

ECV CSC AGENDA

May 7, 2026 / *7 de mayo de 2026*

Welcome and Roll Call
Bienvenida y Pasar Lista



CSC Roundtable
Mesa Redonda del CSC



CERP Highlights
Lo Más Destacado de CERP



Working Team Updates
Actualizaciones de los Equipos de Trabajo



ECV CSC Opportunities
Oportunidades del CSC



Next Steps
Los Sigüientes Pasos



Public Comment
Comentario Público



Adjournment
Fin de la Reunión



ITEM I

**Welcome
&
Roll Call**

**Bienvenida
y
Pasar Lista**

ITEM 2

CSC
Roundtable

Mesa
Redonda del
CSC

ITEM 3

**CERP
Implementation
Highlights**

**Aspectos
Destacados De La
Implementación
Del CERP**

COUNTY OF RIVERSIDE

ECV PAVING PROJECTS

Quarterly Update

Transportation &
Land Management
Agency (TLMA)




May 7, 2026

1




WHY IT MATTERS

Cleaner air. Healthier communities. That's the goal.



AB 617
A state law focused on improving air quality in communities most impacted by pollution.



CERP OBJECTIVE
Fugitive Road Dust and Off-Road
Chapter 5D,
Objectives 02A & 02B

Goal
Reduce emissions from fugitive road dust and off-roading.

PROJECT OVERVIEW



AUGUST 1, 2025

South Coast AQMID Governing Board approved a proposal to partner with the County of Riverside through a Memorandum of Understanding (MOU).



MARCH 24, 2026

The County of Riverside Board approved an MOU with South Coast AQMID to design and construct asphalt concrete paving on selected mobile home parks.

MOU OUTLINE



THREE LISTS OF SITES

- Core Projects (14 sites)
- Tribal Land Projects (12 sites)
- Additional Projects (8 sites)



THREE PHASES

- Design (includes vetting – Fall 2026)
- Construction (includes bid & award) Winter 2026 – Spring 2027
- Maintenance – Summer 2027 to Summer 2032

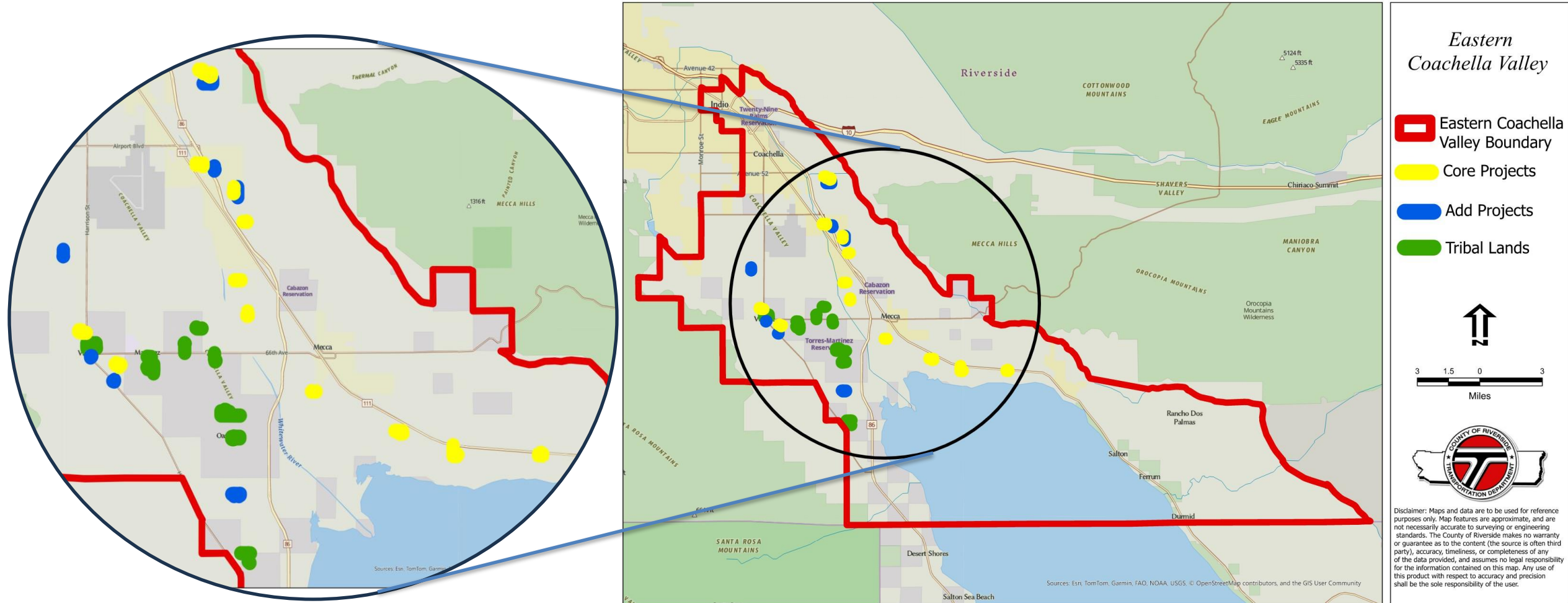


FUNDING

- Initial funding: \$4.57 for Core Projects
- Additional \$9M for Tribal Land Projects and Additional Projects yet to be secured



PROJECT LOCATIONS



SITE VETTING

Before design begins, each site must:



