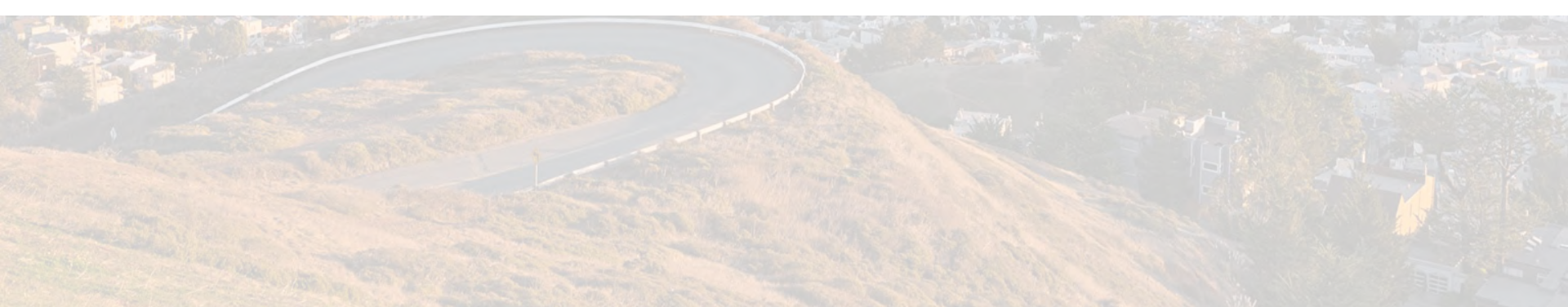


Bay Area Regional Collaborative (BARC) Work Plan Update

Allison Brooks
BARC Executive Director
March 17, 2021

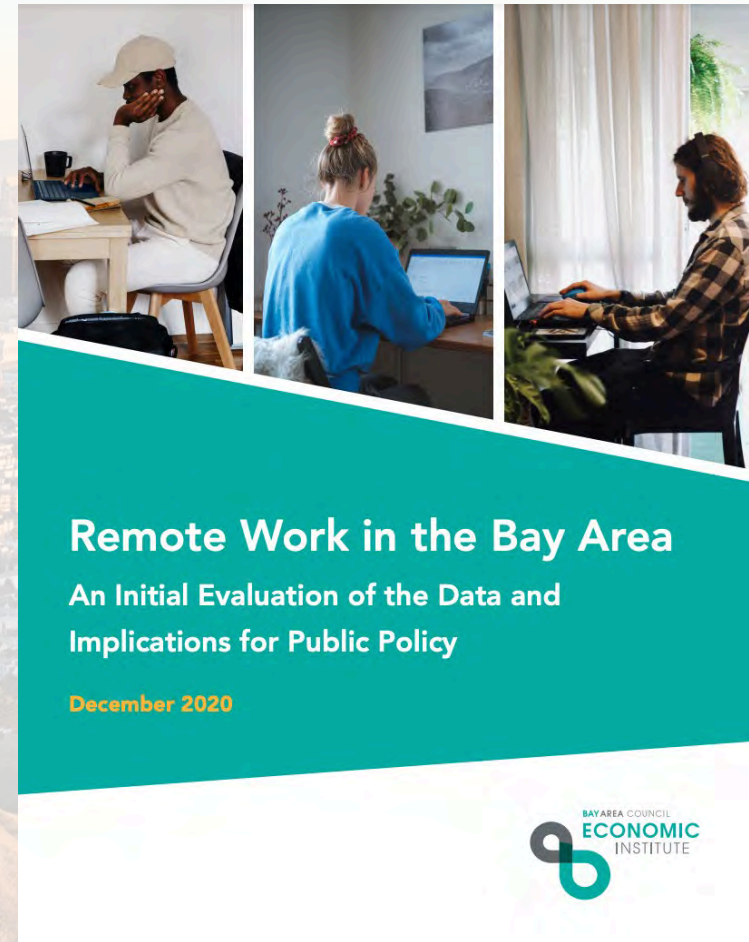


BARC Work Plan Updates

1. BARC Work Plan Update
2. Climate Resiliency: State Legislative Engagement
3. AB 617 Implementation in West Oakland

BARC Work Plan Update

- 2020-2022 Work Plan: 5 of 10 projects completed
- Led Remote Work Study with Bay Area Council Economic Institute
- Applied for further SB1 funds for Master Planning for Dumbarton Bridge West Approach with East Palo Alto and Menlo Park

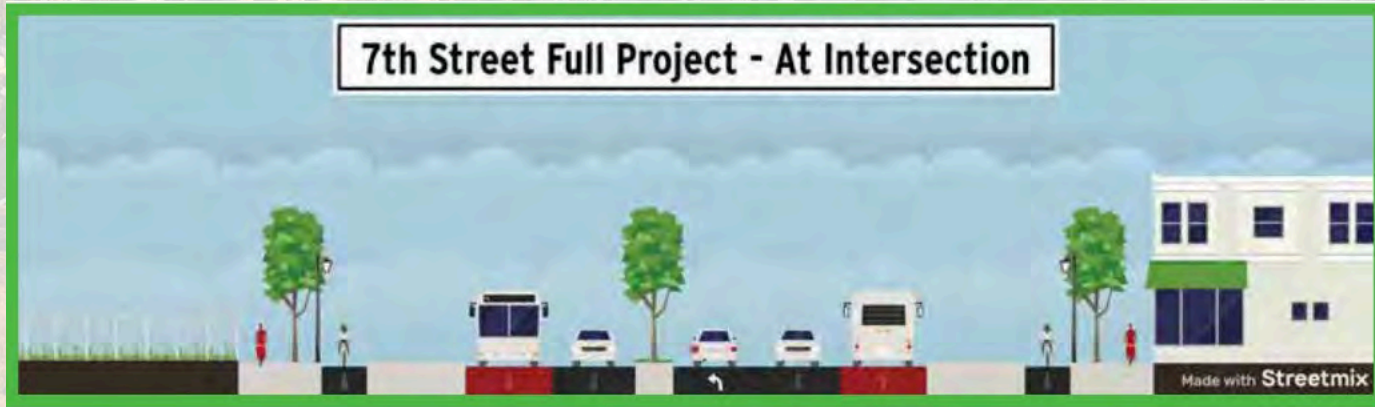


Climate Resiliency: State Legislative Engagement

- Climate Adaptation Legislative Working Group
- Key focus areas:
 - Resilience bonds (AB 1500, SB 45)
 - Amending SB 375 to add resilience and building electrification targets (SB 475)
 - Regional climate adaptation networks/planning (AB 11, AB 51, AB 897)
 - Addressing wildfire and extreme heat (SB 12, AB 585)

AB617 Implementation: West Oakland Community Action Plan

- Led 3/3 Transportation Funding Discussion with City of Oakland and OakDOT
 - Oakland recently received \$14.1m in state funds for 7th St. Corridor improvements
- Continuing to lead monthly Goods Movement Emissions Reduction Working Group meetings



An aerial photograph of San Francisco, California, showing the city's dense urban landscape, the Golden Gate Bridge, and the surrounding hills and water. The image is slightly faded to serve as a background for the text.

Thank You!

Allison Brooks
Executive Director, BARC
abrooks@bayareametro.gov



BAY AREA
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AGENDA: 4

Discussion of Proposed Budget for Fiscal Year 2021-2022

**Administration Committee Meeting
March 17, 2021**

**Jeff McKay
Chief Financial Officer
jmckay@baaqmd.gov**

Outcome



The Committee will receive a summary of the Fiscal Year (FY) 2021-2022 Proposed Budget for consideration and direction

Outline



- Status of Current Fiscal Year 2020-2021
- Financial History/Trends
- Proposed Budget for Fiscal Year 2021-2022
- Next Steps

Requested Action



- No action is being requested at this time.
- The Committee will receive another presentation on the Proposed Budget at its April 21, 2021 Meeting and consider a recommendation to refer the FY 2021-2022 Proposed Budget to the full Board.



Actions Taken During the Economic Downturn:

- Reserves Used for General Fund Expenditures
- Vacancies Unfilled (Staff Reduction Through Attrition)
- Postponed Expenditures
- Deferred Capital Investment
- Initiated Cost Recovery Policy
- Continued Funding of Retirement Liabilities

