THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

Board Report

Operations Groups

- **Operations Groups Monthly Activities Report for April 2026**

Summary

This monthly report for the Operations Groups provides updates to the General Manager's Business Plan and a summary of activities for April 2026 in the following key areas:

- Enhance Workforce Safety and Security
- Develop Workforce and Prepare Employees for New Opportunities
- Promote an Inclusive and Positive Workplace Culture
- Manage Business Operations, Budget, and Staffing
- Ensure Resilient and Reliable Operations
- Advance Pure Water Southern California
- Enhance Sustainability Practices at Facilities and within Operations
- Protect Source Waters
- Optimize Water Treatment and Distribution Operations
- Ensure Water Quality and Environmental Compliance
- Optimize Maintenance and Asset Management
- Support Capital Project Development and Implementation
- Enhance Emergency Preparedness and Response
- Ensure Power and Environmental Regulatory Compliance
- Engage in Legislative and Regulatory Processes
- Advance Education and Outreach Initiatives
- Engage with Member Agencies and Other Stakeholders on Technical Matters

Purpose

Informational by the Operations Groups on a summary of key activities and updates for the month of April 2026.

Attachments

Attachment 1: Detailed Report –Operations Groups' Monthly Activities for April 2026

Date of Report: May 11, 2026

Operations Groups

GM Business Plan Updates

GOAL: Develop a Biennial Budget that Meets Metropolitan's Needs

OUTCOME: Implement risk-informed capital investment planning to ensure reliable critical infrastructure

UPDATE: Staff are approximately 100 percent complete with the follow-up interviews with peer utilities that submitted a response to Metropolitan's asset management benchmarking survey. Staff are planning to complete a draft report with the findings by June 2026.

Staff are approximately 75 percent complete with a draft report containing an assessment and recommendations for incorporating climate adaptation into the Strategic Asset Management Plan. Routing of the internal draft for review has begun.

OUTCOME: Budget for enhanced mission-critical capabilities

UPDATE: As part of the Operations System Overview Study, the consultant proposed a draft strategy to Operations and Engineering staff for developing a system-level risk dashboard using the Middle Feeder as a pilot. The consultant will incorporate staff feedback.

Engineering and Operations staff met to initiate efforts for a programmatic valve replacement capital project. An Engineering project manager has been assigned, and a kickoff meeting is scheduled for May 2026.

GOAL: Execute CAMP4W Implementation Strategy to Integrate Climate Adaptation District-Wide

OUTCOME: Evaluate projects and programs using the CAMP4W assessment criteria

UPDATE: Operations staff is in the process of completing three project assessments that will be presented at the May CAMP4W meeting.

Operations Groups

GOAL: Complete EIR and Planning, for Board to Consider Pure Water Southern California

OUTCOME: Prepare for possible implementation through contractor outreach and water quality research

UPDATE: The Napolitano Innovation Center demonstration plant continues to operate in a nitrifying, tertiary MBR mode in preparation for future testing.

To address the presence of snails within the treatment process, staff completed a chemical clean-in-place on one of the membrane bioreactor systems.

Quarterly and monthly sampling was completed to monitor water quality and treatment efficacy throughout the treatment process.

Facility improvements included repairing a potable water line and lighting upgrades in the Learning Center and operations trailers.

GOAL: Achieve Equitable Supply Reliability for State Water Project Dependent Areas

OUTCOME: Evaluate further potential investments toward addressing State Water Project Dependent Areas

UPDATE: Operations staff continue to analyze future drought sequences and identify potential vulnerabilities to State Water Project (SWP)-dependent areas.

GOAL: Provide Organizational Stability and Deliver Operational Excellence

OUTCOME: Maintain excellence in daily operations and reliability

UPDATE: The Invasive Mussel Task Force continued planning, design, and procurement for mussel control measures at multiple locations throughout Metropolitan's system.

Staff presented on Metropolitan's invasive mussel response and participated in a panel discussion at the California-Nevada AWWA Water Conference of the West in San Diego, April 6–9.

A Member Agency Water Quality Managers Meeting on golden mussels was held at the Water Quality Laboratory on April 23, featuring presentations by staff from Metropolitan, Department of Water Resources, and California Department of Fish and Wildlife.