Have a valid Mobile Home Park Permit in good standing



Be free or clearable of Riverside County Code violations



Have property taxes current and in good standing



Be feasibly constructable



PROJECT TIMELINE

DESIGN

(includes vetting)



Fall 2026

CONSTRUCTION

(includes bid & award)



Winter 2026 –
Spring 2027

MAINTENANCE

(5 YEARS)



Summer 2027 –
Summer 2032

FUNDING SUMMARY

\$4.57 MILLION

**Core Projects
(14 Sites)**



\$9 MILLION*

**Tribal Land Projects
(12 Sites)
& Additional Projects
(8 Sites)**



Total Investment: \$13.57 Million*

*** \$9M is unsecured**

WHAT'S NEXT



**Complete site vetting
and finalize designs**



**Bid and award
construction contracts**



**Begin construction
Winter 2026**



**Provide ongoing maintenance
through Summer 2032**



***Working together
for cleaner air and
a healthier Eastern
Coachella Valley.***





QUESTIONS?

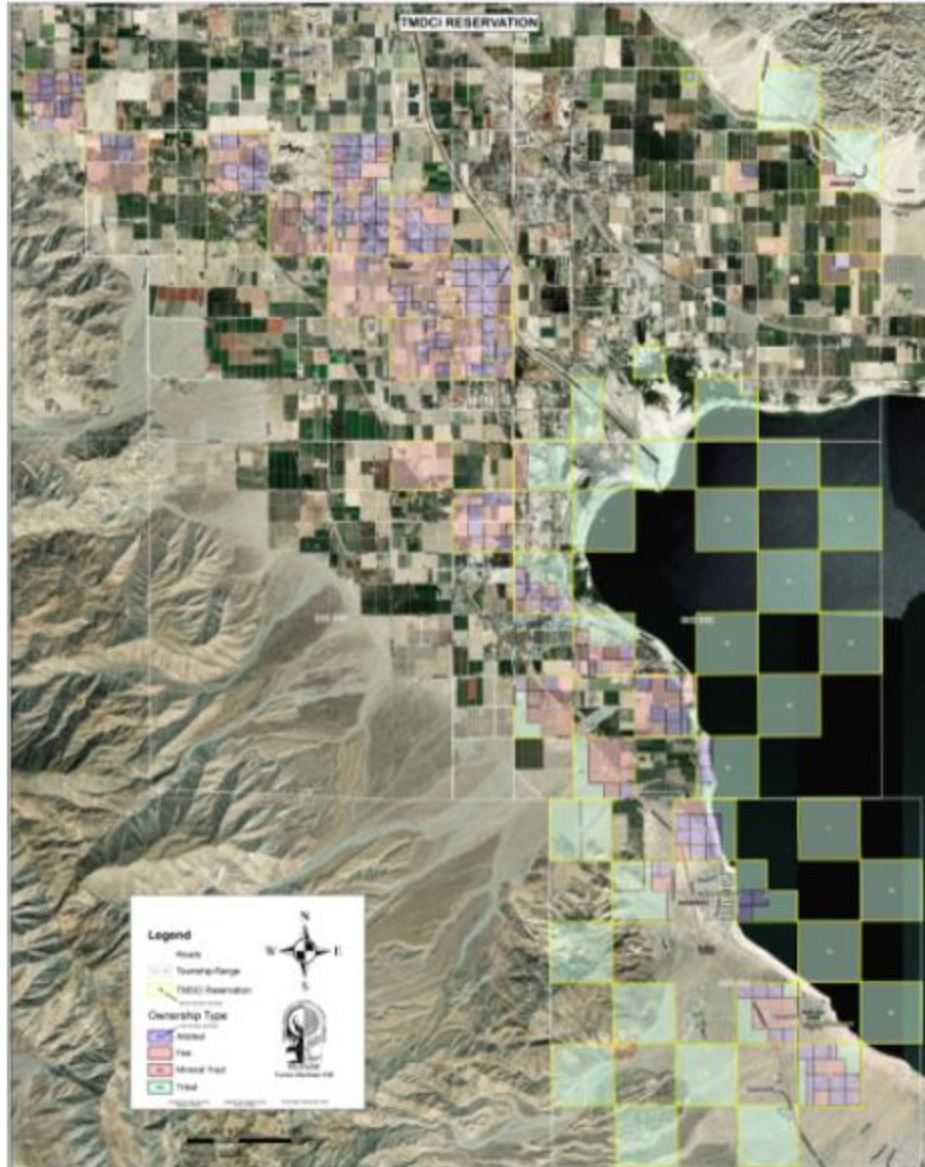
Thank you.

