

# Stockton CERP Implementation Updates

Stockton CSC Meeting  
March 6, 2024

# Stockton CERP Implementation Updates

Commercial Lawn and Garden  
Measure Opportunities

Subcommittee Discussion

# Commercial Lawn and Garden Discussion

Replace gas powered commercial lawn equipment with new electric options

*\*Public schools in AB 617 boundary eligible for free additional batteries and chargers*

**Funding in CERP**

\$100,000

**Status**

133 applications received

**Remaining Funding**

\$0

- District received **133** applications from Stockton Unified School District for new electric chainsaws, edgers, hedge trimmers, leaf blowers, pole saws, string trimmers and lawn mowers to reduce emissions at **27 different AB 617 schools within the community**
- District moved forward with **58** applications with available funding, **75 applications remaining due to funding in CERP**
- Opportunity for funding reallocation to support remaining applications

# Commercial Lawn and Garden Discussion

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*\*Public schools in AB 617 boundary eligible for free additional batteries and chargers*

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## Goals/Benefits of Project

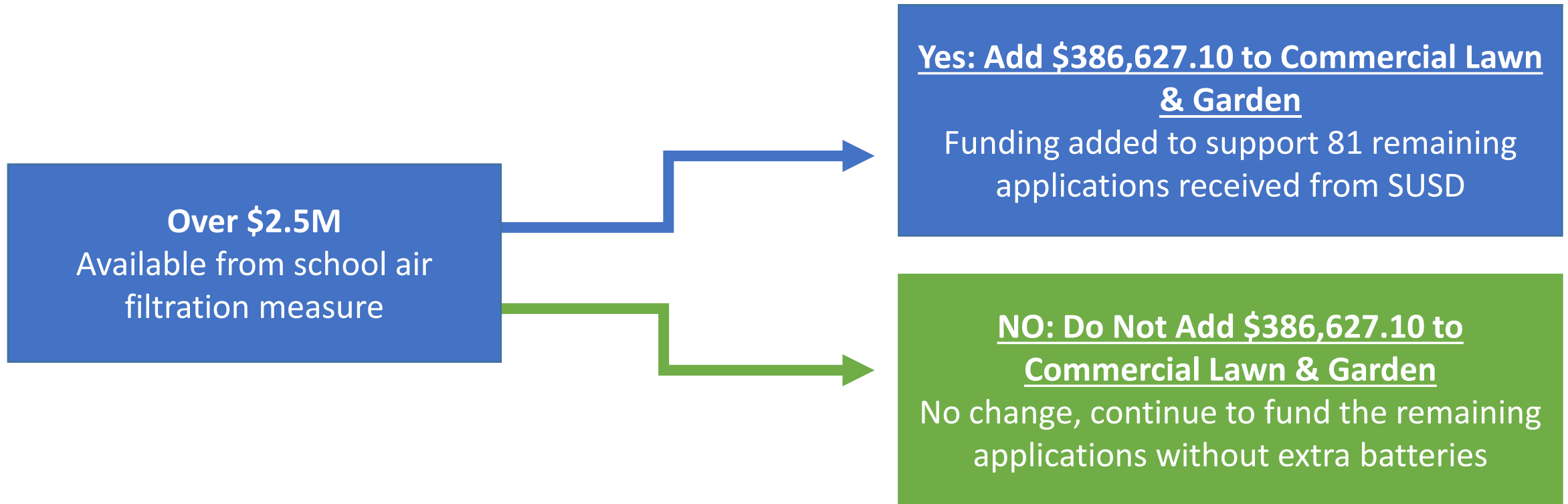
- Reducing emissions in communities, especially around sensitive receptors
- Scrap older, dirtier equipment
- Opportunity to reallocate funds from one school CERP measure (i.e. school air filtration) to another school measure that reduces emissions

