

Actions by the Governing Board – March 19, 2020

District Governing Board Accepts Additional \$1.2 Million in Federal Funding to Replace Valley Agricultural Equipment

The Governing Board accepted \$1,241,450 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 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. With these additional funds, the total for the District's current agricultural tractor replacement proposal under the DERA program is now \$3,591,450. According to EPA, this additional funding was offered to the District because the District's agricultural tractor replacement proposal was the highest ranked proposal for the FY 2019 DERA solicitation.

District Governing Board Receives Update on Implementation of District's Charge Up! Electric Vehicle Charger Incentive Program

The Governing Board received an update on the implementation of the District's Charge Up! Electric Vehicle Charger Incentive Program. This program provides funding for the installation of electric vehicle charging infrastructure throughout the San Joaquin Valley. The program was launched in June, 2015 to promote the use of clean passenger vehicles and further support the Board's vision and commitment to innovation in clean-air technology in the San Joaquin Valley. Since the launch, the program has seen steadily increasing participation as Valley electric vehicle adoption rates have continued to climb. Recent enhancements, approved by the Governing Board in 2017, further expanded the program, increased program efficiency, and provided leveraging opportunities with other state funding programs. These enhancements led to a queue of eligible projects that exceeded the \$3,000,000 allocated to the program in this fiscal year. To address this, the Governing Board voted to increase the funding for this program by an additional \$5,000,000 for the remainder of the fiscal year.

New Clean Air Quality Records Set During 2019-2020 Winter Season

The Governing Board heard a comprehensive report on the 2019-2020 Check Before You Burn season. This was the first season to be implemented under the 2019 amendments to the wood-burning rule, which significantly increased the number of no-burn days in the Hot Spot counties of Madera, Fresno, and Kern. Although the Valley experienced poor air quality during exceptional high wind events in November 2019, outside of this period the region experienced the cleanest air quality during a winter season on record. New records marked included the greatest number of Good and Moderate Air Quality Index (AQI) days across all counties, and for the first time in Valley air quality recorded history, measured zero Unhealthy AQI days for PM_{2.5}. The Valley also experienced the lowest number of days that exceeded the federal PM_{2.5} standard of 35 µg/m³, a key indicator of progress being made towards attaining federal PM_{2.5} air quality standards.

This winter season also included the successful implementation of the Burn Cleaner program, with over \$5.4 million in funding for over 2,200 vouchers issued for residents to upgrade to clean wood burning devices during 2019-20. During the 2019-20 season, the Burn Cleaner program offered higher incentives amounts for residents living in the Hot Spot counties of Madera, Fresno, and Kern who were interested in transitioning their high polluting wood burning unit to a gas insert. This past winter saw another successful *Check Before You Burn* outreach campaign, with Valley residents expressing significant interest in air quality and the District responding to nearly 400 public calls regarding wood burning activity, device registration, incentives and daily wood burning status, and approximately 400 complaints for suspected wood burning activity. The success of this past winter

season would not have been possible without the commitment from Valley residents to reduce their wood burning emissions, coupled with the District’s multi-faceted program that utilizes wood burning curtailments, incentives, public education/outreach, and strong enforcement to reduce wood smoke.

February District Activities

Outreach and Communications

- In February, the District held a series of workshops for agricultural operators to ensure a clear understanding and compliance with Rule 4550, Conservation Management Practices (CMP). District staff provided hands-on assistance to growers and dairy families to modify existing CMP Plans and obtain new plans designed to reduce fugitive dust emissions from Ag sources. Staff was available to answer questions regarding District permitting and emission reduction incentive grant programs.
- With the new changes that occurred to the Statement of Compliance for Rule 4901 which took effect January 1, 2020, District staff has continued outreach presentations to Realtor Associations up and down the Valley to ensure compliance with selling or transferring a home. To learn more the Statement of Compliance, please visit <https://valleyair.org/rule4901/>.
- In February, District staff responded to 9 media calls, 62 public calls, and 24 emails, and attended five event/presentations.

Grants and Incentive Programs

- In February, the District received 1084 incentive program applications. 350 were for the Burn Cleaner Wood Stove Change-Out Program and 213 were for the Heavy Duty Engine Program.
- In February, \$10,646,881.06 was placed under contract in the Heavy Duty Engine Program and 295 claims were paid.
- In February, \$2,770,254.80 was paid out in Light Duty and REMOVE II program claims.
- In February, \$1,657,050.32 was paid in Burn Cleaner program claims and 671 claims were processed.

