



Think Inside the Triangle™

NOTICE OF REGULAR MEETING

Pursuant to Section 54954.2 of the Government Code of the State of California, a regular meeting of the **ENVIRONMENTAL SUSTAINABILITY COMMISSION** is hereby called for:

Date/Time: **Thursday, June 27, 2024, at 7:00 p.m.**
(or as soon thereafter as possible)

Location: **City Hall Council Chambers**
333 Civic Center Plaza,
Tracy

THIS MEETING WILL BE OPEN TO THE PUBLIC FOR IN-PERSON PARTICIPATION PURSUANT TO GOVERNMENT CODE SECTION 54954.3 WHICH STATES THAT EVERY PUBLIC MEETING SHALL PROVIDE AN OPPORTUNITY FOR THE PUBLIC TO ADDRESS THE COMMISSION ON ANY ITEM, BEFORE OR DURING CONSIDERATION OF THE ITEM, HOWEVER, NO ACTION SHALL BE TAKEN ON ANY ITEM NOT ON THE AGENDA.

MEETING AGENDA

1. Call to Order
2. Roll Call
3. Pledge of Allegiance
4. Items from the Audience - In accordance with Council Meeting Protocols and Rules of Procedure, adopted by Resolution No. 2019-240, and last amended by Resolution No. 2021-049, a five-minute maximum time limit per speaker will apply to all individuals speaking during "Items from the Audience/Public Comment". For non-agendized items, the Commission may briefly respond to statements made or questions posed by individuals during public comment; ask questions for clarification; direct the individual to the appropriate staff member; or request that the matter be placed on a future agenda or that staff provide additional information to Commission.
5. Consent Items
 - 5.A APPROVE MEETING MINUTES FOR MAY 23, 2024.**
6. Actionable Items
 - 6.A APPOINTMENT OF OFFICERS FOR 2024-25**
 - 6.B REVIEW AND APPROVE AN UPDATE TO THE ESC 2024 WORKPLAN**
 - 6.C ACCEPT AN INFORMATIONAL REPORT BY THE SUSTAINABILITY ACTION PLAN (SAP) AD HOC COMMITTEE**
7. Informational Items
 - 7.A RECEIVE A COMPREHENSIVE AIR QUALITY REPORT FROM SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT**
 - 7.B RECEIVE AN INFORMATIONAL REPORT ON THE CITY'S E-BIKE POLICY FROM OFFICER PEREZ OF TRACY POLICE DEPARTMENT.**
8. Staff items (Verbal Report)
9. Items from the Commission – In accordance with Parliamentary Procedures, a commissioner who wishes to introduce an item to be considered must make a motion, obtain a second, and the Chair must call the vote. A majority vote is required for the motion to pass.

10. Adjournment

AGENDA POSTED: June 24, 2024

The City of Tracy complies with the Americans with Disabilities Act and makes all reasonable accommodations for the disabled to participate in public meetings. Persons requiring assistance or auxiliary aids in order to participate should call City Hall at (209) 831-6000 at least 24 hours prior to the meeting.

Any materials distributed to the Environmental Sustainability Commission regarding any item on this agenda will be made available for public inspection at City Hall located at 333 Civic Center Plaza, Tracy, during normal business hours.

Full copy of the agenda can be found at the Tracy Library as well on the City's Website:

[Environmental Sustainability Commission | City of Tracy, CA](#)



**ENVIRONMENTAL SUSTAINABILITY COMMISSION
REGULAR MEETING MINUTES**

**MAY 23, 2024
7:00 PM**

1. CALL TO ORDER:

a. The meeting was called to order by Chairperson Sese at 7:06 PM .

2. ROLL CALL:

a. Present: Acosta, Kahlon, Sese, Wood

b. Absent: Damasco, Shoaito, Wahhab

c. Staff Present: Stephanie Reyna-Hiestand, Assistant Director of Utilities

d. Recorded by: Carla Sorich, Executive Assistant

3. PLEDGE OF ALLEGIANCE

Led by Commissioner Kahlon.

4. ITEMS FROM THE AUDIENCE

Dotty Nygard commented on SB1383 and asked if information could be shared with businesses. The Green Business Network meeting happens monthly on the 2nd Wednesday from 5:30 PM to 7 PM at Tracy Chamber of Commerce and would like Commissioners to attend, if possible. She informed that Connie Lopes was attending but hasn't been there for last several months. Commissioner Wood volunteered to attend the Green Business Network meetings and will report back during ESC meetings.

5. CONSENT ITEMS

5.A REVIEW AND APPROVE THE REGULAR MEETING MINUTES FOR MARCH 28, 2024.

ACTION: Motion was made by Commissioner Kahlon to approve item 5.A and the motion was seconded by Commissioner Wood. All in favor; passed and so ordered. (4,0,0)

Approve –Kahlon, Wood, Acosta, Sese

Oppose - None

Abstain – None

6. ACTIONABLE ITEMS

6.A REVIEW AND APPROVE AN UPDATE TO THE ESC 2024 WORKPLAN

Stephanie Reyna-Hiestand, Assistant Director of Utilities provided the staff report.

Public comment: None

Commissioner and staff questions and comments followed.

ACTION: Motion was made by Chair Sese and seconded by Commissioner Wood to accept the ESC 2024 Workplan updates. All in favor; passed and so ordered. (4,0,0)

Approve – Sese, Wood, Acosta, Kahlon
Oppose - None
Abstain - None

6.B ACCEPT AN INFORMATIONAL REPORT BY THE SUSTAINABILITY ACTION PLAN (SAP) AD HOC COMMITTEE.

Stephanie Reyna-Hiestand, Assistant Director of Utilities provided the staff report.

Commissioner Kahlon presented the Ad Hoc Committee update report including a prioritization list (Attachment A) and asked for feedback. Commissioner Acosta suggested Air Quality should be higher on the list. After discussion and feedback, Commissioners agreed to change the priority order for Air Quality and Biological Resources.

Public Comment:

Dotty Nygard agreed air quality is poor and every category on the priority list will intersect.

Commissioner discussion continued regarding a subcommittee being formed for the existing Ad Hoc committee.

ACTION: Motion was made by Commissioner Kahlon and seconded by Commissioner Wood to approve the SAP Ad Hoc Committee priority list. All in favor; passed and so ordered. (4,0,0)

Approve – Kahlon, Wood, Acosta, Sese
Oppose - None
Abstain – None

ACTION: Motion was made by Commissioner Wood and seconded by Commissioner Acosta to accept the informational report from the SAP Ad Hoc Committee. All in favor; passed and so ordered. (4,0,0)

Approve – Wood, Acosta, Kahlon, Sese
Oppose - None
Abstain – None

6.C ACCEPT AN INFORMATIONAL REPORT ON THE UTILITIES DIVISION ENVIRONMENTAL AND STORMWATER COMPLIANCE.

Stephanie Reyna-Hiestand, Assistant Director of Utilities provided the staff report.

Public Comment: None

Commissioner and staff questions and comments followed.

ACTION: Motion was made by Commissioner Wood and seconded by Commissioner Acosta to accept the informational report on the Utilities Division Environmental and Stormwater Compliance. All in favor; passed and so ordered. (4,0,0)

Approve – Wood, Acosta, Kahlon, Sese
Oppose - None
Abstain - None

7. **INFORMATIONAL ITEMS:** None

8. **STAFF ITEMS:** None

9. **ITEMS FROM THE COMMISSION**

Commissioner Wood asked for the Division or staffer to speak with about the Sustainability Action Plan. Staff provided contact information for SAP topics.

Commissioner Acosta asked about the City policy on commissioner business cards. Staff will follow up and report back.

Commissioners Kahlon and Wood thanked commissioners and staff for their continued support.

10. **ADJOURNMENT** – Time: 8:38 PM.

ACTION: Motion was made by Chairperson Sese and seconded by Commissioner Kahlon to adjourn. Roll call found all in favor; passed and so ordered. (4,0,0)

Approve- Sese, Kahlon, Acosta, Wood
Oppose- None
Abstain- None

CITY OF TRACY
ENVIRONMENTAL SUSTAINABILITY COMMISSION MEETING
June 27, 2024

AGENDA ITEM 6.B

REQUEST

STAFF REQUESTS THAT THE ENVIRONMENTAL SUSTAINABILITY COMMISSION REVIEW AND APPROVE AN UPDATE TO THE 2024 ENVIRONMENTAL SUSTAINABILITY COMMISSION WORKPLAN WITH ACTION ITEMS FROM PRIOR MEETINGS

EXECUTIVE SUMMARY

The commission and public make recommendations each meeting that are moved forward and approved for submission to the Environmental Sustainability Commission (ESC) annual workplan. This item requests that the ESC review and approve the updates to the ESC workplan from the May 23, 2024, ESC meeting.

DISCUSSION

During the May 23, 2024, Environmental Sustainability Commission (ESC) meeting, there was discussion and comment from staff and the Commission regarding various topics. One (1) actionable item under Item 6.A was introduced by staff. Two (2) items were moved from the to be scheduled (TBS) tab and brought forward as informational reports under Item 7. These three (3) items were requested to update the ESC 2024 Workplan with motions favorably passed to include the following:

- Appointment of Officers for 2024-25
- Receive a comprehensive Air Quality Report from the San Joaquin Valley Air Pollution Control District
- Receive a report on the City's E-Bike policy from Tracy PD

On the TBS tab, it is shown in red strikethrough the items moved to tonight's meeting and the request from the November 27, 2023, ESC meeting to have an informational item on the City's Sustainable practices for dual use basins, recycled water use, and irrigation was agendized on the work plan for August. Added to the TBS tab from the previous meeting is the request to have an update by Connie Lopes, Management Analyst, Public Works to give an update on SB1383 regarding Business Compliance and Enforcement Efforts.

RECOMMENDATION

The Environmental Sustainability Commission review and approve an update to the 2024 Environmental Sustainability Commission workplan with action items from prior meetings.