Financial History

Actual Reserves and Policy Trends

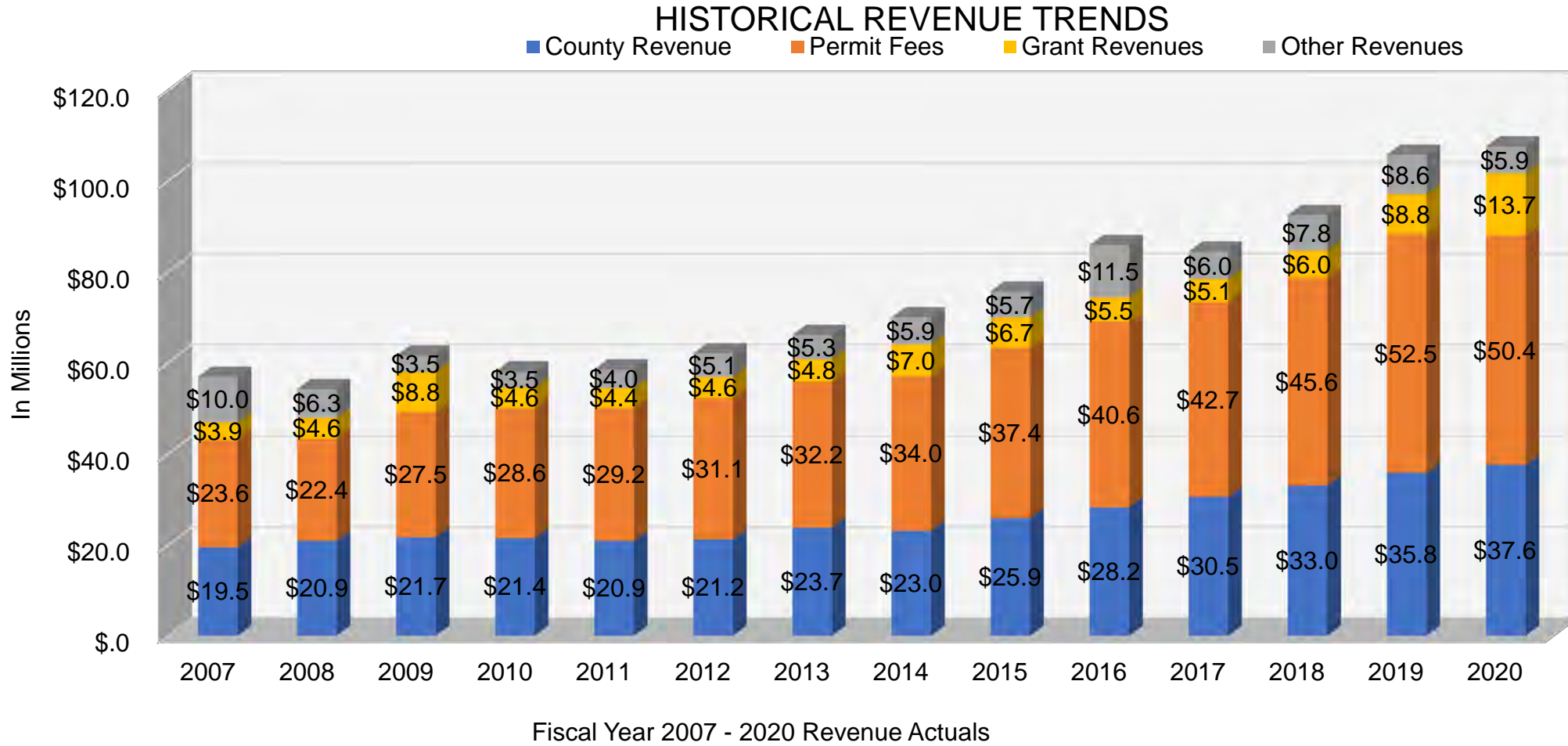


GENERAL FUND RESERVES COMPARED WITH POLICY



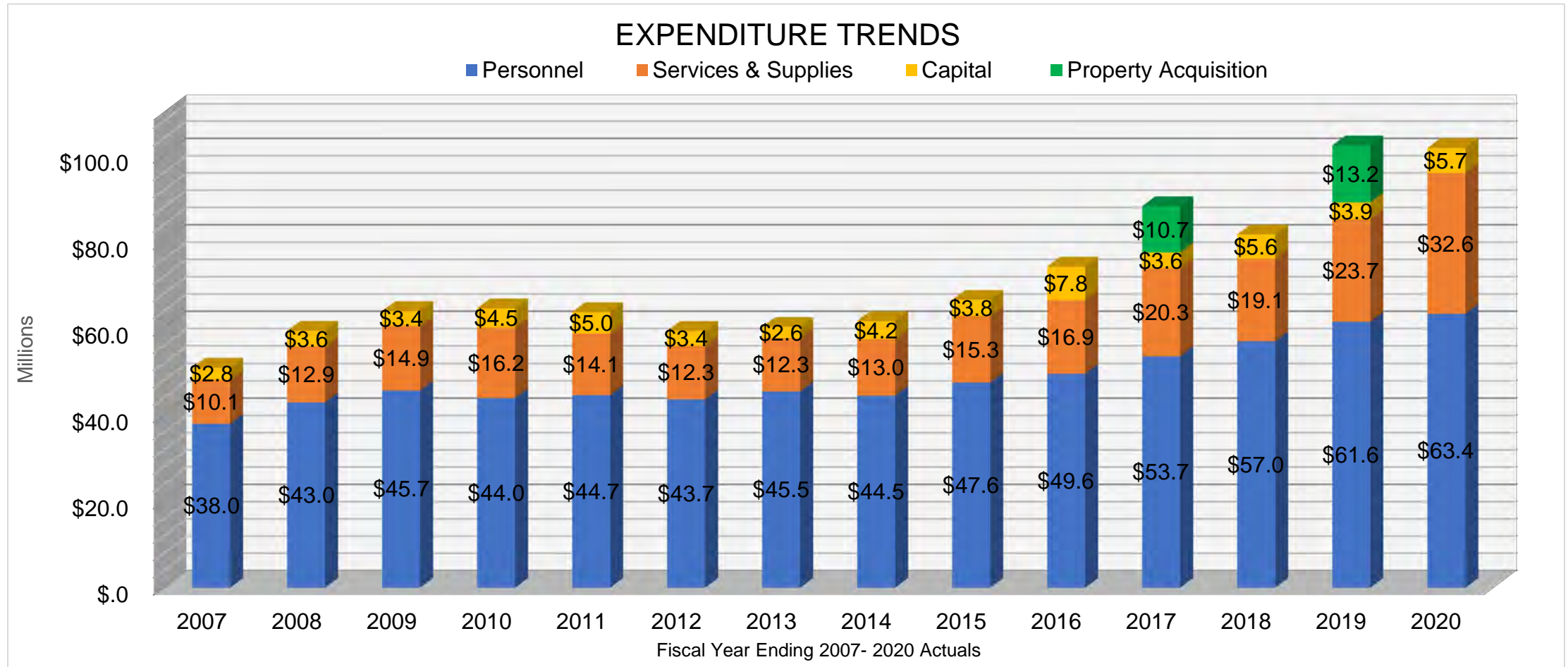
Financial History

General Fund Revenue Trends



Financial History

General Fund Expenditure Trends

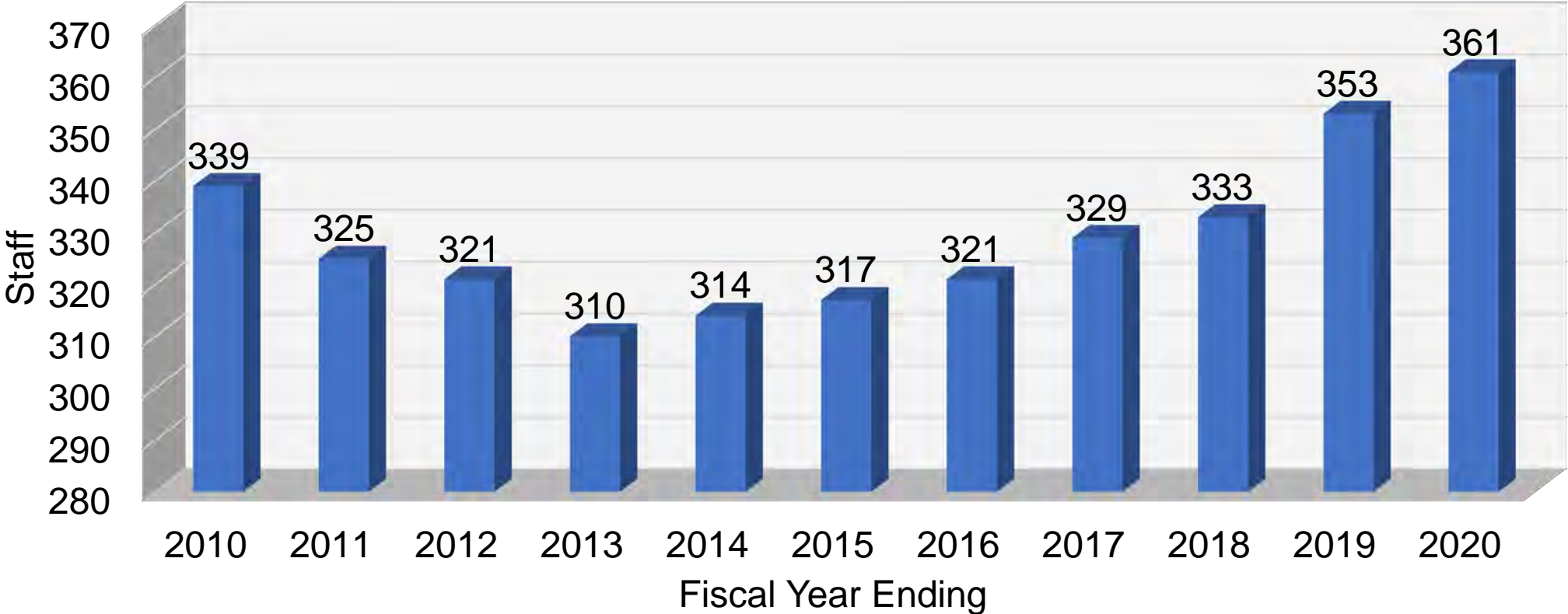


Financial History

Staffing Trends



AVERAGE FILLED SEATS BY FISCAL YEAR

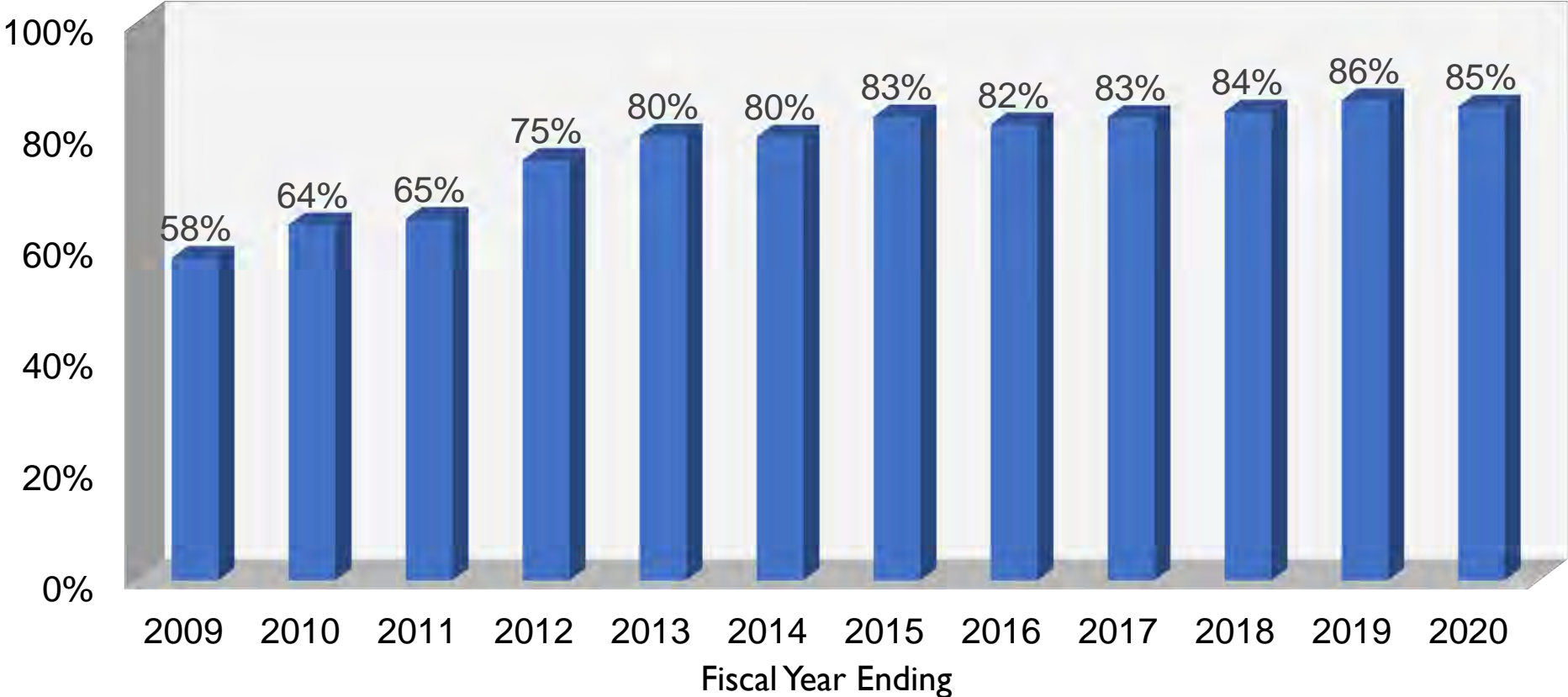


Financial History

Cost Recovery Trends



COST RECOVERY TRENDS USING A 3-YR AVERAGE



Financial History

Fees and Cost Recovery Overview



Cost Recovery Policy Established in Fiscal Year Ending (FYE) 2012:

- Air District can recover 100% of costs through fees
- 85% minimum cost recovery target
- 6% average annual fee increase
- Regulated community gains predictable fees
- Established Budget Advisory Group in 2020

Current Fiscal Year Budget Overview



Actions taken to address COVID-19 Impacts:

- No Increase to the Air District's Existing Fee Schedules
- Projected 15% Reduction in Permit Fee revenue
- Projected 50% Reduction in Asbestos revenue
- Adoption of new fee schedule for Assembly Bill (AB) 617 program
- No increase to Services and Supplies budget for District programs
- Delay building improvements to the Richmond Office
- Use of \$5.2 million (M) of reserves to balance the budget

Current Fiscal Year Budget Overview (cont.)