	February 2020	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	Number of Claims Paid	Sum of Grant Funding
Burn Cleaner	Burn Cleaner – Wood Stove Change Out	350	377	\$970,000.00	377	\$970,000.00	671	\$1,657,050.32
CAP & Trade	Demonstration – Cargo Handling	0	0	\$0.00	0	\$0.00	1	\$967,113.00
	Demonstration – New Electric Vehicle	0	0	\$0.00	0	\$0.00	4	\$2,594,251.00
Commuter Subsidy	Park & Ride Lot Subsidy	1	0	\$0.00	0	\$0.00	0	\$0.00
	Transit Bus Subsidy	0	0	\$0.00	1	\$22,818.00	0	\$0.00
Heavy Duty	Ag Burn Alternative Voucher	19	0	\$0.00	0	\$0.00	1	\$36,000.00
	Ag Engine Alt Fuel to Electric	0	2	\$54,484.69	0	\$0.00	0	\$0.00

	Ag Engine Diesel to Diesel	0	6	\$107,130.00	6	\$107,130.00	0	\$0.00
	Ag Engine Diesel to Electric	0	1	\$28,000.00	0	\$0.00	2	\$26,000.00
	Ag UTV Vehicle Replacement	0	0	\$0.00	0	\$0.00	40	\$447,483.65
	Dairy Feed Mixer Electrification	0	1	\$1,384,884.89	0	\$0.00	0	\$0.00
	Locomotive Replacement	1	0	\$0.00	0	\$0.00	0	\$0.00
	Off-Road Ag Vehicle Replacement	158	94	\$5,276,837.39	89	\$5,942,802.68	119	\$7,041,600.21
	Off-Road Ag Vehicle Replacement 2 for 1	0	3	\$1,092,000.00	1	\$364,000.00	1	\$222,155.39
	Off-Road Engine Repower	0	1	\$177,500.00	0	\$0.00	8	\$1,118,552.87
	Off-Road Low-Dust Harvester Replacement	0	0	\$0.00	0	\$0.00	3	\$166,417.45
	Off-Road Tractor Trade-Up	1	1	\$97,500.00	10	\$370,500.00	0	\$0.00
	On-Road Ag Truck Replacement	0	0	\$0.00	0	\$0.00	10	\$518,347.56
	On-Road New Purchase	0	0	\$0.00	8	\$150,000.00	0	\$0.00
	On-Road Trade-Up	0	16	\$800,000.00	3	\$200,000.00	0	\$0.00
	On-Road Truck Repair Pilot	26	21	\$74,266.87	21	\$74,266.87	26	\$146,671.08
	On-Road Truck Replacement	8	6	\$397,587.59	20	\$1,736,115.55	50	\$2,206,724.05
	On-Road TVP Vehicle Replacement	0	0	\$0.00	0	\$0.00	1	\$50,000.00
	School Bus Alt Fuel Tank Replacement	0	0	\$0.00	0	\$0.00	5	\$83,237.13
	School Bus Vehicle Replacement	0	0	\$0.00	0	\$0.00	29	\$2,856,734.65
	Yard Truck Replacement	0	8	\$1,156,689.63	0	\$0.00	0	\$0.00
	Lawn & Garden	Commercial Replacement	9	2	\$46,746.40	2	\$46,746.40	8
Residential New Purchase		30	27	\$1,867.89	27	\$1,867.89	25	\$1,448.39
Residential Replacement		29	19	\$3,819.50	19	\$3,819.50	21	\$4,370.00
Light Duty	Charge Up - Private	10	11	\$73,000.00	11	\$73,000.00	0	\$0.00
	Charge Up - Public	13	15	\$656,000.00	15	\$656,000.00	1	\$10,000.00
	Drive Clean – EV Vehicle Rebate	193	204	\$549,617.69	204	\$549,617.69	324	\$907,756.85
	EFMP Replacement	118	127	\$1,130,992.28	127	\$1,130,992.28	158	\$1,182,715.92

	TITU Admin/Events	9	20	\$98,288.45	20	\$98,288.45	22	\$113,015.31
	TITU Payroll	6	13	\$148,206.77	13	\$148,206.77	20	\$233,808.82
	TITU Repairs	62	50	\$224,436.88	50	\$224,436.88	79	\$307,207.90
	Van Pool Agency CFP	15	15	\$48,360.00	15	\$48,360.00	13	\$15,750.00
Public Benefit	Alternative Fuel New Vehicle	7	13	\$258,395.50	21	\$320,843.09	17	\$296,395.88
Technology Advancement	Technology Advancement - RFP	2	0	\$0.00	0	\$0.00	0	\$0.00
VW NOx Mitigation	Replacement Shuttle Bus	5	0	\$0.00	0	\$0.00	0	\$0.00
	Replacement Transit Bus	12	0	\$0.00	0	\$0.00	0	\$0.00
	Totals	1084	1053	\$14,856,612.42	1060	\$13,239,812.05	1659	\$23,251,206.65

Reductions from Executed Contracts (tons)			
NOx	PM	ROG	Total
755	305	74	1,134

Smoking Vehicles	14
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Operations Overview

- Completed 2,504 inspections in February, and 318 NOVs were issued. Mutual settlement case completions totaled 172.
- Received 208 permit applications in February, and 181 permits were issued.
- Received 14 smoking vehicle reports in February.
- Received 227 environmental documents in February.