



<b>DUTY STATEMENT</b>	
<b>Classification:</b> Environmental Scientist	<b>Position Number:</b> 835-777-0762-001
<b>Division/Office/Section:</b> MMLA/STAR/Product Stewardship Section	
<b>Location:</b> 1001 I Street, Sacramento, CA 95814	<b>Effective Date:</b>
<b>Employee's Name:</b>	<b>Supervision Exercised:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Supervisor's Name:</b> Allyson Williams	
<b>Collective Bargaining Identifier (CBID):</b> R10	

This position requires the incumbent to maintain consistent and regular attendance; communicate effectively (orally and in writing) when interacting with the public and/or other employees; develop and maintain knowledge and skills related to specific tasks, methodologies, materials, tools and equipment; complete assignments in a timely and efficient manner; and, adhere to department policies and procedures regarding attendance, leave, and conduct.

**POSITION DESCRIPTION:**

Under direction of the Senior Environmental Scientist (Supervisory), the Environmental Scientist works independently applying scientific methods, principles, and analytical skills in performing the duties listed below. The incumbent is part of an integrated CalRecycle team that implements the provisions of the California Integrated Waste Management Act of 1989 and the statewide goal of 75 percent recycling, composting or source reduction of solid waste by 2020 per AB 341 (Chesbro, Chapter 476, Statutes of 2011). Specifically, the incumbent is the Materials Management & Local Assistance Division’s co-lead overseeing the industry-led, statewide program to reduce illegal dumping, increase recycling, and substantially reduce public agency costs for the end-of-life management of used mattresses in accordance with the California Used Mattress Recovery and Recycling Act (Public Resources Code sections 42985-42994). This program follows extended producer responsibility principles to ensure used mattresses are properly managed in California. This position involves travel throughout the state approximately 10% of the time.

Employees in Range A are entry level and work under direct supervision performing least complex scientific work.  
 Employees in Range B are intermediate level and work under general supervision performing moderately complex work.  
 Employees in Range C are journey person level and work independently performing the most complex work.

**ESSENTIAL FUNCTIONS**

45% Co-lead implementation of CalRecycle’s Materials Management and Local Assistance Division’s responsibilities under the Used Mattress Recovery and Recycling Act to reduce illegal dumping, increase recycling, and substantially reduce public agency costs for the end-of-life management of used mattresses. Develop and maintain expertise on California and other national mattress stewardship laws, programs, and best practices. Coordinate with the Mattress Recycling Organization (MRO) and other external stakeholders to ensure effective communication and program implementation. Develop necessary regulations, establish and periodically update statewide and program mattress baseline and goals; certify MRO’s; review plans and plan amendments submitted individually, collectively, or through a MRO(s) and prepare a recommendation to management whether to approve, conditionally approve, or disapprove the plans, plan amendments, and annual program budgets; review annual reports from the MRO(s) and provide a recommendation to management whether to approve, conditionally approve, or disapprove; analyze annual reports from recyclers, renovators, and solid waste facilities and compile data; prepare technical documents for monthly public meetings; oversee and monitor progress of the MRO(s); implement CalRecycle’s non-enforcement responsibilities, provide oversight, and coordinate with enforcement, legal, and other department staff to ensure a level playing field is maintained among mattress manufacturers, renovators, and retailers. Coordinate extensively with cross-program and cross-division teams within CalRecycle and other state agencies.

- 30% Conduct research and analysis of national and international EPR programs and policies, establish metrics for success, and develop recommendations for state-and region-wide models that would improve mattress recycling. Assess the environmental, economic, and social impacts of EPR programs within California, other states, and internationally. Conduct workshops, conferences, and/or training sessions on these program activities to aid in the implementation of the Used Mattress Recovery and Recycling Act. Assess and evaluate mattress recycling issues using scientific principles and methods.
- 20% Participate in cross-program and/or cross-agency teams to further CalRecycle's efforts and initiatives related to mattress recycling and EPR. Participate in working groups studying specific management of wastes generated from mattress disposal and recycling and other products. Collect, analyze, and evaluate data on waste streams and their impact on the environment. Evaluate greenhouse gas emissions associated with the mattress recycling program. Prepare technical reports, articles, fact sheets, displays, presentations, and correspondence relating to mattress recycling and EPR. Coordinate with other CalRecycle divisions, offices, and branches, local governments, non-profit organizations, and industry to assure related integrated waste management and education programs build toward a statewide infrastructure for diverting mattresses and related materials from landfills. Conduct review of legislative bills, and provide input, data, technical assistance, legislative analysis, fiscal analysis, and provide recommendations to management on bills relating to EPR, Household Hazardous Waste, and other product management issues. Identify relevant stakeholders, fiscal impacts, health and safety issues, and programmatic issues. Develop legislative language and recommendations to management for policy and legislative proposals in support of CalRecycle's strategic directives. Response to inquiries and prepare briefings for CalRecycle Executive Staff and management related to implementation of the Act. Develop regulations, draft regulatory language, prepare requests for approval, give presentations, coordinate with the Office of Administrative Law, and compile rulemaking binders. Apply scientific methods and principles to provide input, data, analysis, and recommendations to management on the development of broad policy and legislative proposals with immediate and long range impacts to address solid waste management concerns.

#### **MARGINAL FUNCTIONS**

- 05% Maintain and develop content on mattress recycling for the mattress, EPR, and related web pages, manage CalRecycle-sponsored contracts, as necessary.