Torres Martinez Desert Cahuilla Indians

Illegal Dumping & Air Quality Monitoring

Natural Resources Department
NRD@tmdci-nsn.gov

TMDCI Reservation



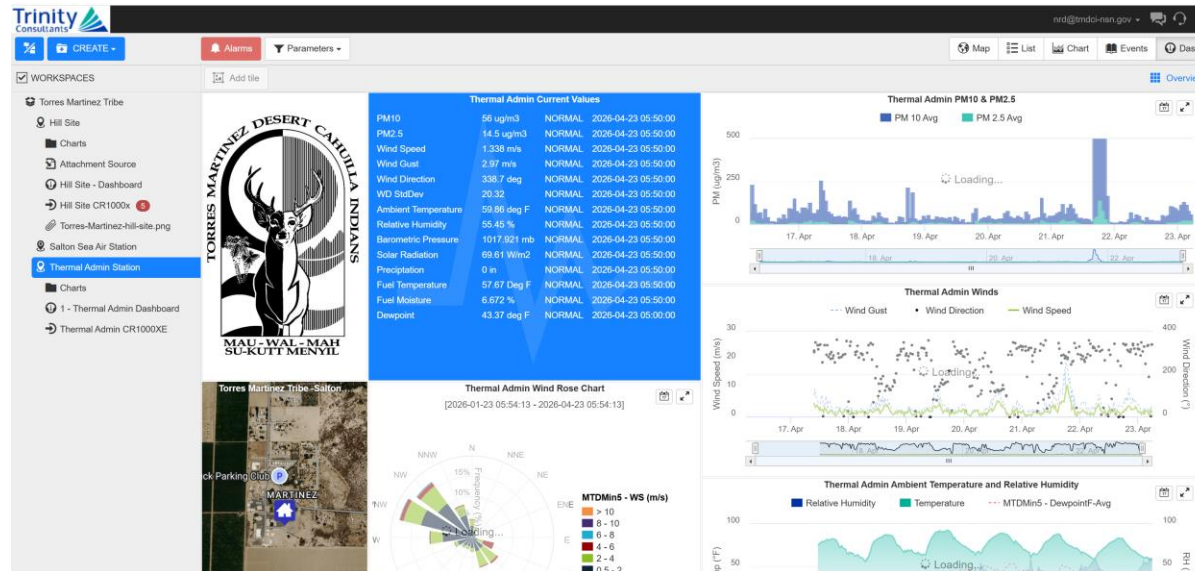
- Tribal
- Allotted
- Fee

Illegal Dumping

- Monitoring
- Illegal dump inventory – about 30 sites
- Reports made to appropriate parties
- Sign inventory
- Illegal dumping connected to water quality & air quality monitoring



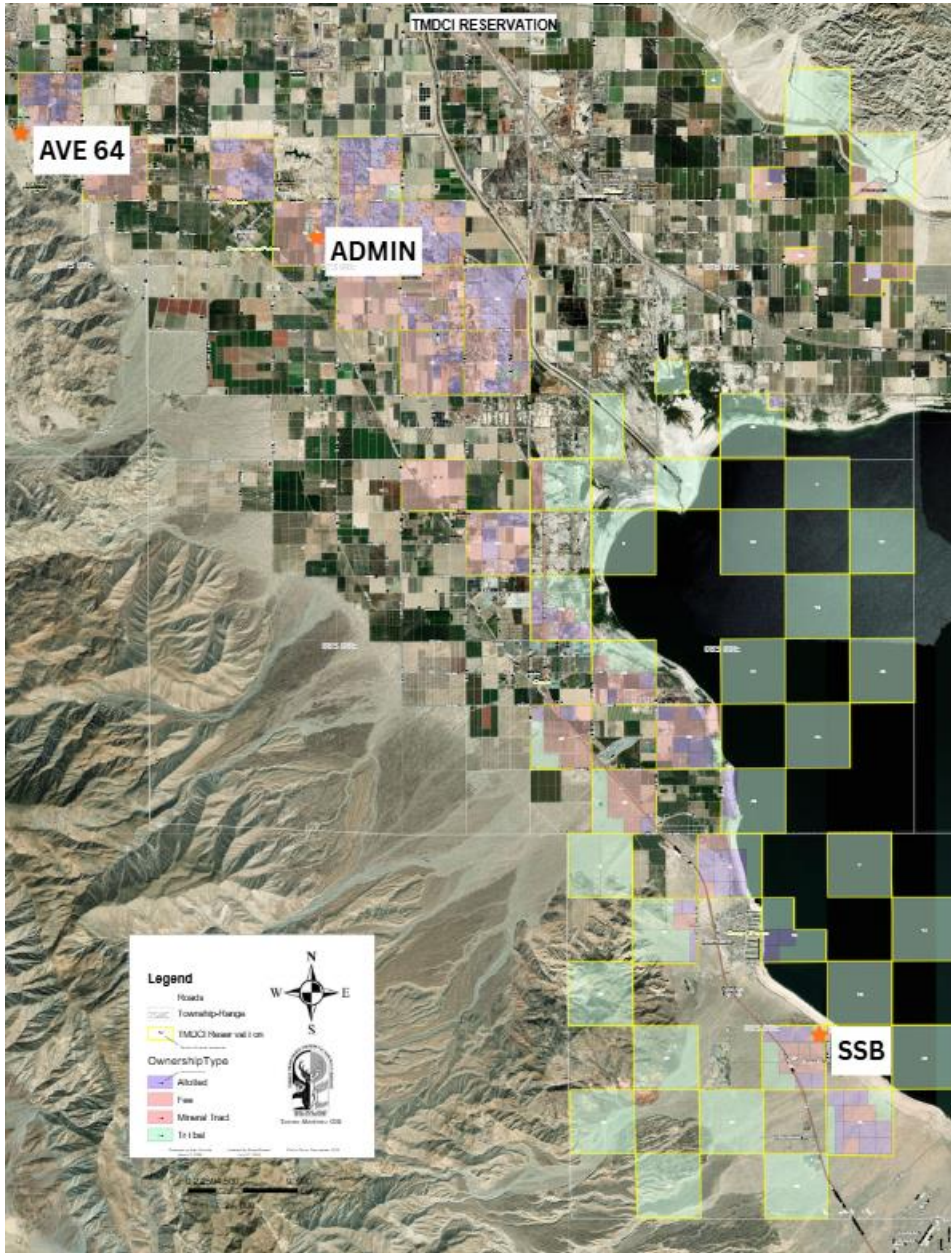
Air Quality Monitoring Parameters



Parameters reported to various sites.