General Fund 2020-2021 Budget: \$106.5 M

Included Use of Reserves \$5.2 M to balance the Budget

As of March 2021:

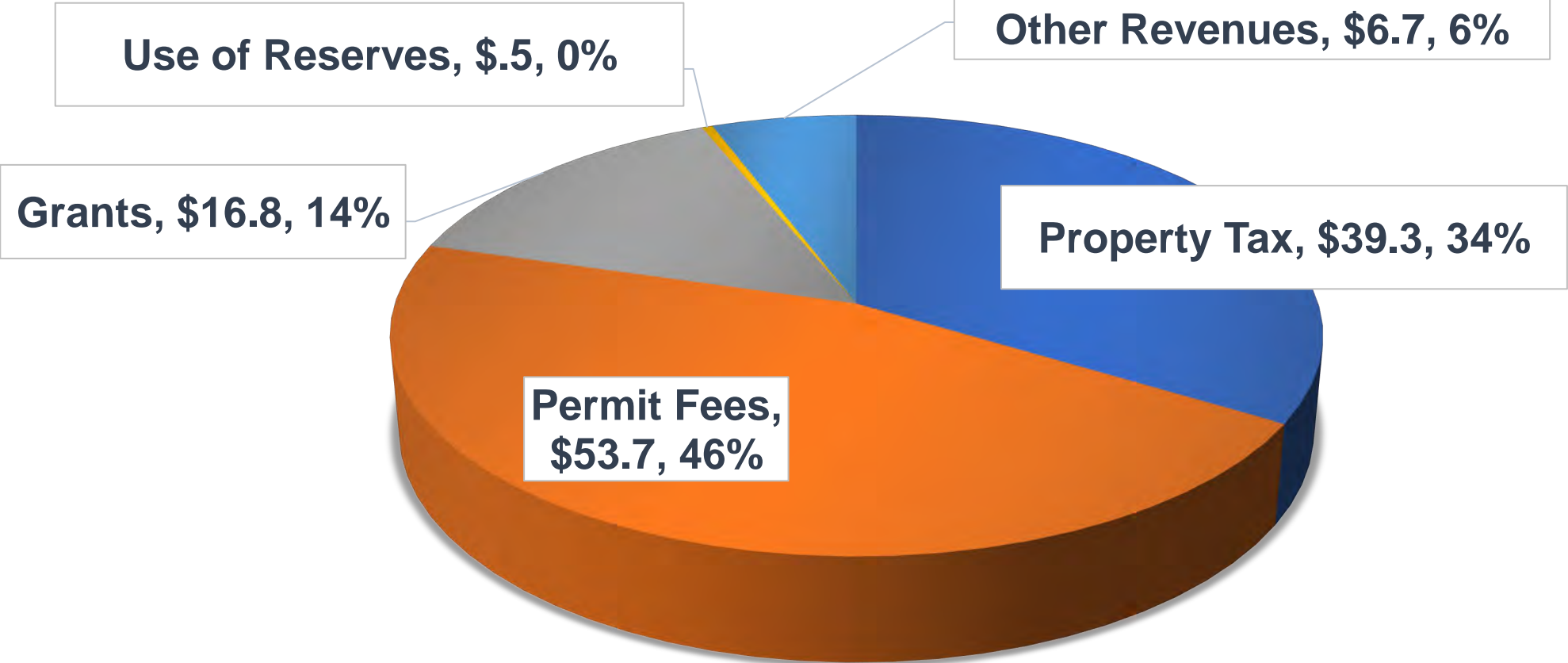
- ✓ Permit Fee revenue higher than initial projections
- ✓ Property Tax revenue on target
- ✓ Expenditures on target

Fiscal Year 2021-2022 Proposed Budget Overview



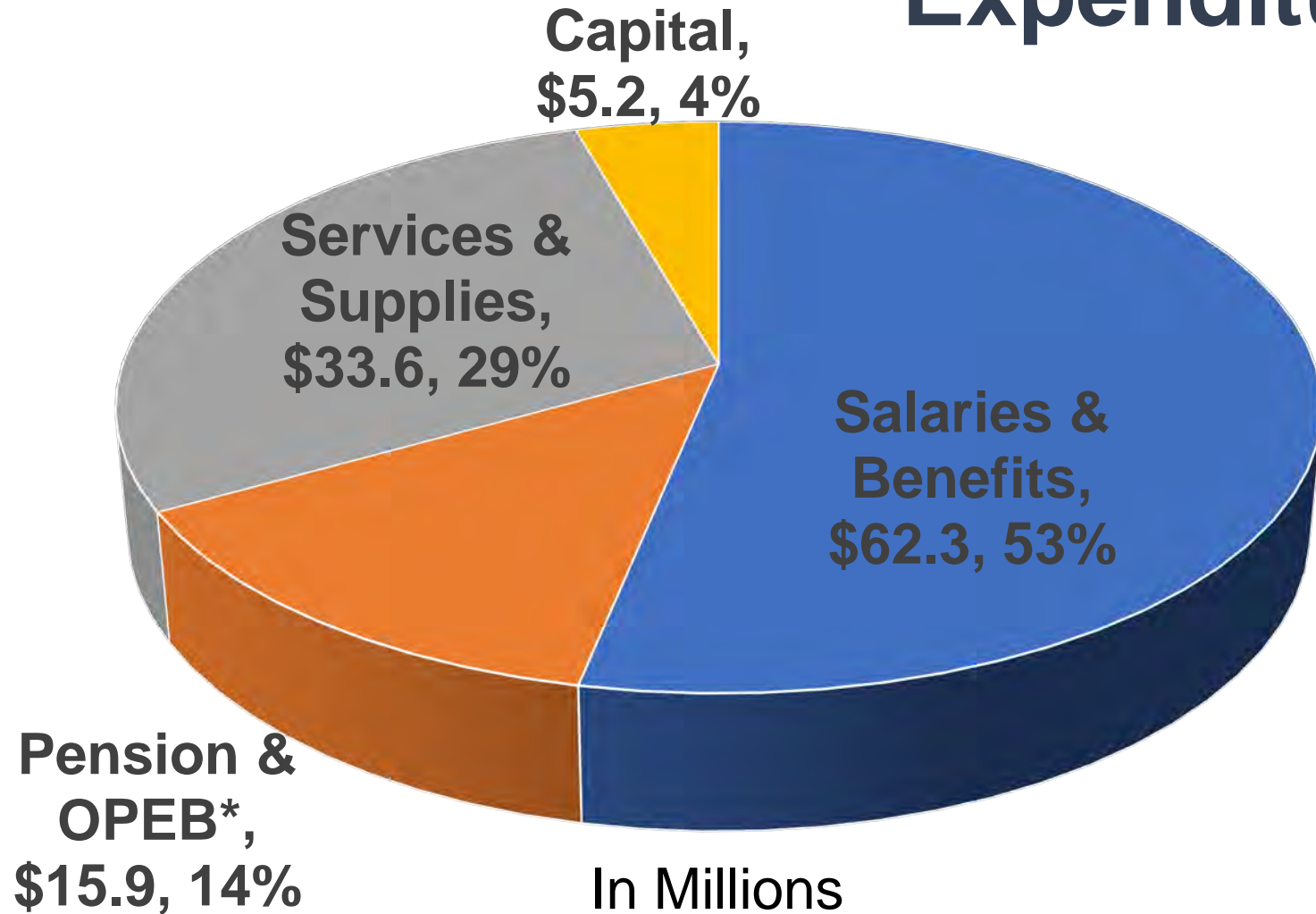
- \$117 M General Fund Budget
- Includes Use of Reserves \$0.5 M
- Continuation of Cost Recovery Policy
- New Fee schedule for Criteria Pollutants and Toxic Emissions Reporting (CTR fee)
- Staffing Level Increase: 415 to 441 Full Time Equivalent (FTE)
- Addresses Retirement Liabilities

Breakdown of FYE 2022 General Fund Revenues



In Millions

Breakdown of FYE 2022 General Fund Expenditures



*Other Post-Employment Benefits (OPEB)

Breakdown of \$10.5 M Budget Increase



BUDGETED SOURCES:	\$ (Million)
Increase to Property Taxes	0.6
Increased Revenue from Current Fees	7.7
Proposed Fee Increase	3.0
New Criteria Pollutant and Toxic Fees	1.3
Increase to Penalties/Settlements	1.3
Increase to Interest	0.8
Reduction to Special Fund Transfer	(1.3)
Other	0.4
Total Ongoing Sources	13.6
New Woodsmoke Incentive Grant	1.5
Reduction in Use of Reserves	(4.7)
Total One-time Sources	(3.1)
TOTAL BUDGETED SOURCES	10.5

Breakdown of \$10.5 M Budget Increase



BUDGETED COSTS:

19 Additional General Fund Positions with Benefits	3.5
Increase in personnel costs for current authorized positions	1.3
Increase in CalPERS Required Unfunded Pension Payment	1.0
Increase in Capital Expenditures	0.5
Air Monitoring & Technology Program	2.4
Net Increase in Various District Programs (60)	2.5
Total Ongoing Costs	11.1
Vacancy Rate Adjustment from 2% to 5%	(2.6)
Woodsmoke Incentive Program	1.5
Continue Richmond Office Improvement	0.5
Total One-time Costs	(0.6)
TOTAL BUDGETED COSTS	10.5

New Staffing Request General Fund



Work Unit	Number of Staff	Funding Source	Budget Impact
Community Engagement	3	AB 617	535,106
Compliance & Enforcement	4	Fees	707,491
Engineering	4	Fees	777,983
Finance	3	General Fund	605,605
Meteorology and Measurement	4	Multiple	701,475
Rules	1	Fees	189,618
	19		3,517,278

New Staffing Request Grant Funded



Work Unit	Number of Staff	Funding Source	Budget Impact
Finance	1	Grant	162,808
Strategic Incentives	5	Grant	914,661
Technology Implementation Office	1	Grant	175,386
	7		1,252,855

Engineering Division Staffing Augmentation



- **Goal: Issue timely permits, reduce the permit backlog and implement mandated programs**
 - **AB 617 Criteria and Toxic Reporting:** Design and implement new emissions reporting requirements mandated by the California Air Resources Board, including leading the Uniform Emissions Inventory workgroups in support of the rule
 - **Regulation 11-18 Facility Risk Reduction:** Complete Health Risk Assessments and review Risk Reduction Plans to reduce risk impacts to the community
 - **Regulation 12-15 Petroleum Emissions Tracking:** Review and approve refinery emissions inventories. Track emissions and crude oil compositions characteristics over time
- **New or Enhanced Programs Driving the Request**
 - Provide technical expertise for developing new regulations to reduce
 - Toxic and Particulate Matter (PM) emissions in **AB 617** communities
 - Greenhouse gases, such as methane for **Climate Protection**
 - Staff positions were previously diverted to other programs in need
 - Staff positions were not provided for new initiatives: **Facility Risk Reduction and Petroleum Refinery Emissions Tracking**

