

Item 2: Overview of the Air Pollution Control District

Vision & Mission

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AB 423 (Gloria, 2019)

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Restructured & Expanded APCD Board

Separated APCD from County
Governance Structure

Added Duties to Increase Transparency &
Public Engagement

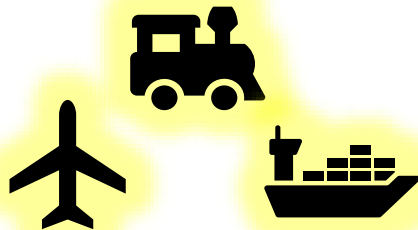
Air Pollution Regulatory Agencies

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Federal



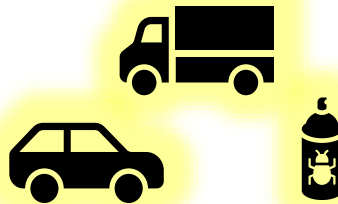
Regulates interstate mobile
sources of air pollution
throughout the nation



State



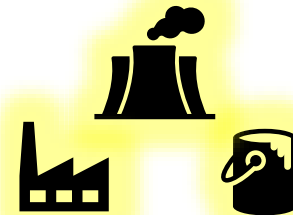
Regulates mobile & other
sources of air pollution
in California



Local



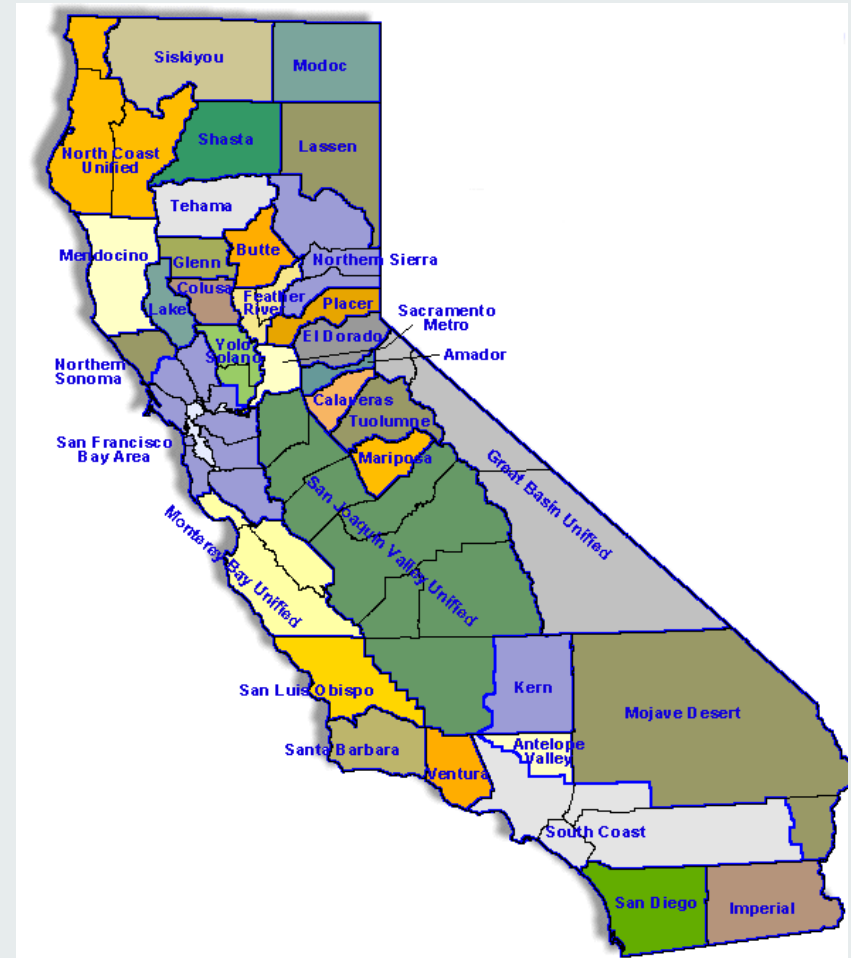
Regulates stationary & areawide
sources of air pollution
in the San Diego region



California Air Districts

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- California is divided into 35 independent air pollution control districts
- Each has similar authority & primary responsibility for regulating stationary sources of air pollution in its district



APCD Programs

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Ambient Air Quality Monitoring

