



NOTICE OF A REGULAR TAC MEETING

THE TECHNICAL ADVISORY COMMITTEE
OF THE
MARCH JOINT POWERS AUTHORITY

NOTICE IS HEREBY GIVEN
A REGULAR MEETING OF THE TECHNICAL ADVISORY COMMITTEE
OF THE MARCH JOINT POWERS AUTHORITY

WILL BE HELD ON

Monday, October 5, 2026 from 3:30 p.m. to 5:00 p.m.

MARCH JOINT POWERS AUTHORITY
Western Municipal Water District
Training Room
14205 Meridian Parkway
Riverside, CA 92518

I hereby certify that the foregoing notice is a full, true and correct copy of a notice that was sent to the following locations:

1. County of Riverside
County Administrative Center
4080 Lemon Street
Riverside, CA 92501

2. City of Perris
City Hall
101 North D Street
Perris, CA 92570

3. City of Riverside
City Hall
3900 Main Street
Riverside, CA 92501

4. City of Moreno Valley
City Hall
14177 Frederick Street
Moreno Valley, CA 92553

5. March Joint Powers Authority
Office
17405 Heacock Street
Moreno Valley, CA 92551

I hereby further certify that a copy of the foregoing notice was dispatched by me on October 2, 2026, to each member of the Technical Advisory Committee of the March Joint Powers Authority.

[Cindy Camargo](#)

Cindy Camargo, Secretary to the TAC

Regular Meeting
of the
TECHNICAL ADVISORY COMMITTEE (TAC)
of the
MARCH JOINT POWERS AUTHORITY

Monday, October 5, 2026 at 3:30 p.m.

MARCH JOINT POWERS AUTHORITY
Western Municipal Water District ~ Training Room
14205 Meridian Parkway
Riverside, CA 92518

AGENDA

1. Call to Order

2. Roll Call

3. Matters Subsequent to Posting Agenda

Approval of Agenda Additions or Corrections, as Necessary.

4. Approval of the Minutes of the TAC Meeting held on August 31, 2026 – Page 4

5. Public Comments

Any person may address the Technical Advisory Committee on any subject pertaining to March Joint Powers Authority, March Inland Port Airport Authority, Successor Agency/former March Joint Powers Redevelopment Agency, and March Joint Powers Utilities Authority business not listed on the Agenda during this portion of the Meeting. A limitation of three (3) minutes shall be set for each person desiring to address the Committee.

6. Reports, Discussions and Actions

A. Report/Discussion: Receive and file a report regarding rising groundwater conditions in the vicinity of March Air Reserve Base (March ARB) and March Inland Port Airport; and support the initiation of a March Regional Groundwater Working Group - Page 8
Eric Lehto, MARB Remedial Project Manager

**7. TAC representation and report at the next scheduled JPC Regular Meeting –
October 7, 2026, at 3:00pm, at Riverside County Administrative Center, Board Chambers**

8. Reports and comments from Staff or TAC members regarding activities in their jurisdictions

9. Adjournment

In accordance with Government Code section 65009, anyone wishing to challenge any action taken by the members appointed by the March Joint Powers Commission of the entity listed in this agenda above in court may be limited to raising only those issues raised at the public hearing described in the notice or raised in written correspondence delivered to the hearing body, at or prior to the public hearing. Any written correspondence submitted to one or more of the March JPA Commissioners regarding a matter on this Agenda shall be carbon copied to the Commission Clerk and the project planner, if applicable, at or prior to the meeting date first referenced above.

Copies of written documentation relating to each item of business described above are on file in the office of the March Joint Powers Authority (March JPA), 17405 Heacock Street, Moreno Valley, California and are available for public inspection during regular office hours which are 8:00 a.m. to 5:30 p.m., Monday through Thursday, Friday 8:00 a.m. to 4:30 p.m. Written materials distributed to the March Joint Powers Technical Advisory Committee (TAC) within 72 hours of the TAC meeting are available for public inspection immediately upon distribution in the March JPA office at 17405 Heacock Street, Moreno Valley, California (Government Code Section 54957.5(b)(2)). Copies of written materials may be purchased for \$0.20 per page. Pursuant to State law, this agenda was posted at least 72 hours prior to the meeting.