Engineering Division Positions



<u>FTE</u>	<u>Position</u>	<u>Division/Office/Section</u>	<u>Funding</u>	<u>Goal</u> <u>(from prior slide)</u>
4	Manager (1) Engineer (3)	Engineering	Fees	Issue timely permits, reduce the permit backlog and implement mandated programs

Technology Implementation Office

Staffing Augmentation



- **Goal: Meet EV incentive demand:** Increase capacity to keep up with increasing demand for electric vehicle incentive programs
 - improve accuracy, efficiency, and capacity to manage large volumes of applications, program awards, payments, and monitoring reports
 - increase outreach ability, equity focus, and program effectiveness
- **New or Enhanced Programs Driving the Request**
 - Increased demand and funding for the Clean Cars for All Program (CCFA)
 - Same staffing level from when the CCFA program began – CCFA has since increased from a \$5 M program to a \$27 M program
 - Small award amounts result in thousands of applicants and projects to manage
 - Additional CCFA funding is expected in the upcoming CA budget and Air District allocations
 - New CCFA funding includes administrative funding to support staff costs

Technology Implementation Office Positions



<u>FTE</u>	<u>Position</u>	<u>Division/Office/Section</u>	<u>Funding</u>	<u>Goal</u> <u>(from prior slide)</u>
1	Staff Specialist (1)	Technology Implementation Office (TIO)	Grants	Meet EV Incentive Demand

Compliance & Enforcement Staffing Augmentation



- **Goal:** Provide **Enhanced Source Investigations/Audits** to ensure compliance with existing regulations for toxic and PM emission sources in AB 617 communities
 - Sub Goal: **Conduct complex Air District's stationary source investigations** beyond performing routine enforcement inspections
 - Sub Goal: **Conduct rule effectiveness audits and major source audits** at landfills, composting operations, petroleum refineries, metal shredding operations, power plants, in alignment with the AB 617 Enforcement Plan
 - Sub Goal: **Conduct in-depth investigations to determine the cause and corrective action following non-routine releases of air contaminant causing a major incident** in a timely manner resolving non-compliance and air quality issues

Compliance & Enforcement **Staffing Augmentation (cont.)**



- **New or Enhanced Programs Driving the Request**

- AB 617 Enforcement Plan
- Enforcement initiative to participate in rule development in alignment with AB 617 expedited best available retrofit control technology (BARCT) in order to yield important emissions reduction benefits within these communities
- Provide specialized expertise to Air District staff, counsel, the public and environmental justice communities to implement emission reduction plans in disadvantaged communities
- Provide technical support for developing and enforcing new regulations to reduce greenhouse gas emissions
- Provide additional assistance to facilities to comply with state CTR regulation

Compliance & Enforcement Positions



<u>FTE</u>	<u>Position</u>	<u>Division/Office/Section</u>	<u>Funding</u>	<u>Goal</u>
4	Senior Engineers (2) Air Quality Inspector I/II (2)	Compliance & Enforcement	Fees	Enhanced Source Investigations/Audits

Finance Division Staffing Augmentation



- **Goals: *Meet Service Delivery Demands and Statutory Timelines:*** Increased financial transaction and statutory reporting requirements for grant programs and financial audits
 - Service delivery demands: delays or risks to the processing of financial transactions; Improve response time to customer requests
 - Meet increasing demands of statutory financial reporting for grant programs and financial audits
- **New or Enhanced Programs Driving the Request**
 - Increased number of financial transactions and reporting responsibilities. Since 2016, the Air District's consolidated budget has grown from approximately \$140 M to \$240 M.
 - New and enhanced grant programs requiring more and in some cases; more frequent financial reporting
 - Additional financial reporting pronouncements required by Government Accounting Standards Board
 - Supports Finance Office restructure to improve oversight and increase effectiveness of its functions and responsibilities
 - Address succession planning for key finance functions

Finance Division Positions



<u>FTE</u>	<u>Position</u>	<u>Division/Office/Section</u>	<u>Funding</u>	<u>Goal</u> <u>(from prior slide)</u>
1	Specialist	Finance	Grants	Meet Service Delivery Demands and Statutory Timelines
3	Officer (1); Specialist (2)	Finance	General Fund	Meet Service Delivery Demands and Statutory Timelines

Community Engagement Staffing Augmentation



- **Goal: Effective implementation of new and expanded programs**
 - Implement new **equity initiatives**
 - Ensure adequate geographic coverage throughout region
- **New or Enhanced Programs Driving the Request**
 - Community Advisory Council
 - Staff training in equity and Environmental Justice
 - **AB 617** expansion into additional communities
 - Community Engagement Guidelines including Youth Strategy

Community Engagement Positions



<u>FTE</u>	<u>Position</u>	<u>Division/Office/Section</u>	<u>Funding</u>	<u>Goal (from prior slide)</u>
3	Staff Specialist (3)	Community Engagement	AB 617 Implementation Grant	Equity Initiatives AB 617

Rules Division Staffing Augmentation



- **Particulate Matter Strategies:** Implement new strategies to reduce particulate matter
 - **Response to the Advisory Council:** Evaluate strategies to reduce particulate matter from various sources, such as residential wood burning, commercial cooking, and dust sources.
- **New or Enhanced Programs Driving the Request**
 - Advisory Council Particulate Matter Reduction Strategy Report

Rules Division Positions



<u>FTE</u>	<u>Position</u>	<u>Division/Office/Section</u>	<u>Funding</u>	<u>Goal</u> <u>(from prior slide)</u>
1	Senior Air Quality Engineer (1)	Rules Division	Fees	Particulate Matter Strategies

Strategic Incentives Division **Staffing Augmentation**



Goal – increase capacity and quality of work

- **AB 617 Communities:** Be responsive to requests for hyperlocal data and development of new grant program opportunities
- **Systems Development:** Develop tools to unify grant program data management systems and handle reporting requirements
- **Regulatory and Grant Deadlines:** Meet the mandatory deadline requirements for application review, contracting, project completion, reporting, and payment
- **New Funding Sources and Projects:** Address overall increase in workload from more project funding

Strategic Incentives Division Staffing Augmentation (cont.)



New and Enhanced Programs Driving the Request

Funding Programs	Regulations and Initiatives
• AB 617 - Community Air Protection	• Diesel Free by 33
• Funding Agricultural Reduction Measures for Emission Reductions (FARMER)	• Truck AND Bus Rule
• VW Trust	• Drayage Truck Rule
• Woodsmoke	• Harbor Craft Rules
• Off-set Program	

Strategic Incentives Division Positions



<u>FTE</u>	<u>Position</u>	<u>Division/Office/ Section</u>	<u>Funding</u>	<u>Goal</u> <u>(from prior slide)</u>
1	Manager (1)	Strategic Incentives	Grants	AB 617 Communities Systems Development Regulatory and Grant Deadlines New Funding Sources and Projects
3	Staff Specialists (3)	Strategic Incentives	Grants	AB 617 Communities Regulatory and Grant Deadlines New Funding Sources and Projects
1	Assistant Staff Specialist	Strategic Incentives	Grants	Systems Development Regulatory and Grant Deadlines New Funding Sources and Projects

Meteorology and Measurement Staffing Augmentation



- **Goals:**
 - **Monitoring Requirements:** Meet federal and state requirements; improve monitoring network to address current needs
 - **Required for Air District Functions:** Ensure accurate permitting and support enforcement of existing regulations; technical analyses and data to support rule development
 - **Community Support:** Communities have improved understanding of air quality and emissions from sources in their communities
- **New or Enhanced Programs Driving the Request**
 - Staff were previously diverted to AB 617, improving outdated monitoring data systems and other programs

Meteorology and Measurement Positions



<u>FTE</u>	<u>Position</u>	<u>Division/Office/Section</u>	<u>Funding</u>	<u>Goal</u> <u>(from prior slide)</u>
1	Air Quality Instrument Specialist	Air Monitoring Operations	Multiple	Monitoring Requirements
1	Air Quality Laboratory Technician	Laboratory	Fees	Monitoring Requirements
1	Principal Air Quality Instrument Specialist	Source Test	Fees	Required for Air District Functions; Community Support
1	Senior Air Quality Specialist	Ambient Air Quality Analysis	Multiple	Monitoring Requirements; Community Support

Capital Budget Detail



<u>Description</u>	<u>PGM</u>	<u>Amount</u>
One (1) Equipment for Advanced Testing & Training Laboratory	802	257,000
One (1) Air Quality Analyzer	802	360,685
Two (2) Air Quality Analyzers - PM2.5 equipment	802	49,026
Four (4) Source Test Analyzers	804	80,000
One (1) PM Field Testing Van	804	60,000
One (1) Computerized Gas Dilution System	807	20,400
One (1) Gas Calibration Setup for Mobile & Portable Monitoring Systems	810	25,000
One (1) Enhancements to Portable Monitoring System	810	32,000
One (1) Optical Gas Imaging Camera	403	100,000
HQE Seismic Retrofit and Security Assessment	707	500,000
Leasing of Additional Vehicles	710	50,000
Design and Prototype of new IT/Telecom Infrastructure	726	400,000
HQE Business Continuity Site Improvement	726	200,000
Replace Key End of Life Computer Networking Components	726	200,000
Public Permitting & Compliance Systems	125	2,853,347
Total Capital Expenditures		5,187,459

Funding of Retirement Liabilities



- **Medical Retirement (OPEB):**

- Obligation: \$72 M
- Funded: \$54 M (75%)
- Unfunded: \$18 M (25%)

- **Funding Policy: 90% Funded Level**

- Three-Year Target Date (FYE 2025)
- **\$4 M Annual Discretionary Funding**
- Redirect \$4 M Discretionary Funding to CalPERS Pension after reaching target funding level

- **CalPERS Retirement (Pension):**

- Obligation: \$341 M
- Funded: \$250 M (73%)
- Unfunded: \$91 M (27%)

- **Funding Policy: 90% Funded Level**

- 90% Target Date (FYE 2030)
- **\$1 M Annual Discretionary Funding**
- \$4 M Redirect Discretionary Funding from OPEB

Community Benefit Funding



- The proposed Community Benefit Fund would provide monetary resources for projects in impacted communities to reduce exposure to air pollution and address public health impacts.
- Similar to California Air Resources Board (CARB) Community Air Grants Program but not restricted to Assembly Bill 617 communities
- The Air District will fund the Community Benefit Fund with the initial \$1M...
- ...After which an estimated \$500,000 per year in penalty fees will be directed to the Community Benefit Fund.