Prepared by: Stephanie Reyna-Hiestand, Assistant Director of Utilities

Reviewed by: Carla Sorich, Executive Assistant

ATTACHMENT

2024 Environmental Sustainability Commission Workplan

Attachment - Item 6.B

MEETING SCHEDULED DATE	WORKPLAN ITEMS	ITEM REQUESTED MEETING DATE	COUNCIL STRATEGIC PRIORITY RELATION	TASKS/ACTION	ASSIGNMENT / SUBCOMMITTEE	TIMELINE	STATUS
JUNE 27, 2024	APPOINTMENT OF OFFICERS FOR FY24-25	BY-LAWS	Good Governance	Action - Select and Approve	ESC	annually	on-going
	SAP AD-HOC COMMITTEE - REPORT		Good Governance	Action - Accept	ESC	monthly	on-going
	ESC WORKPLAN FOR CY 2024		Good Governance	Action - Review and Approve	ESC	monthly	on-going
	COMPREHENSIVE AIR QUALITY REPORT	11/27/2023; UPDATED 3/28/24	Quality of Life	Informational Item	SJVAPCD	One-Time	
	E-BIKE POLICIES	NOVEMBER 27, 2023	Quality of Life Good Governance	Informational Item	TRACY PD - ALBERTO PEREZ	One-Time	
JULY 25, 2024 - Cancelled							
AUGUST 22, 2024	SAP AD-HOC COMMITTEE - REPORT		Good Governance	Informational Item	ESC	monthly	on-going
	ESC WORKPLAN FOR CY 2024		Good Governance	Action - Review and Approve	ESC	monthly	on-going
	MULTI-GENERATIONAL RECREATION CENTER - SUSTAINABLE PRACTICES	OCTOBER 26, 2023	Quality of Life Good Governance	Informational Item	Richard Joaquin	One-Time	
	PRESENTATION FROM ENGINEERING - SUSTAINABLE PRACTICES	FEBRUARY 22, 2024	Good Governance	Informational Item	Engineering - Sr Engineer	One-Time	
SEPTEMBER 26, 2024	SAP AD-HOC COMMITTEE - REPORT		Good Governance	Informational Item	ESC	monthly	on-going
	ESC WORKPLAN FOR CY 2024		Good Governance	Action - Review and Approve	ESC	monthly	on-going
OCTOBER 24, 2024	SAP AD-HOC COMMITTEE - REPORT		Good Governance	Informational Item	ESC	monthly	on-going
	ESC WORKPLAN FOR CY 2024		Good Governance	Action - Review and Approve	ESC	monthly	on-going
NOVEMBER 14, 2024	SAP AD-HOC COMMITTEE - REPORT		Good Governance	Informational Item	ESC	monthly	on-going
	ESC WORKPLAN FOR CY 2024		Good Governance	Action - Review and Approve	ESC	monthly	on-going
DECEMBER 26, 2024 - cancelled							

COMMISSION MEETING ACTION DATE	COMMISSION REQUESTS - TBS	STATUS	ESC MEETING DATE
11/27/2023	CITY SUSTAINABLE PRACTICES—STANDARDS FOR DUAL USE BASINS, RECYCLED WATER USE, IRRIGATION	REQUESTING INFO FROM ENGINEERING/PLANNING-	Engineering—August
11/27/2023	E-BIKE POLICY	REQUESTING INFO FROM TRANSPORTATION/PD— PD CONSIDERING PRESENTATION DATE	PD—ALBERTO PEREZ / June 27, 2024
11/27/2023 AND UPDATED 03/28/2024	AIR QUALITY REPORT—COMPREHENSIVE FOR TRACY E-BIKE VS AUTOMOBILE	CONTACTED SJVAPCD—WAITING ON REPLY	June 27th
1/25/2024	PLANNING DIVISION - GENERAL INFORMATION ON ZONING, CEQA, ETC	NEED TO WORK WITH PLANNING FOR PRESENTATION DATES	
1/25/2024	AVA ENERGY AND CITY PARTNERSHIP PRESENTATION	RESEARCHING WHICH DEPARTMENT WILL PROVIDE THE PRESENTATION	Economic Development
2/22/2024	INFORMATIONAL ITEM ON INITIATIVES THAT THE CITY IS CURRENTLY WORKING ON REGARDING ENVIRONMENTAL SUSTAINABILITY		
3/28/2024	INFORMATIONAL ITEM - UPDATE BY STAFF ON SB1383 REGARDING BUSINESS COMPLIANCE AND ENFORCEMENT EFFORTS	REQUEST MADE TO CONNIE LOPES, MANAGEMENT ANALYST	

CITY OF TRACY
ENVIRONMENTAL SUSTAINABILITY COMMISSION MEETING
June 27, 2024

AGENDA ITEM 6.C

REQUEST

STAFF REQUESTS THAT THE ENVIRONMENTAL SUSTAINABILITY COMMISSION ACCEPT AN INFORMATIONAL REPORT BY THE SUSTAINABILITY ACTION PLAN AD HOC COMMITTEE

EXECUTIVE SUMMARY

The Environmental Sustainability Commission by motion approved a monthly report by the Sustainability Action Plan (SAP) Ad Hoc Committee (AHC) to update the ESC on the committee's actions and findings since their previous meeting. The SAP AHC will present their activities to the ESC and request any actions or deliverables since the previous ESC meeting. Any actionable items required shall be brought forth at this meeting for discussion and a vote by the Commission.

RECOMMENDATION

The Environmental Sustainability Commission accept an informational report by the SAP Ad Hoc Committee and take any action that is brought forward by the presenter within the Commission's purview.

Prepared by: Stephanie Reyna-Hiestand, Assistant Director of Utilities

Reviewed by: Carla Sorich, Executive Assistant, Public Works Department

Air Quality in Tracy, CA

City of Tracy
Environmental Sustainability Commission

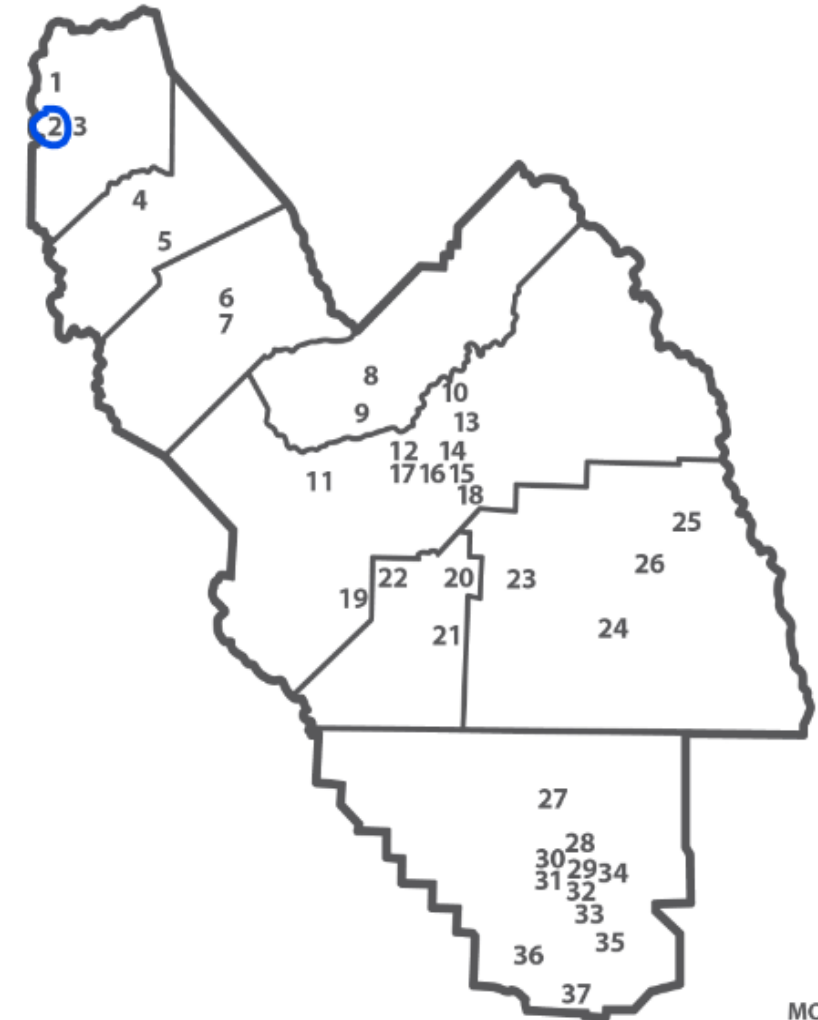
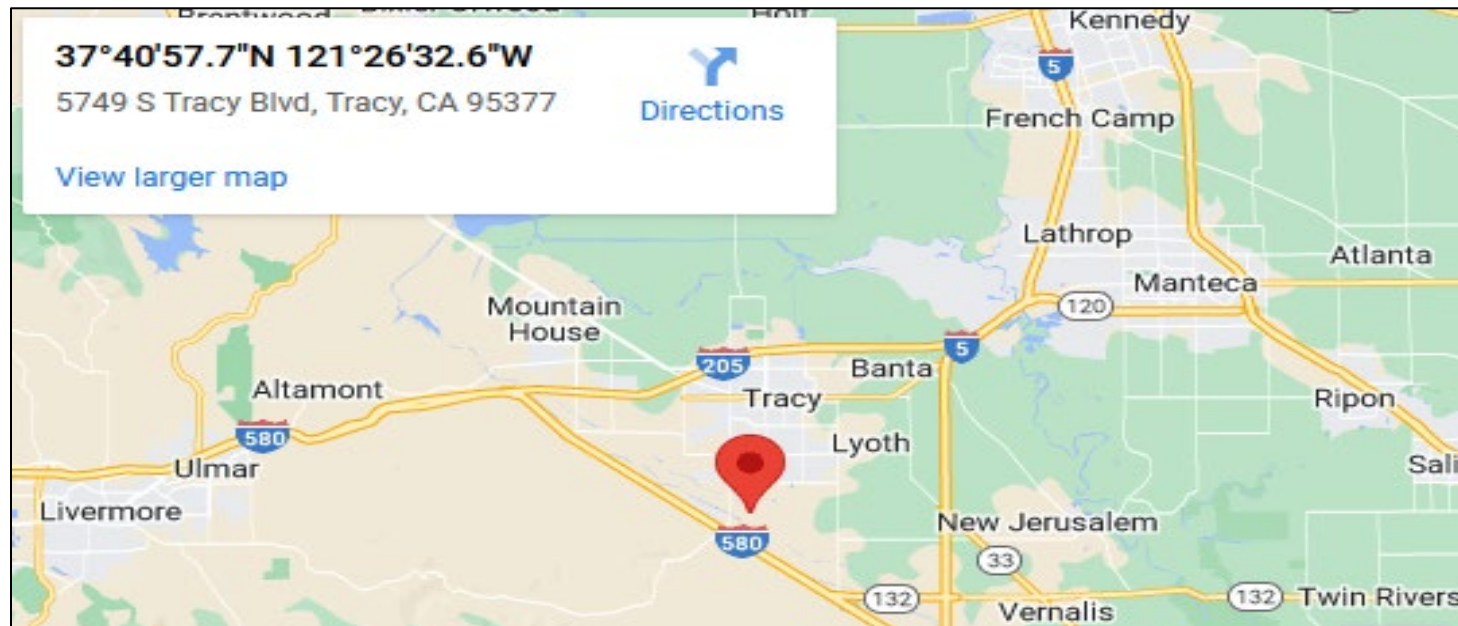
June 27, 2024

