

CERP IMPLEMENTATION UPDATE

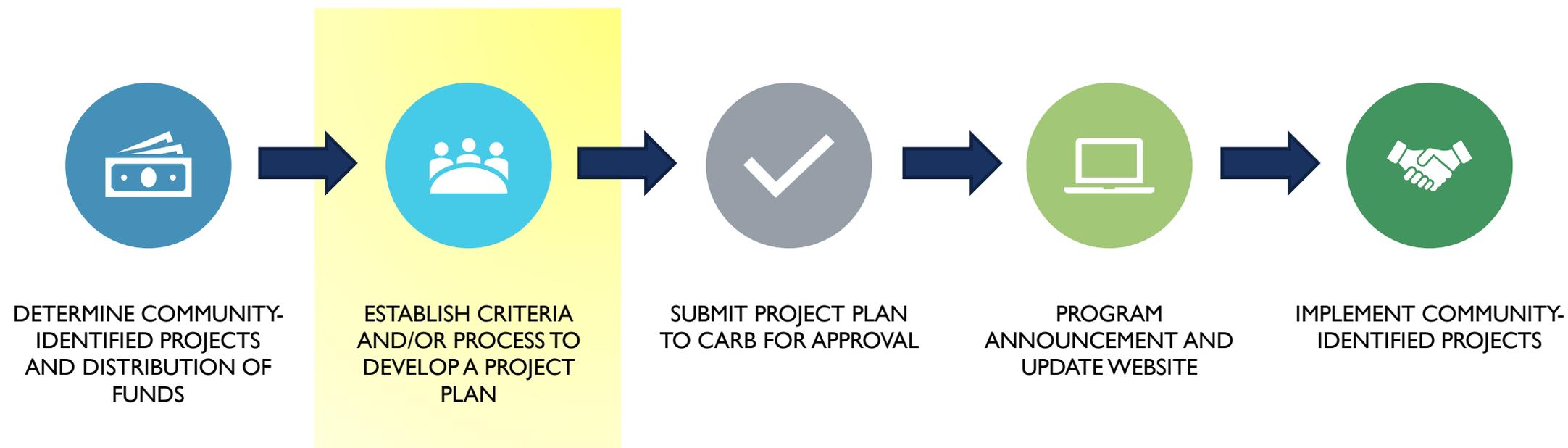
- HOME AIR FILTRATION AND PURIFIER PROJECTS -

EASTERN COACHELLA VALLEY (ECV)
DECEMBER 7TH, 2021



Pedro Piqueras, Ph.D.
Air Quality Specialist

OVERVIEW OF PROJECT PLANS FOR COMMUNITY-IDENTIFIED PROJECTS



HOME AIR FILTRATION AND PURIFIER PROJECTS RECOMMENDATION

ECV community
shares similar scores
across health and
socioeconomic
indicators



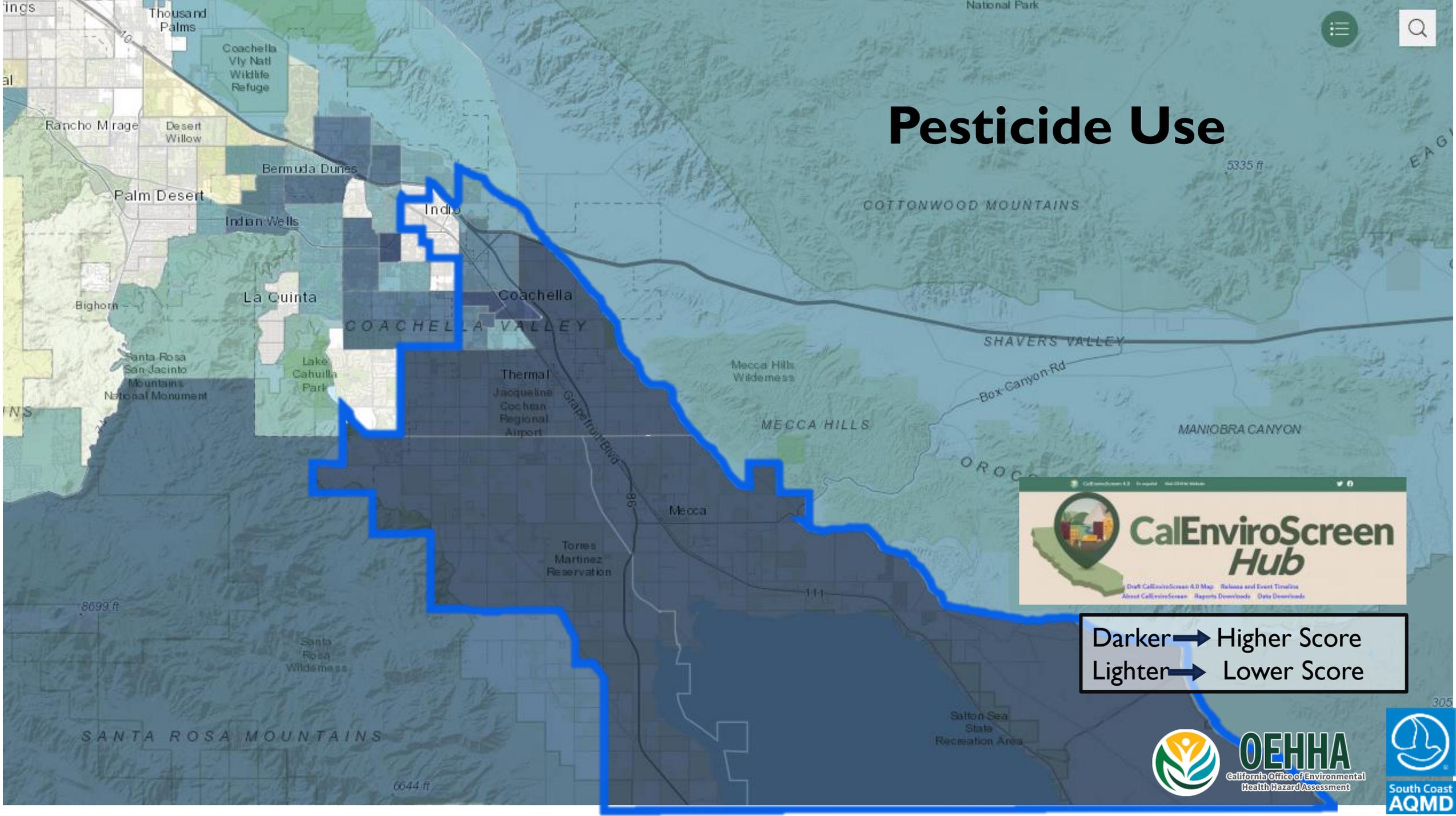
Applicants with an
address within the
ECV community
boundary are eligible
to receive a home
air filter



To expedite the
process, the Budget
Working Team
supports a first
come, first served
basis

Some CSC suggested criteria is not verifiable (as required by CARB) or cannot be used due to privacy concerns (e.g., cancer incidences)