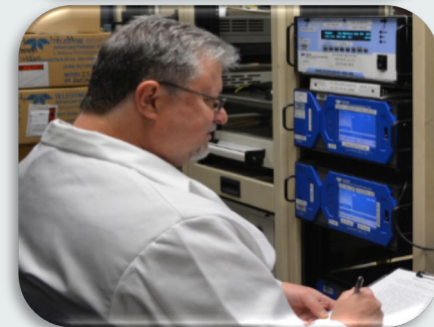
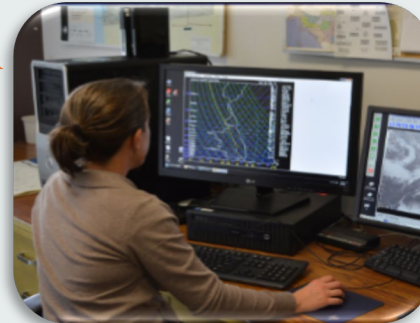
Planning & Rule Development

Engineering

Compliance

Grants & Incentives

Environmental
Justice



Environmental Justice

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Office of Environmental Justice

- Integrate environmental justice and equity in agency operations, policies, and regulations
- Public Participation Plan to enhance public engagement
- AB 617 Community Air Protection Program



Community Air Protection Program

- Reduce air pollution in impacted communities
- Air Districts & stakeholders nominate communities & CARB selects them for participation
- Community air monitoring, community emission reduction plans, & incentive funding



Portside E.J. Neighborhoods

- The Portside EJ Neighborhoods include Barrio Logan, Logan Heights, Sherman Heights & western National City
- Higher levels of air pollution
- APCD conducts community level air quality monitoring
- Collected data will be used to develop strategies to reduce emissions & risk for residents