# Pricing Examples



Equipment Type	Average Equipment Cost	Average Battery (2) + Charger Cost	Program Voucher Amount
Riding Lawn Mower	~\$25,000	NA	\$15,000
Leaf Blower	~\$1,600	~\$2,600	\$1,400
String Trimmer or Chainsaw	~\$1,200	~\$1,000	~\$700

# Opportunities to support Stockton Unified School District to reduce emissions



*Over \$2M remaining for reallocation in other measures as necessary*

# Subcommittee Discussion

	VOLUNTEER CO-LEAD(S)	PROPOSED MEETING SCHEDULE	RECENT ACTIONS	District and CARB Leads	Other Considerations
<u><a href="#">TREES</a></u>	Matt Holmes Clifton Maxwell	Next meeting: April 19 @ 4pm (monthly)	Met on Mar 15 <a href="#">Continuous Agenda</a> Subcommittee working with Air District to draft Request for Proposals (RFP)	District: David Lopez, <a href="mailto:david.lopez@valleyair.org">david.lopez@valleyair.org</a> CARB: Skott Wall, <a href="mailto:Skott.Wall@arb.ca.gov">Skott.Wall@arb.ca.gov</a>	Project Plan Approved
<u><a href="#">INDOOR AIR MEASURES</a></u>	Elaine Barut Dr. Catherine Garoupa White	Next Meeting: May 24 @ 4pm (bi-monthly)	Met on Mar 22 <a href="#">Continuous Agenda</a> Subcommittee discussed existing weatherization programs and program features to solicit CSC feedback on	District: Jeannine Tackett, <a href="mailto:Jeannine.Tackett@valleyair.org">Jeannine.Tackett@valleyair.org</a> CARB: Kyle Goff, <a href="mailto:Kyle.Goff@arb.ca.gov">Kyle.Goff@arb.ca.gov</a>	Need Project Plan Approval
<u><a href="#">EV MECHANIC TRAINING</a></u>	Ed Ward Taylor Williams	Next Meeting: April 20 @ 2 pm	Met on Feb 24 <a href="#">Continuous Agenda</a> Poll sent to subcommittee members regarding next steps for project & co-leads coordinating with agency partners	District: Brian Dodds, <a href="mailto:Brian.Dodds@valleyair.org">Brian.Dodds@valleyair.org</a> CARB: Hanjiro Ambrose, <a href="mailto:Hanjiro.Ambrose@arb.ca.gov">Hanjiro.Ambrose@arb.ca.gov</a>	Need Project Plan Approval
<u><a href="#">OUTREACH</a></u>	Jonathan Pruitt Espe Vielma	Next Meeting: April 15 @ 2pm	Met on Mar 18 Discussed upcoming outreach events and outreach plans for approved CERP measures	District: Heather Heinks, <a href="mailto:Heather.Heinks@valleyair.org">Heather.Heinks@valleyair.org</a> CARB: Skott Wall, <a href="mailto:Skott.Wall@arb.ca.gov">Skott.Wall@arb.ca.gov</a>	
<u><a href="#">HEAVY-DUTY TRUCKS</a></u>	Ed Ward Nate Knodt	Next Meeting: April 25 @ 4 pm	First meeting scheduled for April 25 @ 4pm	District: Jeannine Tackett, <a href="mailto:Jeannine.Tackett@valleyair.org">Jeannine.Tackett@valleyair.org</a> CARB: Eric Bissinger, <a href="mailto:Eric.Bissinger@arb.ca.gov">Eric.Bissinger@arb.ca.gov</a>	
<u><a href="#">ALGAL BLOOMS</a></u>	Spencer Fern Mariah Looney (alt)	Next Meeting: April 2022	Met on Mar 23 <a href="#">Continuous Agenda</a> Co-leads & partners provided HABs overview and work currently being done in the field	District: Jon Klassen, <a href="mailto:Jon.Klassen@valleyair.org">Jon.Klassen@valleyair.org</a> CARB: Eric Bissinger, <a href="mailto:Eric.Bissinger@arb.ca.gov">Eric.Bissinger@arb.ca.gov</a>	
<u><a href="#">REGULATORY AND ENFORCEMENT</a></u>	Deby Provost	Next Meeting: April 12 @ 4pm (quarterly)	First meeting scheduled for April 12 @ 4pm	District: Mark Rasmussen, <a href="mailto:Mark.Rasmussen@valleyair.org">Mark.Rasmussen@valleyair.org</a> CARB: Udo Ofoha, <a href="mailto:Udokaoma.Ofoha@arb.ca.gov">Udokaoma.Ofoha@arb.ca.gov</a>	
<u><a href="#">SCHOOL MEASURES</a></u>	None listed	Q3 2022		District: Jeannine Tackett, <a href="mailto:Jeannine.Tackett@valleyair.org">Jeannine.Tackett@valleyair.org</a> CARB: Kyle Goff, <a href="mailto:Kyle.Goff@arb.ca.gov">Kyle.Goff@arb.ca.gov</a>	
<u><a href="#">INFRASTRUCTURE (BIKE LANES)</a></u>	None listed	Q3 2022		District: Nhia Vu, <a href="mailto:NhiaVu@valleyair.org">NhiaVu@valleyair.org</a> CARB: Hanjiro Ambrose, <a href="mailto:Hanjiro.Ambrose@arb.ca.gov">Hanjiro.Ambrose@arb.ca.gov</a>	Need Project Plan Approval