Water continues to be managed according to Water Surplus and Drought Management (WSDM) principles and operational objectives according to the Annual Operating Plan, with an emphasis to position SWP supplies to meet future demands in the SWP-dependent areas.

Operations Groups

The Metropolitan Water District of Southern California

Monthly Operations At-A-Glance

April 2026

30-day window: March 16–April 15

Distribution

** denotes change compared to previous 30-Day period*

30-Day Member Agency Deliveries

3,180 AF/Day

Change in Deliveries*

▲ **950 AF/Day**

Recorded March Deliveries to Member Agencies
Consumptive and Replenishment

86 TAF

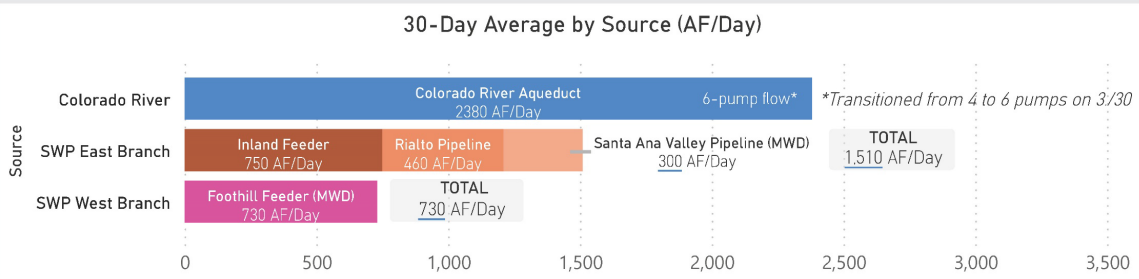
Forecast April Deliveries to Member Agencies
Consumptive and Replenishment

110 TAF

Recorded March Deliveries utilizing water programs
(CYC, RCYC, CUP, CCOP)

8 TAF

Supply



Storage

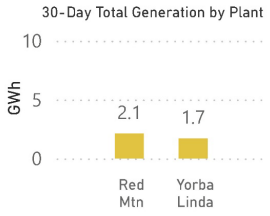
Data as of April 15, 2026

Lake Mathews	Lake Skinner	Diamond Valley Lake
152,500 AF	38,600 AF	787,100 AF
▼ -4,590 AF*	▲ 810 AF*	▲ 7,940 AF*
86%	86%	96%

Hydropower

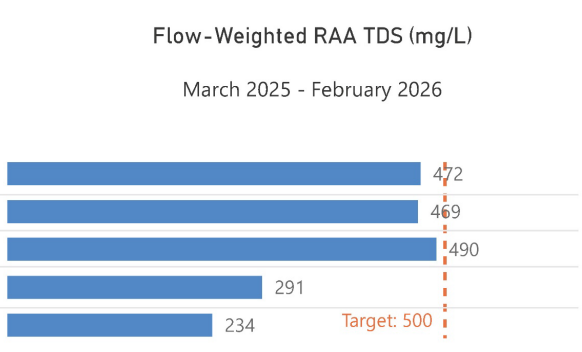
30-Day Total Generation:
3.8 GWh

30-Day Average Power:
5.2 MW



Water Quality

Plant Name	Targeted Blend (% SPW) As of 4/15/2026	Current TDS (mg/L) As of 4/15/2026	TTHMs (µg/L) As of 3/16/2026
Weymouth	0%	601	22.0
Diemer	0%	560	22.0
Skinner	0%	480	21.0
Jensen	100%	285	12.0
Mills	100%	218	28.0



TDS = Total Dissolved Solids TTHM = Total Trihalomethanes RAA = Running Annual Average

Operations Groups

Operations Groups Business Plan Strategic Priorities & Objectives

Strategic Priority #1: EMPOWER

Enhance Workforce Safety and Security

A safety concern was identified at the La Verne facility, with an uneven paver surface posing a trip hazard. Staff demolished the paver hardscaping, prepared the subgrade, and placed concrete to replace the pavers.

Staff removing pavers within a walkway at the La Verne facility

Develop Workforce and Prepare Employees for New Opportunities

The Desert Section welcomed a new class of eight electrical and mechanical apprentices that will be stationed at Gene, Eagle Mountain, and Hinds pump plants.

