

## Actions by the Governing Board – June 20, 2019

### **District Accepts \$7,000,000 in Federal Funding to Replace Ag Tractors, Yard Trucks and Switcher Locomotives**

The Valley Air District Governing Board accepted \$6,961,054 from the United States Environmental Protection Agency (US EPA) to fund a variety of clean-air projects in the San Joaquin Valley. All three District proposals were ranked and selected for funding under the highly competitive Federal Diesel Emission Reduction Act (DERA) Clean Diesel Funding Assistance Program. Our yard truck replacement proposal was selected for funding in the amount of \$2,364,974, our agricultural tractor replacement proposal was selected for \$2,350,000, and our switcher locomotive proposal was selected for \$2,246,080, for a total award of \$6,961,054. The yard truck replacement grant will help fund the replacement of approximately 17 older, high-polluting yard trucks that move cargo and agricultural commodities within distribution and warehousing facilities in the San Joaquin Valley with new, zero-emission battery electric yard trucks. The ag tractor replacement grant will help fund the replacement of approximately 103 older, high-polluting tractors with significantly cleaner Tier 4 tractors, and the switcher locomotive grant will help fund the replacement of 3 older, high-polluting switcher locomotives with significantly cleaner Tier 4 switcher locomotives operating in the San Joaquin Valley.

### **District accepts \$1.4 Million in State Funding for Valley Clean-Air Projects**

The Valley Air District Governing Board accepted \$1,395,744 from the California Air Resources Board (CARB) Carl Moyer Program State Reserve Project Funding Solicitation to fund eligible emission reduction projects throughout the San Joaquin Valley. The Carl Moyer Program provides grant funding for voluntary incentive programs aimed at accelerating the deployment of clean air technologies. The District will utilize this funding for a variety of project categories, including the replacement of Moyer-eligible off-road equipment and engines in the San Joaquin Valley through the District's existing Heavy-Duty Engine Incentive Program.

### **District Governing Board Approves the Continued Implementation of the Tune In Tune Up Vehicle Repair Program**

The Valley Air District Governing Board approved \$5 million for the continued implementation of the District's Tune In Tune Up vehicle repair program. The program operates through weekend events held throughout the Valley which are designed to provide emissions tests of vehicles to determine the likelihood of that vehicle failing a smog test. Owners of vehicles that fail this emissions tests are provided vouchers that are redeemed at participating STAR certified smog shops for up to \$850 in emissions related repairs, necessary smog checks, and diagnostics. Once repaired, confirmatory smog tests are completed which can then be used by vehicle owners to complete registration process if needed. The Tune In Tune Up program continues to see strong participation in disadvantaged communities throughout the Valley with over 3,300 vehicles repaired last year.

### **District Governing Board Approves Participation in New Statewide Prescribed Burn Reporting and Monitoring Support Program**

The Valley Air District Governing Board took action to enter into an agreement to participate in the new statewide Prescribed Burn Reporting and Monitoring Support Program. This latest action builds on the Valley Air District's continuing efforts to facilitate the increased use of prescribed fire by land management agencies to remove excess fuels in the forested areas of the Valley to reduce the number and severity of wildfires and the associated air quality impacts. Consistent with the Governor's directives and new legislative mandates, the California Air Resources Board's (CARB) developed the new Prescribed Burn Reporting and Monitoring Support Program. Under the program, CARB will be working with local air districts to facilitate the increase in prescribed burns called for to meet statewide goals, enhance air quality and smoke monitoring, and provide public

outreach regarding the benefits of prescribed burns. With the surrounding Sierra Nevada's still experiencing the consequences of California's tree mortality epidemic, the wildfire threat is still very relevant as the region has experienced a number of the largest wildfires in state history in recent years. Participation in this program will aid in the District's ability to facilitate, monitor and report to the public the progress made in reducing the public health impacts associated with the enormous emissions from wildfires.

### **District Adopts Amendments to Residential Wood Burning Emissions Reduction Strategy**

The Valley Air District Governing Board approved amendments to the District's residential wood burning emissions reduction strategy, including lowering the wood burning curtailment thresholds for Hot Spot counties within Rule 4901 (Wood Burning Fireplaces and Wood Burning Heaters), adopting a number of more stringent Valley wide measures within Rule 4901, increasing *Burn Cleaner* incentives amounts in Hot Spot counties, and increasing outreach and enforcement activities to support the amended strategy.

The Board action was designed to satisfy commitments from the District's *2018 PM2.5 Plan*, and was an early action from this attainment plan to further reduce PM2.5 emissions ahead of the upcoming 2019-2020 winter season. Further reductions in residential wood smoke emissions is a high priority under the District's Health Risk Reduction Strategy, given the significant localized health impacts associated with residential wood smoke. Health benefits from reducing emissions from residential wood burning are related to the high level of population exposure to urban, residential wood-burning emissions in relation to other stationary sources.