Reserves Designations



GENERAL FUND RESERVES	
	\$M
Reserves Balance at June 30, 2020	54.0
<u>Less: Designations</u> *	
Community Benefits	-1.0
Pension Liability	-3.0
Woodsmoke Grants	-1.0
Revolving Loan Program	-3.4
Economic Contingency (20% of Budget)	-23.3
Total Designations	-31.7
<u>Less: Use of Reserves</u>	
Use to Balance FY2021 Budget	-5.2
Use to Balance FY2022 Budget	-0.5
Total Use of Reserves	-5.7
AVAILABLE GENERAL FUND RESERVES	16.6
<i>*Designations subject to change at Board's Direction</i>	

Fiscal Year 2021-2022 Proposed Budget Summary



- \$117 M General Fund Budget
- Includes Use of Reserves \$0.5 M for Richmond Improvements
- Amend Fee Schedule based on Proposed Fees
- New Fee Schedule for CTR
- Budgeted Position Increase to 441 FTE
- \$4 M Annual Contribution to OPEB
- \$1 M Annual Contribution to Pension

Feedback Requested/Prompt



- No action required at this time.
- **NEXT STEPS:**
 - April 7, 2021 – 1st Public Hearing on Proposed Fees
 - April 21, 2021- Committee refers proposed budget to the Board of Directors
 - May 5, 2021- 1st Public Hearing on Proposed Fees and Budget
 - June 2, 2021 – 2nd Public Hearing and Adoption of the Proposed Fees and Budget



BAY AREA
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AGENDA: 5

Draft Amendments to Regulation 3, Fees

**Administration Committee Meeting
March 17, 2021**

**Fred Tanaka
Air Quality Engineering Manager
ftanaka@baaqmd.gov**

Outcome



Update Administration Committee on Proposed Regulation 3 (Fees) Amendments

Outline



- Cost Recovery Background
- Proposed Fee Amendments
- Rule Development Schedule
- Questions

Requested Action



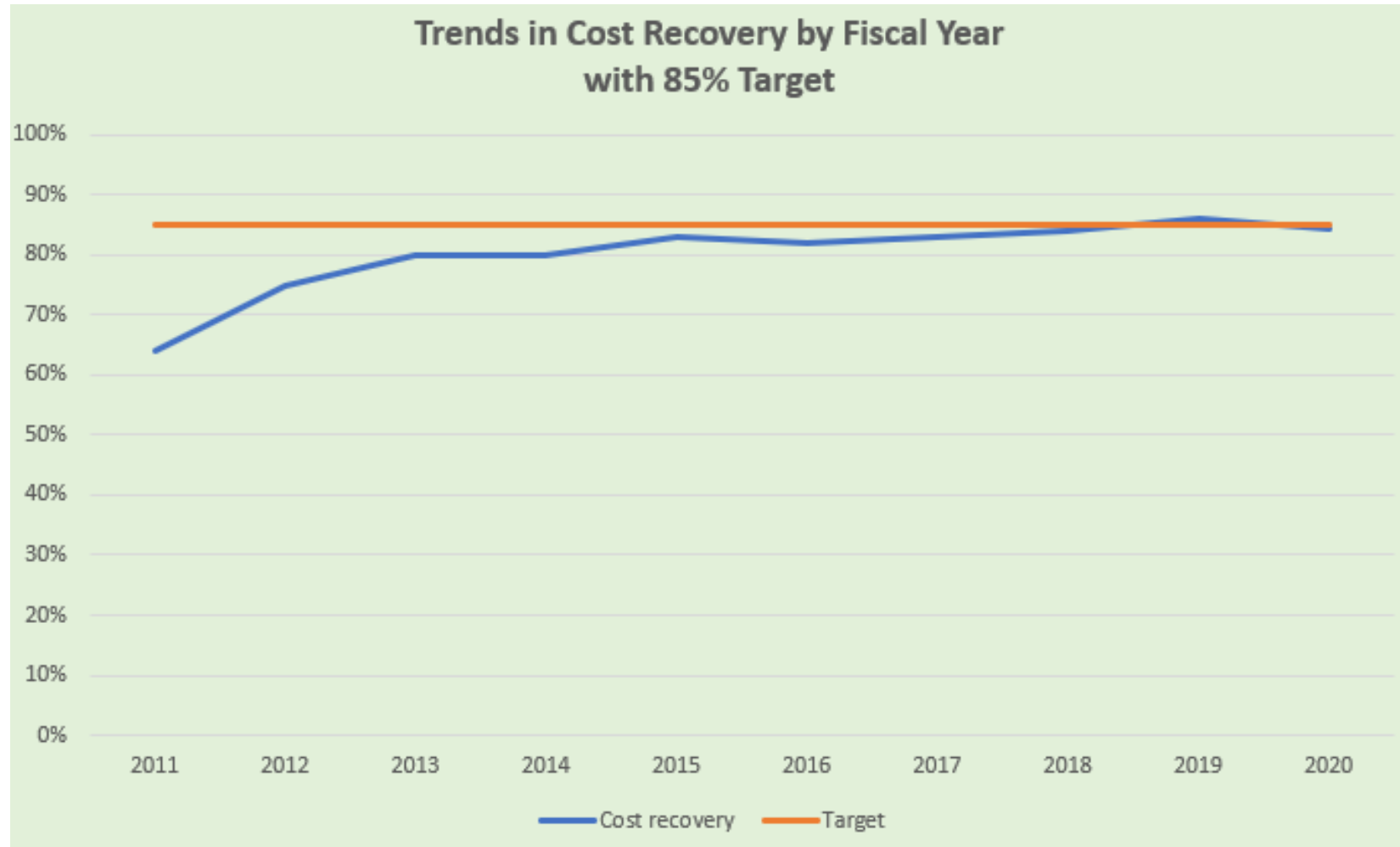
None. Informational Only

Cost Recovery Background



- Air District has authority to assess fees to recover the reasonable costs.
- Board of Directors set goals of increasing cost recovery to a minimum of 85%.
- Fee amendments will be made in consideration of cost recovery analyses at the fee schedule-level.
- Cost recovery is also impacted by:
 - New and enhanced programs
 - Priorities
 - Staffing levels

Trends in Cost Recovery from Regulatory Fees: 3-Year Average



Draft Fee Amendments: Proposed Changes to Fee Schedules



Revenue from Fee Schedule	Change in Fees	Fee Schedules
95 – 110% of costs	1.5% increase (CPI-W*)	B, D, M
85 – 94% of costs	7% increase	F, P
75 – 84% of costs	8% increase	E, H
50 - 74% of costs	9% increase	G2, G3, G4, T, V
Less than 50% of costs	15% increase**	A, G1, K, N, S, W

* The annual Consumer Price Index for Bay Area Urban Wage Earners and Clerical Workers (CPI-W) increase.

** 2018 Matrix Consulting Group Cost Recovery and Containment Study recommendations.

Proposed Changes to Fee Schedules (cont.)



Fee Schedules with 1.5% increase

Schedule B: Combustion of Fuels

Schedule D: Gasoline Transfer at Gasoline Dispensing

Facilities, Bulk Plants, and Terminals

Schedule M: Major Stationary Source Fees

Fee Schedules with 7% increase

Schedule F: Misc. Sources (storage silos, abrasive blasting)

Schedule P: Major Facility Review Fees

Proposed Changes to Fee Schedules (cont.)



Fee Schedules with 8% increase

Schedule E: Solvent Evaporating Sources

Schedule H: Semiconductor and Related Operations

Fee Schedules with 9% increase

Schedule G-2: Misc. Sources (e.g., asphaltic concrete, furnaces)

Schedule G-3: Misc. Sources (e.g., metal melting, cracking units)

Schedule G-4: Misc. Sources (e.g., cement kilns, sulfur removal and coking units, acid manufacturing)

Schedule T: Greenhouse Gas Fees

Schedule V: Open Burning

Proposed Changes to Fee Schedules (cont.)



Fee Schedules with 15% increase

Schedule A: Hearing Board Fees

Schedule G-1: Misc. Sources (e.g., glass manufacturing, soil remediation)

Schedule K: Solid Waste Disposal Sites

Schedule N: Toxic Inventory Fees

Schedule S: Naturally Occurring Asbestos Operations

Schedule W: Petroleum Refining Emissions Tracking Fees

Assembly Bill 617 Community Health Impact Fee

- Charged during or after permit renewal for Title V facilities
- No change in the 6.7 percent of the permit renewal fee

Other Proposed Amendments



Specific fees in Regulation 3, Section 300 are proposed to be increased 1.5% based on the CPI-W

- Section 3-302: New and modified source filing fees
- Section 3-311: Emission Banking Fees
- Section 3-312: Regulation 2, Rule 9 Alternative Compliance Plan fee
- Section 3-320: Toxic Inventory maximum fee
- Section 3-327: Permit to Operate renewal processing fee
- Section 3-337: Exemption Fee
- Section 3-341: Fee for Risk Reduction Plan
- Section 3-342: Fee for Facility-Wide Health Risk Assessment
- Section 3-343: Fees for Air Dispersion Modeling

Other Proposed Amendments (cont.)



Increase Risk Assessment Fee (RAF) in Schedule D.A for Gas Dispensing Facilities (GDFs)

- Increase current fee by 15% for modified GDFs
- Charge \$3,827 for new GDFs

Section 3-305: Cancellation or Withdrawal

- Clarify language on credited fees if application is resubmitted

Other Proposed Amendments – Fee for CTR Implementation



California Air Resources Board (CARB), adopted a new regulation for criteria pollutant and toxics emissions reporting titled, "Regulation for the Reporting of Criteria Air Pollutants and Toxic Air Contaminants (CTR)".

- Implementation includes:
 - System/programming changes, compressed timeframe, future data needs, notification, customer support, and enforcement
- We estimate \$1.5 million per year is needed for implementation

Other Proposed Amendments – Fee for CTR Implementation (cont.)



Current proposal

- Each permitted facility shall pay a CTR fee equal to 4.4% of their facility's annual total permit renewal fee.
- Fee is capped at \$50,000.

Impact on Large Facilities: Power Plants



	Annual % Permit Fee Increase/Decrease (Fiscal Year Ending)					2021 Permit Fee
	2018	2019	2020	2021*	2022 Projected	
Delta Energy	-7.0	-13.5	23.3	10.8	9.2	\$ 500,000
Los Medanos	7.3	16.2	-1.9	8.4	9.4	\$ 430,000
Gateway	-7.6	12.0	8.2	4.4	9.3	\$ 370,000
Crockett Cogen	2.5	5.3	9.7	5.7	9.1	\$ 280,000

*Facilities renewal periods are being changed to accommodate new Criteria Pollutant and Toxics Emissions Reporting (CTR) reporting requirements. Consequently, fees have been normalized to represent a one-year permit.

Impact on Large Facilities: Petroleum Refineries



	Annual % Permit Fee Increase/Decrease (Fiscal Year Ending)					2021 Permit Fee
	2018	2019*	2020	2021	2022 Projected	
Chevron	1.2	-0.5	0.8	12.3	7.2	\$4.1 M
Shell	4.0	5.6	1.3	14.5	8.0	\$4.0 M
Phillips 66	2.2	4.2	14.6	13.4	8.3	\$2.2 M
Valero	2.4	-0.2	23.2	12.9	8.6	\$2.6 M
Tesoro**	-8.5	15	22.3	4.8	7.7	\$3.0 M

*Permits to Operate extended from 8/1/18 to 12/1/2019 (16 months) to allow use of Rule 12-15 emission inventories to calculate emissions and permit renewal fees. Consequently, fees have been normalized to represent a one-year permit.

**Projected 2022 increase is based on previous year's fees operating as a fossil-fuel refinery.

Impact on Small Businesses



Facility Type	Current Fees (prior to change)	Proposed Fees (post change)	Proposed Fee Increase	Proposed % Increase
Gas Station ^{1,2}	\$239	\$255	\$16	6%
Dry Cleaner (registered) ¹	\$259	\$259	\$0	0%
Auto Body Shop ^{1,3}	\$729	\$815	\$86	12%
Back-up Generator ^{1,3}	\$382	\$405	\$23	6%

1. Assuming facility has only one source.
2. Assuming source has one single-product gasoline nozzle.
3. Assuming source qualifies for minimum fee.