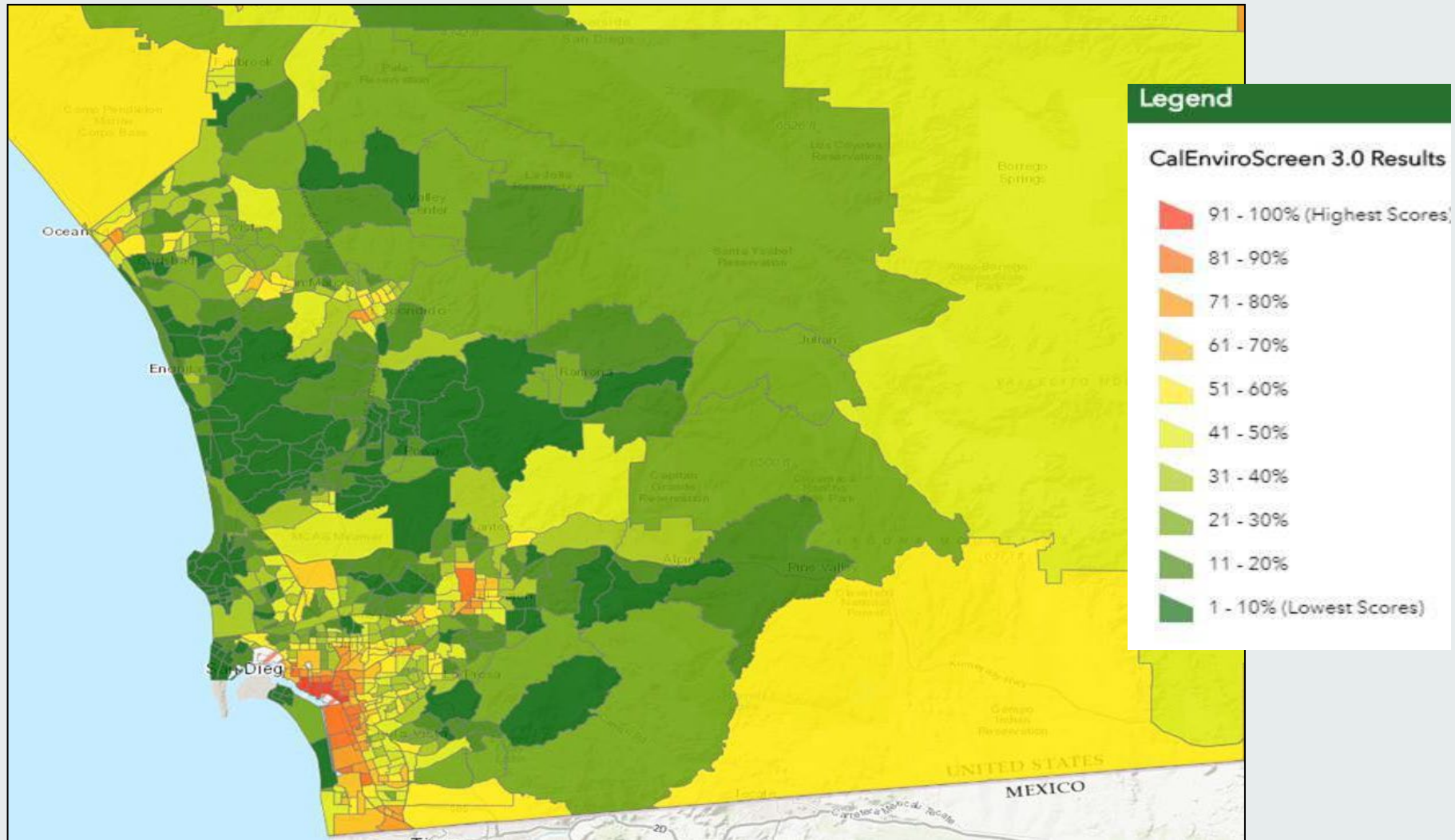


Community Emissions Reduction Plan

- A Community Emissions Reduction Plan (CERP) is being developed for the Portside Community in collaboration with the public, community organizations, industry & other public agencies
- CERP will include goal, strategies & actions to improve air quality in the community
- Final CERP to be presented to the Board this Summer

Disadvantaged Communities in San Diego Region CalEnviroScreen 3.0

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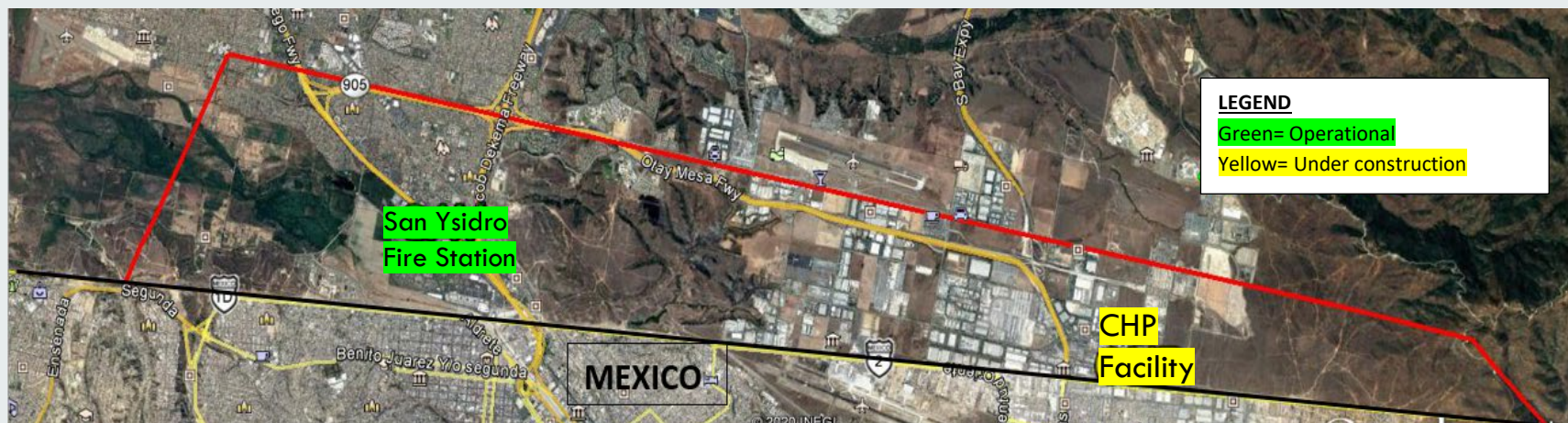


International Border Activities

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- Air monitoring at San Ysidro & Otay Mesa border areas
- San Diego/Tijuana Air Quality Task Force
- Collaboration with State of Baja California
- Exploring air monitoring options at Tijuana River Valley