Specifically, amendments to District Rule 4901 lowers the curtailment threshold from 20 to 12  $\mu\text{g}/\text{m}^3$  for older, higher-polluting wood burning heaters, open hearth fireplaces, and non-registered wood burning heaters in the Hot Spot counties of Madera, Fresno, and Kern. Within these same Hot Spot counties, the cleaner, registered wood burning heaters will be allowed to burn when air quality is forecast to be between 12 and 35  $\mu\text{g}/\text{m}^3$ . In these counties, no wood burning will be allowed when air quality is forecast to be above 35  $\mu\text{g}/\text{m}^3$ . In the remaining Valley counties, the previous curtailment thresholds will remain in place.

The more stringent curtailment thresholds established in the Hot Spot counties will be coupled with increased *Burn Cleaner* incentives amounts to cover nearly the entire cost of replacing high polluting wood burning units with natural gas units. Current incentives amounts will continue to be offered in other areas of the Valley. To complement the regulatory and incentives changes, the District will also implement an education and outreach campaign to increase public awareness of the program, along with focusing its rule enforcement efforts in Hot Spot counties and in areas of concern. The District will also continue to investigate and employ the latest air quality modeling tools and techniques to support the air quality forecasting component of the program, which will especially be key in Hot Spot counties with wood burning curtailment thresholds set at lower levels.

## **April District Activities**

### **Outreach and Communications**

- In April, District staff received and began distributing the 2018-2019 Report to the Community. The report is an easy to follow and concise account of the District's progress, the challenges that remain and upcoming efforts to achieve cleaner air in the San Joaquin Valley. To read more on the report, visit [valleyair.org/2018-19-Annual-Report.PDF](http://valleyair.org/2018-19-Annual-Report.PDF)

The District attended many Earth Day events throughout the Valley promoting the District's highly-successful voluntary incentive programs targeted at reducing harmful emissions throughout the Valley. For more information on these programs, call (559) 230-5800.

District staff continued to promote Healthy Air Living Schools Program, which continues to make education a priority. With more than 1,500 public and private schools in the Valley, the District's Healthy Air Living Schools Program actively engages with parents and administrators at schools and school districts to provide them with free resources to make the best decisions about outdoor activities during air quality episodes. To learn more or find out if your child's school participates in the Healthy Air Living Schools Program, contact [public.education@valleyair.org](mailto:public.education@valleyair.org)

- In April, District staff responded to 12 media calls, 40 public calls, and 45 emails, and attended twenty-one event/presentations.

## Grants and Incentive Programs

- In April, the District received 1142 incentive program applications. 147 were for the Wood Stove Change-Out Program and 395 were for the Heavy Duty Engine Program.
- In April, \$14,499,107.87 was placed under contract in the Heavy Duty Engine Program and 223 claims were paid.
- In April, \$1,433,351.52 was paid out in REMOVE II program claims.
- In April, \$266,305.00 was paid in Burn Cleaner program claims and 150 claims were processed.

	April 2019	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
<b>Burn Cleaner</b>	Burn Cleaner-Wood Stove Change Out	147	102	\$203,000.00	102	\$203,000.00	150	\$266,305.00
<b>Commuter Subsidy</b>	Transit Bus Subsidy	0	0	\$0.00	0	\$0.00	1	\$3,460.00
CAP & Trade	Demonstration Cargo Handling	0	1	\$21,465,928.00	0	\$0.00	0	\$0.00
<b>Heavy Duty</b>	Ag Engine Alt Fuel to Electric	0	0	\$0.00	2	\$47,500.00	0	\$0.00
	Ag Engine Diesel to Diesel	0	0	\$0.00	2	\$35,910.00	1	\$15,660.00
	Ag Engine Diesel to Electric	0	0	\$0.00	1	\$13,500.00	0	\$0.00
	Ag Burn Alternative	9	0	\$0.00	0	\$0.00	0	\$0.00
	Ag UTV	202	204	\$2,379,022.72	204	\$2,379,022.72	69	\$699,645.96
	Dairy Feed Mixer Electrification	0	0	\$0.00	0	\$0.00	2	\$185,038.10
	Off-Road Ag Vehicle Replacement	110	85	\$6,534,311.29	112	\$6,156,813.08	98	\$6,364,803.05
	Off-Road Ag Vehicle Replacement 2 for 1	0	3	\$1,092,000.00	1	\$364,000.00	8	\$2,843,048.06
	Off-Road Engine Repower	1	15	\$2,591,952.24	1	\$289,693.39	2	\$313,088.72

