



San Diego County Air Pollution Control District

2024 Draft California Air Toxics Hot Spots Annual Report

May 14, 2025

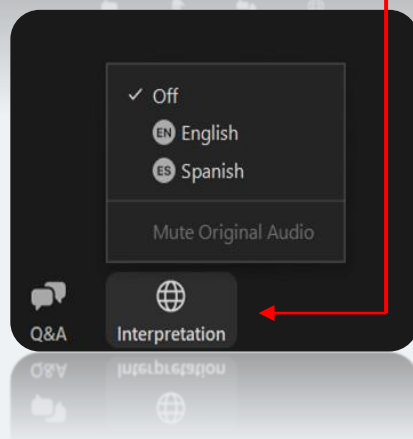
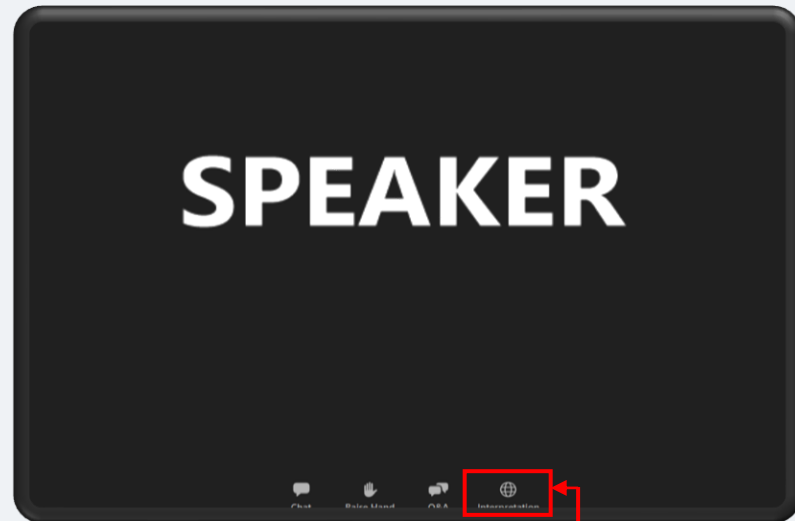




San Diego County
**Air Pollution
Control District**

May 14, 2025, San Diego County Air Pollution Control District Hot Spots Report Meeting

The meeting will begin shortly. Please use the “Interpretation” button at the bottom of your Zoom screen to select your language of preference (English or Spanish). If you do not select a language, you will be unable to hear the meeting.



La reunión comenzará en un momento. Utilice el botón de "Interpretación" en la parte inferior de su pantalla Zoom para seleccionar su idioma de preferencia (inglés o español). Si no selecciona un idioma, no podrá escuchar la reunión.



San Diego County Air Pollution Control District

2024 Draft California Air Toxics Hot Spots Annual Report

May 14, 2025



Air Toxics “Hot Spots” Program (Assembly Bill 2588)

Requirements

Goal

“Hot Spots”
Program

Evaluate potential
health risks from
toxic air
contaminants
emitted by
stationary sources

Public Notification to
inform communities
impacted by the
elevated health risks

Risk reduction to
reduce the elevated
health risks



Air Toxics “Hot Spots” Program (Assembly Bill 2588)

Stationary Sources

Includes manufacturing operations, power plants, shipyards, landfills, rock or asphalt plants and other industrial, commercial and governmental operations



Toxic Air Contaminants

Chemicals emitted into the atmosphere that may cause adverse health effects



Public Notification and Risk Reduction Thresholds

Health Risk	Public Notification & Risk Reduction Threshold
Cancer Risk	10 in one million
Acute Noncancer Health Hazard Index	1.0
Chronic Noncancer Health Hazard Index	1.0
Cancer Burden	1.0



Air Toxics “Hot Spots” Program 2024 Actions

93

- Emission Inventories Completed

19

- Health Risk Assessment Approved

6

- Public Notifications Initiated

3

- Public Meetings Held

6

- Risk Reduction Plans Approved



Air Toxics “Hot Spots” Program

Cancer Risk

- Calculates the probability that a person would contract cancer if exposed to emissions for 30 years

Health Hazard Index

- Calculated for acute exposure (or short-term health impacts) and chronic exposure (or long-term health impacts)
 - Index < 1 *unlikely to experience adverse health effects*
 - Index ≥ 1 *potential for adverse health effects*