Rule Development Schedule



Budget Advisory Group (BAG) meeting #1	January 19, 2021
Public workshop	February 18, 2021
Budget Advisory Group meeting #2	March 15, 2021
Administration Committee briefing	March 17, 2021
Written workshop comments due	March 19, 2021
Board of Directors first public hearing to receive testimony	May 5, 2021
Written Public Hearing comments due	May 21, 2021
Board of Directors second public hearing to consider adoption	June 2, 2021
Proposed fee amendments effective	July 1, 2021

Feedback Requested/Prompt



None. Questions?



BAY AREA
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AGENDA: 6

Authorization to Execute Contract Amendments for Production System Office

Administration Committee Meeting
March 17, 2021

Blair L Adams
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Outcome



Status update and recommendation to approve
contract amendments



Software Development Status

- Completed and remaining modules

Key Measures

- Web Traffic and Digital Payments

Forecasts

- Schedule and Budget

Requested Action



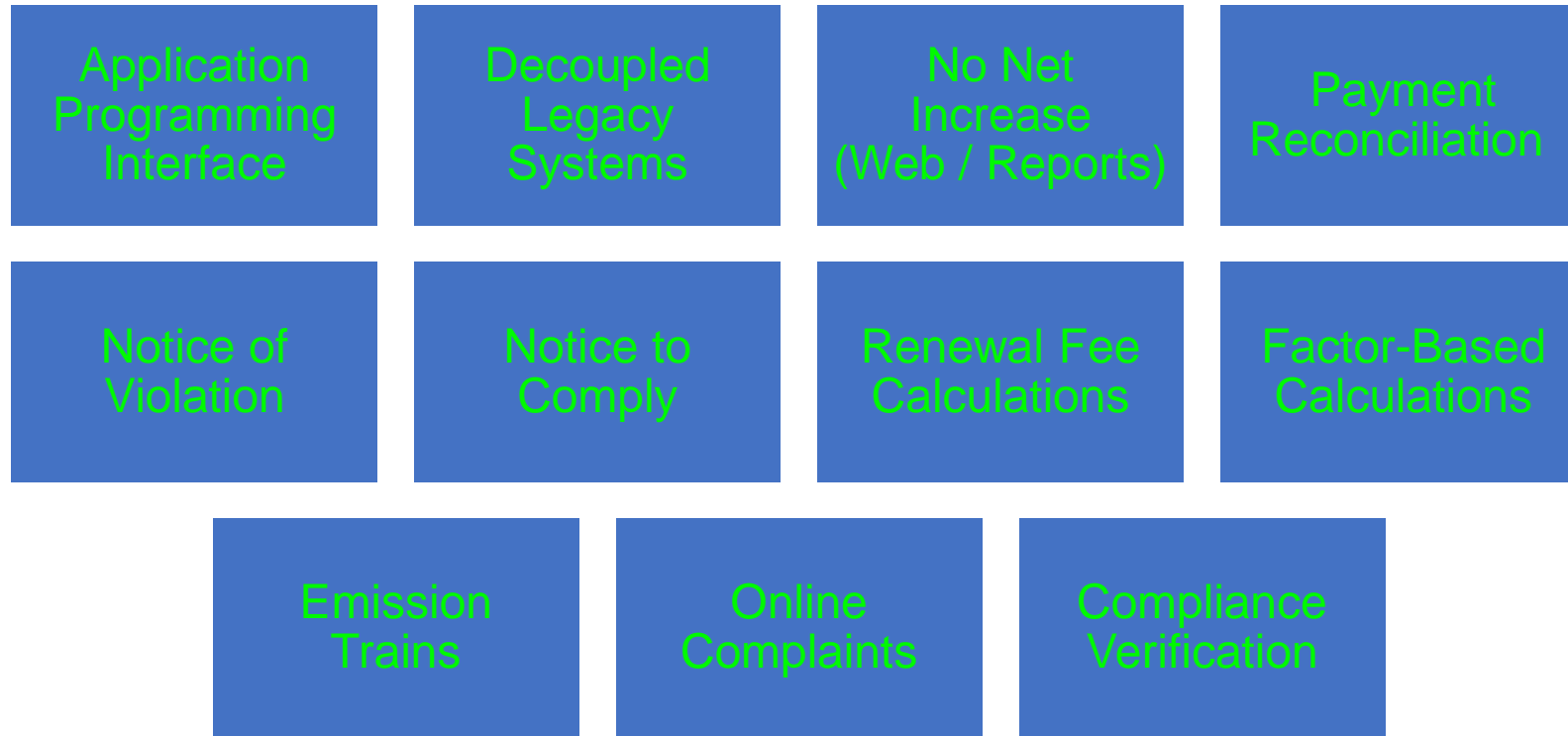
Consider recommending Board of Directors authorize the Executive Officer/APCO to execute contract amendments, in an amount not to exceed \$1,991,565.

Permitting and Compliance System: Current Features In Production



Gas Stations	Dry Cleaners	Autobody Shops	Char-broilers	Mobile Refinishing
Graphic Arts	Small Boilers	Agricultural Diesel Engines	Internal Combustion Engines	Public Complaints
Wood Smoke	Grants	Asbestos	Facility Inspections	General Investigations
	Financial Integration (Phase 2)	Stipulated Abatement Orders	Online Payments (All Facilities)	

Permitting and Compliance System: Recent Accomplishments



Remaining Permitting Features



Databank

1) Device Input Forms

2) Emissions Calculations (Factor Based)

3) Startups / Shutdowns

4) Validations

5a) Authority to Construct

5b) Source Modifications

5c) Application Fees

6) No Net Increase (Administrative Interface)

7) Emissions Calculations (Offline)

8) Application Interface Enhancements

9) Facility Manager

10) Conditions Manager

11) Toxics and Health Risk Assessments

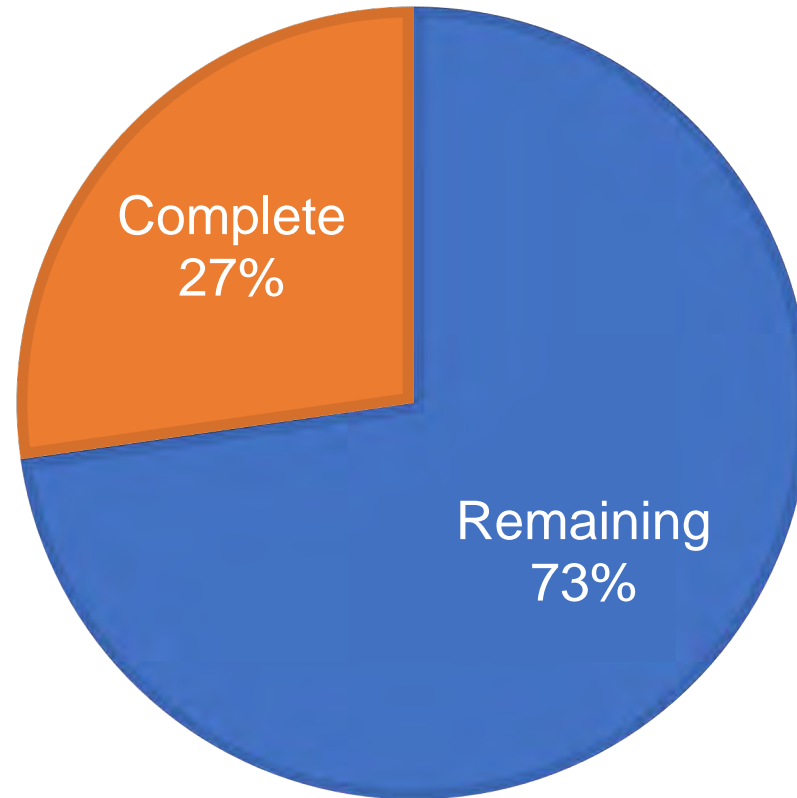
13) CEM Data

14) Application Interface (Major Facilities)

Device Input Forms



CONSTRUCTION STATUS



Permit Application Form: Device Information



← BACK TO CUSTOMER PORTAL / PERMIT APPLICATION FORM

1 GENERAL 2 DEVICES 3 ESTIMATED EMISSIONS 4 EVALUATION INFO 5 CONDITIONS & REGULATIONS 6 FEES

S5 InternalCombustionEngines

A DEVICE INFORMATION B EMISSION DATA C EMISSION TRAIN INFORMATION D DEVICE OPERATION LICENSE

INTERNAL COMBUSTION ENGINE

*All fields are required unless marked as optional.

General Device Information

Device or Operation Name Initial or Proposed Date of Operation

Device or Operation Description

Manufacturer Information

Equipment Manufacturer (Make) Equipment Model

Internal Combustion Engine Type

Select the type of Internal Combustion Engine. (Please select the primary type)

Emergency Standby Limited Use (Diesel Only) Prime

Operating Schedule

Continuous Intermittent

Max hrs/day: 24 Typical hrs/day: 0.25 Days/week: 1 Weeks/year: 50

Additional Information

EPA/CARB Engine Family Name Other EPA/CARB Engine Family Name

Serial Number (Required before Start-up date)

Year of Manufacture

Primary Use of Engine Other Primary Use of Engine

Material Usage Information



A DEVICE INFORMATION **B** MATERIAL USAGE **C** EMISSION FACTOR INFORMATION **D** TEST LOG GENERATOR SETTINGS

DEVICE MATERIAL INFORMATION

**All fields are required unless marked as optional.*

i Please choose a material for this device. **+** ADD NEW MATERIAL

Diesel fuel **MATERIAL ACTIONS**

Material Name: Diesel fuel

Maximum Annual Usage: Usage Units: Hours

Max. Fuel Use Rate: Units:

Please attach any documentation. The file needs to be under 25 MB in size.

+ UPLOAD A PHOTO OR DOCUMENT **→**

Documents	Uploaded By	Uploaded On	Document Type	Version	Action	
Emission Factors						
Pollutant Name	Use Default Values	Emission Factor	Units	Basis	Does the emission factor apply after abatement?	Actions
Diesel Engine Exhaust Particulate Matter	<input checked="" type="checkbox"/>	9.69e-2	g/usage unit	EPA/CARB Certification	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Nitrous Oxide (N2O)	<input checked="" type="checkbox"/>	4.20e-3	g/usage unit	Other Literature	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Nitrogen Oxides (NOx)	<input checked="" type="checkbox"/>	4.21e+0	g/usage unit	EPA/CARB Certification	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Sulfur Dioxide (SO2)	<input checked="" type="checkbox"/>	1.21e-5	lbs/usage unit	Material Balance	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Carbon Monoxide (CO)	<input checked="" type="checkbox"/>	4.47e-1	g/usage unit	EPA/CARB Certification	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Carbon Dioxide, non-biogenic CO2	<input checked="" type="checkbox"/>	5.07e+2	g/usage unit	Other Literature	<input type="radio"/> Yes <input checked="" type="radio"/> No	

Device Emission Train Information



← BACK TO CUSTOMER PORTAL / **PERMIT APPLICATION FORM**

1 GENERAL 2 DEVICES 3 ESTIMATED EMISSIONS 4 EVALUATION INFO 5 CONDITIONS & REGULATIONS 6 FEES

S5 test InternalCombustionEngine

A DEVICE INFORMATION B MATERIAL USAGE C EMISSION TRAIN INFORMATION D DEVICE OR OPERATION LOCATION

DEVICE EMISSION TRAIN

EMISSIONS TRAINS UPSTREAM OR DOWNSTREAM

Is this device connected to any additional equipment?
 Yes No

Upstream Equipment → Emissions → **THIS DEVICE** → Emissions → **Downstream Equipment**

Upstream Equipment Add any new or existing equipment DIRECTLY upstream of this device to the UPSTREAM EQUIPMENT list.

