

**DUTY STATEMENT**☒ **CURRENT**☐ **PROPOSED**

|                                                                                                                                                                           |                                                                                                         |                                                                                                           |
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| RPA Number:<br><b>HRC0001293</b>                                                                                                                                          | Classification/CBID:<br><b>Hazardous Substances Engineer/R09</b>                                        | Position Number:<br><b>810-512-3726-093</b>                                                               |
| Incumbent Name:                                                                                                                                                           | Working Title:                                                                                          | Effective Date:                                                                                           |
| Tenure:<br><b>Permanent</b>                                                                                                                                               | Time Base:<br><b>Full-Time</b>                                                                          | Intermittent Hours Per Month:                                                                             |
| Program/Division:<br><b>Site Mitigation and Restoration Program</b>                                                                                                       | Branch/Section/Unit:<br><b>Bay Area Cleanup</b>                                                         | Reporting Location:<br><b>Berkeley</b>                                                                    |
| Supervisor's Name:<br><b>Nathan Unangst</b>                                                                                                                               | Supervisor's Classification:<br><b>Senior Engineering Geologist</b>                                     | Position Telework Eligible:<br><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO        |
| Confidential Designation:<br><br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO                                                                      | Designated Position for COI:<br><br><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | Position Designated Bilingual:<br><br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| Supervision Exercised:<br><input checked="" type="checkbox"/> None <input type="checkbox"/> Lead <input type="checkbox"/> Managerial <input type="checkbox"/> Supervisory |                                                                                                         |                                                                                                           |

**General Statement**

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.

**Equity Statement**

The Department of Toxic Substances Control (DTSC) values diversity, equity, and inclusion throughout the organization. We foster an environment where employees from a variety of backgrounds, cultures, and personal experiences are welcomed and can thrive. We believe the diversity of our employees is essential to inspiring innovative solutions. Together we further our mission to protect California's people and environment from harmful effects of toxic substances by restoring contaminated resources, enforcing hazardous waste laws, reducing hazardous waste generation, and encouraging the manufacture of chemically safer products.

**Position Description**

Under the close supervision of the Senior Engineering Geologist for the Alameda unit in the Bay Area Cleanup Branch, the Hazardous Substances Engineer (HSE) serves as project manager and oversees all aspects of assessment, investigation and/or cleanup of assigned hazardous waste/substance sites and other administrative duties. Specific duties include, but are not limited to:

**Essential Functions (Including percentage of time):**

|            |                                                                                                                                                                                                                                                                                                                                                                                                         |
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| <b>25%</b> | <b>Technical Expert</b><br>Reviews and/or prepares technical engineering reports and other documents including, but not limited to, Phase I reports, Preliminary Endangerment Assessments, Resource and Cost Recovery Act Facility Assessments, site characterization workplans and reports, sampling and analysis plans, human health and ecological risk assessments, pilot and treatability studies, |
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|     | feasibility studies, remedy selection documents, design, implementation, completion reports, operation and maintenance plans, five-year reviews and long-term monitoring reports for compliance with approved plans. Evaluates site characterization data to support engineering remedial design and implementation; reviews or develops process flow and instrumentation diagrams, and design plans and specifications of engineering remedy; performs remedial system optimization using value engineering and systematic approach tools; conducts engineering analyses of soil or engineered cap designs, slope stability evaluations, groundwater and soil vapor extraction and treatment system designs and monitoring plans. Performs statistical and trend analysis on data to define the overall effectiveness of remedial treatment technology. Confirms engineering information, use of correct equations and engineering calculations related to project submittals; and evaluates integration of remedial design with engineering infrastructures for site development. Reviews or prepares cost estimates to ensure that adequate financial assurance mechanisms are in place for the selected remedy and long-term operation and maintenance. |
| 25% | <b><u>Project Management</u></b><br>Plans and maintains a workload consisting of multiple projects with sometimes conflicting deadlines to ensure all assignments are completed on time and within budget. Prepares and maintains accurate project schedules to facilitate allocation of resources. Prepares estimates for oversight costs for each assigned project and follows up with the Responsible Parties to ensure payment of invoices of billed activities. Routinely updates and maintains project information on existing sites in the Department of Toxic Substances Control's (DTSC's) EnviroStor database, including uploading major milestone documents to EnviroStor on a timely basis. Maintains site files and databases for internal and external use. Communicates internally and externally the status of assignments, recommendations, or issues and prepares clear written documents free of errors in grammar or punctuation. Conducts assignments in a project team environment by providing information and coordinating project work with other team members. This includes participating in team-based decision-making, respectfully resolving disputes and maintaining an environment of trust.                                |
| 10% | <b><u>Field Oversight</u></b><br>Coordinates and conducts on-site oversight of field activities including the collection of field samples, construction of remedies, and remedial system operation and maintenance to ensure compliance with approved plans and applicable health and safety protocols. Performs site inspections to verify compliance with site order or agreement requirements, including compliance with land use covenants.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 10% | <b><u>Public Outreach</u></b><br>Coordinates with other local, state and federal regulatory agencies to assure compliance with actions being taken on site projects. Interfaces and coordinates with members of the public, legislators, regulated parties, other agencies, and the media, to provide and explain site information. Prepares or reviews public participation plans, work notices, public notices, and/or fact sheets. Participates in community meetings, workshops, and interviews to address community concerns and to promote transparency of DTSC project decisions. Responds to public inquiries or complaints.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 10% | <b><u>Administrative Duties</u></b><br>Performs administrative duties including, but not limited to: adhering to DTSC policies, rules, and procedures; submitting administrative requests including leave, overtime, travel, and training in a timely and appropriate manner; accurately reporting time in the Daily Log system and submitting timesheets by the due date. Prepares weekly reports and other status reports on projects for SMRP.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