I hereby certify under penalty of perjury, under the laws of the State of California, that the foregoing agenda was posted in accordance with the applicable legal requirements.

Dated: October 2, 2026

Signed: Cindy Camargo
Cindy Camargo, Secretary
MJPA Technical Advisory Committee

ADA: If you require special accommodations during your attendance at a meeting, please contact the March JPA at (951) 656-7000 at least 24 hours in advance of the meeting time.

**March Joint Powers Authority
17405 Heacock Street, Moreno Valley, CA 92551
Phone: (951) 656-7000 Website: www.MarchJPA.com**

Regular Meeting
of the
TECHNICAL ADVISORY COMMITTEE (TAC)
of the
MARCH JOINT POWERS AUTHORITY

Monday, August 31, 2026 at 3:30 p.m.

MARCH JOINT POWERS AUTHORITY
Western Municipal Water District ~ Training Room
14205 Meridian Parkway
Riverside, CA 92518

MINUTES

Present: Kenneth Phung, City of Perris, Acting Chair
Gilbert Hernandez, City of Riverside
Sean Kelleher, City of Moreno Valley
Charissa Leach, County of Riverside

Absent: Tisa Rodriguez, Congressman Takano's Office

Others in Attendance:

Dr. Grace Martin, March JPA
Jeremy Holm, BB&K
Ms. Amee Howard, MARB
Eric Lehto, MARB

Cindy Camargo, March JPA
Carlos Orellana, March JPA
Simon Housman, County of Riverside

1. Call to Order

Acting Chair Kenneth Phung called the meeting to order at 3:30 p.m.

2. Roll Call

Present: Hernandez, Kelleher, Phung, Alt Member Leach

Absent: Chair Rodriguez

3. Matters Subsequent to Posting Agenda

Approval of Agenda Additions or Corrections, as Necessary.

None.

4. Approval of the Minutes of the TAC Meeting held on May 4, 2026 – Page 4

June 1st and August 3rd, 2026 TAC meetings cancelled.

Motion to approve: Kelleher
Second: Hernandez
Ayes: Hernandez, Kelleher, Phung
Noes: None
Abstain: Alt Member Leach

5. Public Comments

Any person may address the Technical Advisory Committee on any subject pertaining to March Joint Powers Authority, March Inland Port Airport Authority, Successor Agency/former March Joint Powers Redevelopment Agency, and March Joint Powers Utilities Authority business not listed on the Agenda during this portion of the Meeting. A limitation of three (3) minutes shall be set for each person desiring to address the Committee.

None.

6. Reports, Discussions and Actions

- A. Report/Discussion: Receive and file a briefing for the 2026 Washington, DC Legislative trip
Dr. Grace Martin, Chief Executive Officer

Dr. Martin provided a presentation and briefing for 2026 Washington, DC Legislative trip, which occurred in April.

No public comment(s) on this item.

This item is received and filed.

- B. Report/Discussion: Receive and file a briefing for the 2026 Association of Defense Communities 50 (ADC50) Summit trip
Dr. Grace Martin, Chief Executive Officer

Dr. Martin provided a presentation and briefing for 2026 Association of Defense Communities 50 (ADC50) Summit trip, which occurred in May.

No public comment(s) on this item.

This item is received and filed.

- C. Report/Discussion: Receive and file a briefing of March Inland Port Airport Projects
Carlos Orellana, Airport Operations Coordinator

Mr. Orellana provided a presentation and briefing for March Inland Port Airport Projects.

- RSO Aviation Hangar Project
- Fuel Farm Expansion Project
- RIV Rapid Refuel Proposal
- Metrea Headquarters Relocation Update
- Master Drainage Plan
- Perris Valley Lateral B, Stage 6 Project

No public comment(s) on this item.

This item is received and filed.

- D. Report/Discussion: Receive and file a briefing for the OLDCC Tabletop Exercise (TTX)
Jack Gaul, Converge Strategies and Team

Mr. Jack Gaul, Converge Strategies and Team provided a presentation and briefing for the Tabletop Exercise (TTX) which occurred in June.

