

Actions by the Governing Board – August 19, 2021

District Governing Board Accepts Additional \$5.5 Million In Federal Funding To Replace Valley Agricultural Tractors And Heavy- Duty Diesel Trucks

The Valley Air District Governing Board accepted \$5,579,036 in additional revenue from the United States Environmental Protection Agency (US EPA) under the highly competitive Federal Diesel Emission Reduction Act (DERA) Clean Diesel Funding Assistance Program. The funds will go toward the District's heavy-duty trucks replacement program to replace diesel trucks with ultra-low NOx natural gas trucks and the existing agricultural tractor replacement program that focuses on replacing uncontrolled, Tier 1 and Tier 2 diesel engines with new agricultural tractors that have Tier 4 diesel engines in the San Joaquin Valley.

District Governing Board Accepts \$178 Million In State Funding For The Alternatives To Agricultural Open Burning Incentive Program

The Valley Air District Governing Board unanimously accepted \$178.2 million in new State funding directed to the San Joaquin Valley to launch an expanded grant program to assist farmers in phasing-out the open burning of woody waste through the use of new cleaner practices, including the chipping of material for incorporation into the soil and other cleaner alternatives. The funding will be used to fund the District's Alternatives to Agricultural Open Burning Grant program on an expanded scale throughout the Valley. Originally launched by the District in 2018 as a pilot program, the Alternatives to Agricultural Open Burning Grant program provides financial incentives to agricultural operations to chip woody materials as an alternative to burning and helps to continue to improve air quality in the Valley.

With this new funding, the Alternatives to Agricultural Open Burning Grant program will be enhanced to provide additional funding for small agricultural operations of less than 100 total acres; expand funding options for vineyard removals; expand options for chipped material disposal through beneficial reuse alternatives such as mulch or compost; and provide an option to fund the purchase of new chipping equipment to be used within the Valley, amongst other program enhancements.

The District anticipates the new program to launch in early September 2021 and encourages interested agricultural operators in the San Joaquin Valley to learn more about this funding and other available grants by visiting www.valleyair.org/grants or by calling program staff at 559-230-5800.

Adopt Proposed Amendments To Rule 4702 (Internal Combustion Engines)

On August 19, 2021 the District Governing Board adopted amendments to District Rule 4702 (Internal Combustion Engines). Internal combustion engines are used in a variety of different Valley operations including schools, agriculture, oil and gas production, petroleum refining, and electrical power generation. Adopted rule amendments lower emission limits for NOx and VOCs for several categories of engines, establish PM requirements for all categories of IC engines affected by the rule, and establish SOx control requirements for agricultural engines. Compliance with these lower emission limits is required by 2024. Additionally, the option of paying an annual fee in lieu of complying with a NOx emissions limit would sunset by December 31, 2023. The adoption of these regulatory amendments satisfy the District's control measure commitment in the District's 2018 PM2.5 Plan as well as Best Available Retrofit Control Technology (BARCT) requirements under AB 617. NOx and VOC emission reductions achieved through the implementation of these requirements will contribute towards the Valley's attainment of the health-based federal PM2.5 and ozone standards.

Adopt Proposed Attainment Plan Revision For The 1997 annual PM2.5 Standard

The Valley Air District's Governing Board approved the Attainment Plan Revision for the 1997 Annual PM2.5 Standard to establish a new attainment target date for the 1997 annual PM2.5 standard. The Valley would have met this standard by the projected attainment target of 2020, but for significant wildfire impacts, as well as data collection issues at the Valley's peak air monitoring site (operated by CARB) in Bakersfield during the 2018-2020 period. Based on the continued implementation of the existing control strategy adopted in the 2018 PM2.5 Plan, District and CARB modeling has shown that the Valley will demonstrate attainment of the 1997 annual PM2.5 standard by the new attainment date of 2023, if not earlier.

June District Activities

Outreach and Communications

- District staff promoted incentives available for a variety of zero-emission yard care tools and shared the knowledge that gas-powered lawn mowers produce higher levels of pollution than a car. Recent reports from the EPA indicate because the mowers are not equipped with the same emission controls used in motor vehicles, operating a gas mower for one hour produces the equivalent pollution of driving 12 late-model cars for the same amount of time. Staff encouraged residents to take advantage of the rebates offered through the District's Clean Green Yard Machines valleyair.org/cgym.
- In June, District staff responded to 7 media calls, 20 public calls, and 20 emails, and attended three event/presentations.

Grants and Incentive Programs

- In June, the District received 1,301 incentive program applications. 163 were for the Burn Cleaner Wood Stove Change-Out Program and 242 were for the Heavy Duty Engine Program.
- In June, \$14,942,036.43 was placed under contract in the Heavy Duty Engine Program and \$15,172,578.46 in claims was paid.
- In June, \$2,004,003.72 was paid out in Light Duty and REMOVE II program claims.
- In June, \$545,036.28 paid out in Burn Cleaner program claims.

