

**JOB DESCRIPTION AND POSITION CLASSIFICATION**

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| CLASSIFICATION<br><b>Supervising Engineer, Water Resources</b>                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | DWR POSITION NUMBER<br><b>0100-3258-x9x</b>           | SAP POSITION NUMBER<br><b>50096430</b>                                      | MCR<br><b>1</b> |
| APPOINTEE<br><b>Vacant</b>                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | SAP PERSONNEL NO.<br><b>TBD</b>                       | DIVISION/SECTION<br><b>Executive/State Water Project Long-Term Planning</b> |                 |
| COLLECTIVE BARGAINING IDENTIFIER<br>Management Related BU: <input type="checkbox"/> Supervisory Related BU: <input checked="" type="checkbox"/> Confidential Related BU: <input type="checkbox"/> Rank and File BU: <input type="checkbox"/><br><b>E48</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                       |                                                                             |                 |
| RESPONSIBILITIES EXERCISED<br><input type="checkbox"/> Supervisory <input checked="" type="checkbox"/> Lead Person                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IMMEDIATE SUPERVISOR (Print)<br><b>Andrew Schwarz</b> | SUPERVISOR'S CLASSIFICATION<br><b>CEA - SWP Long Term Planning Officer</b>  |                 |
| APPROVED BY (Personnel Analyst's Name)<br><b>Nicholas Miskovich</b>                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                       | DATE<br><b>8/24/2026</b>                                                    |                 |
| <i>Percent of Time</i>                                                                                                                                                                                                                                     | <i>Activity</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                       |                                                                             |                 |
| <b>35%</b>                                                                                                                                                                                                                                                 | <p><b>POSITION SUMMARY</b><br/>Under the general direction of the State Water Project Long-term Planning Officer (CEA), the incumbent will lead the integration of climate change adaption and mitigation activities into the management of the State Water Project (SWP) and manage special planning studies and evaluations. The position will apply risk management concepts by evaluating climate change impacts to the safety, reliability, and resilience of the SWP, emergency preparedness, and asset management plans and processes. The position will lead implementation and reporting of executive orders and legislative mandates related to climate change and long-term planning within the SWP. This position will also represent DWR-SWP on climate change with internal and external interested parties, and regulatory bodies.</p> <p><b>ESSENTIAL FUNCTIONS</b><br/>This position requires the incumbent to work independently; work cooperatively with all levels of executive and senior management as well as staff; maintain regular, consistent, predictable attendance; exercise good judgment. Excellent verbal and written communication skills are required. The specific essential duties are, but are not limited to, the following:</p> <p>Lead the implementation of DWR's Climate Action Plan (CAP) by providing engineering expertise to SWP project managers with complying with CAP Phase 1 (Greenhouse Gas Emissions Reduction Plan). Provide high-level oversight and engineering guidance to SWP divisions and offices with evaluating the greenhouse gas implications of specific projects. Ensure current and appropriate methodologies are used to calculate the greenhouse gas emissions associated with SWP projects and actions, where needed; support the analysis of climate change related to SWP activities in conformance with CAP Phase II (Climate Change Analysis Guidance); and assess the climate change vulnerability of SWP assets, develop and support the implementation of adaptation strategies to address those vulnerabilities, in support of CAP Phase III (Vulnerability Assessment and Adaptation Plan). Maintain and provide expert understanding of SWP operations and maintenance practices, constructions practices, and other relevant practices to inform the development or future updates of the Climate Action Plan and SWP Adaptation Strategy.</p> |                                                       |                                                                             |                 |
| SUPERVISOR'S STATEMENT: <b>I HAVE DISCUSSED THE DUTIES OF THE POSITION WITH THE EMPLOYEE.</b>                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                       |                                                                             |                 |
| SUPERVISOR'S NAME (Print)<br><b>Andrew Schwarz</b>                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | SUPERVISOR'S SIGNATURE<br>➤                           |                                                                             | DATE            |
| EMPLOYEE'S STATEMENT: <b>I HAVE DISCUSSED WITH MY SUPERVISOR THE DUTIES OF THE POSITION AND HAVE RECEIVED A COPY OF THE DUTY STATEMENT.</b>                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                       |                                                                             |                 |
| EMPLOYEE'S NAME (Print)<br><b>Vacant</b>                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EMPLOYEE'S SIGNATURE<br>➤                             |                                                                             | DATE            |