Overview of Presentation

- SJVAPCD Air Monitoring Network
- Air Quality in Tracy
- Wildfires and 2024 Wildfire Outlook
- New EPA PM2.5 Standard, changes to the AQI and what to expect
- Outreach efforts

Tracy Air Quality

- Tracy air monitoring station located at Tracy airport
- Part of SJV air monitoring network
 - Operated by SJVAPCD
 - Particulate matter, Ozone, Nitrogen Dioxide

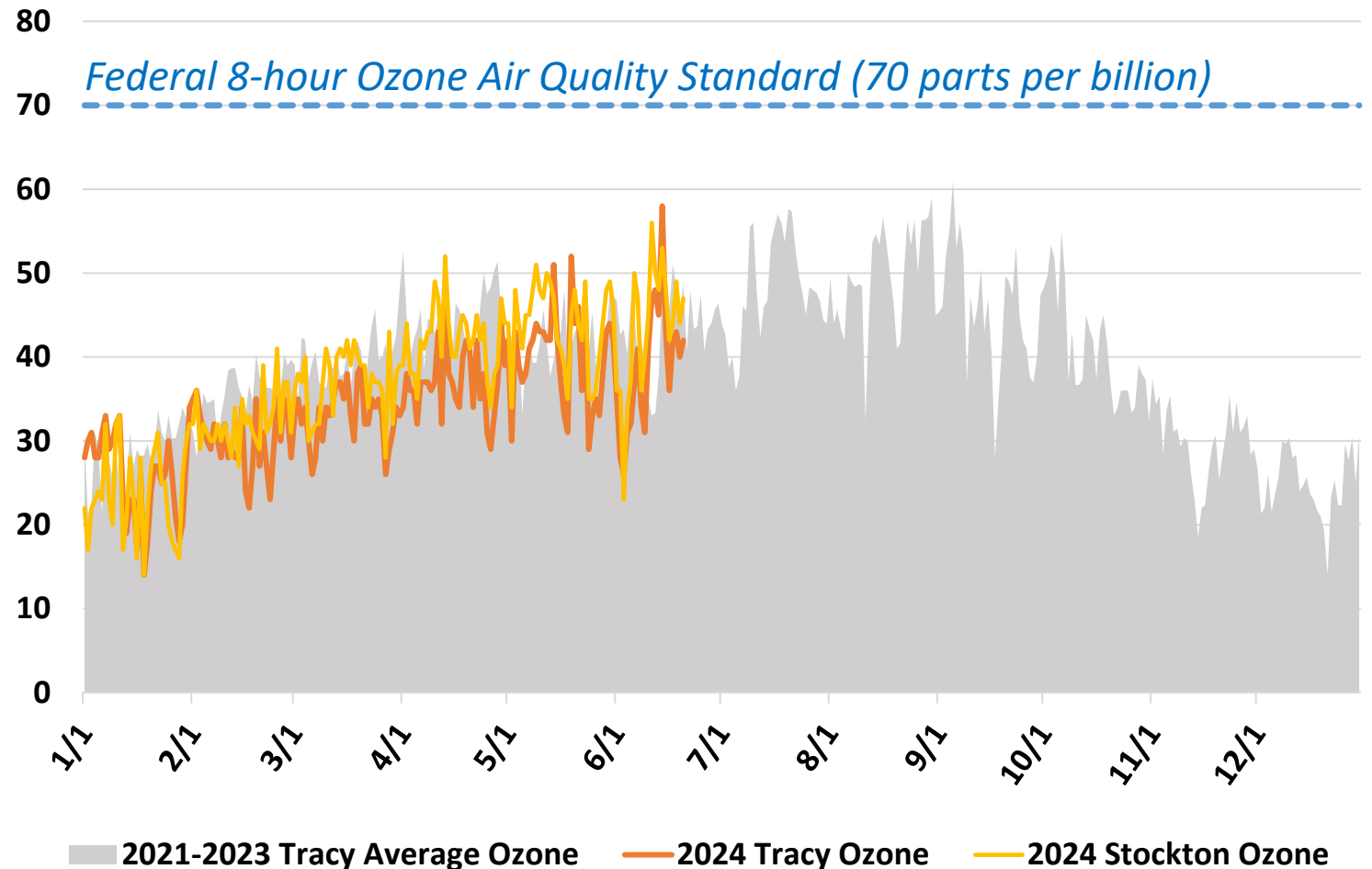


As of July 2023

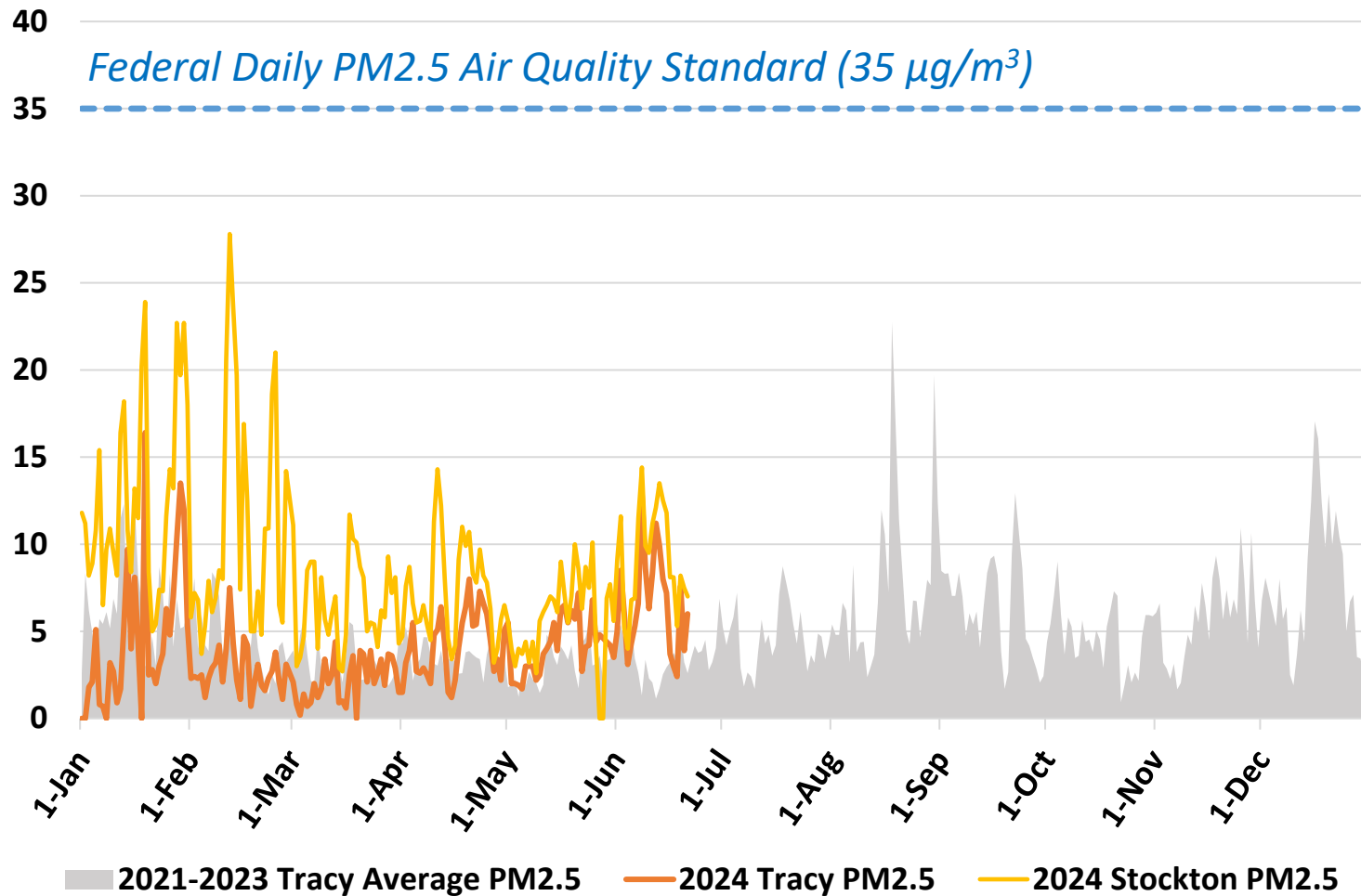
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Tracy Ozone Air Quality