The main focus in energy resiliency included electric and natural gas infrastructures. Finding vulnerabilities and finding new ways to mitigate them are key in the study. Stakeholder interviews were completed prior to the TTX. MIPAA, MARB, SoCal Edison among others provided presentations.

Three cascading regional outage scenarios were done.

Four projects were recommended from the TTX.

Project 1: MIPAA Backup Generation

Project 2: Distribution/Sub-transmission Upgrade

Project 3: MARB – MIPAA Distribution Intertie

Project 4: MARB – MIPAA Multi-Customer Microgrid

No public comment(s) for this item.

This item is received and filed.

E. Report/Discussion: Receive and file a briefing for the March ARB/Inland Port ALUCP 2026 Amendment

Simon Housman, Project Director

Mr. Simon Housman, Riverside County Project Director provided a presentation and briefing for the March ARB/Inland Port ALUCP 2026 Amendment.

Timeline included:

2005 Air Installation Compatible Use Zone (AICUZ)

2014 ALUCP (Updated from 1984 plan.)

2018 AICUZ

2023 March ARB/IPA Compatible Use Study (MCUS)

2024 Airport Master Plan and 2025 Airport Layout Plan

2026 ALUCP Amendment (Amendment due to 2018 AICUZ revision.)

Mr. Housman displayed a map of the airport influence area. Mr. Housman explained the various zones and what the restrictions are for them. An airport is an industrial use.

Proposed changes to ALCUP include, but are not limited to, the following:

Add compatibility zones for secondary runway 12/30; reduce single-acre intensity criteria for APZ I and APZ II portions of Zone B1 for all runway ends to match USAF requirements

Add Boundary Observation Clear Zone (BOCZ); apply ALUC solar glare hazard analysis criteria; and clarify other airspace protection and hazards to flight

What is next:

Completion of the CEQA Addendum to the Certified 2014 EIR

Adoption of the ALUCP Amendment by the ALUC

Local jurisdictions would amend their General Plans and Zoning Ordinances as necessary for consistency with Amended ALUCP

ALUC investigated the March Compatible Use Study (MCUS) for both solar and groundwater however it is not within the scope of the ALUCP itself, which is a planning tool.

No public comment(s) for this item.

Mr. Eric Lehto, March ARB Remedial Project Manager, provided a briefing on groundwater concerns at MARB. This item will be brought back to the TAC for further discussion.

**7. TAC representation and report at the next scheduled JPC Regular Meeting –
September 2, 2026, at 3:00pm, at Riverside County Administrative Center, Board
Chambers**

TAC Member Charissa Leach will provide the update.

**8. Reports and comments from Staff or TAC members regarding activities in their
jurisdictions**

None.

9. Adjournment

This meeting adjourned at 5:18 p.m.

**March Joint Powers Authority
17405 Heacock Street, Moreno Valley, CA 92551
Phone: (951) 656-7000 Website: www.MarchJPA.com**

**MARCH JOINT POWERS AUTHORITY
TECHNICAL ADVISORY COMMITTEE
OF THE
MARCH INLAND PORT AIRPORT AUTHORITY**

***Reports, Discussion and Action
Agenda Item No. 6.A***

Meeting Date: October 5, 2026

Subject: Receive and file a report regarding rising groundwater conditions in the vicinity of March Air Reserve Base (March ARB) and March Inland Port Airport; and support the initiation of a March Regional Groundwater Working Group

Applicant: None

Background

Rising groundwater levels in the March ARB area continue to present a significant regional infrastructure challenge. The issue is particularly important because March ARB and March Inland Port Airport comprise a major joint-use aviation facility where runways, taxiways, aircraft aprons, drainage systems, utilities, and other aviation-support infrastructure can be affected by elevated groundwater conditions.

The issue is not new. Previous regional studies and agency efforts have identified high and rising groundwater levels in and around March ARB and evaluated groundwater extraction as a potential means of lowering the local groundwater table while creating an additional local water supply. Eastern Municipal Water District (EMWD) has advanced its Perris North Groundwater Program, which includes groundwater production, treatment, conveyance, and monitoring facilities and is intended, among other benefits, to help address rising groundwater conditions in the March ARB area. At the same time, legacy contamination, including per- and polyfluoroalkyl substances (PFAS), affects regional groundwater quality. EMWD has reported PFAS impacts in groundwater wells near March ARB and has pursued treatment projects and coordinated with federal partners regarding those impacts. These conditions complicate the use of groundwater extraction as a regional response to rising groundwater because water removed to lower groundwater levels may require treatment before it can be beneficially reused or discharged.