New Desert Apprentice Class at DVL Apprentice Center

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Promote an Inclusive and Positive Workplace Culture

Staff from Gene attended an all-hands meeting with JR Rhoads, Conveyance and Distribution Group Manager. Discussion topics included Metropolitan's business plan, staffing levels, recruitment, future of the Desert operations, and open questions.

Desert All-Hands Meeting with Group Manager

Strategic Priority #2: SUSTAIN

Manage Business Operations, Budget, and Staffing

The Business Management Team continues to partner with Operations Groups managers and Finance to finalize the FY 2027/28 biennium budget, including staffing alignment following Board approval, while also coordinating completion of FY 2026 non-fleet operating equipment purchases ahead of fiscal year-end. The 3rd Quarter KPI dashboard, issued in April, provides metrics across operations, financials, water quality, safety, and reliability to support performance tracking and strategic alignment. Planning is also underway for the May Operations Groups Managers All-Hands Meeting, focused on aligning priorities and reinforcing coordination across teams.

Operations Groups

Strategic Priority #3: ADAPT

Ensure Resilient and Reliable Operations

Metropolitan member agency water deliveries are projected to be 111,700 acre-feet (AF) for April with an average of 3,720 AF per day, which is about 1,080 AF per day higher than in March. Treated water deliveries were 2,500 higher than in March for a total of 51,000 AF, or 46 percent of total deliveries for the month. The Colorado River Aqueduct (CRA) projected diversions are 82,800 AF in April. SWP imports averaged 1,330 AF per day, totaling about 40,000 AF for the month. The target SWP blend is 0 percent at the Weymouth, Diemer, and Skinner plants. SWP blends decreased to 0 percent in early April to help preserve carryover storage with the drier hydrologic conditions in March.

With the end of 2025 marking another record storage level of over 3.8 million AF, Metropolitan has sufficient imported supplies and storage to meet demands in 2026. Water continues to be managed according to WSDM principles and operational objectives with an emphasis on positioning SWP supplies to meet future demands in the SWP-dependent area. On January 29, 2026, DWR increased the SWP Project allocation to 30 percent. Metropolitan is managing the use of Table A and carryover supplies to guard against potential drought conditions as well as carryover spill.

Advance Pure Water Southern California

In April, staff continued working with the Los Angeles County Sanitation District's staff to operate the tertiary membrane bioreactor (MBR) in optimized nitrification mode. Staff completed an emergency repair on a potable water line break and upgraded the overhead lighting inside the Learning Center and operations trailers. To address a snail infestation within the treatment process, one of the MBR units was cleaned with ammonia, and both MBR units were inspected for indications of snail damage. Staff also probed a reverse osmosis membrane in a second-stage pressure vessel and completed monthly and quarterly sample collection throughout the demonstration plant. In addition, staff participated in a DPR testing evaluation workshop on April 27.

Inspection of the membrane unit at the PWSC demonstration plant

Operations Groups

Repairing the MicroC carbon chemical injection system (left) and inspecting a reverse osmosis element (right) at the PWSC demonstration plant

Enhance Sustainability Practices at Facilities and Within Operations

As Metropolitan continues to transition to an electric vehicle fleet to reduce greenhouse gas emissions and operating costs, EV chargers to support the fleet are planned for each facility. At the Lake Mathews facility, the second electric vehicle charger installation was completed to support the C&D Coatings Team.

Staff installing a new electric vehicle charger base at Lake Mathews

Operations Groups

Strategic Priority #4: PROTECT

Protect Source Waters

On April 9, the Moab Uranium Mill Tailings Remedial Action (UMTRA) project celebrated the completion of removing 16 million tons of uranium mill tailings in the floodplain of the Colorado River near Moab, Utah. Metropolitan first advocated for cleanup action in the late 1990s, and in 2009, the U.S. Department of Energy (DOE) commissioned the UMTRA project and began moving tailings to a disposal cell 30 miles north of the Colorado River. A ceremony marking this significant milestone was attended by various stakeholders, including the Moab Mayor and City Council, Grand County officials, DOE, Congressional offices including former Congresswoman Grace F. Napolitano, and Metropolitan. Metropolitan was represented by Chairman Adán Ortega, Treatment and Water Quality Group Manager Mickey Chaudhuri, and Water Quality Engineer Mauricio Santos.

