

JOB DESCRIPTION AND POSITION CLASSIFICATION

CLASSIFICATION Water Resources Technician II		DWR POSITION NUMBER 2630-3043-189	SAP POSITION NUMBER 50002554	MCR 1
APPOINTEE VACANT		SAP PERSONNEL NO. TBD	DIVISION/SECTION SFD/Operations Branch/Water Operations Section	
COLLECTIVE BARGAINING IDENTIFIER Management Related BU: ☐ Supervisory Related BU: ☐ Confidential Related BU: ☒ Rank and File BU: R11				
RESPONSIBILITIES EXERCISED ☐ Supervisory ☐ Lead Person		IMMEDIATE SUPERVISOR (Print) Marcos Moreno Jr.	SUPERVISOR'S CLASSIFICATION Water Services Supervisor	
APPROVED BY (Personnel Analyst's Name) Jennifer Greathouse			DATE 7-28-26	
<i>Percent of Time</i>	<i>Activity</i>			
45%	POSITION SUMMARY Under general supervision of the Water Services Supervisor, performs a wide variety of difficult and complex nonprofessional engineering and water operation duties associated with the transportation and deliveries of water as well as power generation operations. This is the full journey level for the series involving greater scope of judgment and action, a higher degree of knowledge and abilities, and lead responsibility when appropriate. May perform administrative tasks in SAP such as time reports, program reports, requisitioning, work order notifications and other SAP functions. Provides support to the Planner/Scheduler function. ESSENTIAL FUNCTIONS This position requires that the incumbent work cooperatively with others; maintain regular, consistent, predictable attendance; and exercise good judgment. The following are specific essential duties, but are not limited to: Performs aqueduct, dam, and pipeline patrol work covering up to 75 miles of aqueduct daily by motor vehicle along dirt roads, and uneven terrain. Independently verifying check structure gate openings and California Aqueduct water levels, checking turnouts, obtaining flowmeter readings, and visually inspecting the aqueduct embankment for major problems to monitor and report to management. Responsible for the surveillance of the California Aqueduct, observing conditions of the various structures along the canal and noting changes, vandalism, storm damage, etc. Maintains contact with local contractors who might be working adjoining or crossing the canal, observing conditions that could involve a safety hazard or cause damage to aqueduct system. Notes equipment abnormalities, subsidence and reports it to Area Control Center (ACC). Maintains contact with ACC regarding flow changes and specific instructions and priorities. Regulates turnouts. Acts as a switch-person during repair and testing of equipment, insuring the safety of the personnel and equipment involved. Required to operate automotive vehicles on public roadways, travel to remote areas within the field division.			
SUPERVISOR'S STATEMENT: I HAVE DISCUSSED THE DUTIES OF THE POSITION WITH THE EMPLOYEE.				
SUPERVISOR'S NAME (Print) Marcos Moreno Jr.		SUPERVISOR'S SIGNATURE ➤		DATE
EMPLOYEE'S STATEMENT: I HAVE DISCUSSED WITH MY SUPERVISOR THE DUTIES OF THE POSITION AND HAVE RECEIVED A COPY OF THE DUTY STATEMENT.				
EMPLOYEE'S NAME (Print) Vacant		EMPLOYEE'S SIGNATURE ➤		DATE

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Water Resources Technician II		2630-3043-189	50002554	1
APPOINTEE		SAP PERSONNEL NO.	DIVISION/SECTION	
VACANT		TBD	SFD/Operations Branch/Water Operations Section	
Percent of Time	Activity			
30%	Independently performs work of stream gauging and weather station analysis. Calculates reservoir inflow/outflow quantities. Maintains record of natural inflow in order to satisfy downstream water rights. These records must meet United States Geological Survey's standards. Provides backup in posting and computation of daily water deliveries, receives and process water orders and maintains files on turnout activities. Apply correction factors to meter readings. Enters water orders data into the computer. Prepares daily turnout gate schedule and relays information to field personnel, all requiring extensive computer programming.			
10%	Independently perform flow measurements and flow meter calibrations at turnouts on both open channel and closed pipe systems. Performs preventive maintenance, such as checking oil and fluid levels and testing operation of Stand By generators. This work also includes maintenance on flow meters which includes routine flushing and calibration and other technical testing. Performs other services on various equipment at check structures and turnouts, such as Stand By generators, gates, hydraulic systems, and flow-meters.			
10%	Trains personnel in performing duties of aqueduct patrol, collecting basic data, water measurement and stream gauging, maintenance, repairs, and calibration of water measuring devices. Performs emergency earthquake inspections on major portions of the State Water Project system. Performs water quality sampling and testing at various points along the aqueduct, maintains water quality test equipment, and chemically treats aqueduct water as required. Responsible for the over site of contractors diving within our facility and performs the duties of Dive Site Representative.			
5%	Performs complex and difficult non-professional engineering functions both in the field and office involving transportation, distribution of water, and storage of water, surveying and surveillance. Must be able to exercise good judgment in analyzing work situations and make sound conclusions on issues that may arise during inspections. Perform difficult inspections of major structures, pipeline, gate structures and mechanical features, surveys staff gauges and benchmarks to meet FERC compliance obligations. Also acts as a member of survey party when necessary. SPECIAL REQUIREMENTS 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. Must have a valid California Class C license as incumbent will be required to operate automotive vehicles on public roadways, travel to remote areas within the field division is necessary to perform the requirements of this position. Performs safe vehicle operations in possible adverse weather conditions to support water operations functions.			

