

Classification Environmental Scientist	Position Number 814-801-0762-xxx	Location Sacramento
Division/ Branch PPD/Pesticide Management & Licensing	Supervisor's Classification Senior Environmental Scientist (Supervisor)	Collective Bargaining Identification Designation (CBID) R-10
Conflict of Interest Disclosure Category: <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> N/A	Incumbent (If filled) Vacant	

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
	<p>To protect human health and the environment, the Environmental Scientist (ES), under close supervision of the Senior Environmental Scientist (Supervisory), performs data collection and analysis of school pesticide use reports independently and as part of a team. The ES performs a broad range of tasks related to understanding the patterns of pesticide use on schoolsites in California. Work of the ES is characterized by independent technical computing and the use of established techniques and methodologies. The incumbent will provide the program knowledge, analytical skills, and expertise to convert complex data and information into info-graphics, trend reports, process improvements, regulation analysis, and other related activities as assigned. The incumbent will develop and deliver outreach materials regarding least toxic effective pest management practices for schoolsite stakeholders. Incumbent may act as lead for the School Pesticide Use Report program.</p> <p><u>ESSENTIAL FUNCTIONS:</u></p>
40%	<p>Oversee the collection, entry, and maintenance of pesticide use reports (PUR) for pesticides applied by schoolsite employees and businesses. Use and write unique SQL queries in order to answer questions about school pesticide use patterns independently or as asked by scientific or executive staff and/or the public. Use data analysis and visualizations to discover new avenues of inquest. Improve compliance with the reporting requirement and the accuracy of the data. Focus on how to turn analysis of statewide schoolsite pesticide use reports into a variety of effective outreach activities. Collaborate with other scientific and technical staff to support all PUR activities.</p>
20%	<p>Develop and deliver presentations about the HSA requirements and IPM practices that schoolsite IPM Coordinators (maintenance supervisors and others) may use to comply with the HSA and resolve pest problems. Presentations may also be focused on the school pesticide use reporting requirement, the usefulness of this program to the public and industry, and other related topics.</p>
15%	<p>Assist in developing clear, concise, and compelling outreach and training materials for various audiences (licensed contractors, K-12 school staff, and child care workers). Work with experts in the Department, other governmental agencies, academia, and private industry in the development of training materials to ensure those using pesticides at schoolsites understand IPM concepts and the basics of the safe use of pesticides in relation to children’s health and the unique nature of schoolsites. Assist in developing new and effective means to measure the success of such activities using the school pesticide use report data.</p>
10%	<p>Respond to phone and email questions from the public in a timely manner. Support schoolsite staff in complying with HSA requirements.</p>
10%	<p>Work closely with other branch scientists on urban pest management issues. Coordinate meetings and participate in cooperative projects (such as research grants and Alliance grants), between state, private industry and other agencies with an emphasis on school and child care IPM, and other urban IPM issues. Represent DPR’s school/child care IPM program at various advisory group and stakeholder meetings.</p>
5%	<p><u>MARGINAL FUNCTIONS:</u></p> <p>Other program duties as assigned</p>

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Percent of Time	Activity
	<p><u>WORKING CONDITIONS</u></p> <p>The employee will work in a high-rise office building with a climate-controlled environment and artificial lighting. The employee may be required to sit for long periods at a time and must be able to use a computer monitor, mouse, and keyboard for up to 8 hours per day. The employee must be able to lift at least 10 pounds. Occasional travel, sometimes requiring overnight stays, to facilitate statewide workshops, training events, and other outreach activities may be required.</p> <p><u>CRITICAL JOB COMPETENCIES</u></p> <ul style="list-style-type: none">• <i>Teamwork</i>• <i>Technical credibility</i>• <i>Customer service orientation</i>• <i>Serve as a model of transparency</i>• <i>Communication (oral, written, organizational)</i>• <i>Foster commitment, team spirit, pride, and trust</i>• <i>Retain stamina and bounce back from setbacks</i>

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	<p data-bbox="305 1738 1495 1808">X 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).</p>