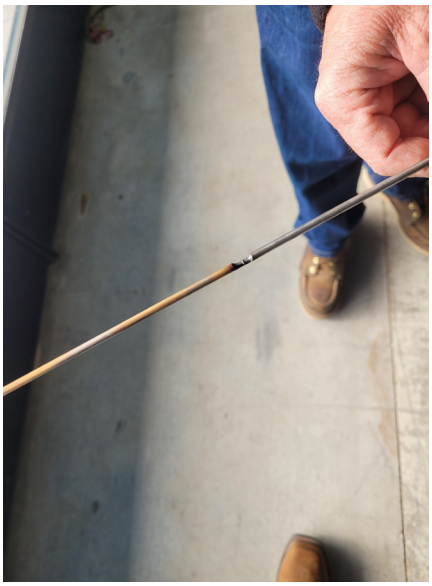
Staff joined former Congresswoman Grace Napolitano, the US DOE, and the City of Moab to mark the completion of the Moab uranium tailings cleanup

Optimize Water Treatment & Distribution Operations

The SWP target blend entering the Weymouth and Diemer plants, and entering Lake Skinner, decreased from 50 percent to zero percent in April 2026. Flow-weighted running annual averages for total dissolved solids from March 2025 through February 2026 for Metropolitan's treatment plants capable of receiving a blend of supplies from the SWP and the CRA were 472 mg/L, 469 mg/L, and 490 mg/L for the Weymouth, Diemer, and Skinner plants, respectively.

Metropolitan and contractor staff partnered to troubleshoot and repair electrical issues to an ozone generator at the Jensen plant. A compromised dielectric holding rod was identified, causing arcing inside the generator and resulting in premature shutdowns. Following the repair, the unit has been performing to specifications with no further issues.

Operations Groups

Jensen ozone generator opened for troubleshooting and inspection (left), and staff holding failed dielectric rod responsible for arcing (right)

Weymouth plant staff cleaned, inspected, and completed preventive maintenance on the solids thickeners. The thickeners play a critical role in the treatment process by removing solids from the backwash water, allowing the clear water to be reused, and minimizing water consumption. The solids are then processed to be either hauled off or discharged into the Los Angeles County sanitary sewer system. Proper maintenance of thickeners ensures operational efficiency and demonstrates responsible stewardship of our valuable water resources.


Thickener after cleaning (left) and staff cleaning thickeners (right) at Weymouth plant

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Metropolitan contracted to have four new 3,800-gallon chemical tanker trailers manufactured. These trailers are fabricated according to Metropolitan specifications and require inspection to ensure quality control and adherence to the design specification. Staff from the Mills plant, along with Engineering's Construction Management and Corrosion Engineering teams, performed the necessary inspections. Once the inner vessel passes inspection, work will continue to install the insulation, outer skin, and mountings to the trailer chassis. Upon delivery to the Chemical Unloading Facility, the trailers will be placed into operation and service to the water treatment plants.

Staff inspecting the inner vessel thickness of a chemical tank

Ensure Water Quality and Environmental Compliance

Metropolitan complied with all water quality regulations and primary drinking water standards during March 2026.

Optimize Maintenance and Asset Management

Staff responded to a leak in a potable water line at the Napolitano Innovation Center in Carson. Staff discovered a leak in the ¾-inch galvanized line that services potable water to the office trailer. Staff relocated the potable water feed line to the office trailer and abandoned the existing feed line, which has experienced multiple leaks.

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Staff installing a new potable water line for an office trailer at the Napolitano Innovation Center

Staff recently completed routine preventive maintenance on several large-diameter valves in the Central Pool distribution system. The valves, ranging in size from 36 to 48 inches, provide flow control and serve as isolation points during pipeline shutdowns.

Staff inspecting the interior of a valve during routine preventive maintenance

Staff successfully completed a three-day scheduled shutdown of the Irvine Cross Feeder to inspect the 42-inch prestressed concrete cylinder pipe. This shutdown was completed on schedule with no corrective maintenance identified on the mortar lining.