Downstream Equipment Add any new or existing equipment DIRECTLY downstream of this device to the DOWNSTREAM EQUIPMENT list.

EMISSION TRAIN UPSTREAM EQUIPMENT

Device No.	Device Name	Device Type	Actions
No Records Found			

+ ADD EXISTING EQUIPMENT

EMISSION TRAIN DOWNSTREAM EQUIPMENT

Device No.	Device Name	Device Type	Actions
No Records Found			

← PREVIOUS

NEXT →

Device Operation Location



BAAQMD PERMIT APPLICATION 1272 BORREGAS OWNERS, LLC #23258 #636816

← BACK TO CUSTOMER PORTAL / **PERMIT APPLICATION FORM**


1 GENERAL 2 **DEVICES** 3 ESTIMATED EMISSIONS 4 EVALUATION INFO 5 CONDITIONS & REGULATIONS 6 FEES

S5 test InternalCombustionEngine

A DEVICE INFORMATION B MATERIAL USAGE C EMISSION TRAIN INFORMATION **D DEVICE OR OPERATION LOCATION**

DEVICE LOCATION

Click on the device marker and drag it to the location on your parcel where the device will be located. Repeat for multiple devices. If you can't see your device, use the zoom controls to expand out to a wider view. Then drag your device to the location on your parcel.



← PREVIOUS SAVE DEVICE

Remaining Compliance Features

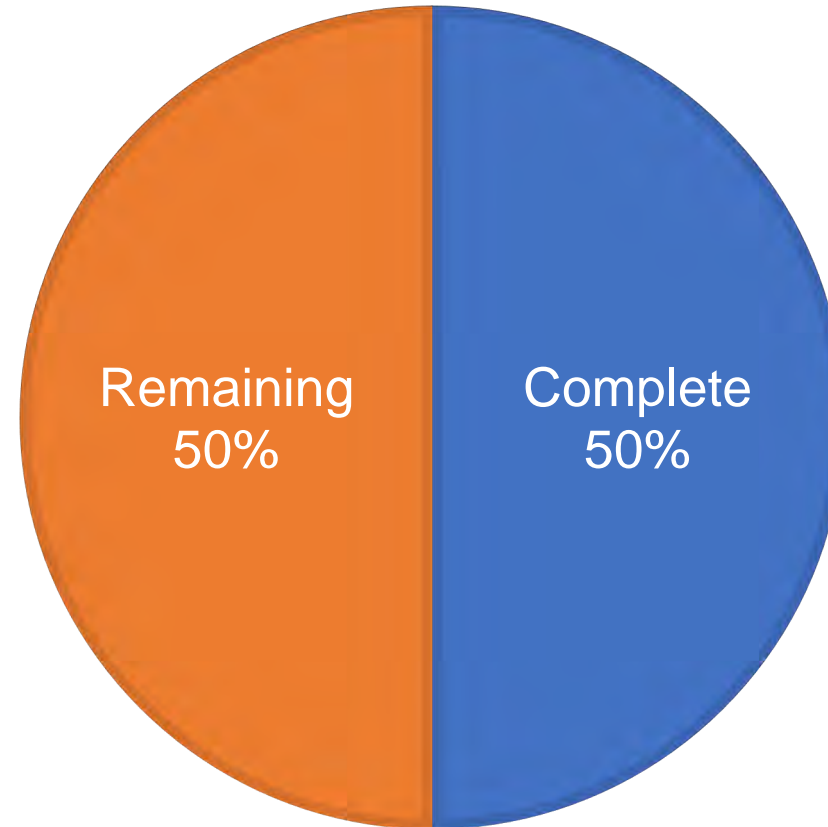


Ingres Relational Information System (IRIS)

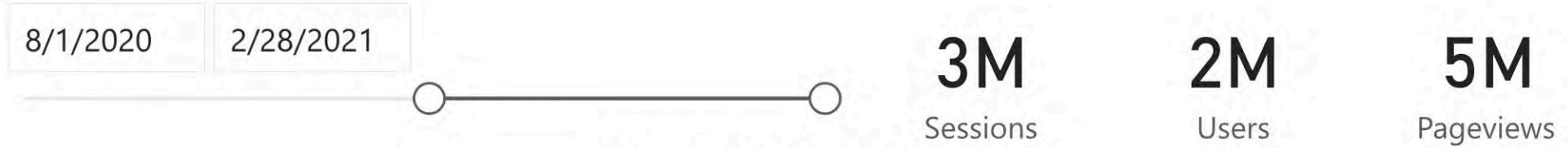
Reports (IRIS)*	Invoice Automation	JDE Integration	Permit Automation
Radio Telephone Operators (Dispatch)	Area Assignment	Mutual Settlement	Reportable Compliance Activities (Episodes)
Permit Applications	Transfer of Ownership	Hearing Board	Complaint Investigation