# Indoor Air and Weatherization Subcommittee

**San Joaquin Valley Air Pollution Control District  
AB 617 Community Emission Reduction Program**

## Residential Air Filtration Program Plan

**South Central Fresno Community  
Shafter Community  
Stockton Community**

## PROJECT IDEAS

- South C
- Shafter
- Stockto
- Weathe

This is a Com  
Resources Bo  
Programs (CE  
Investments, a  
reducing green  
health and the



**San Joaquin Valley**  
AIR POLLUTION CONTROL DISTRICT

## Clean Air Room Program

## Clean Air Room Program - Request for Quotations #2023-001

## Portable Indoor Air Filtration Units

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- Subcommittee assisted in development of air purifier program by providing feedback on Project Plan and Request for Proposals (RPF) to begin implementation
- Now that program is open, continued discussion happening in Outreach Subcommittee



# Outreach Subcommittee

- **Current Status:** Regular bimonthly meetings. Recent topics include air purifier program events, Earth day events, school outreach
- **Next Steps:** Next Outreach Subcommittee scheduled for **Friday, April 12**
  - Potential topics: upcoming community events, air purifier outreach, mower distribution event
  - Please join and add topics!

Stockton Outreach Subcommittee Event Tracker				
File Edit View Insert Format Data Tools Extensions Help				
Menus				
A B C D E				
Stockton Outreach Subcommittee - Community Event Tracker				
Event Passed?	Event Name	Date	Location	Additional Comments
<input checked="" type="checkbox"/>	George Washington Elementary Parent Out Reach	9/19/2023	George Washington Elementary	Issued out 150 informational packets to parents during after school pick ups.
<input checked="" type="checkbox"/>	Hispanic Heritage Celebration	9/24/2023	Stockton Memorial Civic Auditorium	
<input checked="" type="checkbox"/>	Central Valley Recovery, Awareness Preventing Stroke	9/26/2023	St. Joseph's Medical Center	
<input checked="" type="checkbox"/>	Science Alliance Night	10/19/2023	McKinley Elementary	School couldn't get permission for us to be on campus
<input checked="" type="checkbox"/>	Fall Harvest Festival	10/23/2023	Van Buskirk Community Center	Handing out information & 25 air purifiers
<input checked="" type="checkbox"/>	KIPP Stockton Charter Schools	11/6/2023	University Park/Stockton Middle School	500 flyers promoting the CAR program were distributed to parents of these charter schools
<input checked="" type="checkbox"/>	San Joaquin Elementary School Fall Outreach	11/14/2023	San Joaquin Elementary	
<input checked="" type="checkbox"/>	Thanksgiving Giveaway	11/20/2023	Conway Homes Resident Council	Handing out information & 150 air purifiers
<input checked="" type="checkbox"/>	San Joaquin Elementary Coffee Hour Air Purifier Distribution Event	12/12/2023	San Joaquin Elementary	
<input checked="" type="checkbox"/>	McKinley Elementary Air Purifier Distribution Event	12/14/2023	McKinley Elementary	
<input checked="" type="checkbox"/>	STAND Farmers Market Air Purifier Distribution Event	01/04/2024	STAND	
<input checked="" type="checkbox"/>	Tune In Tune Up / Air Purifier Distribution Event	02/03/2024	San Joaquin County Fairgrounds	Handed out 50 in person and signed up another 29 residents for mail delivered units