Cancer Burden

- Estimates of the number of people that can contract cancer within a community that is exposed to the emission levels



Key Program Accomplishments Since 2021

13

- Risk Reduction Plans Approved & Implemented

2,157

- Residences Protected from Elevated Health Risks

1

- Public Park Protected from Elevated Health Risks

78

- Businesses Protected from Elevated Health Risks



Risk Reduction Plan Fully Implemented: ★

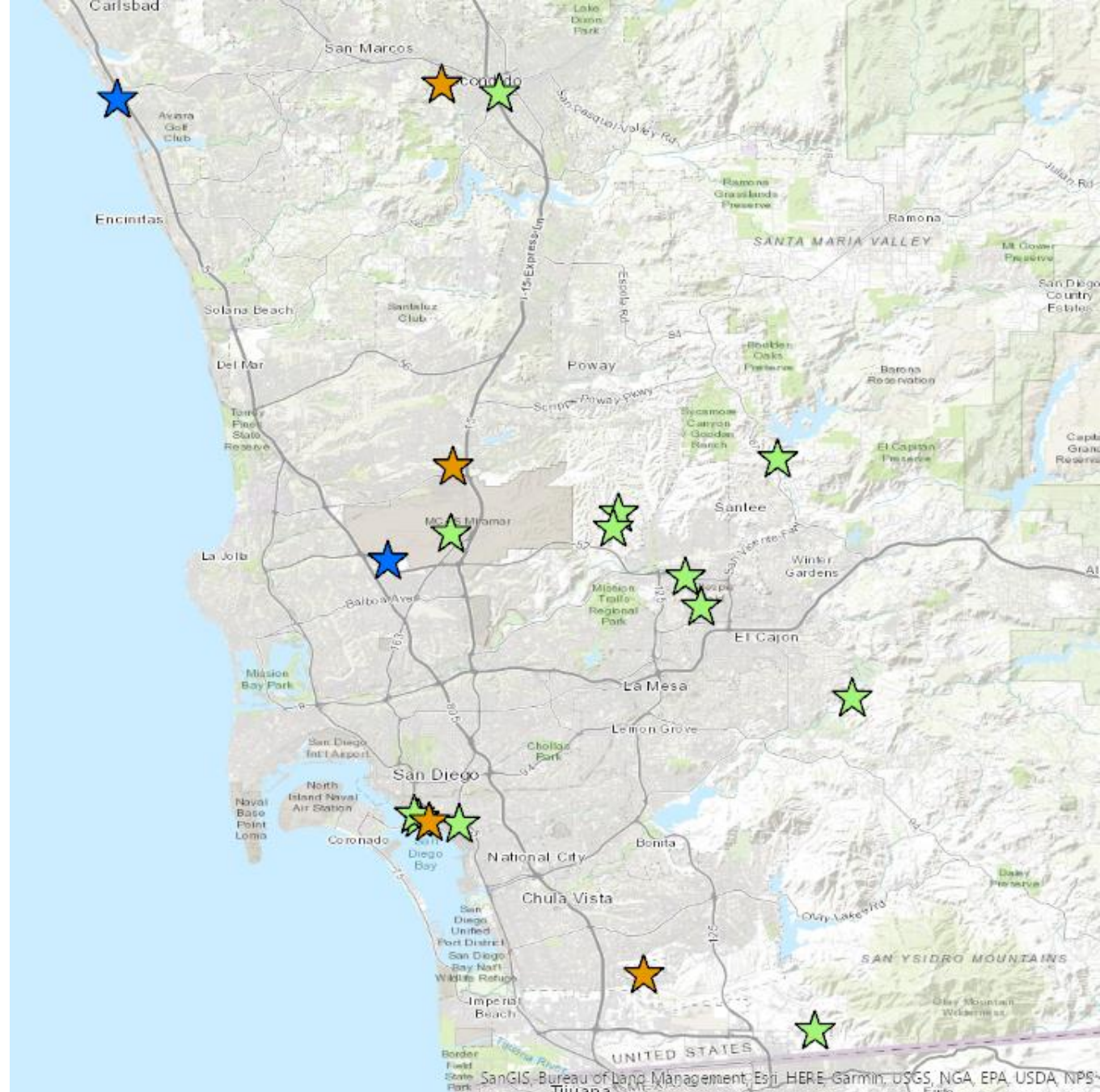
- 6 Sand/Rock/Aggregate/Concrete/Asphalt Production Facilities
- 2 Aerospace Manufacturing
- 3 Shipyards