- PM 10 (Admin, SSB, The Hill)
- PM 2.5 (Admin, SSB)
- Wind Speed
- Wind Direction
- Fuel Moisture
- Fuel Temperature
- Dew Point
- Precipitation
- Solar Radiation
- Barometric Pressure
- Relative Humidity
- Ambient Temperature

Air Quality Monitoring Stations



Site 1: Administration

- Met One (BAM 1020)
- RM Young
- Campbell Scientific

Site 2: Salton Sea Beach

- Teledyne (T640)
- R. M. Young
- Campbell Scientific

Site 3: The Hill (Ave 64)

- Thermo Fisher Scientific (5030 iQ)
- R. M. Young
- Campbell Scientific

Air Quality Monitoring Stations



- **Future Site:** Painted Canyon (Mecca)
- Expand parameters at existing sites
- **Funding Sources:** EPA CAA 103, 105, IRA
- **Current & Past Collaborations:**
 - UCSD- High volume sampler
 - Alianza, UCLA, Brown, Loma Linda- H2S
 - UCD- Ozone
 - CARB- Pesticides
 - 29 Palms- QUANTAQ MODULAIR
 - UCSF

Reporting/ Community Input

Natural Resources Department

- NRD@tmdci-nsn.gov
- (760)397-0300 EXT. 11000

Illegal Dumping:

- (760)397-0056
- TMDCI Website – NRD (coming soon)



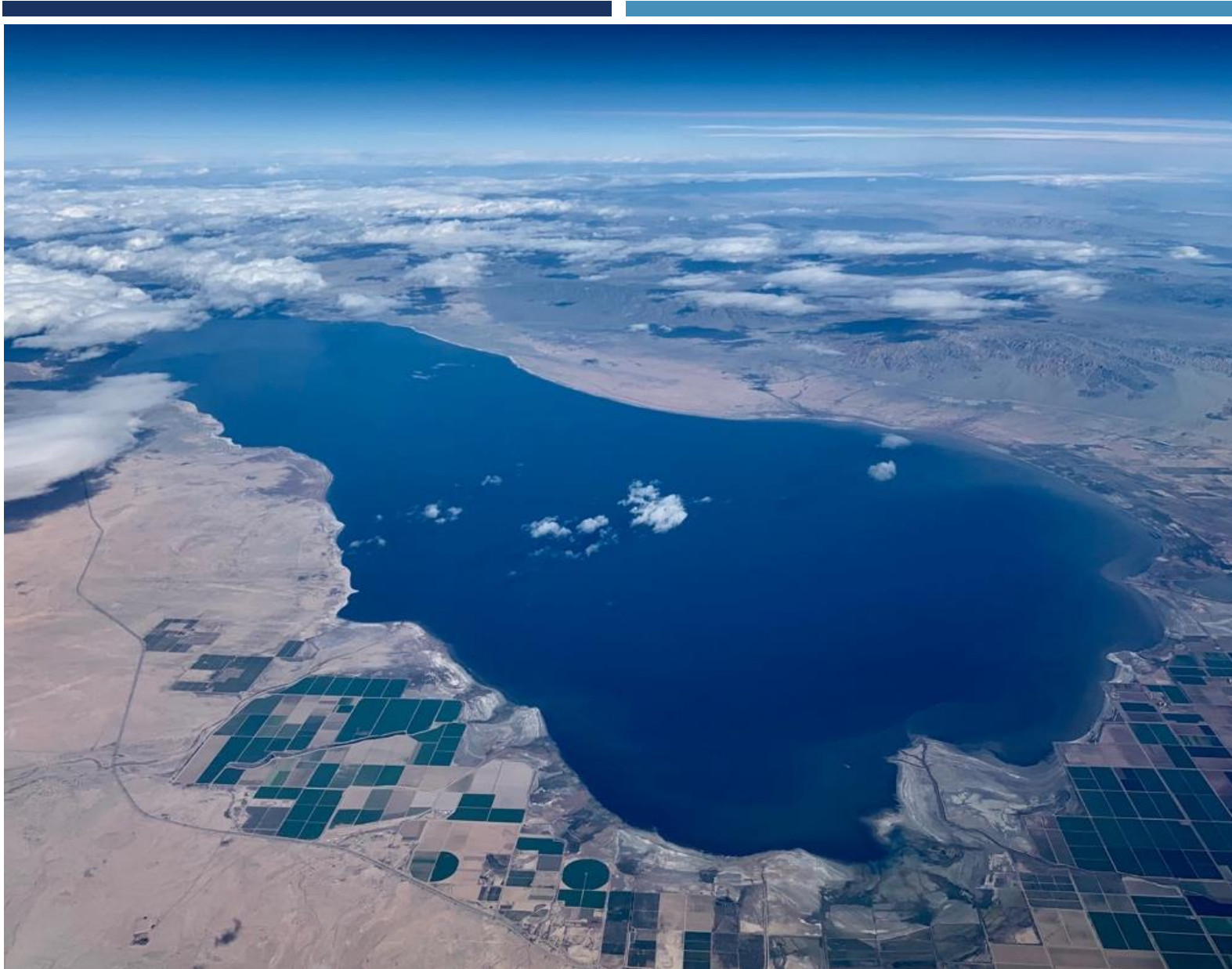
MONITORING WORKING TEAM

GRUPO DE TRABAJO DE MONITOREO

**Working Team
Updates**

*Actualizaciones de
Los Equipos de
Trabajo*

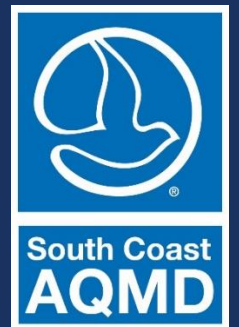
Next meeting date:TBD



MONITORING WORKING TEAM (MWT) UPDATE

Joseph Salazar, Ph.D.