Pesticide Use



Darker -> Higher Score
Lighter -> Lower Score



OEHHA
California Office of Environmental
Health Hazard Assessment



South Coast
AQMD

Traffic Impacts



Darker → Higher Score
Lighter → Lower Score

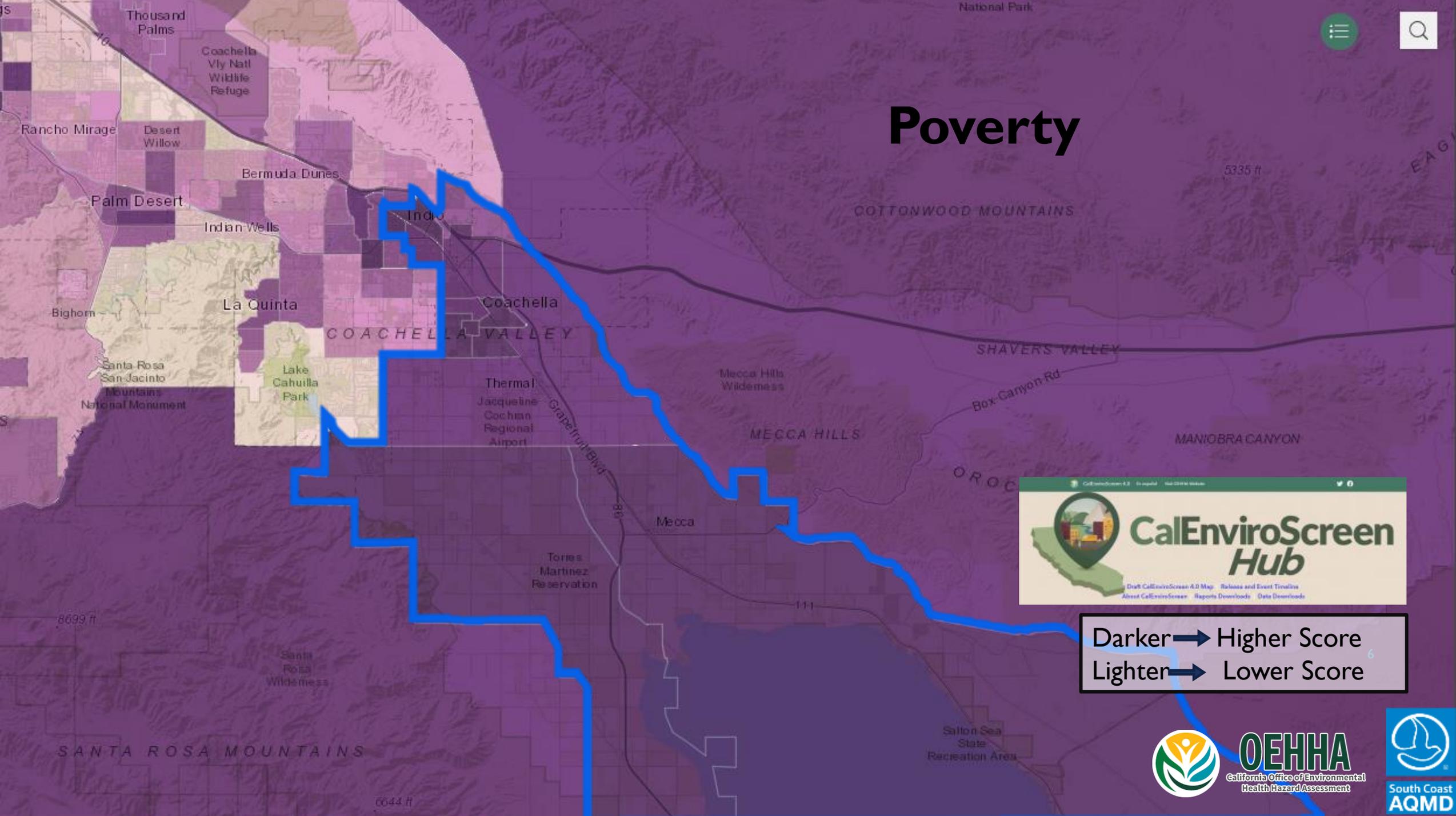


OEHHA
California Office of Environmental
Health Hazard Assessment



South Coast
AQMD

Poverty



Darker → Higher Score
Lighter → Lower Score

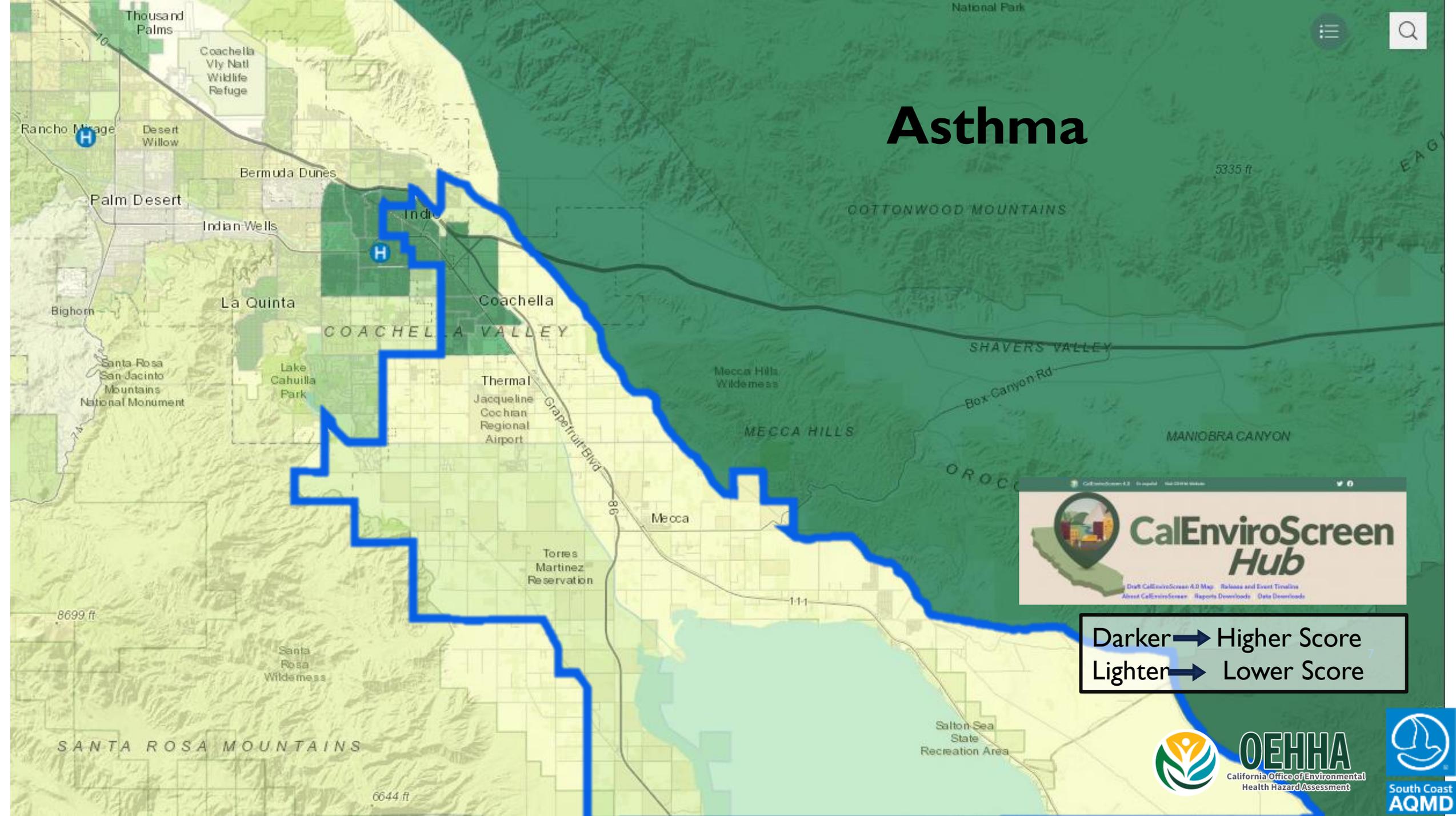