Border area monitoring locations

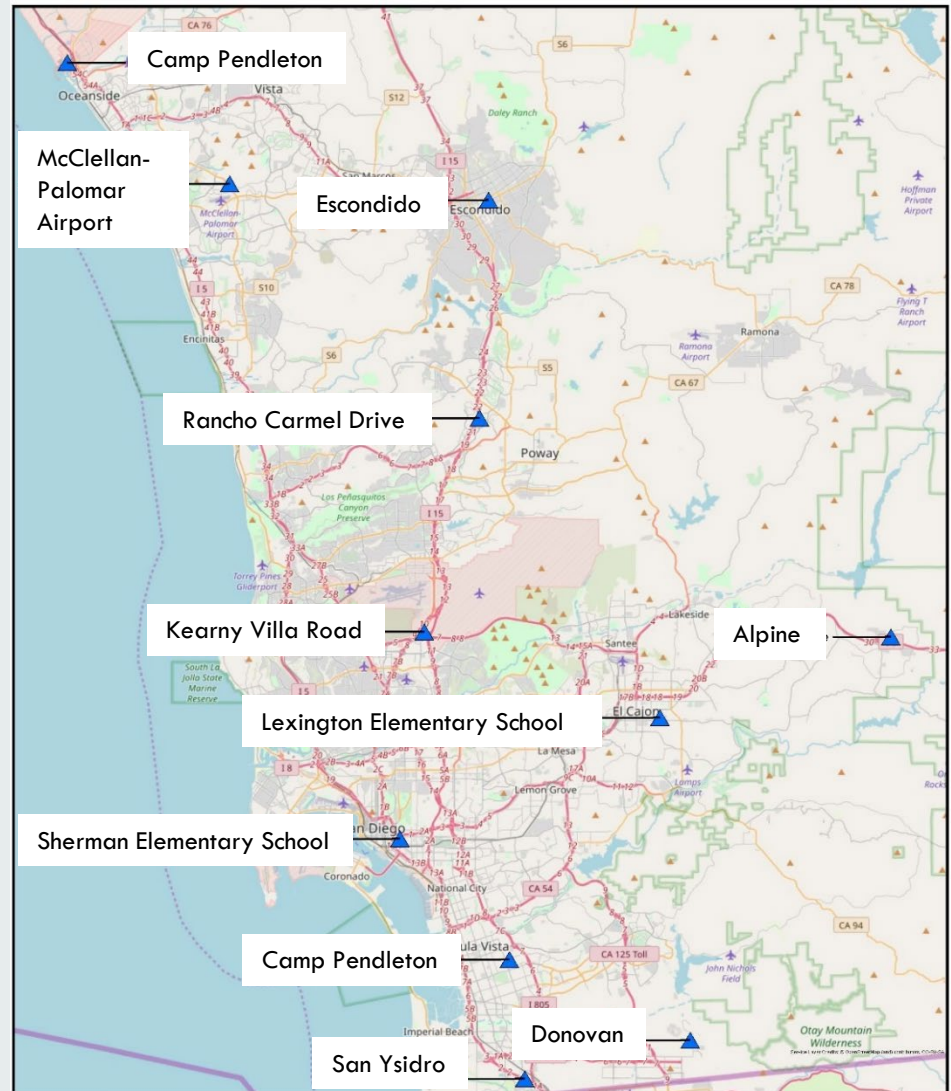


Ambient Air Quality Monitoring

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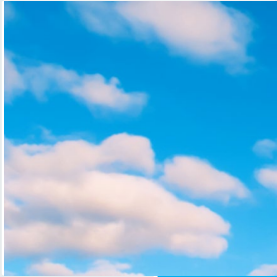
- APCD operates a network of ambient air monitoring stations located throughout the County to track regional ambient air quality trends

Note: Escondido site is currently under construction.
San Ysidro site is only operational for measuring black carbon; it is currently being expanded to accommodate a full-service station that will also measure fine particulate matter & toxic air pollutants



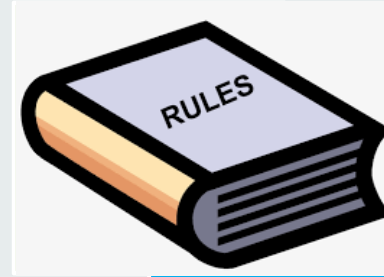
Planning & Rule Development

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Air Quality Planning

- Prepare plans to achieve clean air throughout region
 - Ozone Attainment Plan
 - Portside Community Emission Reduction Plan



Rule Development

- Develop rules to implement those plans & reduce emissions from stationary sources
- Update rules as more effective control technologies become available
- Prepare rules as directed by the Board to protect public health