AIR QUALITY SPECIALIST



TOPICS DISCUSSED IN THE MWT MEETINGS

Dust Characterization Study

1. Mass Balance: 8/15/2025
2. Source Apportionment: 9/12/2025
3. Salt Analysis: 3/6/2026

PM/Dust Characterization Study

ECV DUST CHARACTERIZATION STUDY

- Air quality concerns in ECV include fugitive dust emissions from truck traffic, unpaved roads, the surrounding desert, agriculture, and the Salton Sea
- As part of CAMP implementation, we conducted a comprehensive study to address these concerns

Purpose:

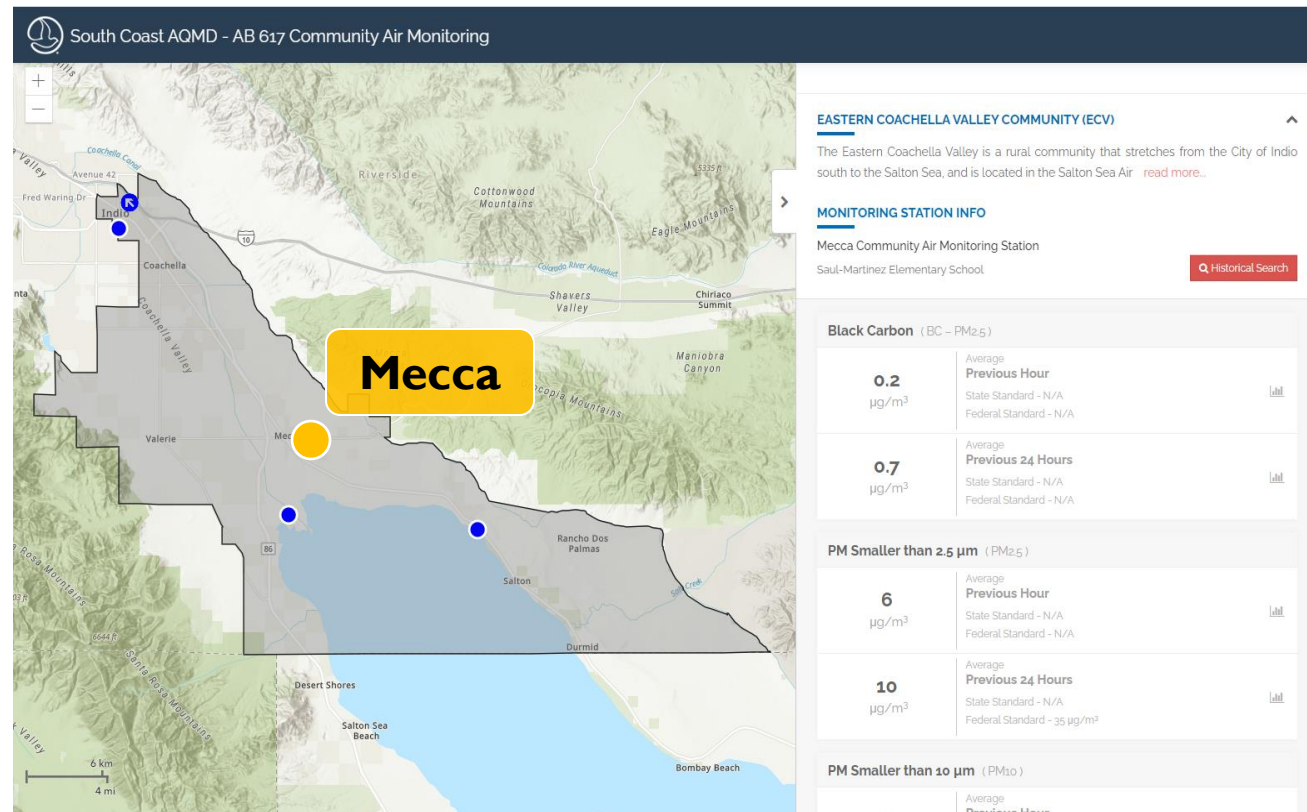
- Identify main sources of dust in ECV
- Quantify their contributions to particle pollution in the community





ECV DUST CHARACTERIZATION STUDY

- The Mecca air monitoring station was supplemented with continuous monitors (ongoing) and samplers (Jan 2022 – May 2023)
- Real-time data is available online
- Preliminary findings were discussed in three ECV Monitoring Working Team meetings to present the preliminary findings and gather input



Screenshot of AQMD AB 617 Data Display Tool
Available at <http://www.aqmd.gov/ab617/monitoring/ecv>