Given the persistence and regional nature of the issue, Authority staff proposes convening a groundwater working group to develop a coordinated understanding of existing conditions, evaluate potential solutions, identify funding opportunities, and establish a framework for long-term regional groundwater management.

March Air Reserve Base and Joint-Use Aviation Facilities

March ARB is a major military installation in Riverside County that operates in conjunction with March Inland Port Airport and supports both military and civilian aviation activity.

The Riverside County March Air Reserve Base Compatible Use Study identified rising groundwater conditions as a regional concern because they can increase flooding potential and affect infrastructure, development, and installation operations. (Source: [Our Projects | Office of Local Defense Community Cooperation](#))

High groundwater conditions can create challenges for aviation and other infrastructure by reducing available subsurface storage, increasing soil saturation, contributing to seepage and drainage constraints, and increasing the potential for localized flooding. In an airport environment, these conditions warrant particular attention because reliable operation of runways, taxiways, aprons, drainage facilities, utilities, and related infrastructure depends on maintaining appropriate subsurface and surface-water conditions.

The concern is therefore broader than a conventional water-supply issue. It implicates aviation, environmental, water-management, and regional coordination interests.

EMWD'S Efforts to Address Rising Groundwater

EMWD has been engaged in evaluating and addressing groundwater conditions in the Perris North Groundwater Basin and the March ARB area for several years.

In response to concerns regarding high and rising groundwater levels at March ARB, EMWD previously conducted groundwater modeling, water characterization, and infrastructure assessments to evaluate potential groundwater production around the base. The resulting feasibility work indicated that groundwater extraction could lower groundwater levels beneath the installation while creating a local water supply. The concept contemplated treatment of extracted groundwater before beneficial use.

EMWD and Western Municipal Water District (WMWD) subsequently entered into an interagency agreement associated with EMWD's Perris North Groundwater Program. The program includes groundwater production wells, treatment facilities, blending stations, conveyance pipelines, and monitoring wells. The agencies identified the program as improving regional water-supply reliability, with an added benefit of helping address rising groundwater levels in the March ARB area.

EMWD's current Perris North Groundwater Program remains under construction. As of September 2026, EMWD reported ongoing construction of the Well 206 and 207 groundwater treatment facility, with completion anticipated early 2027. The program illustrates how groundwater production and treatment may advance multiple regional objectives: reducing groundwater impacts, improving groundwater quality, developing local water supplies, and increasing water-supply reliability.

However, the regional concern regarding rising groundwater extends beyond any single water-supply project. A broader regional approach is needed to understand groundwater levels and movement, identify the areas where groundwater is creating the greatest infrastructure risk, and

evaluate how existing and future groundwater production could be coordinated with airport, flood-control, environmental, and water-supply objectives.

PFAS: A Significant Complicating Factor

One of the challenges in managing rising groundwater is contamination from PFAS, including known or suspected PFAS releases at the former March Air Force Base and March ARB. The U.S. Environmental Protection Agency (EPA) identifies the former March Air Force Base as a Superfund site, where activities such as aircraft maintenance, refueling, and training contaminated soil and groundwater. Certain legacy contaminants have migrated beyond the installation, and ongoing cleanup efforts include groundwater monitoring and containment. (Source: [MARCH AIR FORCE BASE | Superfund Site Profile | Superfund Site Information | US EPA](#))

California's State Water Resources Control Board identifies March AFB and March ARB as military sites with known or suspected PFAS releases. (Source: [PFAS Military | California State Water Resources Control Board](#)) EMWD has reported PFAS impacts to several groundwater wells near March ARB and pursued treatment projects and coordination with federal partners.

This creates two related challenges for the region. Groundwater levels need to be managed to protect infrastructure and airport operations, while groundwater contamination must be characterized and addressed so that extracted water can be treated for its intended use or otherwise lawfully managed. As a result, groundwater management and PFAS cleanup need to be considered together.