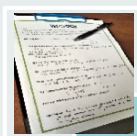
Compliance

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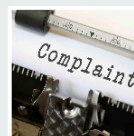
Inspection Program

- Inspections of all regulated facilities to ensure compliance with air pollution rules & regulations
- In FY 2019-20, about 15,000 inspections were conducted



Enforcement Program

- Takes enforcement action when it documents a violation
- Types of Enforcement Documents: Notices of Violation, Citations, and Notices to Comply
- FY 19/20 -total of \$1.4M in penalties (~1,500 NOV and Citations)



Complaint Investigations

- Responds to air quality complaints
- Typical complaints include smoke, dust, odors, improper asbestos removal, unpermitted equipment, & illegal burning
- About 1,000 complaints were investigated in FY 2019-20



Business Assistance

- Provides compliance assistance:
 - Explanation of regulatory requirements
 - Courtesy inspections
 - Trainings
 - Participate in community outreach events
- In FY 19-20, the District provided 19 compliance assistance trainings & 10 community outreach events

Supplemental Environmental Projects (SEPs)

Supplemental Environmental Projects can help build healthier communities by reducing air pollution, increasing environmental compliance, & raising public awareness to communities most burdened by environmental harm



Engineering

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Permitting Program

- APCD evaluates about 400 applications annually.
- There are about 7,100 APCD permits in the San Diego region



Emission Inventory

- Quantifies emissions & determines significant sources of air pollutants
- Inventory reports are available to the public



Air Toxic “Hot Spots” Program

- Evaluates toxic air emissions to determine which sources present public health concerns
- Requires facilities to notify communities & reduce their potential health risks

Grants & Incentives for Clean Air Projects



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Program	Expended in FY 19-20	Funding Source	Applicability
Carl Moyer Memorial Air Quality Standards Attainment Program (Moyer Program)	\$3.6 million	CARB	<ul style="list-style-type: none"> Heavy-duty diesel trucks & equipment At least 50% of funds for disadvantaged communities
Community Air Protection Incentives (AB 617)	\$2.2 million	CARB	<ul style="list-style-type: none"> Moyer-like projects, & projects in approved CERPs 70% in disadvantaged communities 80% in low-income communities
Funding Agricultural Replacement Measures for Emission Reductions (FARMER Program)	\$1 million	CARB	<ul style="list-style-type: none"> Off-road agricultural equipment
Goods Movement Emissions Reduction Program (GMERP)	\$1.8 million	CARB	<ul style="list-style-type: none"> Freight transportation
Voucher Incentive Program (VIP)	\$0.5 million	Vehicle Registration Fees	<ul style="list-style-type: none"> Heavy duty trucks in small fleets (10 or less)
Old Vehicle Retirement Program (New for FY 20-21)	\$0.5 million*	Vehicle Registration Fees	<ul style="list-style-type: none"> Passenger vehicles, 1997 & older
EV Charging Infrastructure (New for FY 20-21)	\$0.5 million*	Vehicle Registration Fees	<ul style="list-style-type: none"> Program partnership with CEC & SANDAG
Clean Cars 4 All (New for FY 20-21)	\$4.5 million*	CARB	<ul style="list-style-type: none"> Clean vehicle replacements & transit passes Disadvantaged communities only

* Budgeted amount for FY 20-21

APCD Audits



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State Auditor

- Audit of APCD's finances & outreach activities
- Audit started in Sept 2019 with the final report released in July 2020
- APCD has provided 60 day & six-month responses

Key auditor's recommendations:

- Available grants
- Full cost recovery
- Propose fee increases
- Public participation plan
- Complaint database process improvement
- Service agreement



APCD Programs

- Partnership with CARB & Dept. of Finance
- Audit started on July 14, 2020
- Department of Finance audit completed, & final report released on February 2, 2021 (No Findings or Recommendations)
- CARB program audit was recently completed, CARB is currently issuing the report. Mandated completion by June 1, 2021