OEHHA
California Office of Environmental
Health Hazard Assessment



South Coast
AQMD

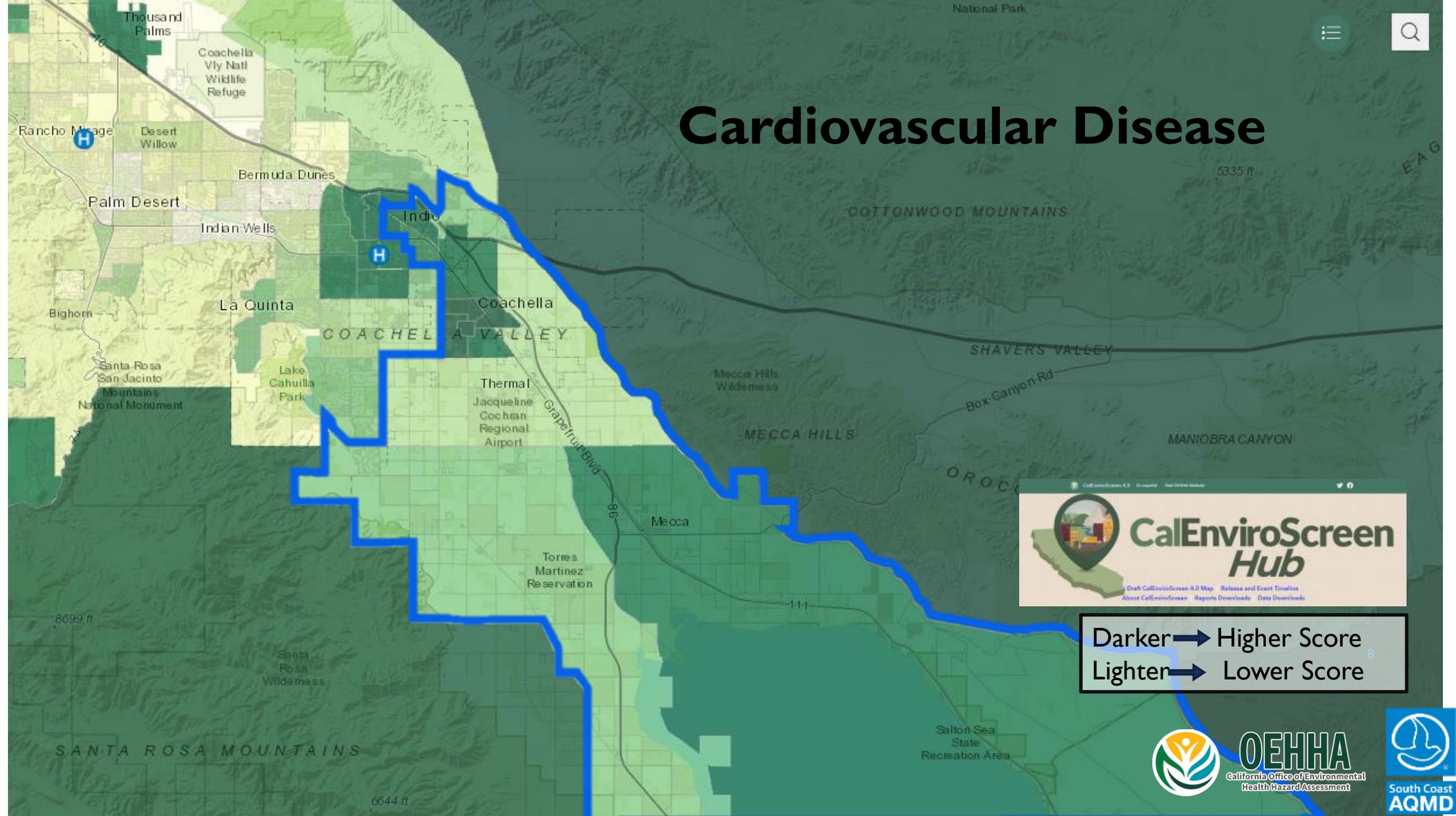
Asthma



Darker → Higher Score
Lighter → Lower Score

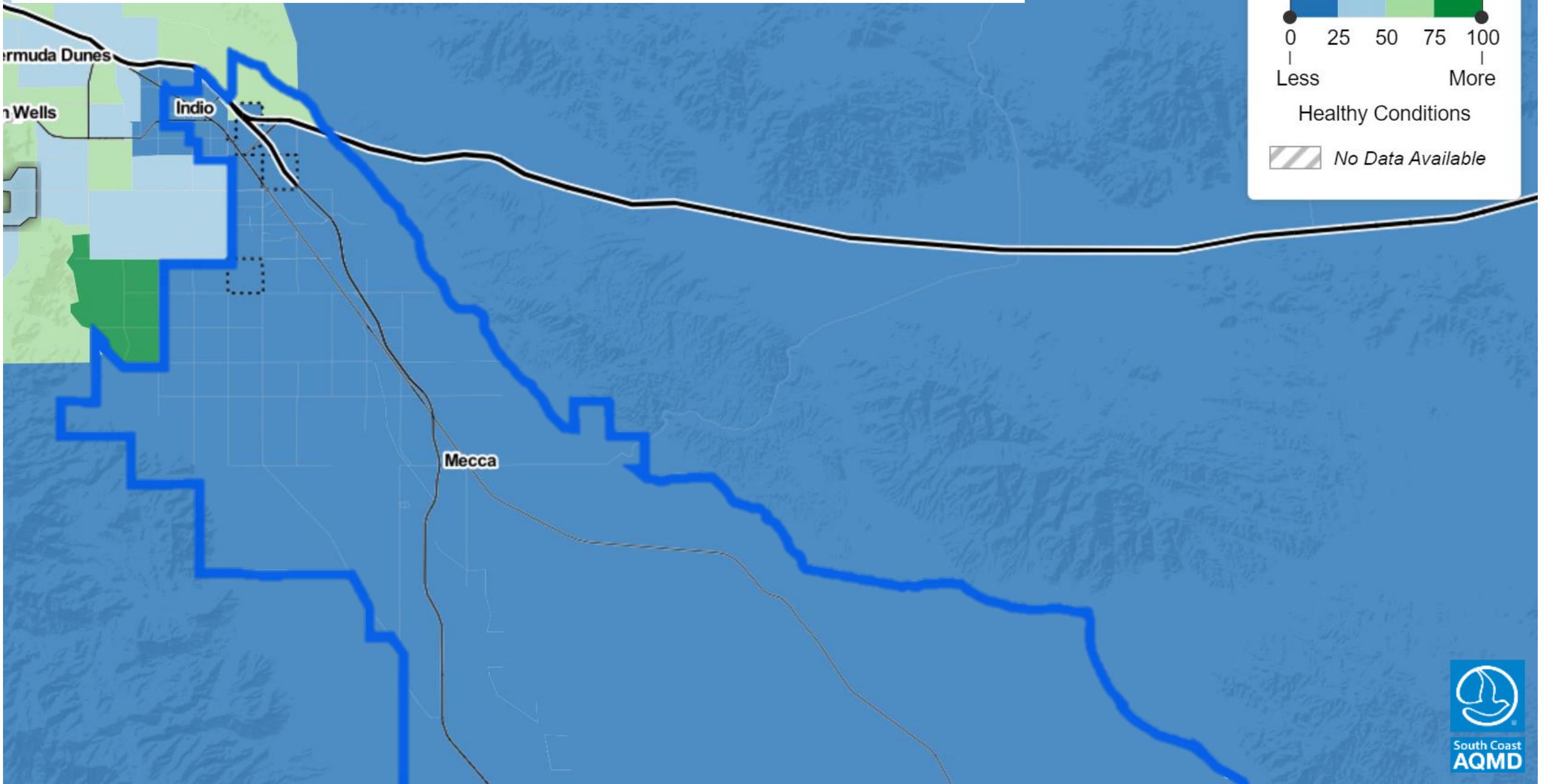


Cardiovascular Disease



Darker → Higher Score
Lighter → Lower Score





QUESTIONS?

PORTABLE AIR PURIFIER COST ESTIMATE

Possible Criteria for Qualified Purifiers

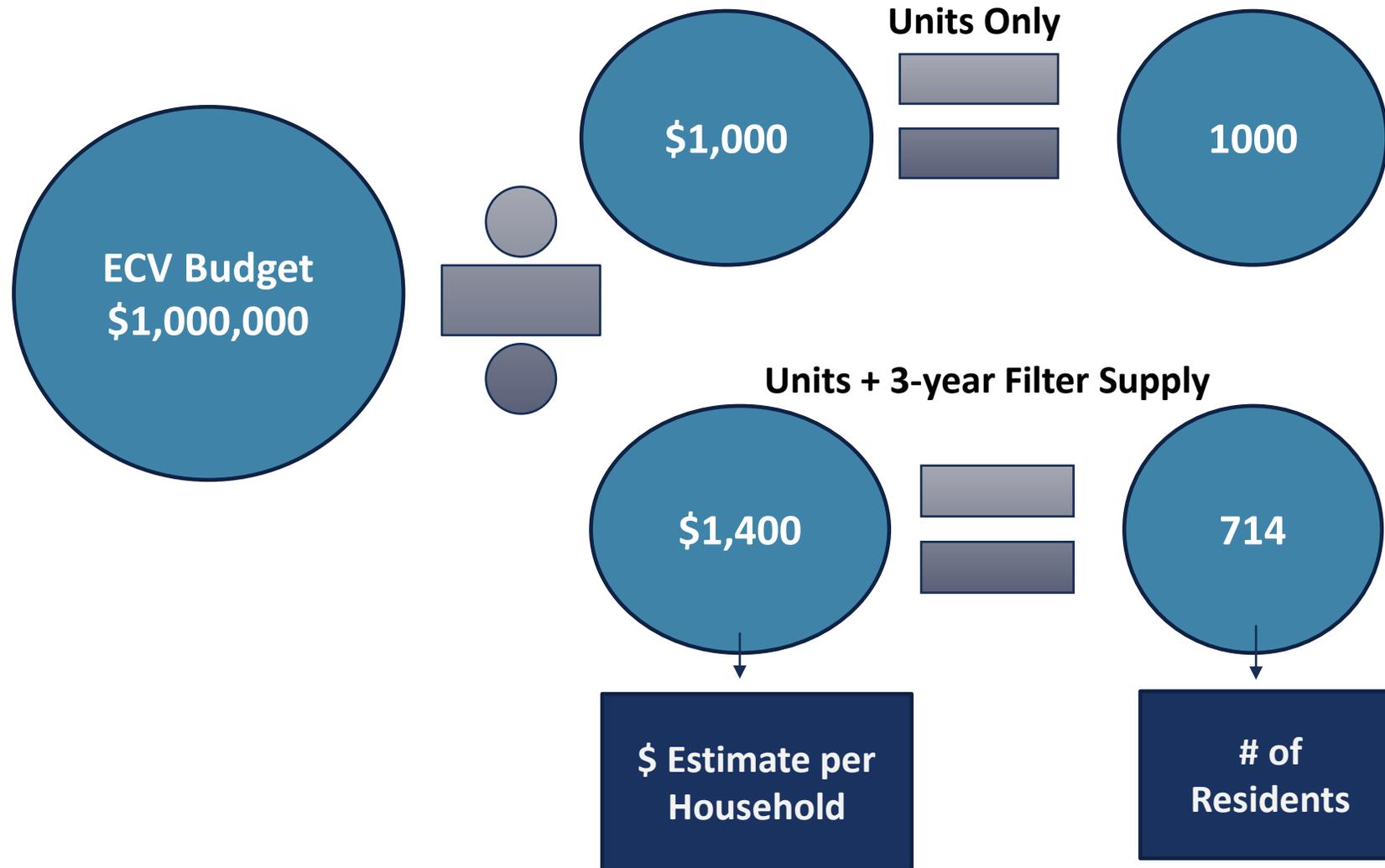
- Listed as CARB certified air purifier (ozone and safety)
<https://ww2.arb.ca.gov/list-carb-certified-air-cleaning-devices>
- Certified by Association of Home Appliance Manufacturers (AHAM) for performance
- Labelled as True HEPA, Hyper HEPA, or other equivalent manufacturer rating

Unit Price, Smaller Areas	Unit Price, Larger Areas	Replacement Filters (3-year supply)
• \$150-\$400 *	• \$800-\$1,000 *	• \$250-\$400 **