Sample Collection
+
Laboratory Analysis

6 Samplers

Continuous Measurements

8 Continuous Monitors



ECV DUST CHARACTERIZATION STUDY

Organized and presented to MWT co-leads and CSC

Built through collaboration

Presented to leading institutions

Unique real-time measurements

Consistent with previous research





SOURCE APPORTIONMENT FINDINGS

Source apportionment is the process of figuring out where pollution (or some other mixture) is coming from and how much each source is contributing. Here we looked at dust (PM10) and its sources

Major Sources of Dust in ECV

Salton Sea

Agricultural
and
Industry

Dust

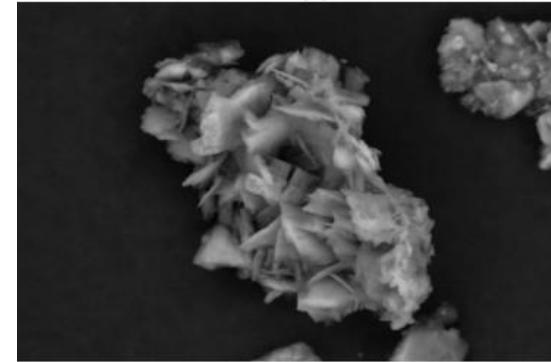
Chlorine
(Cl)



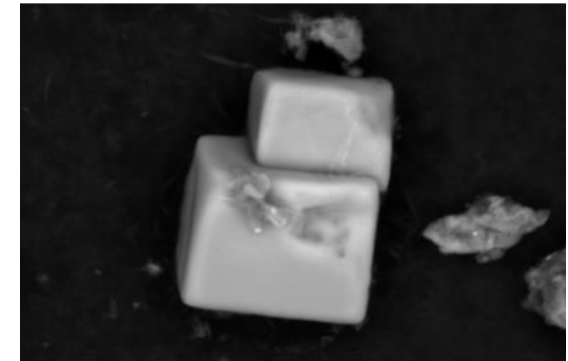
SALT ANALYSIS FINDINGS

- **Purpose:** To further investigate the dust in ECV and whether it relates to the exposed Salton Sea playa
- **Background:** The exposed Salton Sea playa contains unique markers (salts) that are different from desert dust
- **Methods:** Analysis of these unique Salton Sea salts by imaging (SEM) and concentrations
- **Conclusions:**
 - PM10 samples contain salts like gypsum (CaSO_4) and sodium chloride (NaCl)
 - Only minor unique markers from the Salton Sea were observed
 - **No definitive “salt signature”** was detected from the Salton Sea Playa

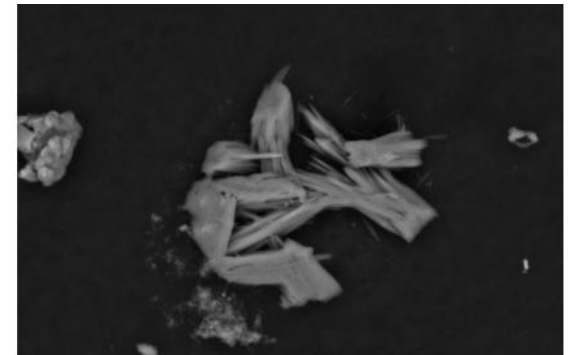
Gypsum



Sodium Chloride



Sodium Sulfate





CERP Objective

Study Findings

KEY CERP OBJECTIVES

Gain a better understanding of dust emissions and assess methods to distinguish between windblown desert dust and playa dust from the Salton Sea

- Primary dust transport is from the northwest
- Findings differentiate natural dust from anthropogenic PM10 sources
- Selenium-containing particles originate from the Salton Sea

Establish baseline air monitoring:

- Characterize the chemical composition of fugitive dust to distinguish sources
- Track concentration trends of key indicators

- Elements Al, Fe and Si serve as key indicator species for windblown dust



CERP Objective

Study Findings

Coordinate with local and regional agencies to facilitate the implementation of community plans and develop strategies with land use agencies to lessen cumulative impacts and reduce emissions and exposures:

- Provide air quality information to inform the implementation of local and regional plans that affect air quality

- Highlight multiple anthropogenic sources of PM, including vehicle emissions, industrial emissions, biomass burning and fertilizer application
- These details provide agencies with specific sources of pollution to target in planning and emission-reduction strategies

Reduce emissions and exposure from diesel mobile sources:

- Identify air quality concerns related to diesel mobile sources (e.g., trucks, trains), quantify emissions (e.g., baseline, projected) from diesel mobile sources (trucks , train) , and provide an informational workshop (e.g., summary of regulations and compliance information) on diesel mobile sources

- Identified PM10 from the agricultural and industry factor including sources from diesel equipment emissions, vehicle wear and tear and biomass burning