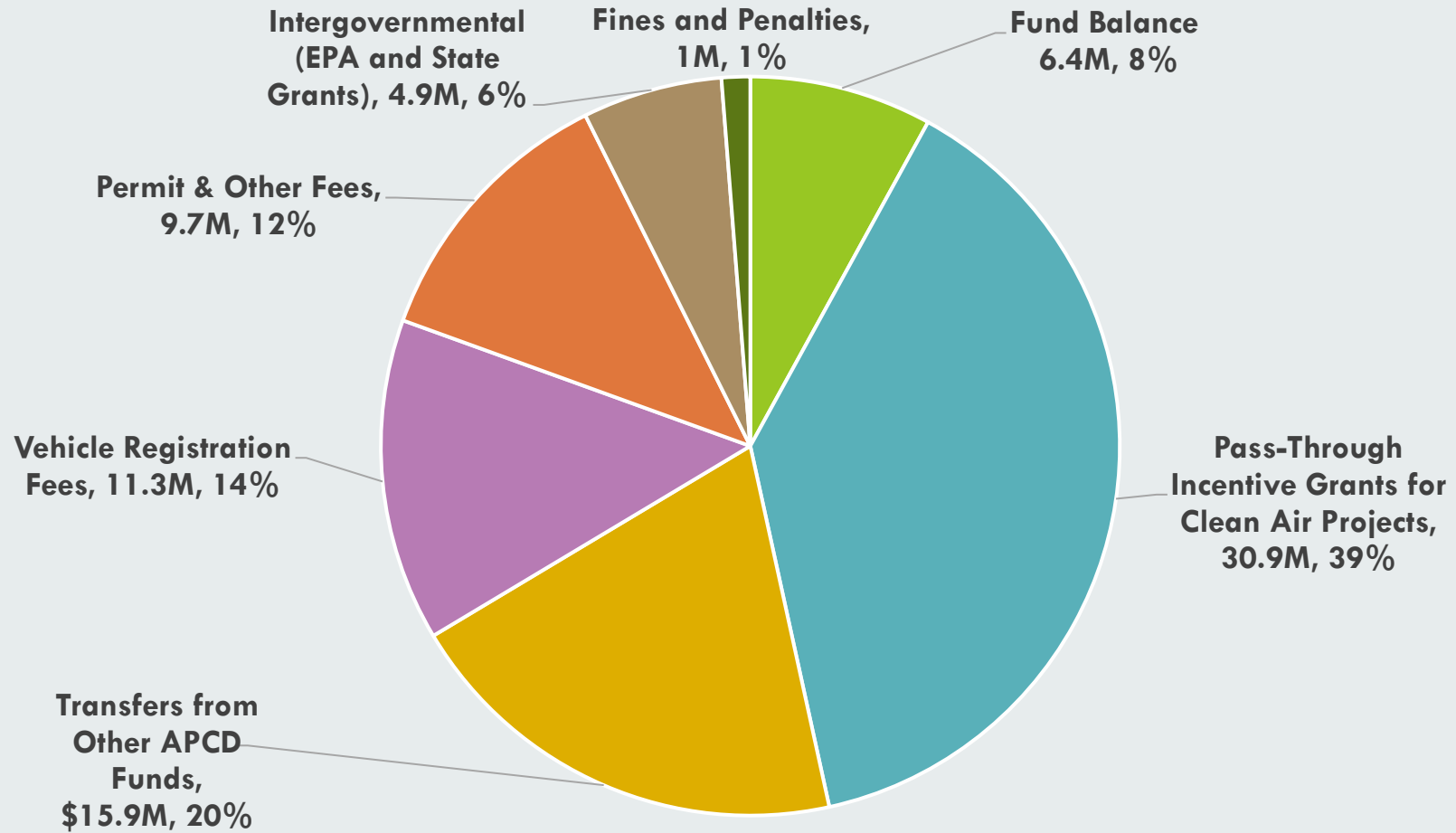
Financial Statements

- APCD will be responsible for preparation
- Budget vs actual financial information will be posted on new APCD website
- Financial statements will be audited annually
- MGO CPA firm hired to audit statements starting with FY20-21
- Audit will be completed in Fall, 2021

APCD Budget of \$80.1M (FY 20-21)



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Revenues & Other Sources of Funds

Item 2: Overview of the Air Pollution Control District

BACK-UP SLIDES



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AB 423 Program Enhancements (Compliance and Engineering)

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Subject

Action

Permitting Information

- Post permitting information

Air Toxic Program "Hot Spots"

- Post information related to the Air Toxic "Hot Spots" Program

Permit Applications Report

- Consider rule amendments to ensure adequate opportunity for public comment on applications

Enforcement Cases

- Post settled enforcement cases

Complaints Process

- Evaluate the current public complaint process
- Post air pollution complaints and their resolution

Portside Community Air Monitoring Locations