## JOB DESCRIPTION AND POSITION CLASSIFICATION

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| CLASSIFICATION                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | DWR POSITION NUMBER |                                                  | SAP POSITION NUMBER | MCR |
| Supervising Engineer, Water Resources                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0100-3258-x9x       |                                                  | 50096430            | 1   |
| APPOINTEE                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | SAP PERSONNEL NO.   | DIVISION/SECTION                                 |                     |     |
| Vacant                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | TBD                 | Executive/State Water Project Long-Term Planning |                     |     |
| Percent of Time                                                                                                                                                                                                                                                           | Activity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                     |                                                  |                     |     |
|                                                                                                                                                                                                                                                                           | Review engineering information, plans, and specifications; prepare engineering reports that include development of engineering analysis and development of project operations; and assemble and compile technical engineering information for the SWP Long-term Planning Officer, SWP Deputy Director, and DWR directorate.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                     |                                                  |                     |     |
| 30%                                                                                                                                                                                                                                                                       | Lead complex, multidisciplinary long-term planning analyses and technical evaluations that inform the future planning, operation, investment, and resilience of the State Water Project. The incumbent identifies emerging issues, develops analytical approaches, directs technical studies, and integrates engineering, hydrologic, operational, environmental, climate, economic, and policy considerations to evaluate future opportunities, risks, and management strategies. Typical deliverables include technical reports, planning studies, decision-support analyses, white papers, executive briefings, policy recommendations, presentation materials, and strategic planning documents that support informed decision-making regarding long-term State Water Project planning, infrastructure, system operations, water supply reliability, climate resilience, and resource management. |                     |                                                  |                     |     |
| 15%                                                                                                                                                                                                                                                                       | Lead SWP and DWR Strategic Plan climate and sustainability initiatives by strengthening research practices, expanding climate expertise, and ensuring major decisions incorporate climate resilience, equity, and environmental stewardship. Support Department efforts that advance thought leadership, groundwater sustainability, watershed data access, risk-informed planning, forecasting modernization, Envision-based infrastructure design, emergency preparedness, and cross-divisional collaboration. For the SWP Strategic Plan, guide key climate-focused objectives and contribute to efforts that enhance regulatory adaptation, environmental stewardship, and best-in-class organizational performance.                                                                                                                                                                              |                     |                                                  |                     |     |
| 10%                                                                                                                                                                                                                                                                       | Lead the organization and support the development of engineering methodologies to include managed lands and natural infrastructure, including watersheds; address legislative mandate that defines watersheds as infrastructure (AB 2480) and support the development of forest and watershed restoration per AB 2551.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                     |                                                  |                     |     |
| 10%                                                                                                                                                                                                                                                                       | Provide leadership and technical support for SWP advanced planning activities; keep abreast of water and electric utility industry trends; weather, hydrologic, and snowpack forecasting; scientific advancements in long-term climate, hydrologic, and water supply modeling and planning; and communicate and disseminate pertinent concepts; seek out best practice solutions for potential application to the SWP.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                     |                                                  |                     |     |
| SPECIAL REQUIREMENTS                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                     |                                                  |                     |     |
| Requires work outside of normal business hours, traveling by air and/or automobile, and staying overnight in various locations throughout the State of California. Employee is required to successfully complete all safety training related to the functions of the job. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                     |                                                  |                     |     |
| Possession of a valid certificate of registration as a civil engineer issued by the California State Board of Registration for Professional Engineers is required.                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                     |                                                  |                     |     |

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| CLASSIFICATION<br><b>Supervising Engineer, Water Resources</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | DWR POSITION NUMBER<br><b>0100-3258-x9x</b> | SAP POSITION NUMBER<br><b>50096430</b>                                      | MCR<br><b>1</b> |
| APPOINTEE<br><b>Vacant</b>                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | SAP PERSONNEL NO.<br><b>TBD</b>             | DIVISION/SECTION<br><b>Executive/State Water Project Long-Term Planning</b> |                 |
| <i>Percent of Time</i>                                         | <i>Activity</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                             |                                                                             |                 |
|                                                                | <p><b>The Department of Water Resources is committed to its mission and employees, and we are grounded in our commitment to public safety. Regular, consistent, and predictable attendance is essential to the successful performance in this position.</b></p> <p><b>All employees are responsible for contributing to an inclusive, safe, and secure work environment that values diverse cultures, perspectives, and experiences, and is free from discrimination.</b></p> <p><b>FINANCIAL DISCLOSURE</b><br/> <b>This position is covered in the Political Reform Act and requires financial disclosure within 30 days of the first and last day physically worked in a covered position and annually by April 1st.</b></p> <p><b>OTHER RESPONSIBILITIES:</b><br/> <b>This position provides necessary support to the Divisions of Flood Management, Safety of Dams, Operations and Maintenance, Engineering, and/or the Public Affairs Office during Governor declared emergencies, flood, dam, SWP, and other incidents and emergencies. Additionally, this position may participate in emergency operations in the capacity of area teams, field inspection, coordination, and assist agencies such as CalOES and FEMA in disaster work, including performing fieldwork to complete damage survey reports for droughts, flooding, earthquakes, and other emergencies. This position may also serve in one of the sections as established in the Incident Command System to assist the Department in performing its emergency preparedness, response, recovery, and mitigation functions. These functions are established in the California State Emergency Plan and the Department's Administrative Orders.</b></p> |                                             |                                                                             |                 |