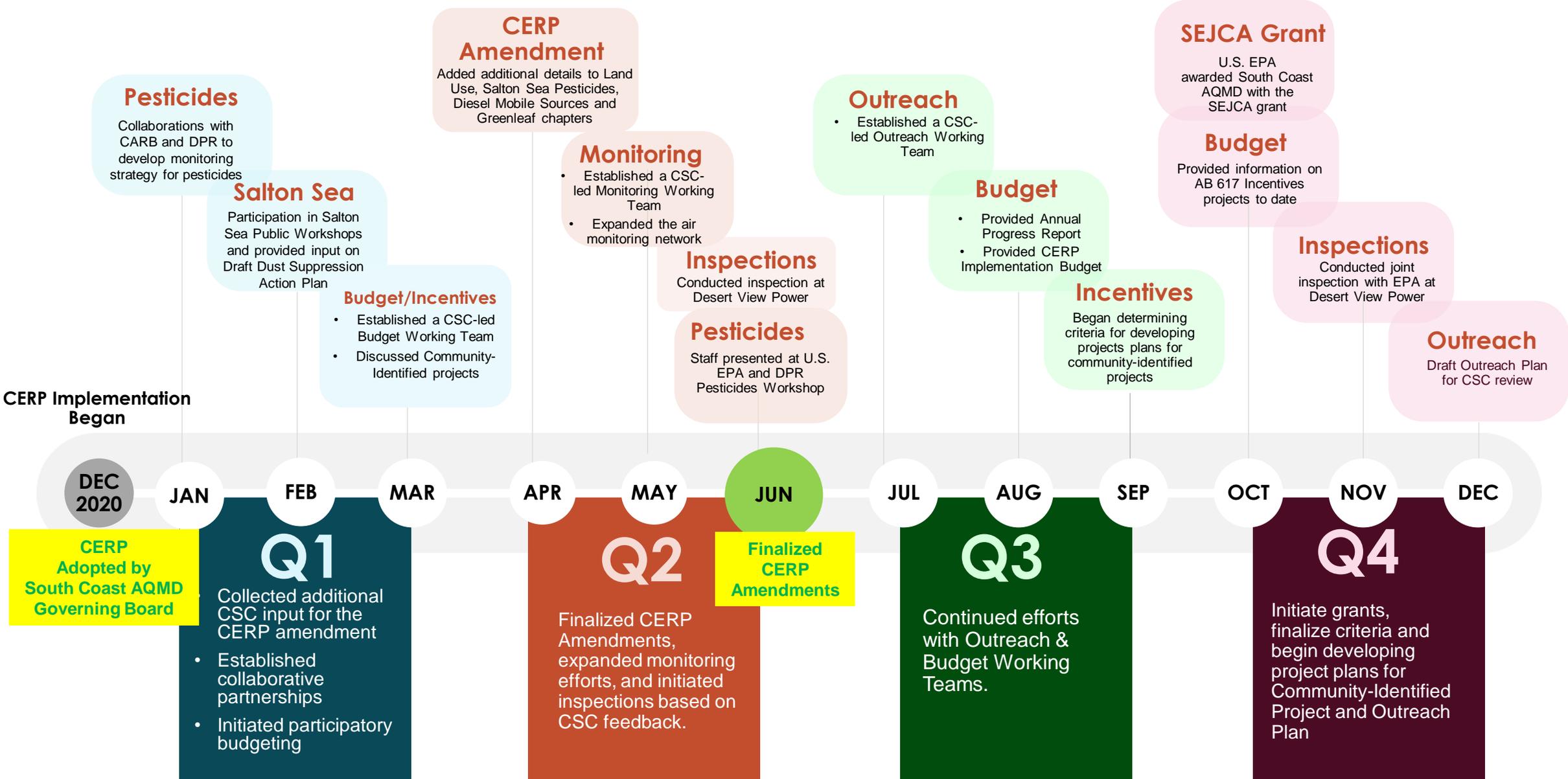
** Units will be provided for max 1200 sq.ft (Max 3 units for small areas or Max 1 unit for a larger area)*