# Trees Subcommittee




**San Joaquin Valley Air Pollution Control District**  
**AB 617 Community Emission Reduction Program**

**Vegetative Barriers and Urban Greening**  
**Community Identified Emissions Reduction Project Plan**

**PROJECT IDENTIFICATION**

This is a Community Resources Board (CRB) Program (CERP). The Program is part of the Cap-and-Trade dollars of Cap-and-Trade dollars to the economy, and improve disadvantaged communities.

Vegetative Barriers are quality impacts. Projects in the community in order to strategies *UG.1 Increase for the Installation of* proposes to identify a Vegetative Barrier/Urban



The San Joaquin Valley Air Pollution Control District is seeking proposals from entities to implement Urban Greening projects in the Stockton AB 617 Community.

**DRAFT - 2022 REQUEST FOR PROPOSALS**

Stockton Community Emissions Reduction Program: Urban Greening

- Subcommittee provided feedback on Project Plan and Request for Proposals (RFP)
- **Current Status:** Working with applicant to RFPs to provide updated proposals
- **Next Steps:** Next Trees Subcommittee tentatively scheduled for Wednesday, March 27, to provide updates on process

# Heavy-Duty Trucks Subcommittee



- District continuing outreach on heavy-duty truck infrastructure and replacement measure
- Next meeting: Outline District work to date and evaluate timeline and deadlines for measure
- Tentative Meeting Date: End of April

# EV Mechanic Training

- **Next Meeting:** Refresh history of progress and evolution on measure and to discuss final next steps
- Co-leads coordinate and plan ahead of meetings, let us know if you'd like to be involved!
- **Tentative Meeting Date:** May 2024

## Linked Resources/Documents/Attachments

### Subcommittee Resources

- [Sign In/Comment Sheet](#)
- [Nov 3 CSC Meeting Breakout Notes](#)
- [Info Gathering Notes](#)

### Stockton CERP Docs (All Committees)

- [AB617 Stockton CERP](#)
- [AB617 Boundary Map](#)
- [AB617 Outreach Database](#)
- [CERP Subcommittee Tracker](#)

Other  
•

March 7, 2023 | 1-2 pm

Time	Agenda Item
10 min	Welcome & <a href="#">Sign-in</a>
5 min	<p>Review of context and previous meetings</p> <ul style="list-style-type: none"><li>• Discussed three options for investment in EV mechanics training</li><li>• CNCDA / Tracy Mazda -- reviewing skills and hiring needs</li><li>• Updates from ValleyCAN -- placed 40-hour and 4-unit basic programming; working on placing advanced program<ul style="list-style-type: none"><li>◦ Previous proposal -- covering costs to sustain Delta's hosting of ValleyCAN's 40-hour program</li></ul></li><li>• Subcommittee wanted to focus on high school age youth, access broader range of students, and create pipelines from high schools into jobs/further training and education</li></ul>
40 min	<p>Review proposed recommendation from San Joaquin County Office of Education and Vivayic</p> <p>Group discussion and questions from subcommittee, to determine whether to recommend proposal to CSC</p>
5 min	<p>Next steps &amp; commitments</p> <ul style="list-style-type: none"><li>•</li></ul>