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<i>Percent of Time</i>	<i>Activity</i>			
	This position requires working alone on weekends and holiday assignment, demanding conditions under flood emergencies and other water delivery emergencies. Willingness to work mandatory overtime and work irregular hours in times of emergency. Strength and ability to push, pull, or move a minimum of 50 lbs.; strength and endurance to perform a current meter measurement by wading or bridge crane; ascend/descend stairs; climb 80 foot ladders, enter and exit manholes and meter vaults while carrying small tools; open/close tight valves; ability to bend and stoop in the performance of their duties; ascend/descend aqueduct slopes, dam faces, and embankments during inspections; ride or utilize electric bicycle in remote areas. This is a Sensitive Position and is subject to substance abuse testing set forth in California Department of Human Resources (Cal-HR) Regulations 599.960-599.966. Required to attend the Division's OP-2 class and be certified as a worker and/or switch person, in compliance with State Water Project regulations. Employees who are assigned as part of their duties to keep plants in compliance with water treatment standards, shall possess and maintain all licenses/certificates of the appropriate grade and type required. Employees who are required to possess such licenses/certificates shall receive a 5% differential each month as calculated at the maximum of each class. Must be able to speak clearly and be understood by phone and car radio communications. Employee is required to successfully complete all safety training related to the functions of the job. Overtime may be required, based on work needs. This position is not eligible for telework. OTHER RESPONSIBILITIES: 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, State Water Project, 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 the California Office of Emergency Services and Federal Emergency Management Agency 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.			

JOB DESCRIPTION AND POSITION CLASSIFICATION

CLASSIFICATION Water Resources Technician I		DWR POSITION NUMBER 2630-3044-X8X	SAP POSITION NUMBER 50002554	MCR 1
APPOINTEE VACANT		SAP PERSONNEL NO. TBD	DIVISION/SECTION SFD/Operations Branch/Water Operations Section	
COLLECTIVE BARGAINING IDENTIFIER Management Related BU: ☐ Supervisory Related BU: ☐ Confidential Related BU: ☐ Rank and File BU: ☐				
RESPONSIBILITIES EXERCISED ☐ Supervisory ☐ Lead Person		IMMEDIATE SUPERVISOR (Print) Marcos Moreno Jr.	SUPERVISOR'S CLASSIFICATION Water Services Supervisor	
APPROVED BY (Personnel Analyst's Name) Jennifer Greathouse			DATE 7-28-26	
<i>Percent of Time</i>	<i>Activity</i>			
45%	POSITION SUMMARY Under the supervision of the Water Services Supervisor, this position performs a wide variety of less complex and difficult, nonprofessional engineering and water operation duties associated with the transportation, generation and delivery of water, as well as power generation operations for the Southern Field Division. Provides support to the Planner/Scheduler function. ESSENTIAL FUNCTIONS This position requires that the incumbent work cooperatively with others, adjust priorities based on operational needs, maintain regular, consistent, predictable attendance, and exercise good judgment. The specific essential duties are but not limited to, to the following: Performs aqueduct, dam, and pipeline surveillance covering up to 75 miles of aqueduct daily, verifying check structure gate openings and water levels, checking turnouts and obtaining flow meter readings, and visually inspecting the aqueduct, equipment, and embankment for problems. Performs minor maintenance activities at Aqueduct check sites and turnouts as required. Also notes equipment abnormalities and subsidence, and reports same to Area Control Center (ACC). Maintains contact with ACC regarding flow changes and specific instructions and priorities. Also regulates turnouts. Acts as switch-person during repair and testing of equipment, insuring the safety of the personnel and equipment involved. Maintains contact with local contractors who might be working adjoining or crossing the canal observing conditions that could involve a safety hazard or cause damage to the aqueduct system. Incumbent will be required to operate automotive vehicles on public roadways, travel to remote areas.			
SUPERVISOR'S STATEMENT: I HAVE DISCUSSED THE DUTIES OF THE POSITION WITH THE EMPLOYEE.				
SUPERVISOR'S NAME (Print) Marcos Moreno Jr.		SUPERVISOR'S SIGNATURE ➤		DATE
EMPLOYEE'S STATEMENT: I HAVE DISCUSSED WITH MY SUPERVISOR THE DUTIES OF THE POSITION AND HAVE RECEIVED A COPY OF THE DUTY STATEMENT.				
EMPLOYEE'S NAME (Print) VACANT		EMPLOYEE'S SIGNATURE ➤		DATE