*** Varies based on the air purifier brand/model*

ESTIMATED NUMBER OF HOUSEHOLDS

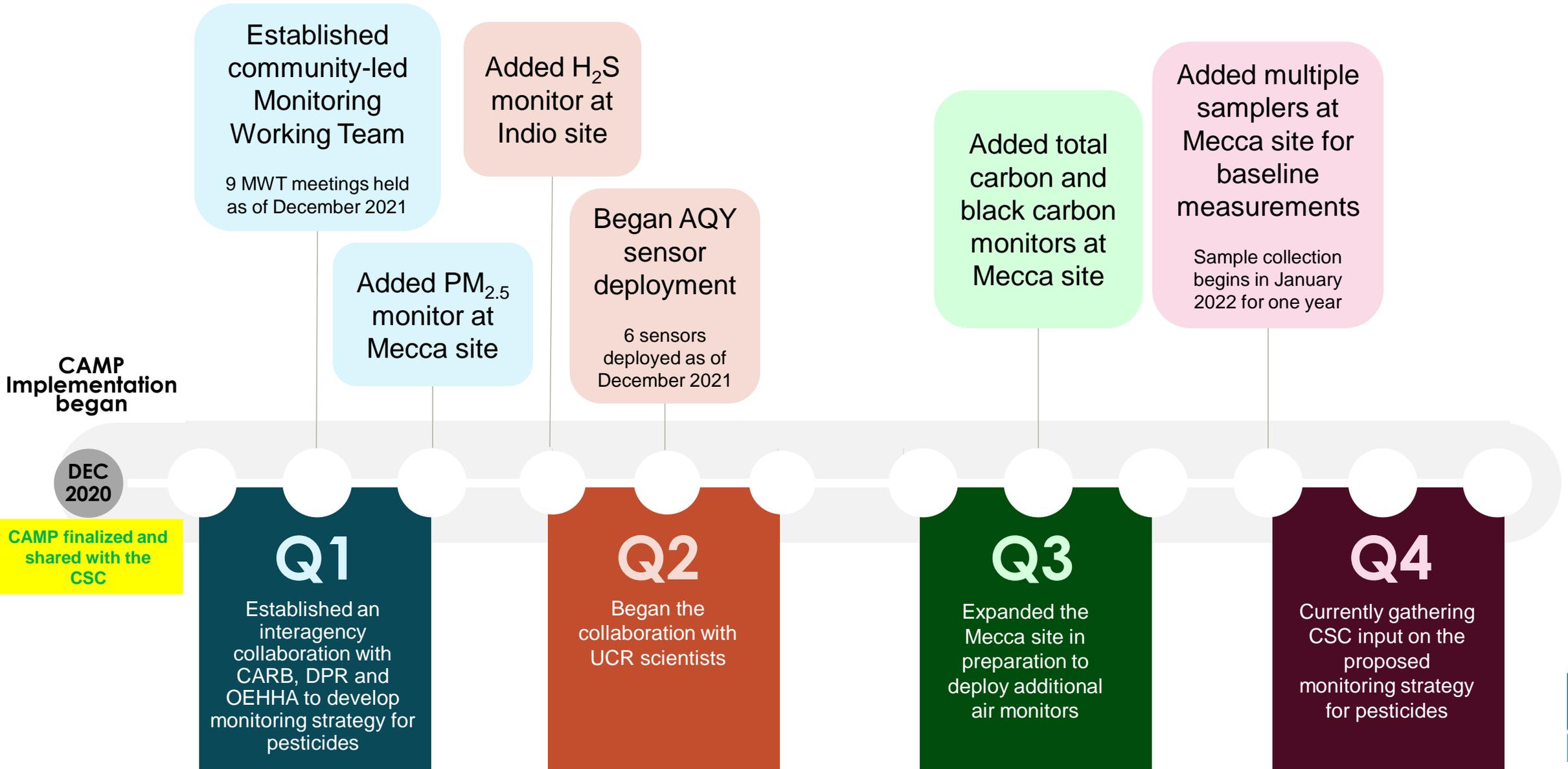


ECV – 2021 CERP Highlights



ECV – 2021 CAMP Highlights

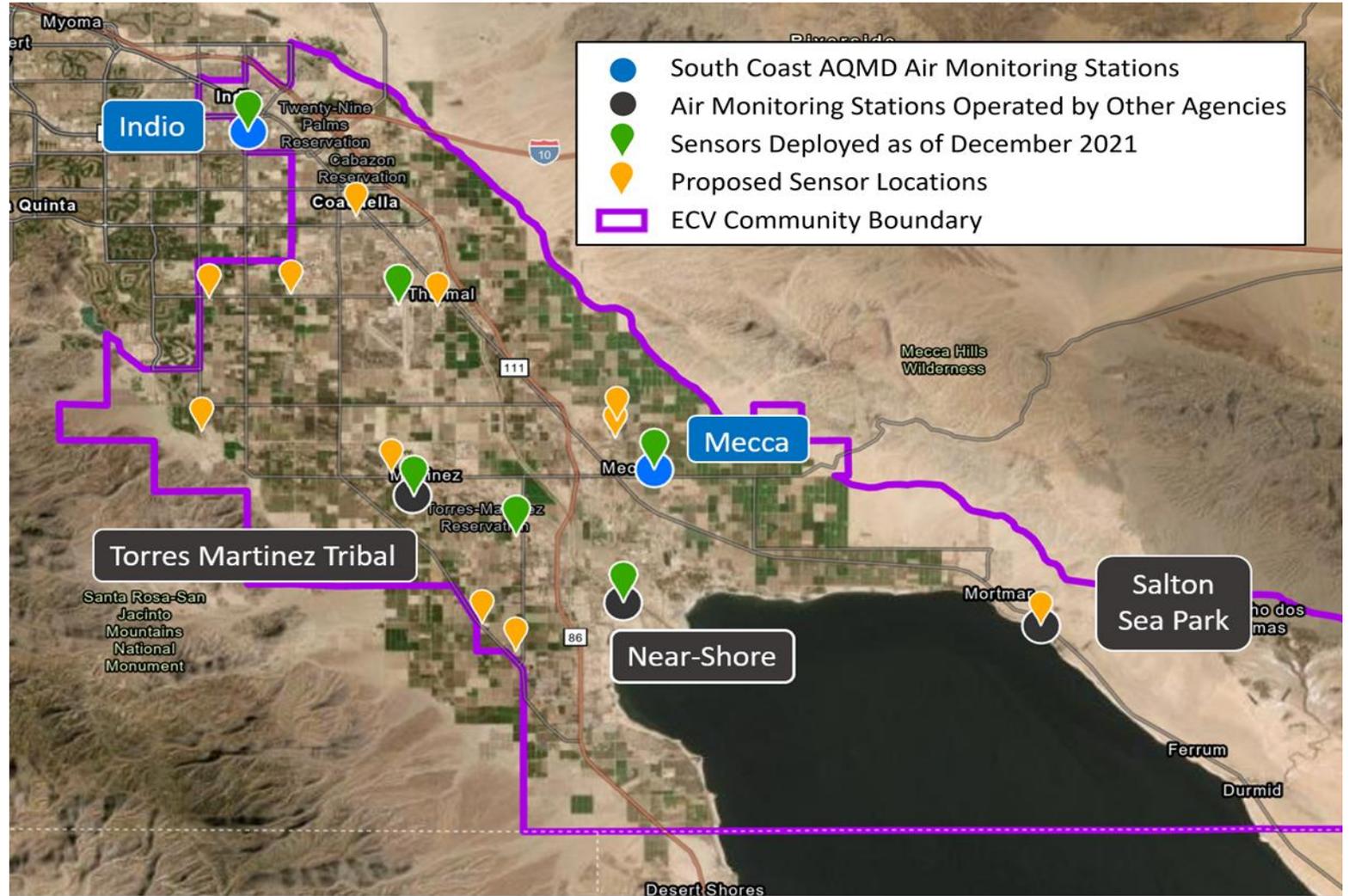
Year-to-Date CAMP Actions Status



Location of Monitoring Stations And Air Quality Sensors

Station Name	Operated By	Monitored Pollutants	Added Monitors
Indio	South Coast AQMD	Ozone, PM2.5, PM10	H2S
Mecca (Saul Martinez Elementary School)	South Coast AQMD	H2S, PM10	PM2.5, BC, TC, POC
Torres-Martinez Tribal	Torres-Martinez Cahuilla Indians	PM10	
Salton Sea Near Shore	Imperial Irrigation District	H ₂ S*, PM2.5, PM10	
Salton Sea Park	Imperial Irrigation District	PM2.5, PM10	

BC = Black Carbon
 TC = Total Carbon
 POC = Particulate Organic Carbon
 * H2S monitor operated by South Coast AQMD



AB 617 monitoring page for ECV: <http://www.aqmd.gov/ab617/monitoring/ecv>

Access to real-time air monitoring data: <http://www.aqmd.gov/ab617-data-display-tool/ecv>



ECV CSC
Community
Outreach

ECV Community Outreach Program

December 7, 2021 CSC Meeting

Today's Outreach Update

I. Reminders & Status

Outreach Mission

Outreach Planning Team

Outreach Implementation Status & Schedule

II. CSC Member Outreach SignUp

Community Contact Signup

Calendar Updates

Website Request

III. How to Comment on Outreach Plan

Comment on Outreach Plan

Comment on Expanded Community Profile

1. Reminders & Status



Diego Hernandez, 22, drops into an abandoned pool while skating with the 'North Shore profits' in North Shore, Calif.



10,000 pounds of carrots can be rescued from just one field row. | Photo by: Christy Porter

Source <https://www.kcet.org/project/eastern-coachella-valley> Accessed 11/7/21

Outreach Mission

- Support work on the CERP
- Provide updates to the local community
- Get input from community

Outreach Planning Team

+ CSC Member Input



Brittney Sowell
Nicholas Robles



Matthew Maldonado
Miguel Hernandez



Yaneth Andrade Magana

Mariela Loera



Lety de Lara



Bea Gonzalez



Pati Leal-Gutierrez



Anetha Lue



Outreach Schedule in CERP

- Revised Schedule to Start March '22 to Qtr IV'22



Source <https://www.kcet.org/project/eastern-coachella-valley> Accessed 11/7/21

CERP SCHEDULE	Qtr III '21	Qtr IV '21	Qtr 1 '22	Qtr II 22	Qtr III '22	Qtr IV '22
Salton Sea Management Program		Blue	Blue	Blue	Blue	Blue
Salton Sea Authority		Grey	Grey	Grey	Grey	Grey
Riverside County Health Department	Green	Green	Green	Green	Green	Green
Riverside County Fire Department	Orange	Orange	Orange	Orange	Orange	Orange
CVAG	Blue	Blue	Blue	Blue	Blue	Blue
Salton City		Grey	Grey	Grey	Grey	Grey
All Tribes*	Green	Green	Green	Green	Green	Green
Salton Sea Partnerships		Orange	Orange	Orange	Orange	Orange
Residents**		Blue	Blue	Blue	Blue	Blue

Updated Outreach Schedule

Note: This starts Mar'22 & CERP starts Qtr II '21.
Repeat schedule annually



Outreach Progress



a Valley



Building
Healthy
Communities

CoachellaValley.org



@BHCCoachellaValley

#WeAreBHC



9

II. CSC Member Outreach Signup Lists

Campaña para de voto latino

Accessed 11/21/21 <https://coachellaunincorporated.org/2016/09/05/campana-para-de-voto-latino/>

Contact Groups by Priority -

Reply to meeting email with the Contact Numbers in Tables -
"I volunteer for.."