- Tracy Ozone air quality is well below federal air quality standards
- 2024 Ozone air quality in Tracy comparable to historical average
- Nearby Stockton Ozone air quality trending higher than Tracy



Tracy PM2.5 Air Quality



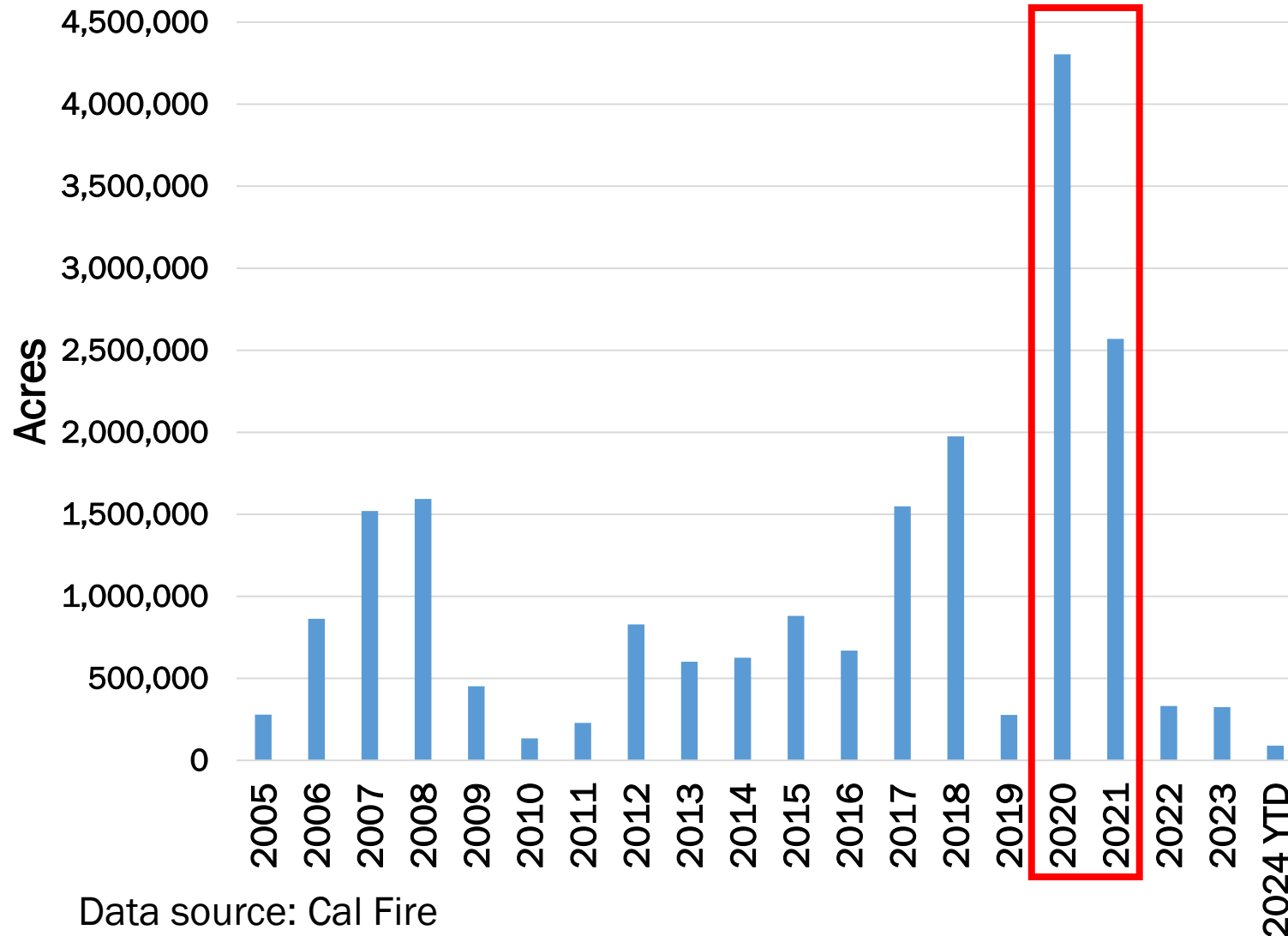
- Tracy PM2.5 air quality is well below federal air quality standards
- 2024 PM2.5 air quality in Tracy is comparable to historical average
- Nearby Stockton PM2.5 air quality trending higher than Tracy, especially in winter months

Ongoing Wildfire Challenges

- Wildfire emissions easily overwhelm all control measures
- Wildfires lead to excessively high PM and ozone concentrations
- Decades-long fire suppression policies and excessive fuel build-up, tree mortality, changing climate conditions (higher temperatures and drier conditions) causing intense wildfire seasons in Western U.S. in recent years
- District supports fuel reduction efforts to help reduce frequency/severity of wildfires
- District conducts extensive public outreach concerning wildfire health dangers and potential health-protective actions



2020 & 2021 Worst CA Wildfire Seasons on Record

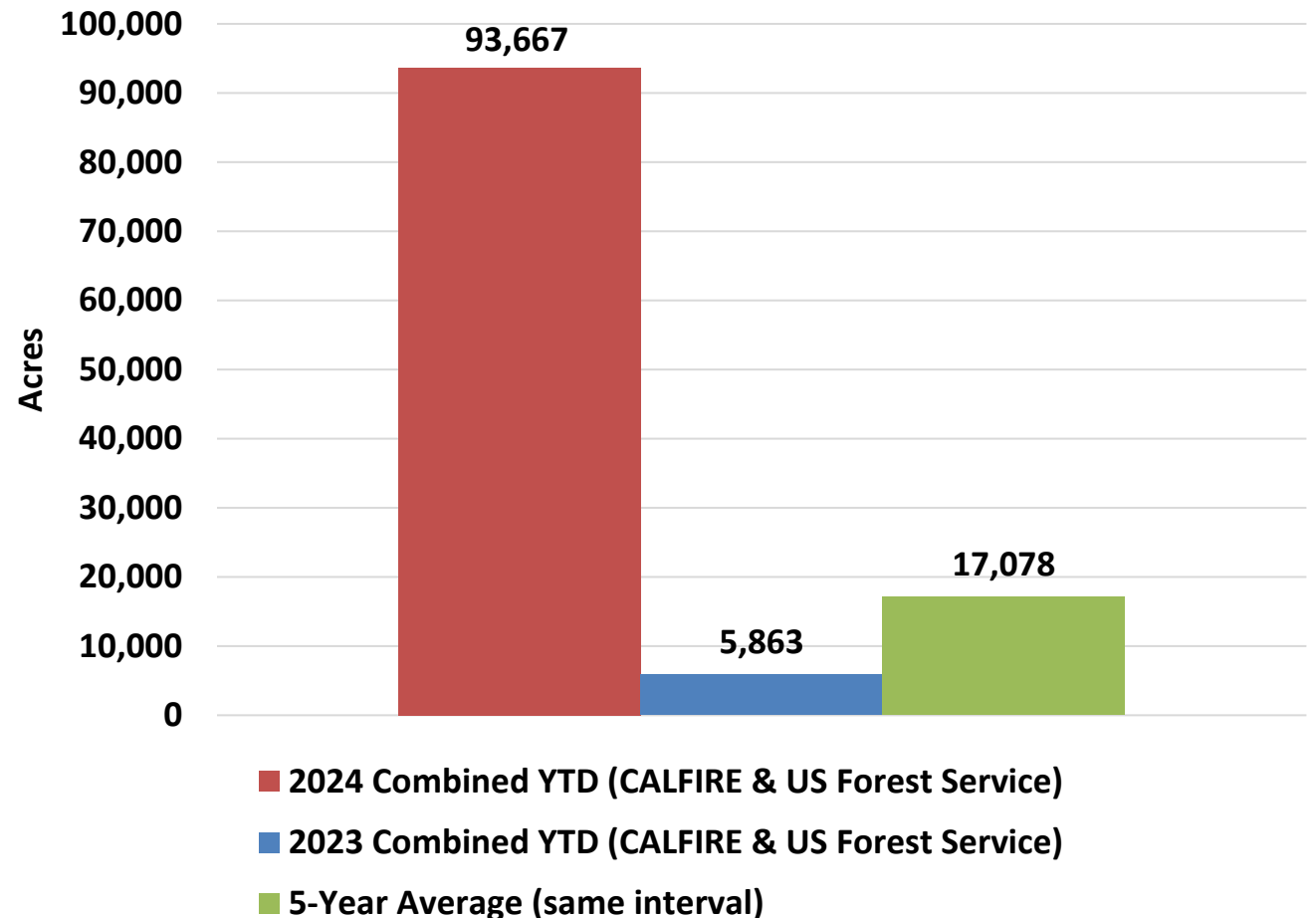


- 9 of top 20 largest wildfires in California history have occurred during 2020/2021 wildfire seasons
- Evidence of increasingly intense and destructive fire activity

Data source: Cal Fire

Early Start to 2024 Wildfire Season

- 2024 through June 20th has seen more acres of wildfires across California compared to previous years (same date)
- Valley fires have primarily been grass fires including the nearly 14,200 acre Corral Fire that occurred in San Joaquin County and started on 6/1/2024



Data source: Cal Fire (Combined Cal Fire and Forest Service Acres)

2024 Fire Weather Outlook

- Late May and June higher temperatures and drier conditions resulted in early increase in grass fires on the Valley floor
 - Corral Fire in San Joaquin County
 - Canal Fire in Madera County
 - Tesoro Fire in Madera County
 - Various other fires in other counties
- Early rainfall in 2024 allowed growth of new vegetation – taller grasses, etc.
- Early growth grasses have dried and are now fuel for more small fires, with the chance of larger fires depending on wind conditions.
- The annual Southwest Monsoon season could impacting lightning related fire risk in northern California later in the year.