KEY CERP OBJECTIVES

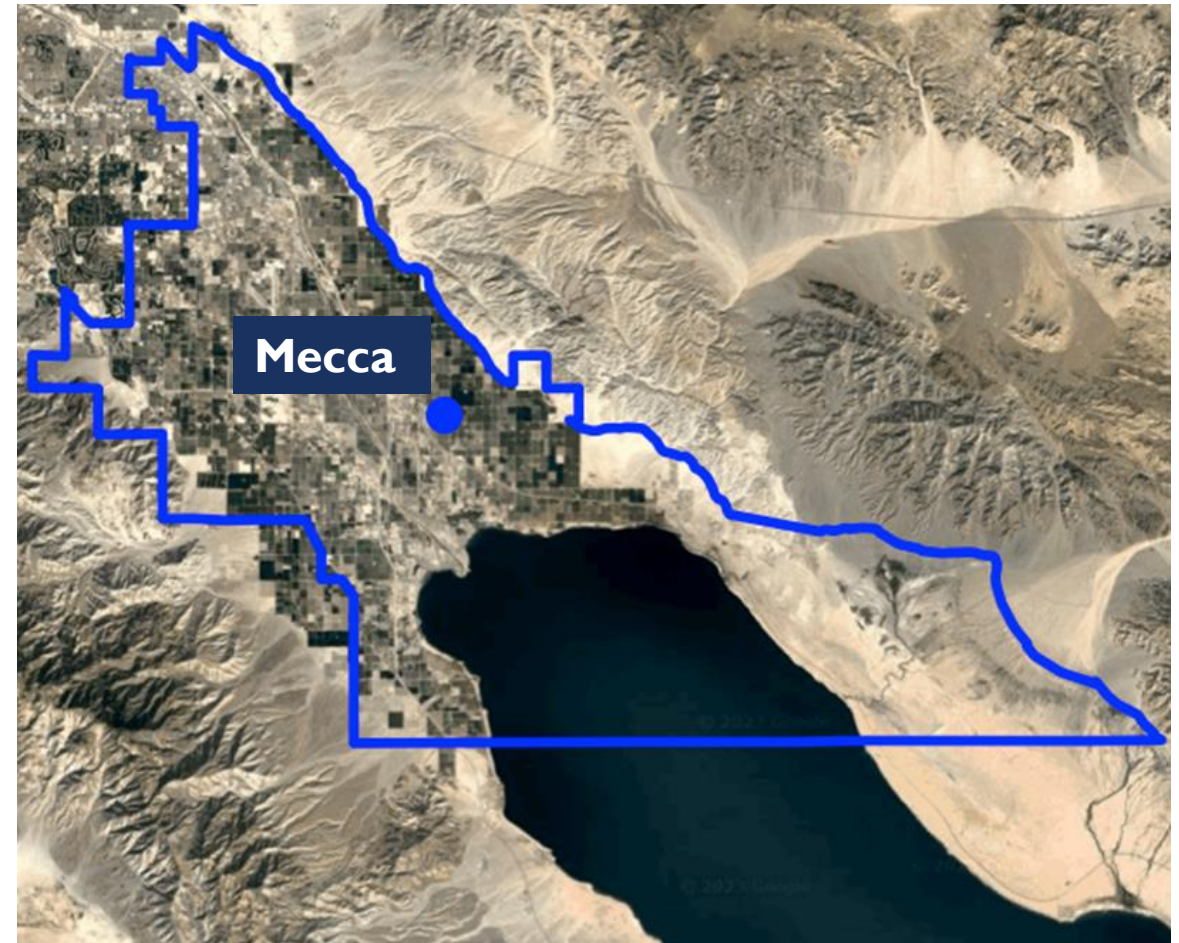
ECV DUST CHARACTERIZATION STUDY

Monitor Working Team Meetings — Now Complete

- **Mass Balance:** August 15, 2025
- **Source Apportionment:** September 12, 2025
- **Salt Analysis:** March 6, 2026

Next Steps:

- Finalize dust study
- Analyze longer-term trends
- MATESVI



Additional Air Monitoring Resources

AB 617 AIR MONITORING PAGE FOR ECV COMMUNITY



<http://www.aqmd.gov/ab617/monitoring/ecv>

Access to real-time air monitoring data

Interactive data summaries to visualize, compare and access air measurement data

Hydrogen sulfide monitoring and notifications

Aeroqual (AQY) sensor data dashboard and video tutorials

User survey

Informational handout

Pesticides Ambient Air Monitoring Plan and Report

Community Air Monitoring Plan (CAMP) and related documents

Resources

Select Language | About | FIND | Contact | Grants & Info | Online Services | Find Looking For | Sign Up | Search aqmd.gov

Home | About | Initiatives | Environmental Justice | AB 617 | AB 617 Community Air Monitoring | Communities | Eastern Coachella Valley Community Air Monitoring

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Eastern Coachella Valley Community

This page is dedicated to the Eastern Coachella Valley (ECV) community data platform for real-time continuous measurements, interactive data summaries, air monitoring progress reports and the Community Air Monitoring Plan (CAMP).

YOU MAY ALSO LIKE ...

- Air Monitoring Data Display**
 - Real-time Continuous Measurements
 - Video tutorial for real-time continuous measurements
- Interactive Data Summaries**
 - Time-Integrated Air Monitoring Data Dashboard
 - Video tutorial for time-integrated dashboard
 - Continuous Air Monitoring Trends Analysis Dashboard
 - Video tutorial for continuous dashboard
- Hydrogen Sulfide Monitoring and Notifications**
 - The Salton Sea Hydrogen Sulfide Monitoring (saltonseaodor.org)
- Aeroqual (AQY) Sensor Data Dashboard**
 - AQY Data Dashboard
 - AQY Dashboard User Guide
 - Video Tutorials**
 - Video 1: Introducing the AQY Data Dashboard for ECV
 - Video 2: Using the Map in the Dashboard for ECV
 - Video 3: Using the Analysis Tools in the Dashboard for ECV
 - Video 4: Using the Diagnostics Tools and Downloading Data for ECV
 - User Survey - Share Feedback
 - User Survey
- Informational Handouts**
 - CAMP Strategy to Address the Salton Sea
- Pesticides Ambient Air Monitoring Plan and Report**

The Pesticides Ambient Air Monitoring Plan for the Eastern Coachella Valley (ECV) community was developed through a collaborative effort with the ECV Community Steering Committee (CSC) and ECV Monitoring Working Team (MWT), as well as the California Air Resources Board (CARB), California Office of Environmental Health Hazard Assessment (OEHHA), and the Department of Pesticide Regulation (DPR).