RRP Approved / Being implemented: ★

- 1 Landfill-gas-to-energy
- 1 Wastewater Treatment Plant (Approved 2025)

RRP In Review (Orange): ★

- Landfill
- 2 Mineral Products* (Submitted 2025)
- Industrial Manufacturing (Submitted 2025)
- Shipyard (Submitted 2025)



Risk Reduction Plans Approved in 2024

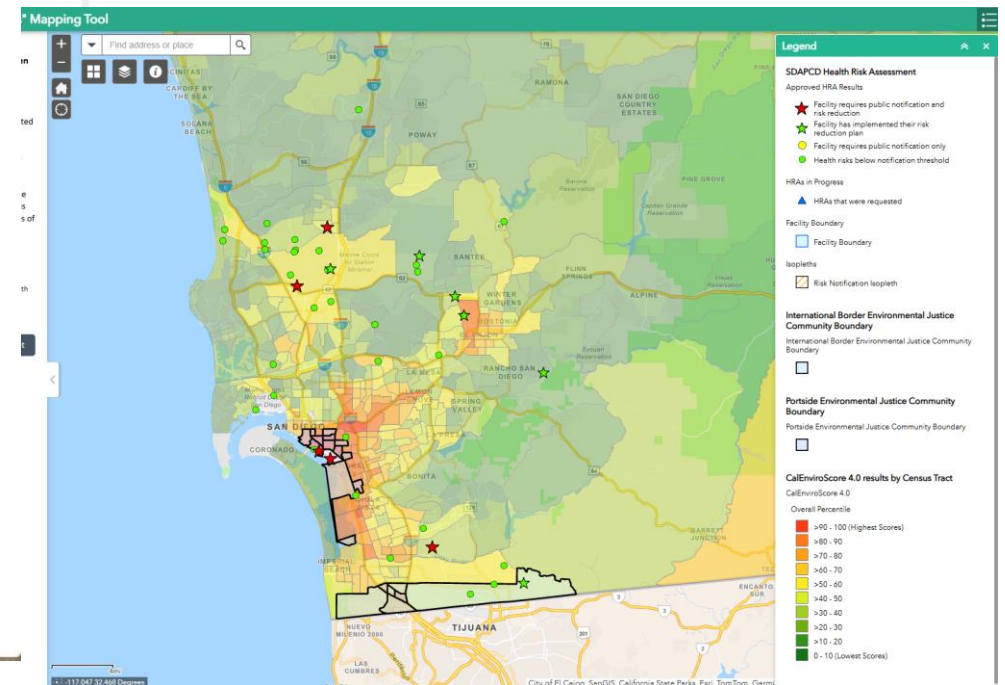
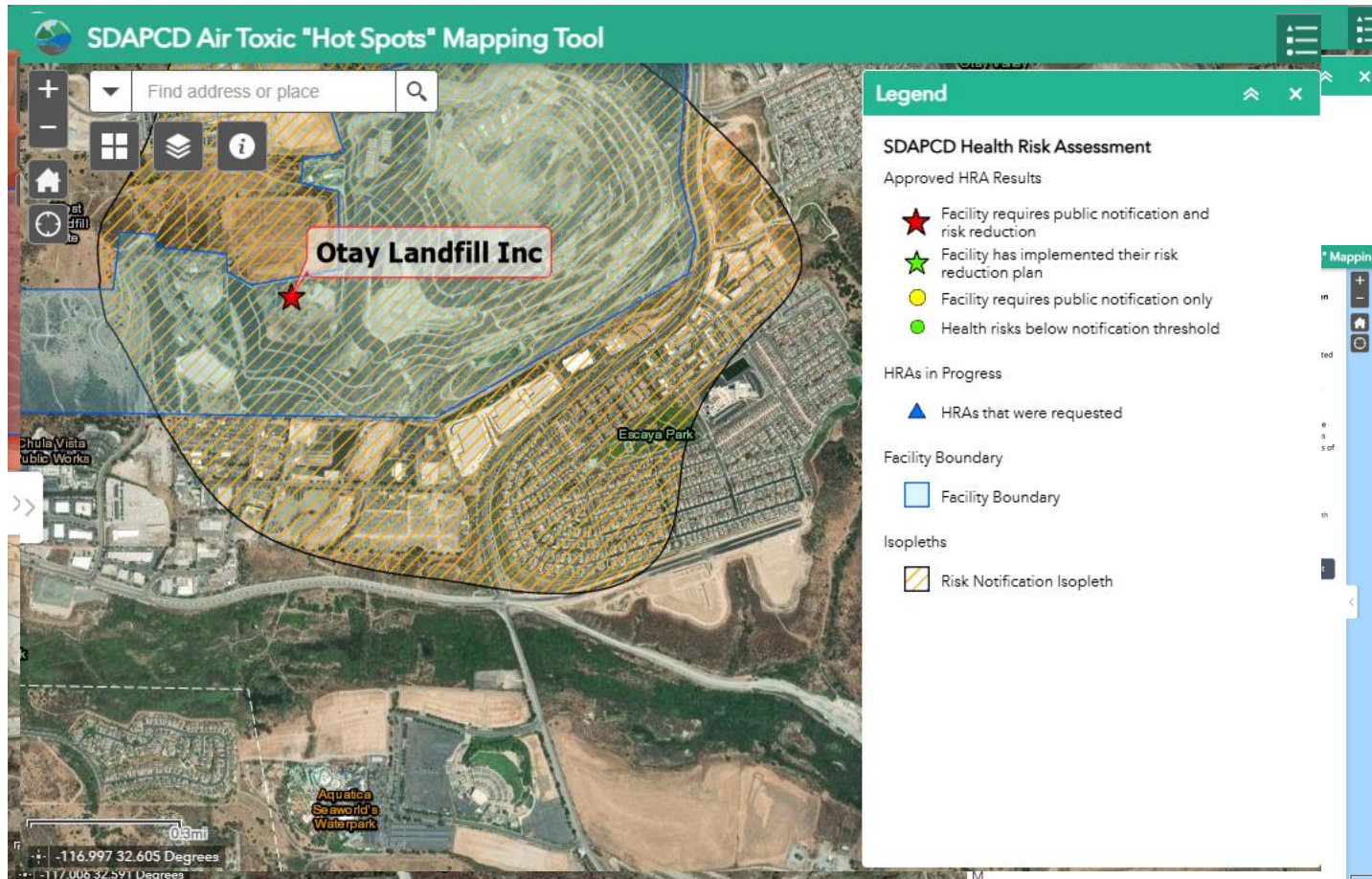
Operation	Location	Risk Reduction Measure
Rock Crushing & Sand/Aggregate Production	2094 Willow Glen Dr. (El Cajon)	Enhanced watering of quarry areas, restrictions on quarry blasting to limit emissions
Hot-mix Asphalt Plant	7522 Paseo de la Fuente (Otay Mesa)	Installation of more efficient filters in baghouse
Rock Crushing & Sand/Aggregate Production	9229 Harris Plant Rd. (Miramar)	Paving of some haul roads, application of dust suppressant to others
Aerospace Manufacturing	1150 W. Bradley Ave. (El Cajon)	Reduced emissions from abrasive blasting
Rock Crushing & Sand/Aggregate Production	8514 Mast Blvd. (Santee)	Moving haul roads further from residences, application of dust suppressant to others
Landfill gas combustion	5244 Convoy Street (Miramar)	Installation of oxidation catalysts to reduce emissions of formaldehyde



Improvement to Interactive Mapping Tool



<https://bit.ly/SDHotSpotsMap>



District Resources

Updates

<https://www.sdapcd.org/>

- Stay informed about public notices, public meetings and risk reduction plans
- Please select the *Air Pollution Control District News* list

Contact us

APCDEngineering@sdapcd.org



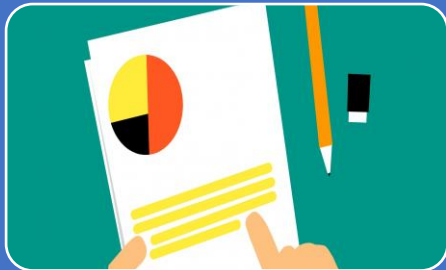
Next Steps



Consider public comments (both tonight and written comments by May 24, 2025)



Present the report to the District Governing Board on June 12, 2025



Distribute the final 2024 Air Toxics Hot Spots Annual Report

