



**El Dorado County
Air Quality Management District**

**Operations Overview and
2020/2021 Proposed Budget**

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

Regulatory Program Implementation to Ensure Compliance with Emissions Control Requirements

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



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Incentivizing Emission Reductions from Area and Mobile Sources

- Woodstoves
- School Buses, Trucks and Equipment
- Motor Vehicle Emission Reduction Projects
- Electric Vehicle Incentive
- Electric Vehicle Charging Infrastructure
- Lawn Mowers
- Particulate Matter Sensors
- Voluntary Vehicle Scrappage Program



Grants	Projects	20/21 Appropriation
AB 617	Air sensors at schools and other	\$13,029
AB 923	School Buses, eligible engine/vehicle replacement, charging stations	\$1,071,731
AB 2766	Shuttles, Charging Stations, EVs, PHEVs	\$921,386
SB 1260/SB 690	Prescribed Fire	\$24,514
ARB: Subvention	Wood Stoves	\$96,146
ARB: Cap & Trade Proceeds <ul style="list-style-type: none"> • El Dorado • Placer • Amador 	Wood Stoves – Round 2 of State Funding (first round funded 161 stove replacements in El Dorado County)	\$250,000
ARB: Moyer	Diesel engines, eligible school buses, lawn mowers, voluntary vehicle scrappage program	\$929,000
ARB: FARMER	Logging and off road equipment	\$270,000

Challenges	Actions	Emission Reduction Progress
Wildfire Smoke	Prescribed Burn Acres 2016: 10,680 requested, 5,359 burned 2017: 15,659 requested, 6,659 burned 2018: 9,684 requested, 4,597 burned 2019: 9,434 requested, 3,967 burned	Prescribed PM 1,564 tons/acre Wildfire PM 3,129 ton/acre
Residential Burning Smoke	Implemented burn violators training course, patrol and 24/7 compliant response	Reduced illegal materials burning and burning on unfavorable days.
Wood Stove Smoke	To date 1,245 old uncertified wood stoves have been replaced with cleaner appliances. (146 have been enhanced incentives for low income households and low income communities in El Dorado County using state funding)	PM 49 tons/year NOx 1 ton/year CO 170 tons/year GHG 5,114 tons/year
Asbestos and Fugitive Dust	2019: 473 plans processed and approved. Inspections, Sampling and Patrol.	TSP 1.2 tons/acre/month during construction.
Diesel Engines	To date 213 diesel vehicles and equipment replaced with cleaner burning engines.	PM 10 tons/year NOx 84 tons/year



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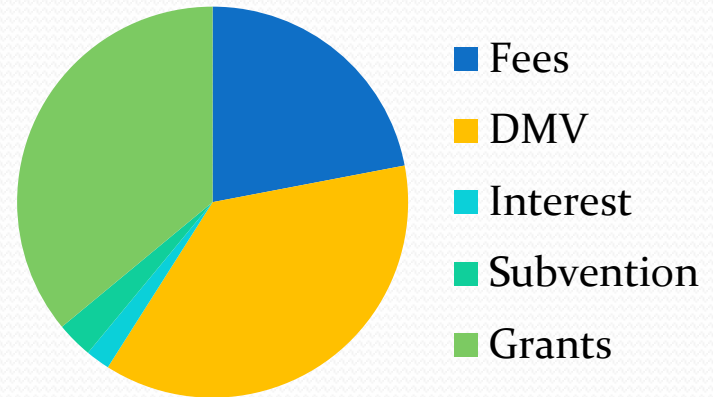
Challenges	Actions	Emission Reduction Progress
School Buses	66 Buses Replaced/Retrofit 2 E Bus	PM 0.12 tons/year NOx 3.23 tons/year
Light Duty Vehicles ICE to EV	317 EVs 140 PHEVs 2 HFC 19 EV & PHEV for County Fleet	PM <1 ton/year NOx 2.3 tons/year CO 29 tons/year GHG 1211 tons/year <i>Over 9M emission-free miles since start of Drive Clean! incentive!</i>
Public EVSE	8 EVSE 2013 153 EVSE 2020 (68 funded by AQMD)	Indirect
Lawn Mower Emissions (CLIP)	Program initiated 4/2/18. 414 replacements as of May 2020	PM <1 ton/year NOx <1 ton/year
MVER Project Grants	Shuttles, Vehicle Replacements, Transit Fares, Sidewalks, Bike Paths, Video Conferencing, Public Education...	Varies



FY2020/2021 Proposed Budget

- Total \$6.14M
 - Fund Balance \$2.88M, Revenue \$3.26M
- Net County Cost remains \$0
- Revenue:
 - Fees - 22%
 - Vehicle Registration - 37%
 - Grants and State Programs – 36%
 - Subvention – 3%
 - Interest Earned - 2%
- Expenditures:
 - 9 FTE - 21%
 - Incentive/Grant Programs - 66%
 - Operations and Parking Lot Allocation 13%

Revenue



Expenditures