# Regulatory & Enforcement Subcommittee

- Worked with resident co-lead and subcommittee attendees to set topics based on sources of concern
- Reviewed many topics including biomass plants, enhanced enforcement of dust, indirect source review
- We need more topics! Come to our next subcommittee meeting on **Tuesday, April 9**, to share your interest

Top NOx Emissions Sources	NOx (tons per year)
On-Road Mobile (HD Trucks)	196
On-Road Mobile (light-duty vehicles)	166
Off-Road Mobile (trains)	148
Off-Road Mobile (equipment)	140
Areawide Fuel Combustion (Manufacturing)	121
Off-Road Mobile (Ocean Going Vessels)	113
Biomass Power Plants	103

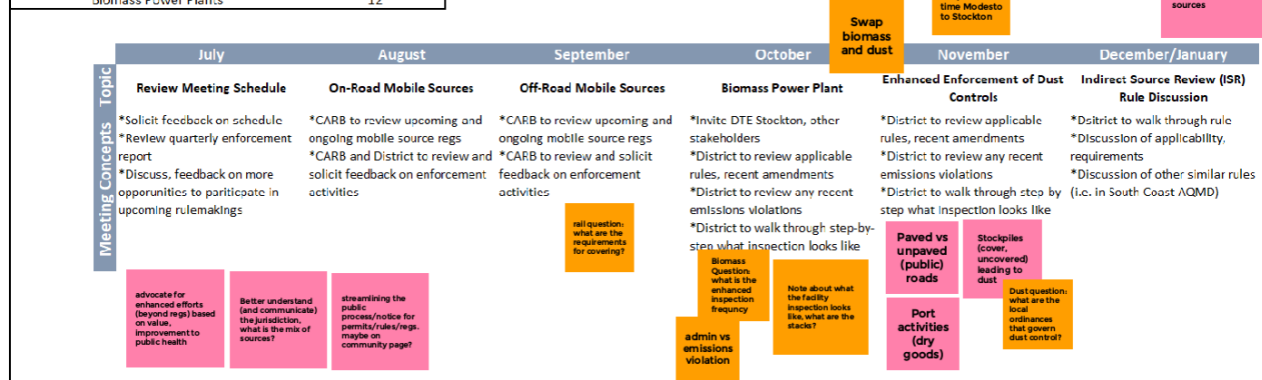
Top PM2.5 Emissions Sources	PM2.5 (tons per year)
Cooking	38
On-Road Mobile (HD Trucks, light-duty vehicles)	22
Off-Road Mobile (Trains, Ocean Going Vessels)	18
Paved Road Dust	14
Residential Fuel Combustion	13
Biomass Power Plants	12

## Summary of Purpose

In order to provide transparency and empower community members, it is important that the District, CARB, and the CSC work together to better communicate to the residents and business communities what the air pollution control regulations are, and how to take action and file complaints. The Regulatory and Enforcement Subcommittee is eager to stay informed and work with the agencies to make a difference in the community.

## Summary of Next Steps (from last meeting)

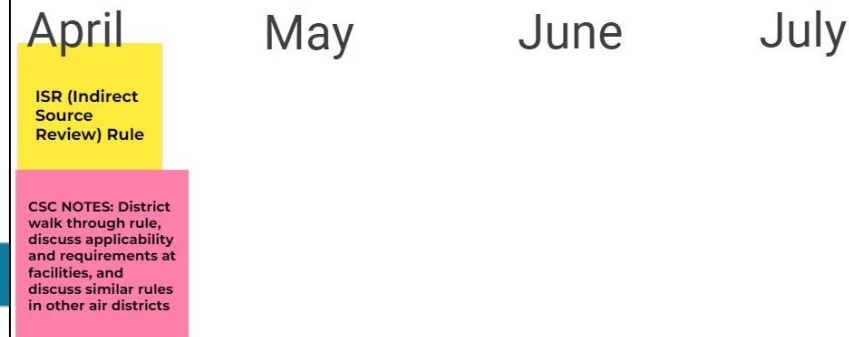
- Prioritize source in order of emissions
- Layout schedule for deep-dive into top emissions sources in community (which rules apply, inspection examples)
- Schedule discussion of ISR
- Review quarterly enforcement report, recent activities