Slide information from www.fire.ca.gov

2024 EPA Revision of PM2.5 Standard

- EPA issued final rule on February 7, 2024
 - Annual standard lowered from 12.0 to 9.0 $\mu\text{g}/\text{m}^3$
 - 24-hour PM2.5 and PM10 standards retained
- EPA also updating PM2.5 Air Quality Index (AQI) scale and monitoring requirements
- Revised standard triggers timeline for new planning actions, including requirements for District to prepare attainment plan for new standard, building upon previous PM2.5 planning efforts



Final Rule to Strengthen the National Air Quality Health Standard for Particulate Matter

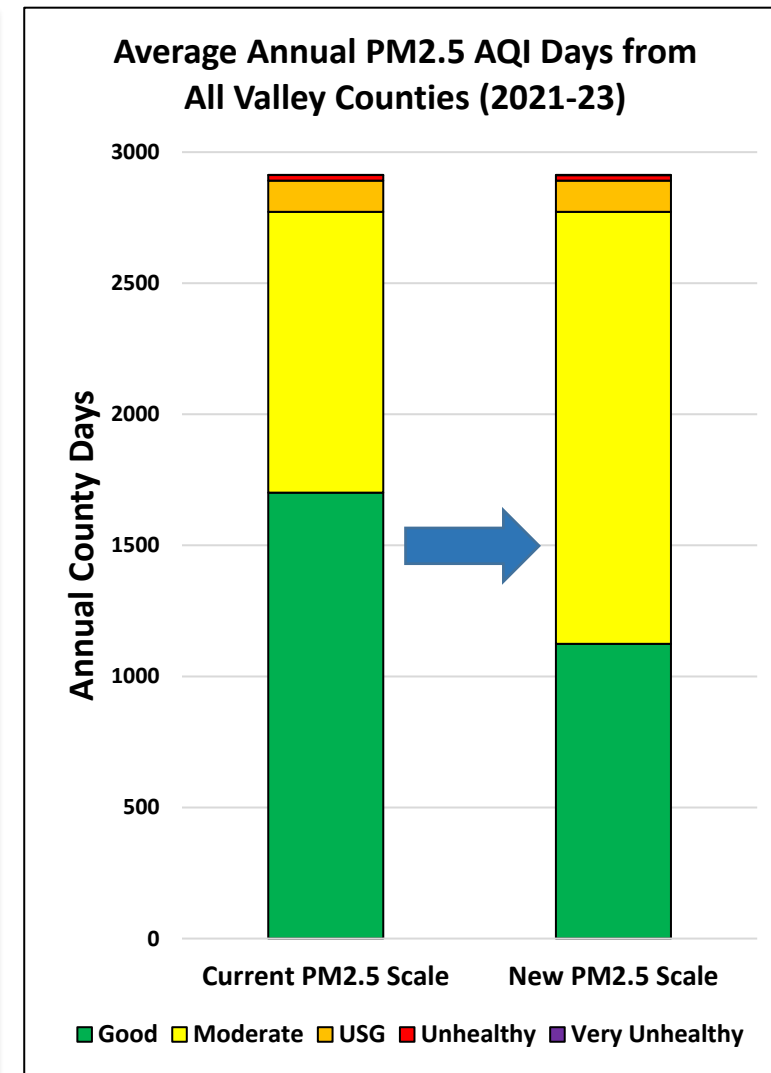
Fact Sheet

- On February 7, 2024, the U.S. Environmental Protection Agency (EPA) announced a final rule to strengthen the nation's National Ambient Air Quality Standards (NAAQS) for fine particle pollution, also known as fine particulate matter (PM_{2.5}) or soot.
 - EPA is setting the level of the primary (health-based) annual PM_{2.5} standard at 9.0 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) to reflect new science on harms caused by particle pollution.

New PM2.5 NAAQS: AQI Scale

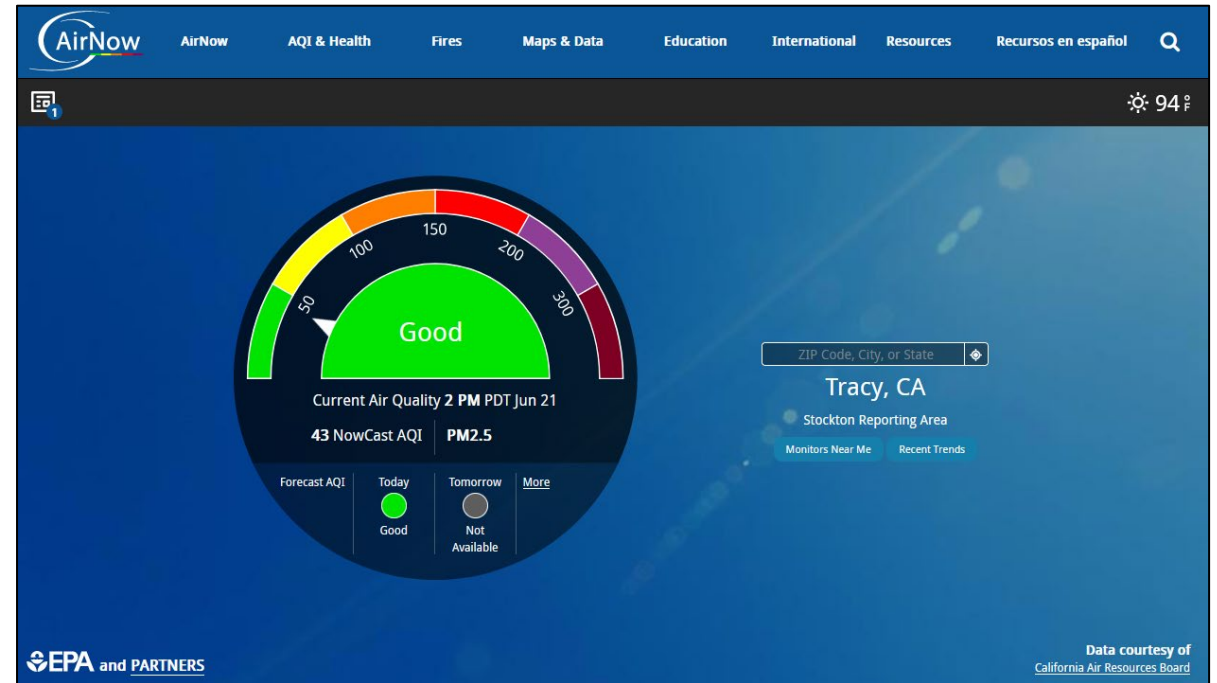
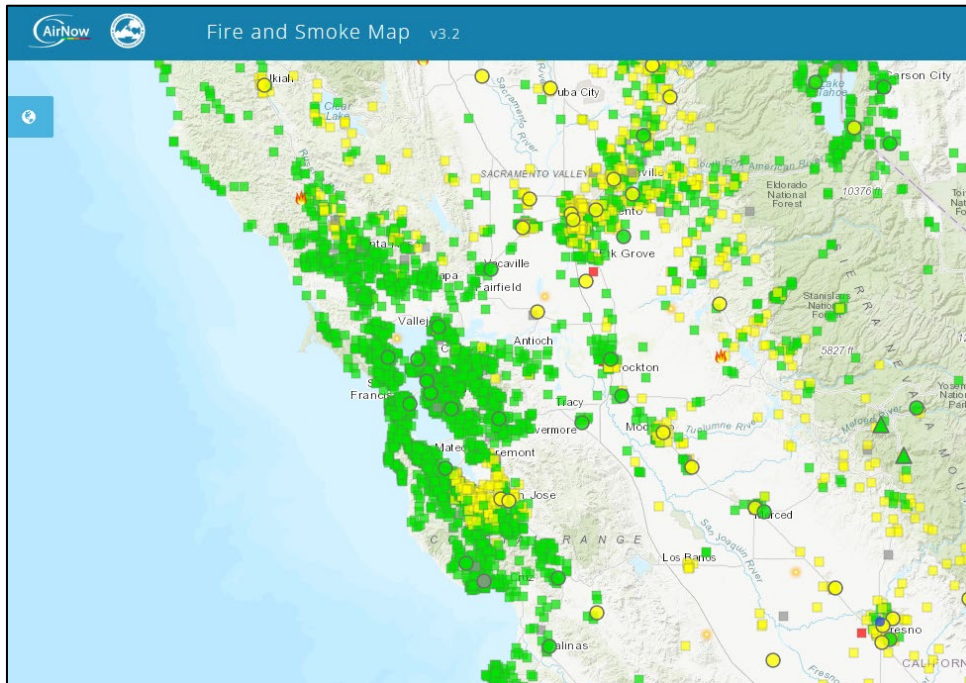
- EPA established updated PM2.5 Air Quality Index (AQI) scale along with new PM2.5 standard
- Updates to Good/Moderate breakpoint to line up with new annual standard
- Result is fewer Good days and more Moderate days

AQI Category and Index Value	Previous AQI Category Breakpoints	Updated AQI Category Breakpoints
Good (0 – 50)	0.0 to 12.0	0.0 to 9.0
Moderate (51 – 100)	12.1 to 35.4	9.1 to 35.4
Unhealthy for Sensitive Groups (101 – 150)	35.5 to 55.4	35.5 to 55.4
Unhealthy (151 – 200)	55.5 to 150.4	55.5 to 125.4
Very Unhealthy (201 – 300)	150.5 to 250.4	125.5 to 225.4
Hazardous (301+)	250.5 to 350.4 and 350.5 to 500	225.5+



New PM2.5 NAAQS: AQI Scale

- New PM2.5 AQI scale already being reflected in various air quality tools (e.g. AirNow)
- Will result in fewer Good (green) and more Moderate (yellow) readings observed in air quality tools
- If extreme wildfire impacts occur, new scale will result in more Very Unhealthy (purple) and Hazardous (maroon) readings



Communicating with Public During Wildfire Events

- Providing accurate and timely health-protective air quality information to the public is a priority
- Partnerships with local Public Health Officers and Directors
- Daily communication with English- & Spanish-language media
- Communicate with Valley schools to ensure accurate information to make decisions for their students
- Communicate directly with public through social media, phone calls, email, events throughout Valley



Is Your School Wildfire Ready?