Regional Challenge

The current circumstances demonstrate why the March ARB groundwater issue should be considered a regional groundwater-management problem rather than an individual facility problem.

Groundwater does not recognize jurisdictional boundaries. The groundwater system underlying March ARB, March Inland Port Airport, surrounding communities, and neighboring water-agency service areas are interconnected. Actions taken in one portion of the basin can affect groundwater elevations, groundwater quality, infrastructure, water rights, treatment requirements, and environmental conditions elsewhere.

A coordinated approach could allow participating agencies to evaluate groundwater conditions; infrastructure vulnerability; groundwater extraction opportunities; PFAS and other water-quality constraints; beneficial use of extracted groundwater; and flood-control integration.

Proposed Rising Groundwater Working Group

Authority staff proposes convening a March Regional Groundwater Working Group as a forum for coordinated technical and policy discussions.

Potential participants could include:

- JPA Member Agencies (Riverside County; Moreno Valley; Perris; Riverside)
- March Air Reserve Base;
- March Inland Port Airport;

- Eastern Municipal Water District;
- Western Municipal Water District;
- Riverside County Flood Control and Water Conservation District;
- Riverside County Airport Land Use Commission;
- U.S. Air Force Civil Engineer Center (AFCEC)
- Army Corp. of Engineers;
- U.S. Environmental Protection Agency;
- California State Water Resources Control Board;
- California Department of Water Resources;
- other groundwater users and stakeholders; and
- technical advisors, as appropriate.

The working group would not replace the regulatory authority or responsibilities of any participating agency. Rather, it would provide a structured forum for sharing data, coordinating projects, identifying gaps, and developing solutions that cross jurisdictional boundaries.

Funding and Fiscal Considerations

At this stage, formation of the working group is expected to require primarily staff coordination and participation by the member agencies. Any future technical studies, engineering designs, groundwater extraction facilities, treatment facilities, monitoring programs, or other capital improvements would require separate evaluation and funding authorization.

If the Technical Advisory Committee supports the proposed working group, staff recommends the following initial steps:

1. Establish a working group through the Technical Advisory Committee.
2. Convene an initial technical meeting to identify existing groundwater studies, monitoring data, models, and infrastructure information.
3. Prepare a preliminary map of groundwater elevations, known PFAS impacts, airport infrastructure, groundwater wells, and relevant flood-control facilities.
4. Develop a shared statement of the regional problem and desired outcomes.
5. Identify near-term actions that could reduce infrastructure risk while longer-term solutions are evaluated.
6. Identify federal, state, and local funding opportunities.
7. Develop a scope for a regional groundwater technical study, if additional modeling or engineering analysis is necessary.
8. Return to the TAC with recommendations for a formal governance structure, work plan, funding strategy, and schedule.

Rising groundwater around March Air Reserve Base and March Inland Port Airport is a continuing regional infrastructure concern. Previous studies and EMWD's Perris North Groundwater Program demonstrate that groundwater production and treatment may provide opportunities to both manage groundwater levels and develop beneficial local water supplies.

The proposed group can bring together the agencies responsible for aviation operations, water supply, groundwater management, flood control, environmental regulation, and military infrastructure to develop a coordinated strategy for protecting critical infrastructure while addressing groundwater quality and identifying opportunities for beneficial use of the region's groundwater resources.

Presenting additional background information on this matter is Eric Lehto, MARB Remedial Project Manager.

Recommendation

Staff recommends that the TAC:

1. Receive and file this report regarding rising groundwater conditions in the vicinity of March Air Reserve Base (March ARB) and March Inland Port Airport;
2. Support the initiation of a March Regional Groundwater Working Group to bring together March ARB, March Inland Port Airport, Eastern Municipal Water District (EMWD), Western Municipal Water District, Riverside County, Riverside County Flood Control and Water Conservation District, and other appropriate federal, state, regional, and local stakeholders from surrounding communities; and
3. Request that staff return to the TAC with proposed working-group membership, governance, scope of work, and an initial work program focused on identifying technically feasible, environmentally responsible, and financially sustainable solutions.

Attachment(s): None.