 - ECV Pesticides Ambient Air Monitoring Plan (PDF)

In accordance to this plan, CARB conducted air monitoring for the selected pesticides from November 28, 2022 to February 24, 2023. The results of the air monitoring was published by CARB in December 2023. This report is available at:

 - ECV Pesticide Monitoring Final Report (PDF)

Should you have any input, suggestions, comments, or questions, please contact Ivy Osornio (iv.osornio@arb.ca.gov).
- Community Air Monitoring Plan (CAMP)**

The main purpose of this Community Air Monitoring Plan (CAMP) is to summarize the proposed air monitoring activities for addressing the major air quality concerns identified by the Community Steering Committee (CSC) in Eastern Coachella Valley (ECV) community and provide information supporting the Community Emission Reduction Plan (CERP). South Coast AQMD is seeking input from the CSC and members of the public to revise and improve the CAMP.

 - CAMP (PDF)
 - Quality Assurance Project Plan (PDF)

ADDITIONAL RESOURCES FOR AIR QUALITY ADVISORIES AND NOTIFICATIONS

PM10 Dust



Ozone (smog)



Wildfire Smoke



Salton Sea Odors



Sign up for AQI notifications in the South Coast AQMD App

Sign up for advisories at
www.airalerts.org



CONTACT INFORMATION



MWT Co-Leads

Dr. Ryan Sinclair
Loma Linda University
rsinclair@llu.edu

Matthew Maldonado
Comite Civico del Valle (CCV)
matthew@ccvhealth.org

South Coast AQMD Monitoring Staff

Joseph Salazar
Air Quality specialist
jsalazar@aqmd.gov
909-396-3150

Mohammad Sowlat
Program Supervisor
msowlat@aqmd.gov
909-396-3144

Payam Pakbin
Atmospheric Measurements Manager
ppakbin@aqmd.gov
909-396-2122

OUTREACH WORKING TEAM

GRUPO DE TRABAJO DEL ALCANCE

**Working Team
Updates**

*Actualizaciones de
Los Equipos de
Trabajo*

Next meeting date: TBD

CERP IMPLEMENTATION WORKING TEAM

GRUPO DE TRABAJO DE IMPLENTACIÓN DEL CERP

Next meeting

Wednesday, July 15, 2026
4:00 PM – 5:00 PM

Próxima reunión

Miércoles 15 de julio de 2026
4:00 PM – 5:00 PM

**Working Team
Updates**

*Actualizaciones de
Los Equipos de
Trabajo*

ITEM 5

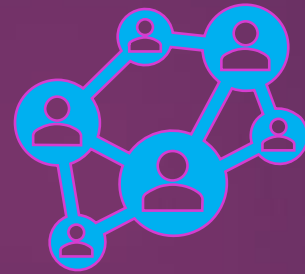


**ECV CSC
Opportunities**

*Oportunidades
del CSC*

COMMUNITY EVENTS

EVENTOS DE LA COMUNIDAD



Connecting with
our Communities

*Comunicando Con
Nuestras Comunidades*





SOUTH COAST AQMD JOIN THE CLEAN AIR TEAM!



NOW HIRING

Positions include Engineers, Inspectors, Chemists, Public Affairs, IT, Clerical and more!

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ITEM 6

Next Steps

*Los Siguietes
Pasos*

NEXT STEPS

PRÓXIMOS PASOS

Future Announcements / *Anuncios Futuros*

- Newsletters or emails / *Boletines o correos electrónicos*
- Continue CERP implementation / *Continuar la implementación del CERP*
- Stipends / *Honorario*

What would you like to hear about? / *¿Sobre que te gustaría oír hablar?*

- AQ Priority Updates & Agenda Topics
Implementación del CERP y otros temas de la agenda

MEETINGS CALENDAR / CALENDARIO DE REUNIONES

CSC Meeting

*May 7, 2026
7 de mayo
5:00 – 7:00 pm*

CSC Meeting

*June 25, 2026
15 de junio
5:00 – 7:00 pm*

CSC Meeting

*September 24, 2026
24 de septiembre
5:00 – 7:00 pm*

Save the Date

Annual All-CSC Community Meeting

*October 17, 2026
17 de octubre*

ITEM 7

Public Comment

Comentario Público

¡GRACIAS! THANK YOU!

Para más información, preguntas o sugerencias después de esta reunión:
For more information, questions, or suggestions after this meeting:

Envíenos un correo electrónico a:

Email us at:

ab617@aqmd.gov

Community Liaison / Enlace Comunitario

Daniel Wong, (909) 396-3046

CERP

Robert Dalbeck (909) 396-2139
Pami Mukherjee (909) 396-2938

MONITORING / MONITOREO

Payam Pakbin (909) 396-2122

COMPLIANCE / CONFORMIDAD

Yazmin Kakishita (909)396-3207

**CERP Implementation
Working Team**

MONITORING Working Team

Matthew Maldonado
Ryan Sinclair

OUTREACH Working Team

Anetha Lue

ECV CSC webpage:
www.aqmd.gov/AB617/ECV