Top NOx Emissions Sources	NOx (tons per year)
✗ On-Road Mobile (HD trucks)	196
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## Remaining topics



# Infrastructure (Bike Lanes)

## LU.2: BIKE PATH INFRASTRUCTURE FUNDING

**Overview:** The purpose of this measure is to assess current bike path infrastructure and seek out additional funding opportunities to make the community more bike and walk friendly.

Reducing emissions from motor vehicles through the implementation of alternate modes of transportation, including bicycling, is important to reduce the public's exposure to vehicle emissions including NOx and PM2.5. This strategy would provide incentive funding for the development and construction of Class 1, Class 2, and Class 3 bicycle paths, lane striping, and routes. The proposed funding level of this measure would be consistent with established District guidelines from the District's REMOVE and Public Benefit Grants Programs. Additionally, the District will work with transportation agencies in the Stockton area, and seek to assist these agencies to help identify and leverage existing funds, in addition to AB 617 funding.

**Implementing Agencies:** SJVAPCD, City of Stockton, San Joaquin County, and San Joaquin Council of Governments

**Strategy Type:** Incentives

**Emission Outcome:** Reduction

**Budgeted Amount:** \$500,000

**Quantifiable Emission Reductions:** Estimated lifetime emissions reductions associated with this measure includes up to 2 tons of PM, 3 tons of NOx, and 6 tons of VOC.

- Working with partnering agencies, including City of Stockton, to bring proposal before committee
- District will work to ensure scope of project falls in eligible cost
- Tentative meeting to review project April/May 2024

# Harmful Algal Blooms

- Met regularly last Spring/Summer when water sampling was occurring and to hear updates on latest research
- Working with Restore the Delta to begin subcommittee meetings in April/May timeframe when sampling season starts
- Special subcommittee to bring back Delta Stewardship Council to discuss Climate Adaptation Plan in April

## Harmful Algal Blooms

Outcome Performance Measure 6.10, Last updated: February 26, 2024 | [About this Measure](#)

HABs produce toxins that are dangerous to humans and animals. In 2022, data showed increased harmful cyanobacterial levels in waterbodies throughout California's Delta.

### The Measure

Spatial coverage of freshwater harmful algal blooms (HABs) in select waterbodies in the Delta is reduced.

#### EXPECTATIONS

Spatial coverage of freshwater harmful algal blooms (HABs) in select waterbodies in the Delta is reduced.

#### PERFORMANCE METRICS

• Spatial coverage (acres) of Microcystis sp. cell concentration equivalent to fall 2019 in Delta waterbodies



August 9, 2022 | 1:00pm-2:00pm

### Meeting Objectives:

- Revisit [AB617 CERP HABs Measures](#)  
○ Pg. 82-83
- [AB617 Outreach Database](#) (HABs, Trees, Indoor Air Quality, CAMP, Etc)
- Discuss what's happened since last meeting
- Cover what went down in the HABs Meeting with the scientists
- Results of RTD testing the past month

### Linked Resources/Documents/Attachments

#### Subcommittee Resources

- [Sign In/Comment Sheet](#)
- [Water Reporter Map](#) from RTD
- [Video on HABs](#)
- [Air Modeling](#)

#### SWRCB Resources

- [HAB Incident Reports Map](#)

#### Stockton CERP Docs (All Committees)

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#### OTHER

- Any New Relevant Gov Info?
- Plans for future meetings?