Valley Air District encourages schools to prepare for wildfire season.

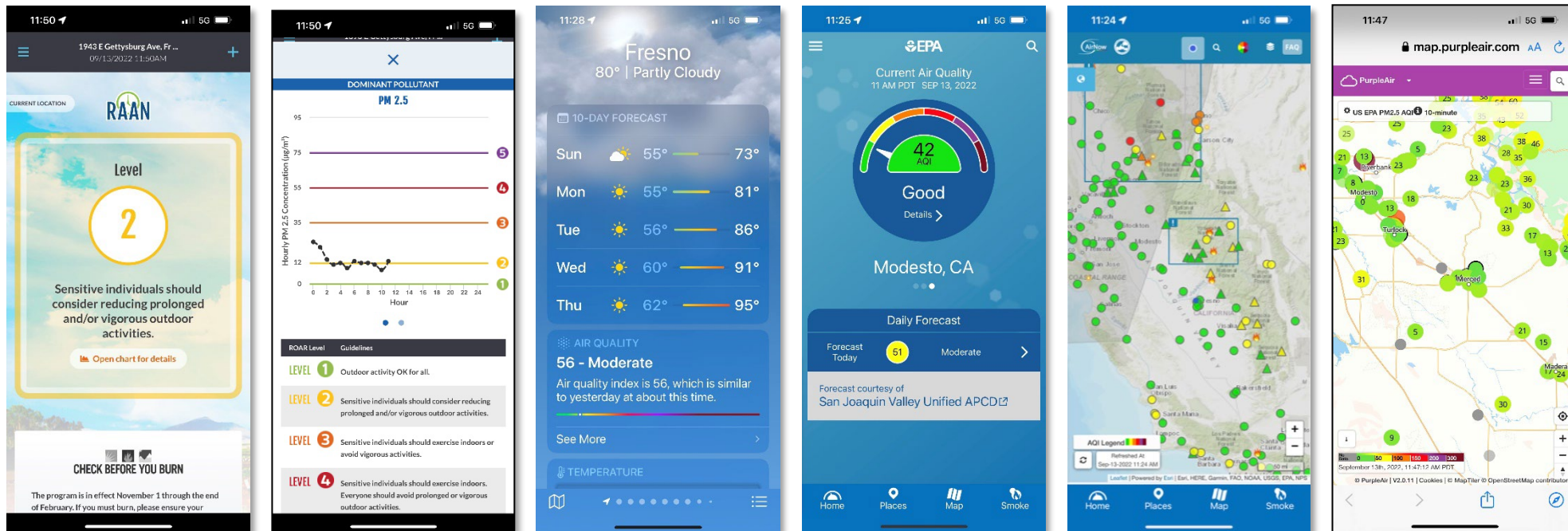
The 2023 Wildfire season is just around the corner, and the time to prepare for wildfires is now. The Valley Air District encourages schools and school districts to be prepared and plan for potential poor air quality due to wildfire smoke that might reach the Valley as we head into the hotter, drier time of the year. Predicting the severity of the fire season is always challenging, particularly with ever-changing conditions and weather patterns.

Wildfire smoke contains particulate matter (PM), which can trigger asthma attacks, aggravate chronic bronchitis, and increase the risk of heart attack and stroke. Children are more likely to be affected by health threats from smoke because their lungs are still developing.

On days when the Valley is being impacted by wildfire smoke, if you can smell smoke and see ash, that is an indication that you are being affected by poor air quality. Schools can check myraan.com, EPA's [Fire & Smoke Map](#) or the Valley Air app to see current air quality levels and follow the [Real-time Outdoor Activity Risk](#) (ROAR) Guidelines.

Educating Residents on Available Air Quality Tools

- Residents have found mobile applications useful as they provide real-time air quality information in an easily consumable way
- The Valley Air application has been downloaded over 56,000 times
- New air quality tools have become available in recent years
 - District promotes these tools to ensure public has full range of information



District's Wildfire Prevention and Response Webpage

The screenshot shows the website's header with the logo and navigation menu. A blue navigation bar contains links for 'AB 617 Community Air Program', 'Air Quality Information', 'Business, Agriculture & Land Use', 'Compliance', 'Incentive Programs', 'News, Outreach & Education', 'Permitting', 'Public Meetings & Participation', and 'Rules & Planning'. A notification banner at the top reads: 'Wildfire smoke from Corral Fire and possible other grass fires impacting Valley air quality, use caution. [More details here](#).' Below this is a breadcrumb trail: 'Home / Air Quality Information / Wildfire Information'. The main heading is 'Wildfire Prevention & Response'. Two call-to-action buttons are present: 'Sign up and receive hourly air quality information through RAAN' and 'AirNow Fire and Smoke Map'. A left sidebar lists categories: 'Wildfire Information', 'How to Protect Yourself from Wildfire Smoke', 'Clean Air Centers', 'Efforts to Prevent and Minimize Wildfires', 'Air Quality Information', 'Cal/OSHA Worker Safety', and 'Foothill & Mountain Communities'. The main content area features a warning box: 'If you can smell smoke and see ash, that is an indication that you are being affected by poor air quality.' Below this are two sections: 'Wildfires that may be impacting air quality in the San Joaquin Valley:' with a sub-section for 'Corral Fire San Joaquin County', and 'Wildfires with prior impacts to air quality in the San Joaquin Valley:'. On the right, there is an infographic titled 'IMPACTS OF WILDFIRE SMOKE' focusing on 'PARTICULATE MATTER (PM)', with a description: 'A complex mixture of extremely small particles made up of a number of components, including wildfire smoke, metals, dust and soot.' It includes a 'How small?' section and a language selector for 'ENGLISH' and 'ESPAÑOL'.

Increasing Importance of Social Media

- Posting in both English and Spanish on four primary social media accounts
 - Facebook, X (Twitter), Instagram, Threads and Nextdoor



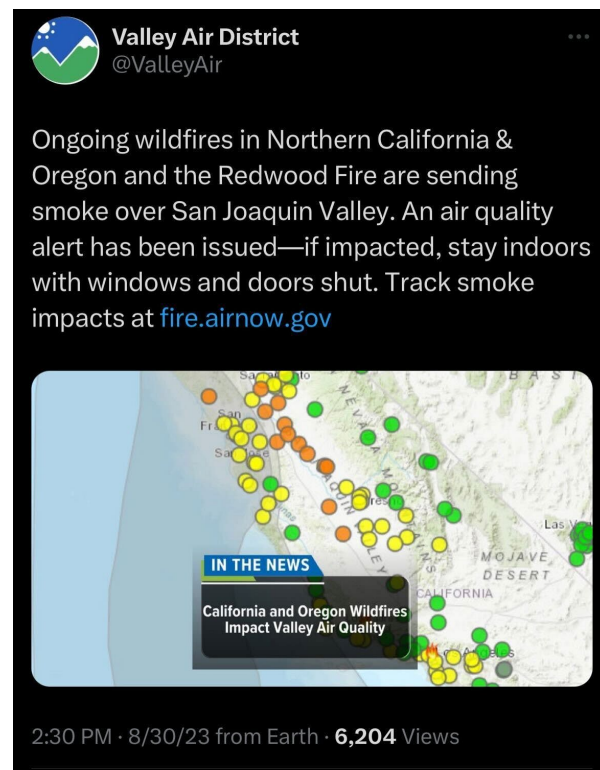
Valley Air District
Posted by Hootsuite
Sep 5 · 🌐

The 2023 Wildfire season is upon us, and residents are encouraged to be prepared and plan now for potential poor air quality due to wildfire s... See more

PROTECT YOURSELF FROM WILDFIRE SMOKE

VALLEYAIR.ORG/WILDFIRES

See insights and ads Boost post

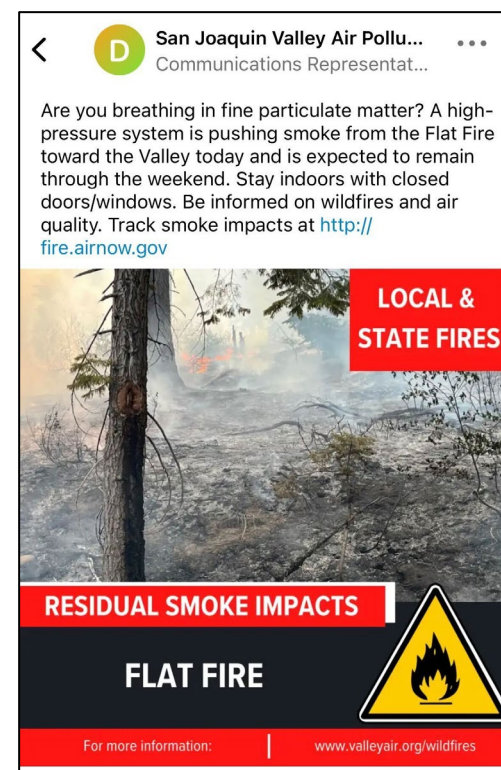


Valley Air District
@ValleyAir

Ongoing wildfires in Northern California & Oregon and the Redwood Fire are sending smoke over San Joaquin Valley. An air quality alert has been issued—if impacted, stay indoors with windows and doors shut. Track smoke impacts at fire.airnow.gov

IN THE NEWS
California and Oregon Wildfires Impact Valley Air Quality

2:30 PM · 8/30/23 from Earth · 6,204 Views



San Joaquin Valley Air Pollu...
Communications Representat...

