



El Dorado County

Air Quality Management District

Operations Overview and FY2022/23 Proposed Budget

AQMD works to improve air quality and quality of life
for El Dorado County residents

County Air Pollution Control District Budgeting

Dictated by California Health and Safety
Code – Sections 40130 & 40131

- Requires air districts to adopt their budgets in an open process, separate from other County budget processes, to ensure opportunity for the public to participate and comment on its budget prior to adoption.
- Requires that air district proposed budgets be made available to the public 30 days before the public hearing.
- Requires that air districts notify all current permit holders of the date/time/location of the public hearing and about the availability of the proposed budgets. Notifications were mailed to all EDC permittees.
- Requires that the public hearings are held at least 2 weeks before the meeting at which air district budgets are adopted.



Regulatory Program Implementation

Ensures compliance with emissions
control requirements

- Stationary Sources
- Portable Equipment
- Construction Site Dust
- Residential Burning
- Prescribed Burning

Incentivizing Emission Reductions from Area and Mobile Sources

- Woodstove Replacement Incentive (Chimney Smoke RIP)
- Electric / Plug-in Hybrid Vehicle Incentive (Drive Clean!)
- Electric Vehicle Charging Infrastructure
- Electric Lawnmower Incentive (CLIP)
- School Buses, Heavy Duty Trucks and Construction/Agricultural Equipment
- Motor Vehicle Emission Reduction Projects



Federal or State Grant	Projects Funded	FY22/23 Budget
EPA – Targeted Airshed Grant	Wood Stoves (west El Dorado & Placer) and Roadway Paving in El Dorado County	\$431,780
DMV:AB923	School Buses, eligible engine/vehicle replacement, EV charging stations	\$2,129,259
DMV:AB2766	Shuttles, Charging Stations, EVs, PHEVs, Vehicle Emission Projects	\$1,383,618
ARB: Carl Moyer Program	Diesel engines, eligible school and transit buses, lawn mowers	\$1,629,618
ARB: FARMER	Agricultural off road equipment	\$270,000
ARB: Subvention	Wood Stoves (standard \$ - east EDC) & portion of Clean Lawnmower incentive	\$87,980
ARB: AB617 CAP Incentives	Wood Stoves (low income - east EDC)	\$40,000
ARB: Cap & Trade Proceeds	Wood Stoves – Remainder of Round 2 of State Funding	\$21,458
ARB:AB617 Implementation	Community Air Monitoring	\$14,169
ARB:ABI97	District Emission Inventory	\$10,000

Grant Revenue

FY 2022/23 Budgeted use of new grant funds and carryover grant fund balance.

Challenge	Action	Emission Reduction Progress
Wildfire Smoke	Prescribed burn acres: 2017: 15,171 requested – 6,169 burned 2018: 9,122 requested – 4,630 burned 2019: 9,712 requested – 4,797 burned 2020: 6,044 requested – 3,935 burned 2021: 1,494 requested – 1,400 burned	Prescribed PM: 1,564 tons/acre Wildfire PM: 3,129 tons/acre
Residential Burning Smoke	Implemented burn violators training course, patrol, and 24/7 complaint response	Reduced illegal materials burning and burning on unfavorable days
Wood Stove Smoke	To date 1,486 old uncertified wood stoves have been replaced with cleaner appliances	PM: 61.2 tons/year NOx: 1.6 tons/year CO: 221.4 tons/year GHG: 6493 tons/year
Asbestos and Fugitive Dust	2021: 593 dust plans were processed and approved. Inspections, sampling, and patrol	TSP: 1.2 tons/acre/month
Heavy Duty Diesel Vehicles	To date, 216 diesel vehicles and equipment replaced with cleaner burning engines.	PM: 10 tons/year NOx: 84 tons/year