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Inspection team preparing for entry into the Irvine Cross Feeder (left) and ventilation setup to allow staff to inspect the feeder (right)

As an owner and operator of several dams, Metropolitan is regulated by the California Division of Safety of Dams. One component of dam maintenance is keeping vegetation from growing on or near the face of each dam. The safest and most effective way to control this vegetation is aerial application of herbicide by helicopter. Staff coordinate with a specialized contractor to complete aerial applications twice a year.

Aerial application for vegetation control at Diamond Valley Lake (left) and a helicopter approaching refill station in front of DVL's West Dam (right)

Staff machined a discharge valve piston ring for final assembly. This component will be utilized on the Gene Unit 1 Discharge Valve actuator that is currently being refurbished. As replacement parts are not available, many internal components for the actuator have been manufactured internally. This valve actuator refurbishment is anticipated to be complete later this year.

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Staff machining a discharge valve component at the Gene pumping plant

Staff routinely repair drainage channels and unpaved access roads to protect infrastructure and maintain access for maintenance. Following storm events, staff assess and address areas of erosion. This month, crews continued rebuilding grade protection along the CRA siphons, repairing damage from earlier storms this year.

Storm damage before repair (left) and staff repairing storm damage (right) in the Desert region

Staff are building a new concrete pad at the Iron Mountain dormitory in preparation for the installation of a new HVAC unit. The Iron Mountain dorm provides overnight accommodation to visiting staff at the pump plant. The dorm is currently shut down for installation of the new HVAC unit and for electrical upgrades. It is expected to reopen in May.

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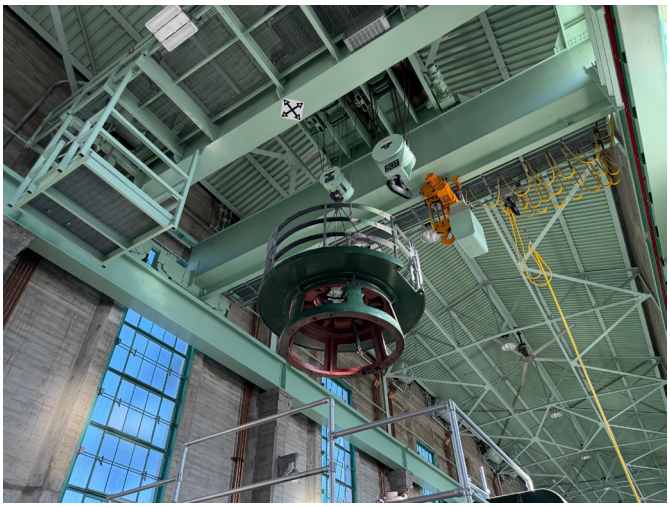
Staff building a concrete pad for new HVAC unit installation at the Iron Mountain dorm

Staff continued work on preventive maintenance of the Gene Unit 2 pump motor. The work included disassembling the rotor and stator for inspection, cleaning, and testing. Additional corrective repairs will be completed if necessary.



Gene Unit 2 disassembly and removal of the exciter housing

Operations Groups

Support Capital Project Development and Implementation

The Water Quality Laboratory upgrade project is in final design with an anticipated completion date in mid-2027. Once the project moves into the construction phase, Water Quality's operations will be housed in a temporary (interim) laboratory facility located on the La Verne site. A kickoff meeting for the design of the Interim Water Quality Laboratory was held on April 15, and an all-day planning workshop and site inspection was conducted on April 22.

Enhance Emergency Preparedness and Response

The La Verne Shops received a request to facilitate field application of regulatory aviation markings for the newly constructed Diemer Heli-pad and Heli-hydrant. Shop staff coordinated with the Diemer plant to procure the necessary stenciling and apply the appropriate UV-rated coating.

