation, food safety, surface/ground water, wildlife, and air quality. <u>ESSENTIAL FUNCTIONS:</u>
40%	Coordinates multidisciplinary environmental compliance research projects and collaborates with other agencies, industry, universities, growers, registrants, County Agricultural Commissioners (CAC), and public stakeholders to assess impacts of pesticide use on humans and the environment. Analyzes results of environmental investigations, making scientifically sound recommendations for needed environmental protection projects, regulatory changes, and enforcement legal actions. Performs statistical analysis of CAC local enforcement program activities to identify trends, and develop and recommend mitigation measures for human and environmental protection. Acts as CAC liaison during human exposure and priority illness investigations. Determines CAC program effectiveness by evaluating restricted materials permitting, compliance monitoring, and enforcement response. Makes recommendations to CACs regarding use of appropriate scientific analytical methods and procedures to ensure consistent program integrity and statewide uniformity to protect human health and the environment.
30%	Plans, organizes, and coordinates scientific research to statistically analyze and assess the environmental transport, fate, and routes of exposure of pesticide residues in air, soil, water and biota. Performs scientific investigations to determine compliance with surface water, ground water, worker safety, chemigation, fumigation, or air quality pesticide enforcement limits, and to determine that the presence of pesticide residues on produce commodities are within acceptable federal residue tolerance levels and safe for human consumption. Organizes/conducts neutral scheme environmental compliance inspections/investigations of pesticide products to determine compliance with federal and State pesticide laws and regulations, conducts U.S. EPA special requests, and investigates product related complaints at facilities where pesticides are manufactured, sold, used or stored. Reviews and interprets pesticide products and labels, collects samples or performs sub sampling; issues violations notices for unregistered or misbranded pesticide products; collects evidence; and prepares investigative reports of findings. Inspections will be conducted at manufacturing facilities, pesticide dealers, retail locations and wholesale distribution centers.
15%	Assists in planning and conducting training of Federal, State or CAC personnel on topics related to the protection of the public, workers' health, and ecological resources. This includes oversight of the California Environmental Quality Act equivalency in issuing permits for the purchase and use of restricted pesticides, the State Implementation Plan to reduce release and formation of volatile organic compounds through complex fumigation use practices and controls, and the implementation

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Percent of Time	Activity
10%	of new respiratory protection, fieldworker safety, structural pest control programs to reduce impact on air quality, ground water, workers, and the environment. Serves as liaison within the Department and with external stakeholders to explain the nature of, and scientific basis for, laws and regulations protective of human health and the environment. Negotiates and manages contract agreements for resource allocation and conducts compliance and enforcement activities. Writes scientific reports and technical documents for publication and/or judicial review that meet scientific and legal standards. Evaluates scientific recommendations to determine effectiveness as a regulatory tool. Reviews sampling techniques for scientific soundness and instructs others in their use to ensure proper data collection and analysis. Makes presentations to governmental organizations, scientific associations, growers, and the public.
5%	<u>MARGINAL FUNCTIONS:</u> Performs other duties consistent with the specifications of the classification. <u>WORKING CONDITIONS:</u> The collection of samples as indicated for this position requires the ability to lift and carry a minimum of 25 pounds, bend, squat, and climb over boxes, containers, or pallets; travel by automobile or air may be 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 may be required. Occasional irregular work schedules may be required. Travel may include overnight stays several days each month. <u>CRITICAL JOB COMPETENCIES:</u> Communication: Possess effective oral and written communication skills. Customer Service: Put in place systems and processes to ensure clients receive high quality information, that their feedback is acted upon, and that their complaints are handled effectively. Ethics / Integrity: Ability to abide by laws and regulations. Political Acumen: 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. Problem Solving: Ability to decipher facts and credible evidence. Teamwork: Facilitate and maintain cooperative working relationships; work toward accomplishment

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Percent of Time	Activity
	of group goals. Participates in the Department's succession planning by mentoring new staff. Technical Credibility: Understand and appropriately apply procedures, requirements, policies, and regulations related to specialized expertise. <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. <u>RANGE DIFFERENCES:</u> Range A: Working at the entry level under the close supervision of a Senior ES, the ES Range A performs the less difficult and responsible tasks in accordance with detailed instructions and specific standards. Conducts preliminary and less complex research and statistical analysis. Assists in the coordination of studies and projects. Prepares preliminary drafts of reports; prepare drafts of routine correspondence; answer questions of a routine and minor nature Range B: Working under the general supervision of a Senior ES, the ES Range B performs research and statistical analysis of average difficulty. Coordinates studies and projects. Prepares reports, correspondence; and answers questions of a routine and minor nature. Performs less complex reviews of data, project proposals and reports. Range C: Working independently at the full journey level under the direction of a Senior ES, the ES, Range C performs the more complex tasks. Coordinates complex studies and projects. Performs complex research and statistical analysis. Develops and trains others on the use of new field methods for assessing pesticide contamination. Recruits, interviews, and serves as Lead to Scientific Aids and Student Assistants.