Challenge	Action	Emission Reduction Progress
School Buses and other Heavy Duty Vehicles	68 Buses Replaced/Retrofitted Ag Equipment (tractors, lifts, etc) Replaced	PM: 0.12 tons/year NOx: 3.57 tons/year
Drive Clean! Light duty vehicles ICE to EV	489 Electric Vehicles 170 Plug-in Hybrid Electric Vehicles 2 Hydrogen Fuel Cell Vehicles <i>22 EV & PHEV for County Fleet</i>	PM: <1 ton/year NOx: 14 tons/year CO: 183 tons/year GHG: 7,590 tons/year <i>18.4M emission-free miles since start of program!</i>
EVSE – Electric Vehicle Supply Equipment	8 EVSE in El Dorado County in 2013 ~200 EVSE in El Dorado County in 2022 <i>89 funded by AQMD</i>	Indirect emission reduction
Projects for Motor Vehicle Emission Reduction	Shuttles, Vehicle Replacement, Transit Fares, Sidewalks, Bike Paths, Video Conferencing, Public Education, etc...	Varies by project
Clean Lawnmower Incentive Program (CLIP)	785 gas mowers traded in for cordless zero emission electric lawnmowers since the incentive program started in April 2018	PM: <1 tons/year NOx: <1 tons/year

Summary – FY2022/23 Proposed Budget

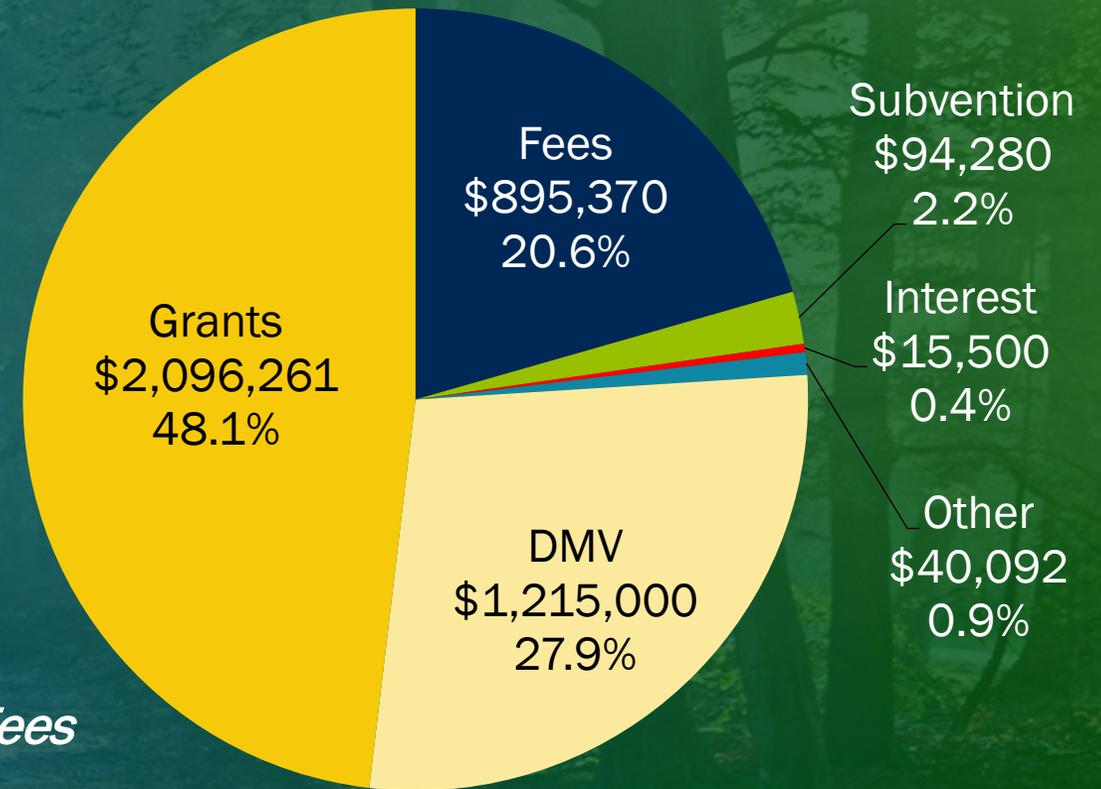
Total Revenue Budget - \$9.02M

- Use of fund balance - \$4.66M

- New Revenue - \$4.36M

- *Grants And State Programs*
- *DMV Vehicle Registration*
- *Operating Permit and Dust Mitigation Plan Fees*
- *Subvention Funding*
- *Other Misc Revenue & Penalties*
- *Interest Earned*