Are you breathing in fine particulate matter? A high-pressure system is pushing smoke from the Flat Fire toward the Valley today and is expected to remain through the weekend. Stay indoors with closed doors/windows. Be informed on wildfires and air quality. Track smoke impacts at <http://fire.airnow.gov>

LOCAL & STATE FIRES

RESIDUAL SMOKE IMPACTS

FLAT FIRE

For more information: www.valleyair.org/wildfires



San Joaquin Valley Air Pollution Control District ✓
Communications Representative Danny Gonzalez · 30 Aug

Ongoing wildfires in Northern California & Oregon and the Redwood Fire are sending smoke into the San Joaquin Valley. An air quality alert has been issued—if impacted, See more...

IN THE NEWS
California and Oregon Wildfires Impact Valley Air Quality

Posted to Subscribers of San Joaquin Valley Air Pollution Control District

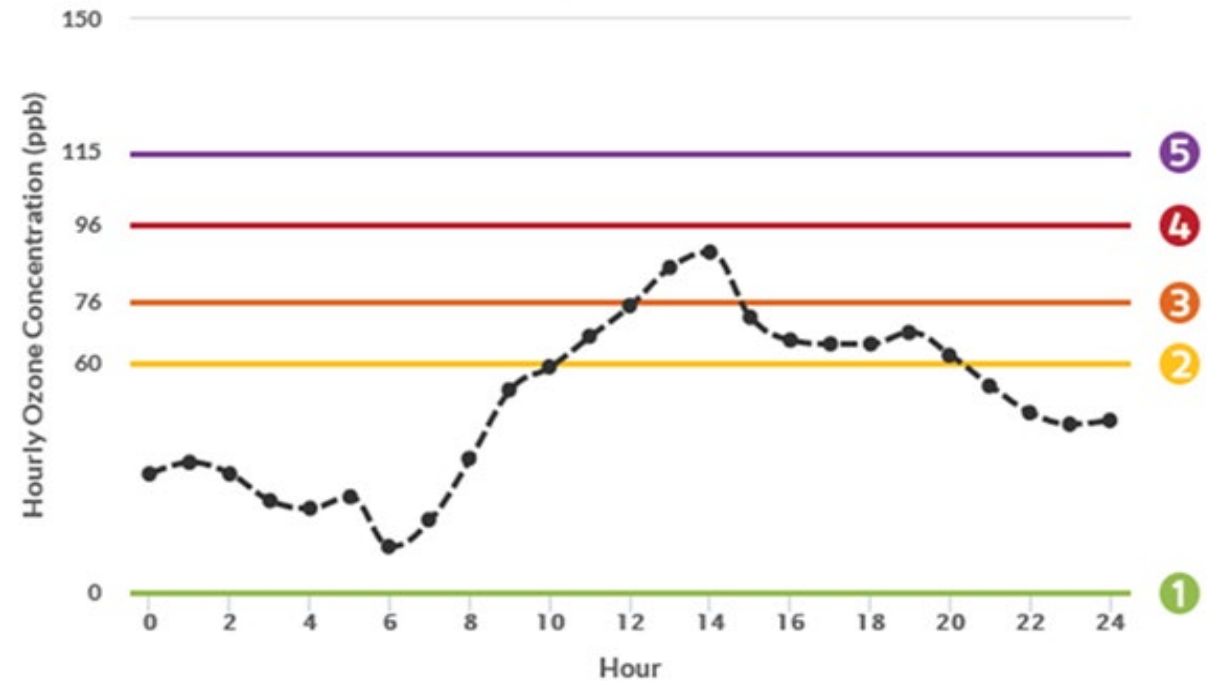
👍❤️👎 150 · 114,044 Impressions Like Comment Share

Receive current air quality information

- **RAAN** – Real-Time Air Advisory Network
 - myRAAN.com or the Valley Air App
 - Hourly air-quality information for your area, 24 hours a day
 - Access to actual concentrations of ozone and PM2.5
 - Outdoor activity recommendations based on five different levels

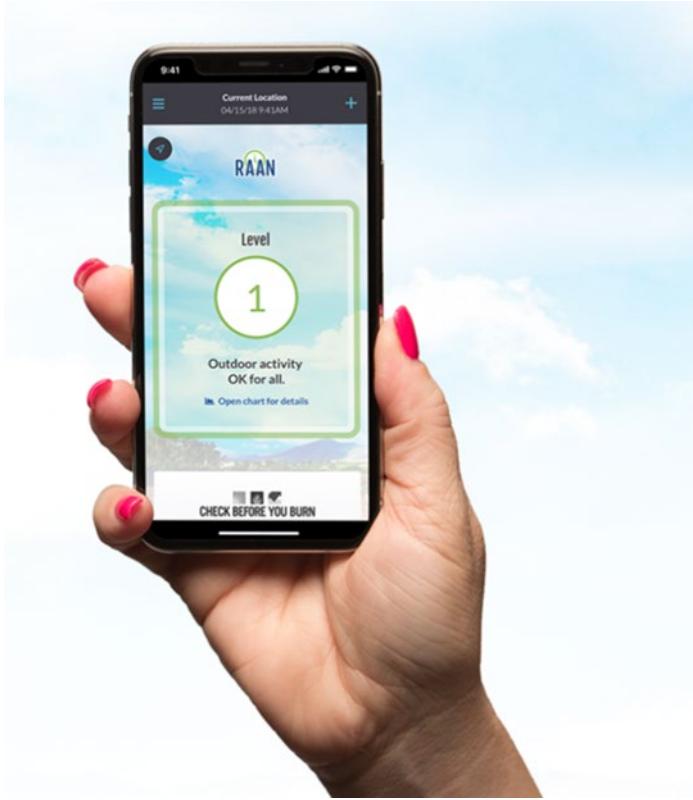
Additional air quality tools available, including:

Airnow.gov



ROAR Level	Guidelines
LEVEL 1	Outdoor activity OK for all
LEVEL 2	Sensitive individuals should consider reducing prolonged and/or vigorous outdoor activities.
LEVEL 3	Sensitive individuals should exercise indoors or avoid vigorous activities.
LEVEL 4	Sensitive individuals should exercise indoors. Everyone should avoid prolonged or vigorous outdoor activities.
LEVEL 5	Everyone should avoid outdoor activity.

Valley Air App





HEALTHY AIR LIVING™ SCHOOLS

- Engagement with Valley schools
- Educating children, parents and teachers on air quality and District programs
- Protecting health and well-being of Valley children/students
- Encourage use of RAAN (Real-time Air Advisory Network) as a tool to modify outdoor activities based on air quality
- Anti-idling campaign
- Annual kids calendar contest
- Healthy Air Heroes Activity Kits for grades K-6



Valley Clean Air Grant Opportunities



**AG EQUIPMENT
REPLACEMENTS**



**ELECTRIC
YARD TRUCKS**



**CLEANER RESIDENTIAL
WOOD BURNING DEVICES**



**DRIVE CLEAN
IN SAN JOAQUIN**



**PUBLIC BENEFIT
PROJECTS**



**VW MITIGATION TRUST
TRANSIT, SHUTTLE &
SCHOOL BUS FUND**



**LOCOMOTIVE
ENGINES**

Valley Clean Air Grant Opportunities



**AG BURN
ALTERNATIVES**



**ELECTRIC DAIRY
FEED MIXERS**



**ZERO EMISSION
AG-UTVS**



**CHARGE UP!
EV INFRASTRUCTURE**



**ZERO EMISSION
LAWN EQUIPMENT**



**HEAVY DUTY
& AG TRUCKS**



SCHOOL BUSES

How Can Residents Get Involved?

- Learn about air quality issues and be a clean-air partner
- Take clean-air actions in your daily lives, and encourage others!



- Avoid using your wood-burning fireplace and instead install a natural gas/electric device
- Use electric landscaping equipment
- Purchase an electric car for commuting
- Never burn trash
- Avoid using a leaf blower
- Avoid using a charcoal barbecue
- Check tire pressure on your vehicle
- Carpool, ride your bicycle or take public transit to work
- Walk your child to school or team up with other parents to walk/ride-share
- Avoid drive-thrus
- Link your trips to minimize car use
- Bring your lunch to work to avoid an extra trip
- Support your employer and /or organization as they try air-friendly activities
- Take advantage of the many Air District grant programs: valleyair.org/grants

Reporting a Complaint

Please provide as much detail as possible:

- Time, date and location of possible violation
- Describe what you see, smell and feel
 - See:** Smoke, fire, dust, falling ash, etc.
 - Smell:** Rotten eggs, gasoline, oil, sweet, sour, smoke, etc.
 - Feel:** Burning eyes, throat/nose irritation, breathing problem, headache, etc.
- Your name, phone # and address (optional)

How to File a Complaint

“Valley Air” App

www.valleyair.org/complaints

Northern Region: 1-800-281-7003
San Joaquin, Stanislaus and Merced counties

Central Region: 1-800-870-1037
Madera, Fresno and Kings counties

Southern Region: 1-800-926-5550
Tulare and the Valley portion of Kern counties

Need more information?