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| <b>5%</b> | <b><u>Research and Analysis</u></b><br>Researches internal and external facility and site records; prepares summary reports documenting instances of uncontrolled release of hazardous materials. Performs site screening evaluations. Identifies responsible parties. Drafts or coordinates preparation of Corrective Action Order/Agreements, Unilateral Orders, Voluntary Cleanup Agreements, Operation and Maintenance Agreements, Consultative Agreements, Land Use Covenants, and cost recovery actions. Provides assistance for legal proceedings and participates in negotiations and litigation, as necessary. |
| <b>5%</b> | <b><u>California Environmental Quality Act (CEQA)</u></b><br>Prepares CEQA compliance documents, as needed, for DTSC regulatory decisions. Working in conjunction with environmental planners, identifies, conducts, and/or reviews supplemental studies necessary to complete the CEQA-compliance documents.                                                                                                                                                                                                                                                                                                           |

**Marginal Functions (Including percentage of time):**

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| <b>5%</b> | <b><u>Contracts</u></b><br>Assists in the procurement of state contractors; identifies projects eligible for orphan state funding or National Priorities List (NPL) match; develops cost estimates and tasks to be conducted; prepares CFAs and negotiates site-specific contracts; provides necessary documentation to finalize site-specific contracts; prepares work orders/field orders and processes invoices; does contract oversight; and closes out site-specific work orders or contracts. Interfaces and coordinates with Budget and Contract Unit Staff and ensures work complies with Departmental and Department of General Services and, if applicable, federal contracting requirements. |
| <b>5%</b> | <b><u>Other Related Duties</u></b><br>Performs other duties related to site mitigation and restoration. If the incumbent is in Range D with a valid Professional Engineer License, provides review as an engineer in responsible charge. Participates in statewide workgroups/teams to resolve technical and regulatory issues, develop or update policy and guidance, and/or make recommendations to management on regulatory or policy matters. Makes presentations to public forums, public officials, and external public agencies.                                                                                                                                                                 |

**Typical Physical Conditions/Demands:**

The work typically requires sitting for prolonged periods while reading, writing, typing, and participating in meetings. This position requires working in the field and may include work at sites with rough or inaccessible terrain, working outside in inclement weather conditions, and travel to sites anywhere in California. Potential exposure to toxic or hazardous materials. Use of personal protective equipment may be required. The position requires bending and stooping. Individually, able to transport up to 20 pounds. On an as-needed basis, work outside normal work hours, including evenings and weekend.

**Typical Working Conditions:**

Works in a cubicle environment in a multi-story building using a variety of office equipment, e.g., computers, copiers, etc. Occasional overnight travel required. If travel is required, it will be by commercial carrier or auto, whichever method is in the best interest of the state. Driving to sites and off-site meetings is required.

**Special Requirements of Position (Check all that apply):**

- ☐ Duties performed may require pre-employment and/ or 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.
- ☒ Other (Explain below)

**Explanation:**

Maintenance of field certification, current annual medical monitoring, 40-hour HAZWOPER, annual DTSC HAZWOPER refresher, biennial first aid/CPR, and defensive driving. Attends meetings, hearings, and work with staff statewide to complete projects and work assignments on a weekly, monthly or bi-monthly basis depending upon complexity of project or work assignment. Applies laws, regulations, policies and procedures governing the management of hazardous waste in California. Analyzes complex regulatory issues and provides sound technical recommendations to management and staff within DTSC. This position also handles sensitive and confidential materials/matters.

**Supervisor Statement**

I certify this duty statement represents an accurate description of the essential functions of this position. I have discussed the duties of this position with the employee and provided the employee a copy of this duty statement.

| Supervisor Name | Supervisor Signature | Date |
|-----------------|----------------------|------|
|                 |                      |      |

**Employee Statement**

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

*\*A 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.)*

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|---------------------------------------------------------------------------------------------|----------------------------------------------------------|
| Do you need a reasonable accommodation to perform the essential functions of this position? | <input type="checkbox"/> YES <input type="checkbox"/> NO |
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| Employee Name | Employee Signature | Date |
|---------------|--------------------|------|
|               |                    |      |

**HUMAN RESOURCES BRANCH USE ONLY:**

- ☒ Duties meet class specifications and allocation guidelines.  
☐ Exceptional allocation, STD 625 on file.

Analyst initials: ke Date Approved: 7/29/2026

Revision Date (if applicable): Click or tap to enter a date.