**Residents, Churches



**Community Centers & Groups



**Civic, Governments & Tribes



Academic & Health



Businesses, Festivals & Media



REYNALDO J. CARREON JR. ACADEMY

PARENT DROP OFF
AFTER 8:30 AM
TK, KINDER
PICK UP ONLY

Sign up to Contact Residents & Churches

CONTACT GROUP	PROGRAM GOAL	CONTACT OBJECTIVE	CONTACT METHOD	I Volunteer for....
All Residents (R)	<ul style="list-style-type: none"> Salton Sea (CSC,A6 & A7) Fugitive Dust & off-Roading (CSC,A9) Diesel Mobile Sources (CSC,A13) Reduce Exposure to Open Burning (CSC,A11) 	<p>CERP Goal (CSC,A6): Reduce emissions from the Salton Sea</p> <p>CERP Action (CSC,A6):Pursue a collaborative partnership with community organizations to conduct outreach in the community (e.g., door hangers, handouts) to inform community members on how to file dust complaints - Develop a list of potential responses and solutions that South Coast AQMD staff can pursue in response to dust complaints</p>	<ol style="list-style-type: none"> Door hangers Mailers & Brochures & Newsletter Surveys Workshops Radio, English Radio, Spanish Social Media 	<p>1-R</p> <p>2-R</p> <p>3-R</p> <p>4-R</p> <p>5-R</p> <p>6-R</p> <p>7-R</p>
Mecca (M)		<p>CERP Goal (CSC,A7): Reduce exposure from the Salton Sea</p> <p>CERP Action (CSC,A7)Pursue a collaborative partnership with community organizations to conduct outreach in the community (e.g., door hangers, handouts, and community events) to inform community members, schools and other youth groups (e.g., Sierra Club Youth Group), on how to access real-time air quality data, subscribe to air quality alerts, report dust complaints, and use the South Coast AQMD app to obtain air quality information.</p>	<ol style="list-style-type: none"> Door-to-door / in person visit 	8-M
Thermal (T)				8-T
Oasis (O)				8-o
North Shore (NS)				8-ns
Salton City (SC)		<p>CERP Goal (CSC,A11): Reduce Exposure to Open Burning</p> <p>CERP Action: Community organizations (e.g., Growing Coachella Valley, Alianza, Leadership Counsel, Communities for a New California) to distribute informational materials relating to open burning, fire safety and air pollution in the community</p>		8-ss
Mobile Home Parke (MH)				8-MH

YOUR NAME _____

Sign up to Contact Residents & Churches

CONTACT GROUP	PROGRAM GOAL	CONTACT OBJECTIVE	CONTACT METHOD	I Volunteer for....
All Churches (C)		CERP Goal (CSC,A6): Reduce emissions from the Salton Sea CERP Action (CSC,A6):Pursue a collaborative partnership with community organizations to conduct outreach in the community (e.g., door hangers, handouts) to inform community members on how to file dust complaints - Develop a list of potential responses and solutions that South Coast AQMD staff can pursue in response to dust complaints	2. Mailers & Brochures & Newsletter 3. Surveys 4. Workshops	2-C 3-C 4-C
**Kingdom Hall of Jehovah's Witnesses(KH)	<ul style="list-style-type: none"> Salton Sea (CSC,A6 & A7) Fugitive Dust & off-Roading (CSC,A9) Diesel Mobile Sources (CSC,A13) Reduce Exposure to Open Burning (CSC,A11) 	CERP Goal (CSC,A7): Reduce exposure from the Salton Sea CERP Action (CSC,A7)Pursue a collaborative partnership with community organizations to conduct outreach in the community (e.g., door hangers, handouts, and community events) to inform community members, schools and other youth groups (e.g., Sierra Club Youth Group), on how to access real-time air quality data, subscribe to air quality alerts, report dust complaints, and use the South Coast AQMD app to obtain air quality information.	8. Door-to-door / in person visit	8-KH
*Primera Iglesia Bautista (PI)		8-PI		
**Islamic Society of Palm Springs(IS)		8-IS		
Calvary Landmark (CL)		8-CL		
Valley Missionary Program (VM)		8-VM		
Our Lady of Soledad (LS)		8-LS		
		CERP Goal (CSC,A11): Reduce Exposure to Open Burning CERP Action: Community organizations (e.g., Growing Coachella Valley, Alianza, Leadership Counsel, Communities for a New California) to distribute informational materials relating to open burning, fire safety and air pollution in the community		

YOUR NAME _____

Sign up to Contact Residents & Churches

CONTACT GROUP	PROGRAM GOAL	CONTACT OBJECTIVE	CONTACT METHOD	I Volunteer for....
MECCA RESIDENTS (M)	Goal: Reduce Illegal Dumping (CSC,A12)	CERP Action: Community-based organizations to establish a complaint-report tracking system to better track illegal dumping activities	9. Complaint reporting system	9-M
Salton City / Avenue 85 (SC)				9-SC
All Churches(C)				9-C

YOUR NAME _____

Sign up to Contact Community Groups

CONTACT GROUP	PROGRAM GOAL	CONTACT OBJECTIVE	CONTACT METHOD	I Volunteer for....
All Community organizations (CO) - including non-CSC members	Reduce Exposure to Open Burning (CSC,A11)	CERP Action: Community organizations (e.g., Growing Coachella Valley, Alianza, Leadership Counsel, Communities for a New California) to distribute informational materials relating to open burning, fire safety and air pollution in the community	10. Open burning brochure	10-CO
Boys & Girls Clubs - Coachella	Charter: Youth and community outreach, education and engagement (CSC,A2)	CSC Charter Statement: South Coast AQMD staff and the CSC will work collaboratively to - Identify approaches for youth and community outreach, education and engagement to enhance public knowledge and help inform the CAMP and CERP	11. Identify common goal & Group-to-group Meeting	11-BGC
Riverside County Youth Advisory Council				11-RCY

YOUR NAME _____

Sign up to Contact Community Groups

CONTACT GROUP	PROGRAM GOAL	CONTACT OBJECTIVE	CONTACT METHOD	I Volunteer for....
Salton Sea Partnership/The Salton Sea Authority (SSP) - Note (a)	Salton Sea (CSC,A6 & A7)	CERP Goal (CSC,A6): Reduce emissions from the Salton Sea CERP Action (CSC,A6):Pursue a collaborative partnership with community organizations to conduct outreach in the community (e.g., door hangers, handouts) to inform community members on how to file dust complaints - Develop a list of potential responses and solutions that South Coast AQMD staff can pursue in response to dust complaints	2. Mailers & Brochures & Newsletter 12. Identify common goals & Group-to-group Meeting	2-SSP 12- SSP
All Community Orgs. In CSC (CO)		CERP Goal (CSC,A7): Reduce exposure from the Salton Sea CERP Action (CSC,A7)Pursue a collaborative partnership with community organizations to conduct outreach in the community (e.g., door hangers, handouts, and community events) to inform community members, schools and other youth groups (e.g., Sierra Club Youth Group), on how to access real-time air quality data, subscribe to air quality alerts, report dust complaints, and use the South Coast AQMD app to obtain air quality information.	2. Mailers & Brochures & Newsletter	2-CO