Contact Outreach and Communications

public.education@valleyair.org

Fresno office (559) 230-6000

Modesto office (209) 557-6400

Bakersfield office (661) 392-5500

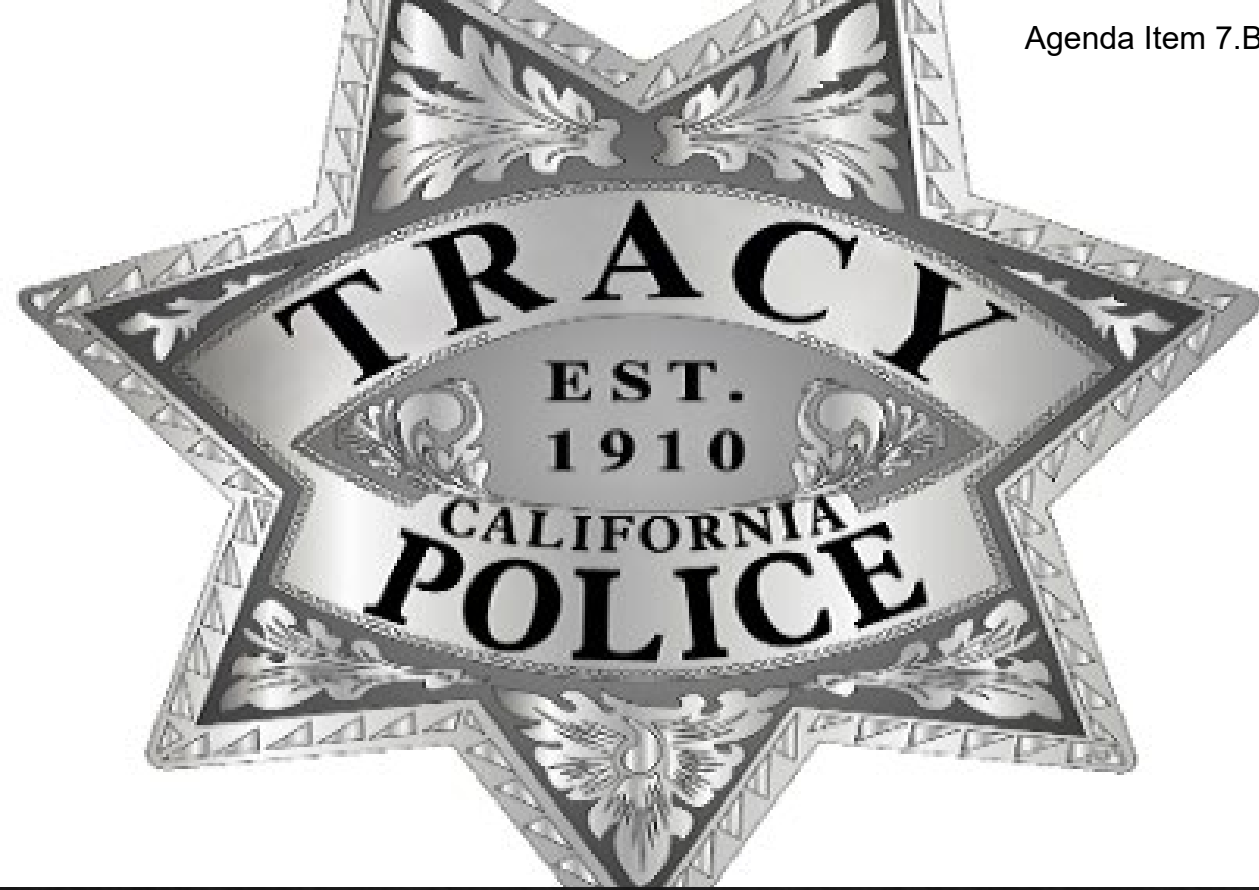
www.valleyair.org



Follow us on social media



Download the Valley Air app



Electric Bicycles & Motorized Scooters

Tracy Police Department

Overview

- ◆ Electric Bicycles / Motorized Scooters

- ◆ What is an electric bicycle?
- ◆ What is a motorized scooter?
- ◆ Laws that apply to both.

Electric Bicycle

◆ As defined by California Vehicle Code § 312.5(a):

An “electric bicycle” is a bicycle equipped with fully operable pedals and an electric motor of less than 750 watts.

Electric Bicycle

◆ **As defined by California Vehicle Code § 312.5(a):**

An “electric bicycle” is a bicycle equipped with fully operable pedals and an electric motor of less than 750 watts.

Further divided into three classes of “electric or low-speed, speed pedal-assisted electric bicycles.” Class I, Class II, Class III.

Class I

- ❖ Bicycle equipped with a motor that provides assistance only when the rider is pedaling, and that ceases to provide assistance when the electric bicycles reaches 20 MPH.



Class II

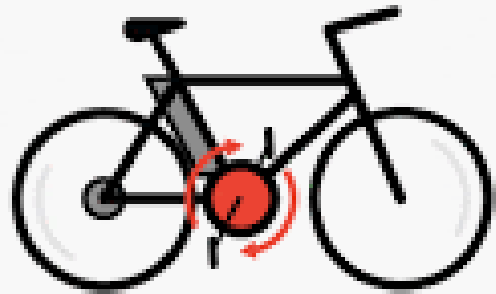
- ◆ Bicycle equipped with a throttle-actuated motor, that may be used to exclusively propel the bicycle, that ceases to provide assistance when the electric bicycle reaches 20 MPH.

Class III

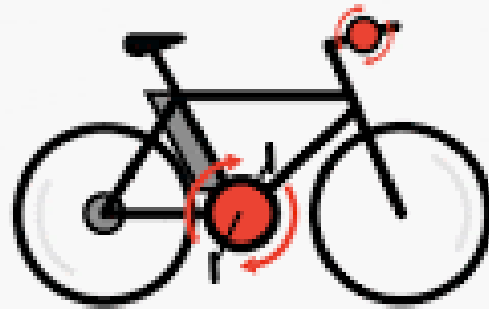
- ◇ Bicycle equipped with a motor that provides assistance only when the rider is pedaling, and that ceases to provide assistance when the electric bicycle reaches 28 MPH.

LEGAL EBIKE CLASSIFICATIONS

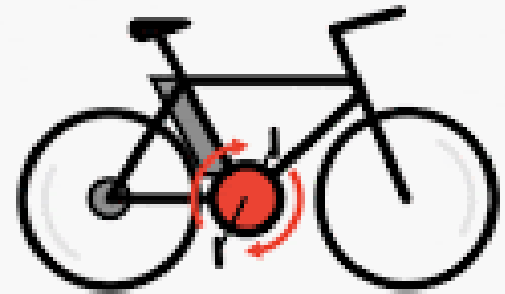
Class 1



Class 2



Class 3



Pedal-Assist



Throttle



Maximum Speed

20 mph

20 mph

28 mph

Motorized Scooter

◆ As defined by California Vehicle Code § 407.5:

(a) A motorized scooter is any two-wheeled device that has handlebars, a floorboard that is designed to be stood upon while riding, may have a seat, and is powered by an electric motor (or any other type of motor) that is capable of propelling the device with or without human power.



California's Electric Bicycle Laws

- ◆ Electric bicycles are regulated like bicycles. The same rules of the road apply to both electric bicycles and human-powered bicycles, and “riders have all the same rights and are subject to all the provisions applicable to a driver of a vehicle.” (§ 21200(a)(1) CVC).
- ◆ Bicyclists must ride in the same direction as traffic on the roadway and against the right-hand curb (§ 21650.1 CVC) AND if a bike lane has been established, shall ride within the lane (§ 21208(a) CVC).
- ◆ Electric bicycles are not subject to the registration, licensing, or insurance requirements that apply to motor vehicles.
- ◆ Must wear a DOT-approved safety helmet if under the age of 18.

California's Electric Bicycle Laws (cont'd)

Bicycles must also be operated with the following (§ 21201(a) through (e) CVC):

- (a) Brake capable of making a braked wheel skid.
- (b) Handlebars below the shoulders.
- (c) Of a size capable of being stopped safely and being supported in an upright position by the rider.
- (d) During darkness with a white lamp that illuminates the area in front of the rider and visible from 300 feet, a red reflector or red flashing light on the rear, yellow reflectors on pedals, reflectors on sides or tires with reflectors.
- (e) A lamp attached the operator meeting criteria in subdivision (d).

City of Tracy Bicycle Ordinances

Tracy Municipal Code, chapter 3.20 article 2:

- ◇ § 3.20.100 – Riders must not ride on the sidewalk unless a child is under 8 years of age.
- ◇ § 3.20.110 – Must keep right of roadway.
- ◇ § 3.20.130 – Must ride on a seat, passengers must also ride on a seat rear of the operator.
- ◇ § 3.20.140 – Can't hitch a ride on a moving vehicle.
- ◇ § 3.20.150 – Obey traffic signs and signals.

Motorized Scooter Laws



Minors have to wear helmets (CVC 21235(c))



Maximum speed is 15 MPH (CVC 22411)



Use bike lanes (CVC 21229)



Stay off the sidewalks, and have a valid license (CVC 21235)



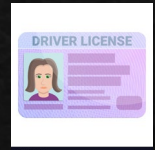
Dismount and walk for left-hand turns (CVC 21228)



Crosswalk rules (CVC 275)



No passengers allowed (CVC 21235)



Need a Class C driver license (CVC 12804.9)

Motorized Scooter Laws

§ 21223 CVC – Lighting requirements

*Basically, same requirement as bicycles/e-bikes.

- (a) Every motorized scooter operated upon any highway during darkness shall be equipped with the following:
 - (1) Except as provided in subdivision (b), a lamp emitting a white light which, while the motorized scooter is in motion, illuminates the highway in front of the operator and is visible from a distance of 300 feet in front and from the sides of the motorized scooter.
 - (2) Except as provided in subdivision (c), a red reflector on the rear that is visible from a distance of 500 feet to the rear when directly in front of lawful upper beams of headlamps on a motor vehicle.
 - (3) A white or yellow reflector on each side visible from the front and rear of the motorized scooter from a distance of 200 feet.
- (b) A lamp or lamp combination, emitting a white light, attached to the operator and visible from a distance of 300 feet in front and from the sides of the motorized scooter, may be used in lieu of the lamp required by paragraph (1) of subdivision (a).
- (c) A red reflector, or reflectorized material meeting the requirements of Section 25500, attached to the operator and visible from a distance of 500 feet to the rear when directly in front of lawful upper beams of headlamps on a motor vehicle, may be used in lieu of the reflector required by paragraph (2) of subdivision (a).

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AXON FLEX 2 X83116581



Scooter capable of speeds in excess of 45 mph!

Safety of Bike Facilities



QUESTIONS??

Ofc. Perez

209-831-6634

Alberto.perez@tracypd.com

Cpl. Speaks

209-831-6676

Erik.speaks@tracypd.com