Site prep of concrete pad prior to coating application

Application of stencil (left) and completed weight/rotor diameter marking (right)

Operations Groups

Ground view (left) and overhead view (right) of completed markings for Diemer Heli-pad

Ensure Power and Environmental Regulatory Compliance

Staff at the Weymouth plant successfully upgraded the test point for the “air-gap” flowmeter, a critical component of our solids monitoring system. The existing circuit was outdated, with one of the flow recording points not operating optimally. Staff installed new, updated flow-capturing devices and replaced the existing wiring with a more modern, easier-to-understand standard. This upgrade enhances the accuracy and redundancy of the flow data and archives it in the SCADA system. It also ensures regulatory compliance with more accurate measurement of solids entering the sanitary sewer system.

Staff installing new wiring for flow-capturing device (left) and new flow-capturing device panel (right) for solids monitoring at Weymouth plant

Operations Groups

Strategic Priority #5: PARTNER

Engage in Legislative and Regulatory Processes

On March 3, the State Water Resources Control Board adopted a resolution outlining the Division of Drinking Water's (DDW) 2026 regulatory priorities, focused on Maximum Contaminant Level development, federal primacy, and Lead and Copper Rule (LCR) implementation. Key efforts include per- and polyfluoroalkyl substances (PFAS), N-nitrosodimethylamine (NDMA), disinfection byproducts (DBPs), 1,4-dioxane, arsenic, and metals, along with updates to Detection Limits for Purposes of Reporting (DLRs), notification and response levels, laboratory accreditation standards, and electronic reporting. Additional work includes primacy packages (PFAS, LCR, Consumer Confidence Report (CCR)), cross-connection control updates, and recycled water/Title 22 revisions. Key 2026 actions include LCR adoption (summer), PFAS rulemaking (fall), and multiple rulemaking notices and monitoring updates. Staff will continue to monitor and engage in these regulatory efforts.

On April 2, the California Air Resources Board (CARB) released official amendments for the 15-day comment period on the Advanced Clean Fleets (ACF) for State and Local Governments (SLG). These amendments include the extension of the 50 percent zero-emission vehicle (ZEV) purchase requirement to the end of 2029, an expansion of AB 1594 (Garcia, 2023) exemption flexibility to all SLG fleets, regardless of vehicle age, and early access to the new Fleet Resilience exemption once a fleet achieves five percent ZEVs. Additionally, updates were made to the ZEV Infrastructure Delay extension and the Daily Usage exemption.

On April 7, staff submitted a comment letter addressing several key issues: the need to expand the current 25 percent limit for Fleet Resilience internal combustion engine (ICE) vehicles based on utility-specific criteria, the creation of a working group to evaluate ZEV availability, the need for flexible timing for early/excess ZEV credits to align with SLG planning cycles, and the confirmation of CARB's interpretation of SLG ACF language related to hiring compliant fleets. In addition, due to an unpredictable ZEV market and concerns about the state's infrastructure readiness, staff asked CARB to conduct biennial reviews of the ACF starting in 2027, to provide enforcement discretion and reduce fleet risk.

On March 5, the Environmental Protection Agency (EPA) published a proposed rule to transition from paper to electronic hazardous waste manifests and sunset paper manifests 24 months after a final rule. Key provisions include full adoption of EPA's e-Manifest system, retention of hybrid manifest records for three years, and liability protection when the e-Manifest system is unavailable. Staff are preparing for full transition to the e-Manifest system and evaluating implementation issues related to manifest revisions, user registration scope, and facility account linkages. Public comments are due May 4, 2026, and staff will continue to monitor and participate in the rulemaking process.

Operations Groups

Advance Education and Outreach Initiatives

Staff attended the California-Nevada AWWA Water Conference of the West in San Diego on April 6–9. A full-day workshop on golden mussels was held on April 9, and Metropolitan staff gave the presentation "Metropolitan's Invasive Mussel Response" and participated in the workshop panel discussion.

Staff presenting and participating in the AWWA Water Conference of the West 2026 Golden Mussel Workshop

Engage with Member Agencies & Other Stakeholders on Technical Matters

On April 23, the Water Quality Laboratory hosted a hybrid Member Agency Water Quality Managers Meeting focused on golden mussels in the SWP with over 130 participants. Updates on the status of mussel invasion, response planning, mitigation, and control plans were provided by Metropolitan staff and representatives from the Department of Water Resources and California Department of Fish and Wildlife.

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Member Agency Water Quality Managers Meeting on golden mussels in the State Water Project