



DUTY STATEMENT	
Classification: Environmental Scientist	Position Number: 874-0762-002
Division/Office/Section: WPCMD/WEEB/Solid Waste Enforcement Section/Inspection and Enforcement Agency Compliance Unit A	
Location: Sacramento	Effective Date: 09/01/2014
Employee's Name: Vacant	Supervision Exercised: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Supervisor's Name: Tadese Gebre-Hawariat	
Collective Bargaining Identifier (CBID): R 10	

This position requires the incumbent to maintain consistent and regular attendance; communicate effectively (orally and in writing if both appropriate) in dealing with the public and/or other employees; develop and maintain knowledge and skill 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 general direction of the Senior Environmental Scientist (Supervisory), the Environmental Specialist (ES) will apply principles of scientific research, chemical, biological, physical, and environmental sciences, environmental characteristics of waste materials and solid waste facilities and systems as they relate to the review, inspection, assessment and enforcement of solid waste facilities' technical documents, operations and monitoring records. Incumbent will determine the significance of violations and their general effect on public health, safety and the environment; and apply knowledge of statistical methods of analysis, integrated waste management economics, public health, and resource management to assess if proposed corrective actions are reasonable and will effectively protect the public health and safety and the environment. The ES will review facilities basic hydrology and geology, landfill gas plans, permitting technical documentation and most recent landfill or facility engineering designs and capacity figures to determine compliance with the current permit and ensure that impacts to the public health and safety and the environment are being mitigated. Incumbent will collect, analyze, and evaluate environmental monitoring data and ensure sound conclusions have been made and facility compliance with state standards are met. Incumbent will determine solid waste facilities' compliance with State Minimum Standards (SMS) and permit terms and conditions through field inspections while also providing technical expertise, training and assistance to local enforcement agencies (LEAs) on inspection and enforcement matters; prepare and submit inspection reports; assist in maintaining an inventory of facilities that fail to meet SMS and facilities that receive enforcement orders; and ensure that enforcement information in the Department's database is correct and up to date. Incumbent is required to travel as part of this position with duration and time variant upon facility locations

ESSENTIAL FUNCTIONS

- 30%** The ES will conduct 18-month inspections at active landfills throughout California pursuant to applicable laws and regulations in conjunction with the LEAs and prepare appropriate documentation as necessary to ensure compliance with SMS and permit requirements. Conduct random inspections of permitted facilities as part of the Department's strategic directives.
- 25%** For jurisdictions where the Department acts as the Enforcement Agency (EA), the ES will conduct field inspections of solid waste facilities and operations, research files and other site-specific literature. Meet with facility representatives to evaluate compliance issues pertaining to a specific facility and help develop resolutions, take enforcement action, and prepare appropriate documentation as necessary pursuant to applicable provisions of the Public Resources Code and California Code of Regulations; consult with the appropriate local health agency concerning all actions which involve health standards; investigate and report on complaints pertaining to solid waste collection, handling, storage, solid waste facilities and disposal sites within the assigned jurisdiction(s). Review draft permit and conditional documents prepared by the Permits Assistance Branch (PAB) to assure that the facilities will be operating consistent with state standards and that the proposed conditions and operational documents are adequate to assure compliance with SMS and; keep track of hours spent as EA for billing purposes.
- 15%** The ES will conduct pre-permit inspections at solid waste facilities in conjunction with PAB staff and inspections of other solid waste facilities throughout the State as needed and prepare appropriate

documentation as necessary to ensure compliance with SMS and permit requirements.

- 15%** For facilities that have consecutive violations of SMS requirements, the ES will coordinate with the LEA and notify the facility of the intent to place the facility on the Department's Inventory. If the violation is not corrected within 90 days, the ES will be responsible for listing the facility on the Inventory and following up on subsequent enforcement actions issued by the LEA. The ES will track LEA and program related enforcement actions and provide technical assistance as needed. The ES will keep the Department's database updated for enforcement action related issues.
- 10%** The ES will coordinate with PAB in providing technical assistance to LEAs in assuring that facilities comply with SMS and permit conditions, including assist in preparing and presenting technical training classes. If a facility persists in violating SMS and permit conditions, the ES will assist the PAB and LEA in pursuing the appropriate enforcement action, or assume the Department's role in taking appropriate enforcement.

MARGINAL FUNCTIONS

- 5%** The ES will provide technical expertise to other programs and stakeholders when requested by supervision in the form of reviewing documents, conducting evaluations, preparing written or verbal responses, and attending meetings. Review industry and other CalRecycle programs technical information, trainings, regulations, and written materials to assure the ES has the most current knowledge of integrated waste management issues.