	June 2021	Applications	Grants Offered		Grants Executed		Amount Paid
Key	Program	Number Received & Entered	Number of Contracts Sent Out	Sum of Grant Funding	Number of Contracts Executed	Sum of Grant Funding	Sum of Grant Funding
Burn Cleaner	Burn Cleaner – Wood Stove Change Out	163	163	\$421,500.00	163	\$421,500.00	\$545,036.28
CAP & Trade	Demonstration – Cargo Handling	0	0	\$0.00	0	\$0.00	\$3,028,750.23
	Demonstration – New Electric Vehicle	0	0	\$0.00	0	\$0.00	\$16,962.00
Heavy Duty	Ag Burn Alternative Voucher	54	37	\$924,180.00	37	\$924,180.00	\$892,230.00
	Ag Engine Diesel to Diesel	0	0	\$0.00	0	\$0.00	\$36,380.00
	Ag Engine Diesel to Electric	1	1	\$18,000.00	1	\$18,000.00	\$19,500.00

	Ag-UTV Vehicle Replacement	1	17	\$229,500.00	17	\$229,500.00	\$866,404.75
	Dairy Feed Mixer Electrification	2	2	\$2,202,627.75	1	\$911,368.79	\$1,804,522.14
	Infrastructure Alternative Fuel	0	1	\$596,006.20	1	\$596,006.20	\$0.00
	Locomotive Replacement	0	0	\$0.00	2	\$5,334,441.90	\$0.00
	Off-Road Ag Vehicle Replacement	162	112	\$5,660,592.96	122	\$6,492,118.11	\$8,530,573.37
	Off-Road Low-Dust Harvester Replacement	3	13	\$1,103,204.57	10	\$747,234.17	\$0.00
	Off-Road Tractor Trade-Up	0	12	\$865,618.53	12	\$865,618.53	\$336,663.39
	On-Road Ag Truck Replacement	0	0	\$0.00	0	\$0.00	\$642,566.54
	On-Road New Purchase	0	34	\$680,000.00	4	\$80,000.00	\$400,000.00
	On-Road Trade-Up	9	4	\$200,000.00	0	\$0.00	\$0.00
	On-Road Truck Replacement	6	31	\$2,177,252.64	10	\$897,863.75	\$1,601,738.27
	On-Road Prop 1B Vehicle Replacement	1	0	\$0.00	0	\$0.00	\$0.00
	On-Road TVP Vehicle Replacement	0	0	\$0.00	0	\$0.00	\$42,000.00
	School Bus Vehicle Replacement	1	0	\$0.00	0	\$0.00	\$0.00
	Yard Truck Replacement	2	2	\$285,053.78	2	\$285,053.78	\$0.00
	Lawn & Garden	Commercial Replacement	1	0	\$0.00	0	\$0.00
Residential New Purchase		148	88	\$4,150.00	88	\$4,150.00	\$4,799.00
Residential Replacement		124	147	\$35,726.05	147	\$35,726.05	\$37,526.05
Light Duty	Charge Up - Private	0	1	\$10,000.00	1	\$10,000.00	\$50,000.00
	Charge Up - Public	6	4	\$144,000.00	4	\$144,000.00	\$0.00
	Drive Clean – EV Vehicle Rebate	353	401	\$1,104,000.00	401	\$1,104,000.00	\$897,000.00
	EFMP Charger – Residential	1	0	\$0.00	0	\$0.00	\$0.00
	EFMP Replacement	44	22	\$196,500.00	22	\$196,500.00	\$221,500.00
	TITU Admin/Events	4	5	\$20,352.22	5	\$20,352.22	\$37,804.65

	TITU Payroll	4	6	\$118,223.11	6	\$118,223.11	\$118,223.11
	TITU Repairs	168	144	\$548,682.81	144	\$548,682.81	\$668,075.96
	Van Pool Agency CFP	9	12	\$28,440.00	12	\$28,440.00	\$11,400.00
Public Benefit	Public Benefit - Advance Transit & Transportation Strategy	0	0	\$0.00	0	\$0.00	\$201,089.00
	Alternative Fuel New Vehicle	28	48	\$808,523.35	15	\$277,815.67	\$502,066.11
	Community Improvement - Vehicle Use Reduction	0	0	\$0.00	0	\$0.00	\$189,537.00
VW NOx Mitigation	Replacement Transit Bus	5	0	\$0.00	3	\$540,000.00	\$0.00
Totals		1,301	1,308	\$18,432,133.97	1,231	\$20,880,775.09	\$21,724,647.58

Reductions from Executed Contracts (tons)			
NOx	PM	ROG	Total
803	252	226	1,281

Smoking Vehicles	8
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Operations Overview

- Completed 4,007 inspections in June, and 144 NOVs were issued. Mutual settlement case completions totaled 256.
- Received 185 permit applications in June, and 132 permits were issued.
- Received 8 smoking vehicle reports in June.
- Received 190 environmental documents in June.

