

Duty Statement – Workforce

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Duty Statement

☐ Current ☒ Proposed

RPA Number:	Classification Title: Air Pollution Specialist	Position Number: 673-510-3887-xxx
Incumbent Name:	Working Title: Air Pollution Specialist	Effective Date: 7/20/2026
Tenure: Limited-Term	Time Base: Full-Time	Intermittent Hours Per Month:
Division/Office: Monitoring and Laboratory Division	Section/Unit: Oil and Gas Emission Monitoring	Reporting Location: Sacramento
Supervisor's Name: Yunliang Zhao	Supervisor's Classification: Air Resources Supervisor I	CBID: 09
Confidential Designation: ☐ Yes ☒ No	Designated Position for Conflict of Interest: ☒ Yes ☐ No	Position Telework Eligible: ☒ Yes ☐ No
Supervision Exercised: ☒ None ☐ Lead		

General Statement

The Oil and Gas Emission Monitoring Section (OGEMS) is dedicated to protecting public health by developing and implementing regulations that require rapid detection of leaks from oil and gas facilities located in the health protection zone (defined as 3,200 feet (one kilometer) from sensitive receptors) established by SB1137 (Gonzalez, 2022). OGEMS is also responsible for developing the monitoring and data reporting criteria for the monitoring program required by Senator Bill 567 (SB 567). SB 567 requires continuous monitoring of leaks, including, but not limited to, methane from the gravity-based energy storage wells.

This position supports implementation of SB 567 through leading or contributing to tasks such as reviewing and assessing monitoring technologies for leak detection, updating the source profiles of emissions, analyzing monitoring data, conducting stakeholder engagement, briefing CARB management.

Competencies

All employees are responsible for understanding and demonstrating the core competencies of collaboration, communication, customer engagement, digital fluency, diversity and inclusion, innovative mindset, interpersonal skills, and resilience.

Position Description

Under the close supervisor (Range A), or general supervision (Range B, C) of Air Resources Supervisor I, the employee performs the following duties: This position will require the candidate to possess a driver license and to pass training courses (including periodic refresher courses) in defensive driving, enroll in the DMV Pull Notice Program, and maintain a "good" driver status.

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Additionally, the candidate must be willing to travel up to 25 percent of the time, to work in an industrial environment including exposure to air emissions, fumes, heat, and vehicle traffic, and to wear personal protective equipment including, but not limited to a hard hat, safety shoes with toe protection, reflective vest, Nomex overalls, hearing protections, gloves, and safety glasses. This position will require the employee to pass a pre-employment physical.

% of Time	Essential Functions
25%-E	Assess and explore monitoring technologies capable of detecting leaks (e.g., methane and toxic air contaminants) from gravity-based energy storage wells. This task involves developing a comprehensive list of applicable monitoring technologies and comparing their performance characteristics, including detection limits, measurement time resolution, maintenance requirements, and data acquisition and management capabilities. The incumbent is also responsible for tracking advancements in emerging monitoring technologies and providing regular updates to the technology list.
25%-E	Work with the team in OGEMS and California Geologic Energy Management Division (CalGEM) to develop the criteria for leak detection and data reporting. The task involves developing the criteria, such as monitor performance, data objective indicators, types of data for reporting, and applying these criteria to review plans and providing deficiencies to operators.
15%-E	Work with the team in OGEMS and CalGEM to evaluate the pilot program and make recommendations to the Legislature for a framework to implement an ongoing gravity-based energy storage well program to regulate the operation of gravity-based energy storage wells. The task involves analysis of the data collected during the pilot program and identifying areas for improvements.
15%-E	Explain the regulations and monitoring requirements in plain English that can be easily understood by community groups, operators, other government agencies, and the public.
10%-E	Review literature and conduct field studies to identify chemical compositions of leaks from the gravity-based energy storage wells.

% of Time	Marginal Functions
5%-M	Participate in field studies with others to audit the effectiveness of the current regulations and requirements in detecting leaks.
5%-M	Perform other duties as required such assisting other branches, divisions or board programs.

Typical Physical Conditions/Demands

This position will require the candidate to possess a driver license and to pass training courses (including periodic refresher courses) in defensive driving, enroll in the DMV Pull Notice Program, and maintain a “good” driver status. Additionally, the candidate must be willing to travel up to 25 percent of the time, to work in an industrial environment including exposure to air emissions, fumes, heat, and vehicle traffic, and to wear personal protective equipment including, but not limited to a hard hat,

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safety shoes with toe protection, reflective vest, Nomex overalls, hearing protections, gloves, and safety glasses. This position will require the employee to pass a pre-employment physical.

Typical Working Conditions

- Requires being stationary, consistent with office work, for extended periods.
- Standard office environment (artificial lighting, controlled temperature, etc.).
- Daily use of a personal computer, office equipment, and/or telephone.
- Travel might be required.

Special Requirements of Position (Check all that apply):

- ☒ Duties may require pre-employment and routine screenings (background/criminal/fingerprint clearance, drug testing, fingerprinting, physical, etc.).
- ☒ Duties require participation in the DMV Pull Notice Program.
- ☐ Performs other duties requiring high physical demand. (Explain below)
- ☐ Requires repetitive movement of heavy objects and/or operation of heavy machinery or motorized vehicles.
- ☒ Travel likely up to 25 percentage
- ☐ Bilingual Fluency needed in _____(language)
- ☐ Other-

Supervisor Statement

I certify that this duty statement accurately describes the essential functions of this position. I have discussed the duties of this position with the employee and provided the employee with a copy of this duty statement.

Supervisor Name: Yunliang Zhao	Supervisor Signature:	Date: 7/20/2026
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Employee Statement

I have discussed these duties with my supervisor and have been provided a copy of this duty statement. I certify that I have read, understand, and can perform the duties of this position either with or without reasonable accommodation*.

** Reasonable accommodation is any modification or adjustment made to a job, work environment, or employment practice or process that enables an individual with a disability or medical condition to perform the essential functions of his or her job or to enjoy an equal employment opportunity. (If you believe reasonable accommodation is necessary, check yes. If unsure of a need for reasonable accommodation, inform the hiring supervisor, who will discuss your concerns with the Reasonable Accommodation Coordinator.)*

Do you need reasonable accommodation to perform the essential functions of this position?

- ☐ Yes ☐ No

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Employee Name:	Employee Signature:	Date: Date
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