Note (a) - the Salton Sea Partnership includes - Torres Martinez Desert Cahuilla Indians, County of Riverside, Coachella Valley Water District, The Water Resources Institute, California Energy Commission, U.S. Environmental Protection Agency, UC Riverside, Imperial Irrigation District, County of Imperial, ~ Salton Sea Action Committee, California Natural Resources Agency, U.S. Department of the Interior, U.S. Army Corps of Engineers, College of the Desert

YOUR NAME _____

Sign up to Contact Community Groups

CONTACT GROUP	PROGRAM GOAL	CONTACT OBJECTIVE	CONTACT METHOD	I Volunteer for....
Ivan Coachella	Fugitive Dust & off-Roading (CSC,A9)	Track resident complaints & ensure response by agencies/organizations	11. Identify common goals & Group-to-group Meeting	11-IC
	Goal: Reduce Illegal Dumping (CSC,A12)	CERP Action: Community-based organizations to establish a complaint-report tracking system to better track illegal dumping activities	9. Complaint reporting system	9-all
	Reduce Exposure to Open Burning (CSC,A11)	CERP Action: Community organizations (e.g., Growing Coachella Valley, Alianza, Leadership Counsel, Communities for a New California) to distribute informational materials relating to open burning, fire safety and air pollution in the community	10. Open burning brochure	10-all

YOUR NAME _____

Sign up to Contact Tribes

CONTACT GROUP	PROGRAM GOAL	CONTACT OBJECTIVE	CONTACT METHOD	I Volunteer for...
All Tribes (T)	Reduce Exposure to Open Burning (CSC,A11)	CERP Action: Community organizations (e.g., Growing Coachella Valley, Alianza, Leadership Counsel, Communities for a New California) to distribute informational materials relating to open burning, fire safety and air pollution in the community	10. Open burning brochure	10-T
	Salton Sea (CSC,A6 & A7)	CERP Goal (CSC,A6): Reduce emissions from the Salton Sea CERP Action (CSC,A6): Pursue a collaborative partnership with community organizations to conduct outreach in the community (e.g., door hangers, handouts) to inform community members on how to file dust complaints - Develop a list of potential responses and solutions that South Coast AQMD staff can pursue in response to dust complaints	2. Mailers & Brochures & Newsletter	2-SSP
		CERP Goal (CSC,A7): Reduce exposure from the Salton Sea CERP Action (CSC,A7) Pursue a collaborative partnership with community organizations to conduct outreach in the community (e.g., door hangers, handouts, and community events) to inform community members, schools and other youth groups (e.g., Sierra Club Youth Group), on how to access real-time air quality data, subscribe to air quality alerts, report dust complaints, and use the South Coast AQMD app to obtain air quality information.	12. Identify common goals & Group-to-group Meeting	12- SSP

YOUR NAME _____

Sign up to Contact Tribes

CONTACT GROUP	PROGRAM GOAL	CONTACT OBJECTIVE	CONTACT METHOD	I Volunteer for...
All Tribes (T)	Illegal Dumping (CSC, A12)	CERP Action: Community-based organizations to establish a complaint-report tracking system to better track illegal dumping activities	9. Complaint reporting system	9-T
Torres Martinez Desert Cahuilla Indians(TM)		CERP Action: Torres Martinez Desert Cahuilla Indians (TMDCI) to pursue opportunities (e.g., fencing, berm construction, camera/drone technology) to address illegal dumping on tribal lands	14. In Person Meeting to Discuss Proposal	14-T

YOUR NAME _____

Outreach Opportunity Dates

- Calendar is being developed

Today < > January 2022 Indio, California Today 81° F / 51° F Tomorrow 79° F / 51° F Tuesday 79° F / 51° F Month

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Dec 26	27 5:30pm Indio - Sustainability Co...	28	29 5:00pm Indio - Cit... +2	30	31	Jan 1
2	3 6:00pm Mecca-North Shor...	4 4:30pm Desert Edge - Community Cou...	5 5:30pm Coachella - City Council Meeti.	6	7	8
9	10	11	12 5:00pm Indio - Cit... 6:00pm Coachella ...	13	14	15
16	17	18	19 5:30pm Coachella - City Council Meeti.	20	21	22
23	24 5:30pm Indio - Su... 6:00pm Thermal-...	25	26 5:00pm Indio - Cit... 6:00pm Coachella ...	27	28	29
30	31	Feb 1	2 5:30pm Coachella - City Council Meeti.	3	4	5

Outreach Opportunity Dates

- Calendar is being developed

Today < > January 2022 Indio, California Today 81° F / 46° F Tomorrow 78° F / 49° F

Sun	Mon	Tue	Wed	Thu	Fri	Sat
Jan 2	3 6:00pm Mecca-North Shore - Community...	4 4:30pm Desert Edge - Community Council	5 5:30pm Coachella - City Council Meeting	6	7	8
9	10	11	12 5:00pm Indio - City Coun... 6:00pm Coa...	13	14	15
16	17	18	19 5:30pm Coachella - City Council Meeting	20	21	22
23	24 5:30pm Indio - Sustainab... 6:00pm The...	25	26 5:00pm Indio - City Coun... 6:00pm Coa...	27	28	29
30	31	Feb 1	2 5:30pm Coachella - City Council Meeting	3	4	5



III. How to Comment on Plan

Farmworkers in the Coachella Valley near Mecca

Source <https://www.kcet.org/project/eastern-coachella-valley> Accessed 11/7/21

Draft Outreach Plan

**OUTREACH
PLAN**



Eastern Coachella Valley
Community Steering Committee

www.aqmd.gov/ab617/ECV

October 2021

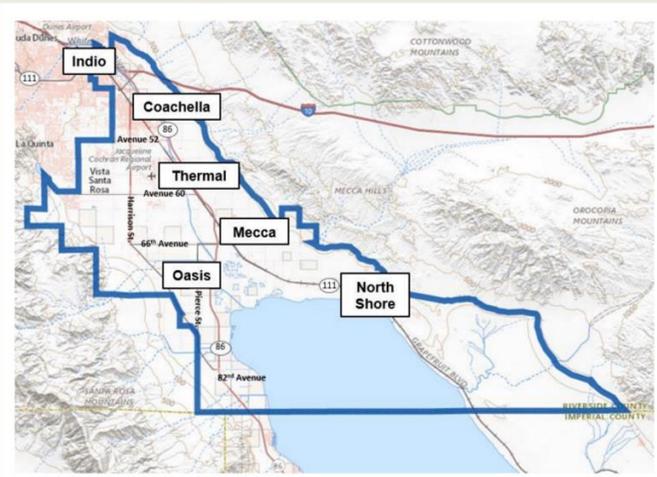
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Draft Outreach Plan Appendix – Community Profile & Outreach Material

Defining ECV Communities



By Eastern Coachella Valley

AB617 CSC Environmental Justice Group

September 2021

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ECV CSC Community Outreach

**" Remember
Please Sign up &
Join Outreach -
As soon as possible.**

The Schedule –
Complete plan before
Jan 22. Your comments
this month