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APPOINTEE		SAP PERSONNEL NO.	DIVISION/SECTION		
VACANT		TBD	SFD/Operations Branch/Water Operations Section		
Percent of Time	Activity				
35%	Performs flow measurements and flow meter calibrations at turnouts on both open channel and closed pipe systems. Performs preventive maintenance, such as checking oil and fluid levels and testing operation of Stand By generators. This work also includes maintenance on flow meters which includes routine flushing and calibration and other technical testing. Performs other services on various equipment at check structures and turnouts, such as Stand By generators, gates, hydraulic systems, and flow-meters. Performs work of stream gauging and weather station analysis. Maintains record of natural inflow in order to satisfy downstream water rights. These records must meet United States Geological Survey's standards. Provides back up in posting and computation of daily water deliveries, receives and process water orders and maintains files on turnout activities. Apply correction factors to meter readings. Enters water orders data into the computer. Prepares daily turnout gate schedules and relays information to field personnel.				
15%	Performs emergency earthquake inspections on major portions of the State Water Project system. Also acts as a member of survey party when necessary. Performs water quality sampling and testing at various points along the aqueduct, maintains water quality test equipment, and chemically treats aqueduct water as required. Monitors inspections, surveys staff gauges and benchmarks to meet FERC compliance obligations. Responsible for the oversight of contractors diving within our facility and performs the duties of Dive Site Representative.				
5%	Perform routine nonprofessional engineering functions in both the field and office involving transportation, distribution of water, and storage of water, surveying and surveillance. Assist with May perform administrative tasks in SAP such as time reports, program reports, requisitioning, work order notifications and other SAP functions.				
	SPECIAL REQUIREMENTS				
	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.				
	Must have a valid California Class C license as incumbent will be required to operate automotive vehicles on public roadways, travel to remote areas within the field division is necessary to perform the requirements of this position.				
	Performs safe vehicle operations in possible adverse weather conditions to support water operations functions.				
	This position requires working alone on weekends and holiday assignment, demanding conditions under flood emergencies and other water delivery emergencies. Willingness to work mandatory overtime and work irregular hours in times of emergency.				

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<i>Percent of Time</i>	<i>Activity</i>			
	Strength and ability to push, pull, or move a minimum of 50 lbs.; strength and endurance to perform a current meter measurement by wading or bridge crane; ascend/descend stairs; climb 80 foot ladders, enter and exit manholes and meter vaults while carrying small tools; open/close tight valves; ability to bend and stoop in the performance of their duties; ascend/descend aqueduct slopes, dam faces, and embankments during inspections; ride or utilize electric bicycle in remote areas. This is a Sensitive Position and is subject to substance abuse testing set forth in California Department of Human Resources (Cal-HR) Regulations 599.960-599.966. Required to attend the Division's OP-2 class and be certified as a worker and/or switch person, in compliance with State Water Project regulations. Employees who are assigned as part of their duties to keep plants in compliance with water treatment standards, shall possess and maintain all licenses/certificates of the appropriate grade and type required. Employees who are required to possess such licenses/certificates shall receive a 5% differential each month as calculated at the maximum of each class. Must be able to speak clearly and be understood by phone and car radio communications. Employee is required to successfully complete all safety training related to the functions of the job. Overtime may be required, based on work needs. This position is not eligible for telework. OTHER RESPONSIBILITIES: 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, State Water Project, 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 the California Office of Emergency Services and Federal Emergency Management Agency 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.			