CONSTRUCTION STATUS

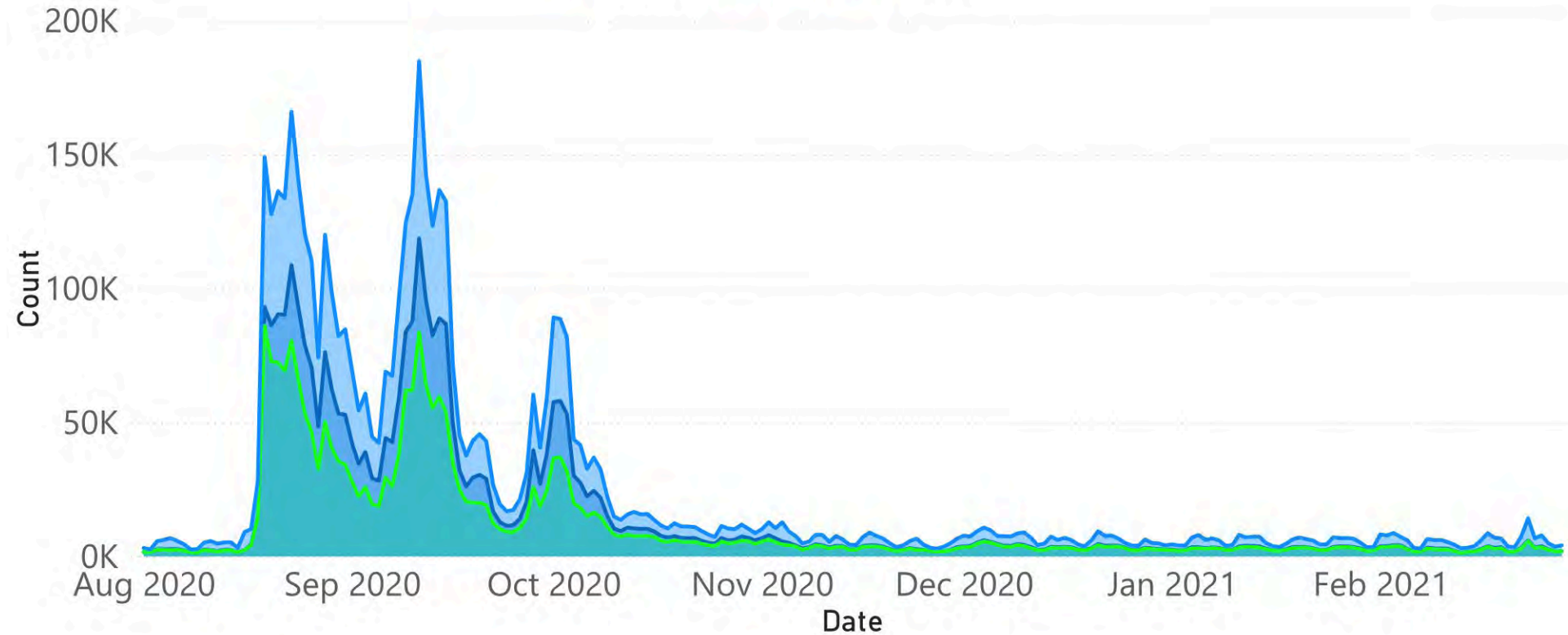


Web Traffic



District Website Usage

● Sessions ● Users ● Page Views

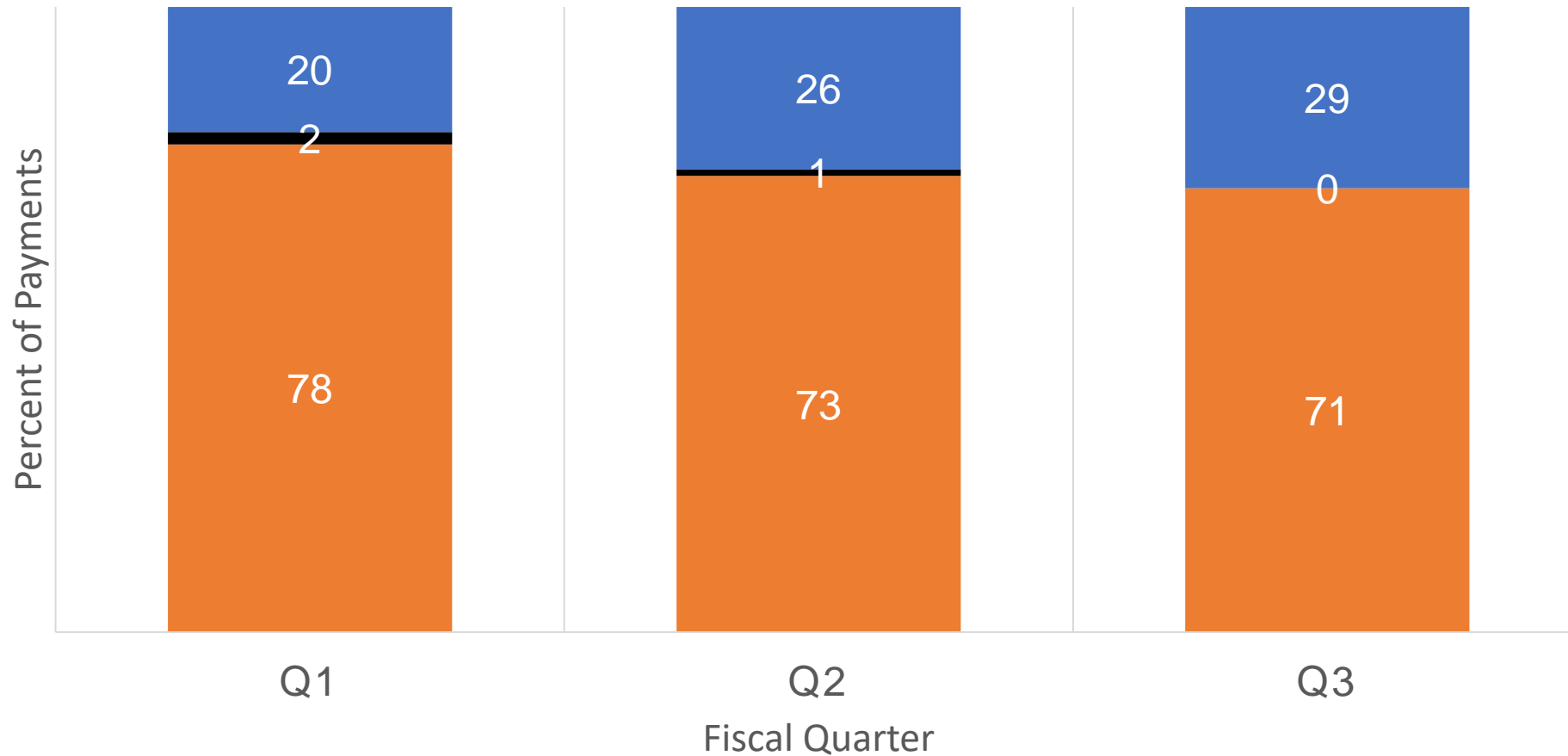


Online Payment Adoption



FISCAL YEAR END 2020

Check Fax Online

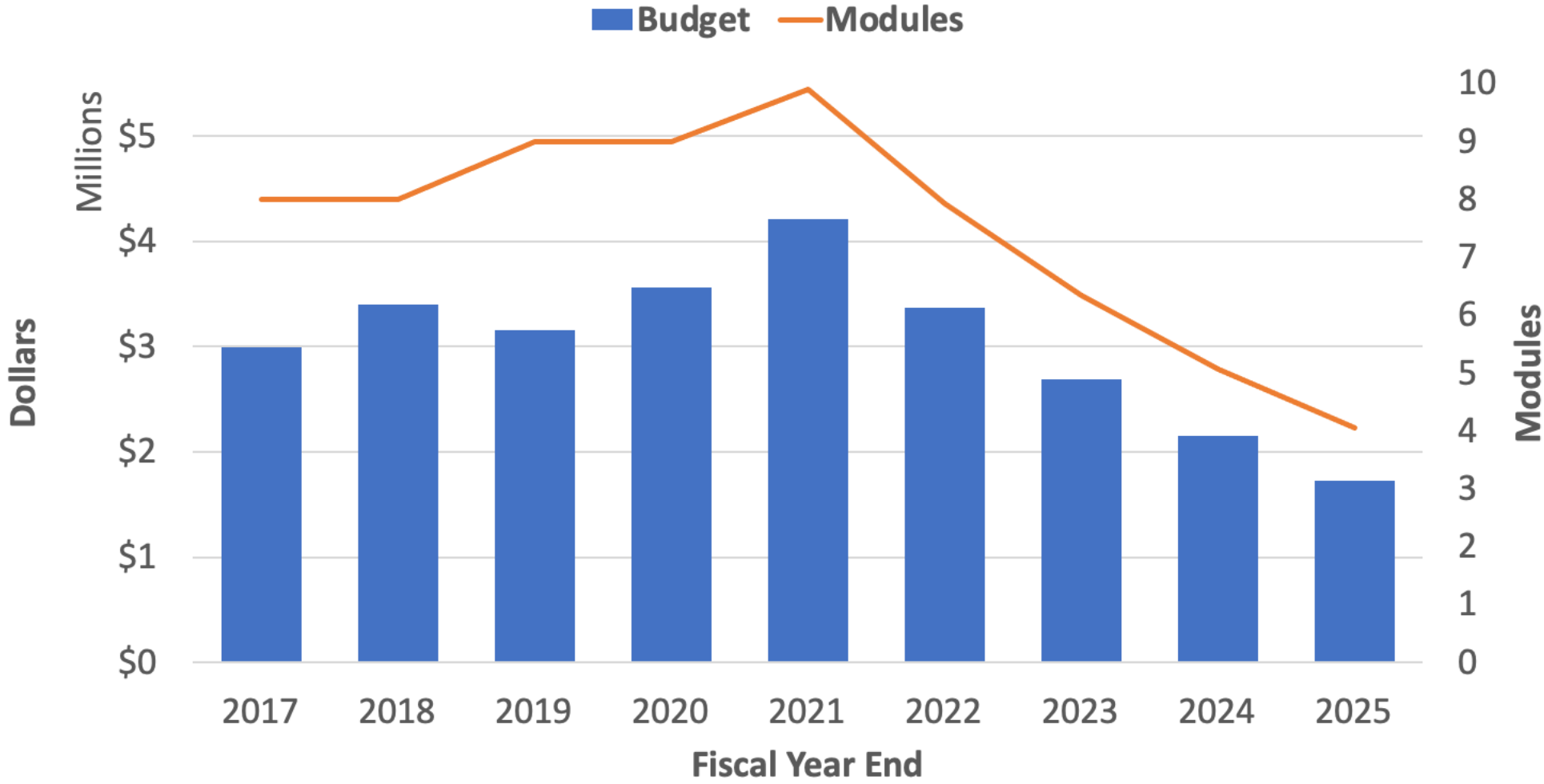


Legacy Transition Roadmap Summary



Description	2020	2021	2022	2023
General and specific factor based emission calculations				
Semi cutover all facilities				
Complex facility user interface				
Retirement party for legacy systems				

Budget: Past Actuals and Future Estimated



Feedback Requested/Prompt



Consider recommending Board of Directors authorize the Executive Officer/APCO to execute contract amendments, in an amount not to exceed \$1,991,565.



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

AGENDA: 7

Flex Your Commute

**Administration Committee Meeting
March 17, 2021**

**Lisa Fasano
External Affairs Officer
lfasano@baaqmd.gov**

Outcome



Support for New Commute-Focused Program and Logo

Outline



- Umbrella program
- Proposed program name and logo
- Bay Area commute-focused organizations/programs
- Proposed budget
- Feedback and questions

Requested Action



Greenlight to develop new commute-focused program

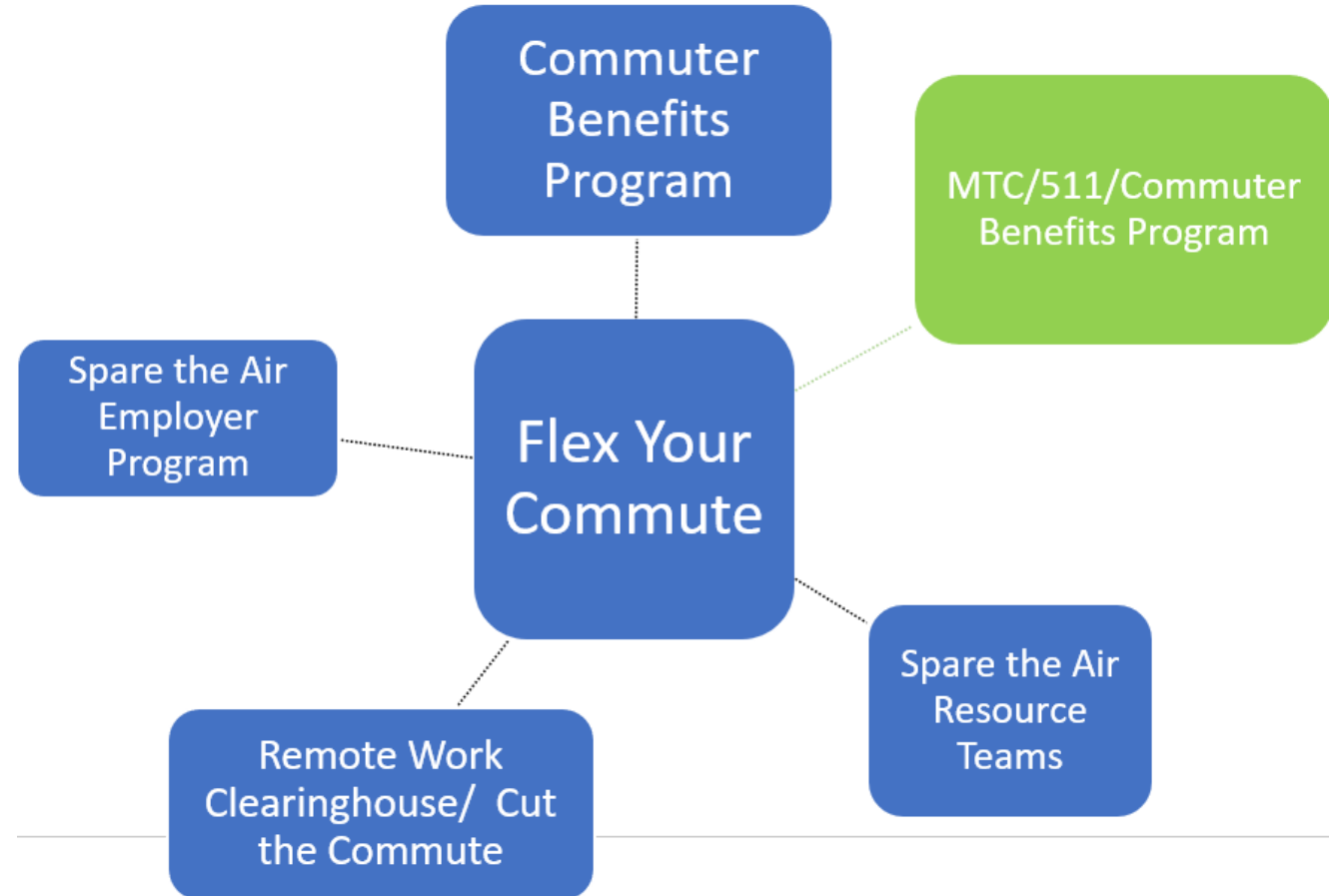


Presentation plan for Executive Team, Metropolitan Transportation Commission (MTC), and Board of Directors

Umbrella Program



- Hub and spoke organization
 - Commuter Benefits Program
 - Remote Work Clearing House/Cut the Commute
 - One stop for commute planning/support/resources
 - Employer Programs and Resource Teams



Umbrella Program (cont.)



Flex Your Commute *A better way to work*

- **Flexibility** key program highlight
- Speaks directly to **YOU**
- **Commute** is sole focus
- Flex Your Commute – one-stop shop for commute programs



Flex Your Commute



Triangular top conveys rooftop for home or work

Pathways provide outline



**FLEX YOUR
COMMUTE**
A BETTER WAY TO WORK

Colors convey flexibility:

Green bike path, Purple carpool, Blue home, Yellow sun

Flex Your Commute (cont.)



**FLEX YOUR
COMMUTE**
A BETTER WAY TO WORK

- Compliments current programs
- Budget commitment launch/strong promotion
- Elevate strong partnerships:
 - Silicon Valley Leadership Group, Bay Area Council, employer organizations

Bay Area Commutes



- Employers are key to shaping employee commutes
- 511/MTC
- Transit Agencies
- Employer Programs



Budget



- Budget considerations
 - Transportation Fund for Clean Air
 - Congestion Mitigation and Air Quality Improvement
 - General funding
 - MTC – shared funding



Next Steps



- Roll out Internal/External
- Marketing Plan

Feedback Requested/Prompt



None. Questions?