New Revenue Breakdown

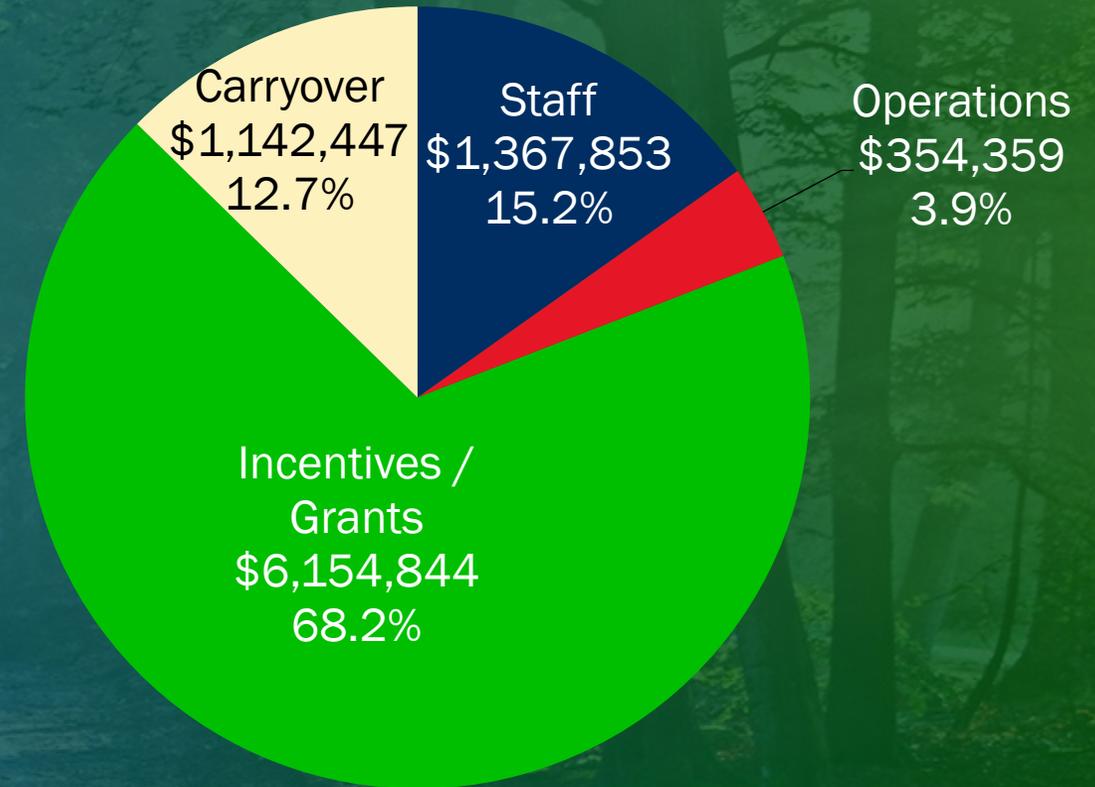


Summary – FY2022/23 Proposed Budget

Total Expenditure Budget - \$9.02M

- *9.0 FTE Salary & Benefits*
- *Other Operations Costs*
- *Incentive/Grant Programs*
- *Appropriation for Contingencies
(Carryover into future fiscal years)*

Expenditure Breakdown



THANK YOU!

District Phone

(530) 621-7501

Website

edcgov.us/AirQualityManagement/



EDCCleanAir.org