July District Activities

Outreach and Communications

- District staff promoted the rebate incentive program Drive Clean in the San Joaquin. Encouraging San Joaquin Valley residents to make the transition to an electric vehicle. By purchasing or leasing a new battery electric vehicle, residents may receive a \$3,000 rebate, or \$2,000 for a new plug-in hybrid. For more information Valley residents should visit valleyair.org/drivecleaninthesanjoaquin/rebate.
- District staff urged Valley residents to remain indoors during wildfire impacts, in an air-conditioned, filtered environment, and provided resources on protecting oneself during wildfires including providing step by step instructions on how to build a DIY air purifier. www.valleyair.org/wildfires.
- In July, District staff responded to 22 media calls, 14 public calls, and 15 emails, and attended one event/presentation.

Grants and Incentive Programs

- In July, the District received 1,359 incentive program applications. 195 were for the Burn Cleaner Wood Stove Change-Out Program and 321 were for the Heavy Duty Engine Program.

- In July, \$10,097,118.37 was placed under contract in the Heavy Duty Engine Program and \$5,588,425.75 in claims was paid.
- In July, \$1,781,048.63 was paid out in Light Duty and REMOVE II program claims.
- In July, \$370,775.00 paid out in Burn Cleaner program claims.

	July 2021	Applications	Grants Offered		Grants Executed		Amount Paid
Key	Program	Number Received & Entered	Number of Contracts Sent Out	Sum of Grant Funding	Number of Contracts Executed	Sum of Grant Funding	Sum of Grant Funding
Burn Cleaner	Burn Cleaner – Wood Stove Change Out	195	158	\$371,000.00	158	\$371,000.00	\$370,775.00
Heavy Duty	Ag Burn Alternative Voucher	74	48	\$1,137,612.00	48	\$1,137,612.00	\$395,280.00
	Ag-UTV Vehicle Replacement	1	4	\$54,000.00	4	\$54,000.00	\$158,493.96
	Dairy Feed Mixer Electrification	0	0	\$0.00	2	\$2,202,627.75	\$0.00
	Off-Road Ag Vehicle Replacement	121	129	\$6,101,510.68	123	\$6,149,564.45	\$4,646,783.84
	Off-Road Low-Dust Harvester Replacement	2	28	\$2,279,310.74	22	\$1,707,434.43	\$138,759.60
	Off-Road Non-Ag Vehicle Replacement	0	2	\$358,991.23	2	\$358,991.23	\$0.00
	Off-Road Tractor Trade-Up	0	4	\$150,693.72	4	\$150,693.72	\$249,108.35
	On-Road New Purchase	110	0	\$0.00	0	\$0.00	\$0.00
	On-Road Trade-Up	0	0	\$0.00	4	\$200,000.00	\$0.00
	On-Road Truck Replacement	3	0	\$0.00	17	\$1,006,949.73	\$0.00
	On-Road VIP Vehicle Replacement	3	1	\$15,000.00	1	\$15,000.00	\$0.00
	Yard Truck Replacement	7	0	\$0.00	0	\$0.00	\$0.00
Lawn & Garden	Commercial Replacement	2	0	\$0.00	0	\$0.00	\$6,795.16
	Residential New Purchase	97	90	\$4,249.50	90	\$4,249.50	\$1,624.50
	Residential Replacement	133	72	\$16,618.19	72	\$16,618.19	\$6,519.19
Light Duty	Charge Up – Private	2	1	\$12,000.00	1	\$12,000.00	\$5,043.60
	Charge Up - Public	1	4	\$116,000.00	4	\$116,000.00	\$0.00
	Drive Clean – EV Vehicle Rebate	410	282	\$807,000.00	282	\$807,000.00	\$954,000.00
	EFMP Charger – Residential	25	0	\$0.00	0	\$0.00	\$0.00

	EFMP Replacement	16	42	\$377,000.00	42	\$377,000.00	\$300,000.00
	TITU Admin/Events	3	3	\$18,169.26	3	\$18,169.26	\$21,890.51
	TITU Payroll	4	3	\$29,458.71	3	\$29,458.71	\$29,458.71
	TITU Repairs	127	101	\$538,290.93	101	\$538,290.93	\$446,085.81
	Van Pool Agency CFP	3	3	\$8,010.00	3	\$8,010.00	\$24,570.00
Public Benefit	Alternative Fuel New Vehicle	19	0	\$0.00	32	\$558,523.35	\$411,397.10
VW NOx Mitigation	Replacement Shuttle Bus	1	0	\$0.00	0	\$0.00	\$0.00
	Totals	1,359	975	\$12,394,914.96	1,018	\$15,839,193.25	\$8,166,585.33

Reductions from Executed Contracts (tons)			
NOx	PM	ROG	Total
680	319	266	1,265

Smoking Vehicles	6
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Operations Overview

- Completed 3,805 inspections in July, and 168 NOVs were issued. Mutual settlement case completions totaled 181.
- Received 154 permit applications in July, and 157 permits were issued.
- Received 175 environmental documents in July.

Upcoming Meetings

Governing Board*
9:00 AM, Sept. 16

Citizens Advisory Committee*
10:00 AM, Oct. 5

Environmental Justice Advisory Group
5:30 PM, Oct. 28

Meetings are held in the Fresno office Governing Board Room, Modesto VTC room and Bakersfield VTC room.

Details: www.valleyair.org

*Webcast