	Off-Road Low-Dust Harvester Replacement	3	2	\$127,792.30	1	\$33,369.82	0	\$0.00
	Off-Road Tractor Trade-Up	0	0	\$0.00	1	\$0.00	6	\$0.00
	On-Road Ag Truck Replacement	24	6	\$301,029.32	4	\$191,829.32	0	\$0.00
	On-Road New Purchase	1	1	\$10,000.00	0	\$0.00	0	\$0.00
	On-Road Trade-Up	0	0	\$0.00	0	\$0.00	6	\$600,000.00
	On-Road Truck Replacement	23	11	\$403,000.00	5	\$250,000.00	7	\$246,200.00
	On-Road Prop 1B Vehicle Replacement	0	0	\$0.00	0	\$0.00	14	\$1,400,000.00
	On-Road TVP Vehicle Replacement	0	0	\$0.00	0	\$0.00	10	\$347,328.85
	School Bus Vehicle Replacement	22	6	\$1,060,000.00	0	\$0.00	0	\$0.00
<b>Lawn &amp; Garden</b>	Lawn Mower Replacement	116	108	\$24,069.00	108	\$24,069.00	54	\$12,269.00
<b>Light Duty</b>	EFMP Replacement	97	170	\$1,565,500.00	170	\$1,565,500.00	105	\$506,064.48
	TITU Admin/Events	4	4	\$41,658.96	4	\$41,658.96	8	\$41,188.44
	TITU Payroll	5	8	\$122,158.93	8	\$122,158.93	9	\$91,721.01
	TITU Repairs	57	49	\$220,642.87	49	\$220,642.87	31	\$138,474.69
	Charge Up - Private	8	2	\$64,000.00	2	\$64,000.00	6	\$60,000.00
	Charge Up - Public	3	2	\$50,000.00	2	\$50,000.00	2	\$18,000.00
	Van Pool Voucher	29	32	\$11,430.00	32	\$11,430.00	482	\$14,460.00
	Drive Clean - EV Vehicle Rebate	237	185	\$488,442.90	185	\$488,442.90	214	\$563,442.90
<b>Public Benefit</b>	Alternative Fuel Infrastructure	0	0	\$0.00	0	\$0.00	2	\$261,397.25
	Alternative Fuel New Vehicle	42	14	\$232,854.10	4	\$80,000.00	1	\$1,439.36
<b>Special Projects</b>	PEV Readiness	0	0	\$0.00	0	\$0.00	1	\$585.67
<b>Technology Advancement</b>	Tech. Advance Program	2	0	\$0.00	0	\$0.00	0	\$0.00
	<b>Totals</b>	<b>1142</b>	<b>1010</b>	<b>\$38,988,792.63</b>	<b>1000</b>	<b>\$12,632,540.99</b>	<b>1,289</b>	<b>\$14,993,620.54</b>

Reductions from Executed Contracts (tons)			
NOx	PM	ROG	Total
702	145	78	926

<b>Smoking Vehicles</b>	<b>12</b>
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## Operations Overview

- Completed 3,313 inspections in April, and 183 NOV's were issued. Mutual settlement case completions totaled 246.
- Received 285 permit applications in April, and 182 permits were issued.
- Received 273 environmental documents in April.

## May District Activities

### Outreach and Communications

- In May, District staff continued to encourage residents, other interested individuals and businesses to attend the South Central Fresno and Shafter AB 617 Steering Committee meetings. The South Central Fresno Steering Committee meets every second Wednesday of the month and City of Shafter meets every second Monday of the month. For more information, visit [community.valleyair.org](http://community.valleyair.org).

The District received 2018-2019 Annual Report to the Community, which is a yearly publication that provides highlights of the District's operations, priorities, challenges and achievements during the last year. To read the report on-line, visit [https://www.valleyair.org/General\\_info/pubdocs/2018-19-Annual-Report.PDF](https://www.valleyair.org/General_info/pubdocs/2018-19-Annual-Report.PDF).

- In May, District staff responded to 15 media calls, 65 public calls, and 43 emails, and attended eleven event/presentations.

### Grants and Incentive Programs

- In May, the District received 1132 incentive program applications. 111 were for the Wood Stove Change-Out Program and 395 were for the Heavy Duty Engine Program.
- In May, \$13,415,596.60 was placed under contract in the Heavy Duty Engine Program and 226 claims were paid.
- In May, \$2,763,098.71 was paid out in REMOVE II program claims.
- In May, \$488,220.00 was paid in Burn Cleaner program claims and 283 claims were processed.

	May 2019	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
<b>Burn Cleaner</b>	Burn Cleaner-Wood Stove Change Out	111	161	\$327,500.00	161	\$327,500.00	283	\$488,220.00
<b>CAP &amp; Trade</b>	Demonstration - New Electric Vehicle	0	0	\$0.00	0	\$0.00	6	\$640,783.47
<b>Heavy Duty</b>	Ag Engine Diesel to Electric	0	1	\$13,000.00	0	\$0.00	0	\$0.00
	Ag Burn Alternative	16	21	\$617,970.00	21	\$617,970.00	1	\$19,200.00
	Ag UTV	215	51	\$620,288.43	51	\$620,288.43	90	\$971,597.48
	Dairy Feed Mixer Electrification	0	0	\$0.00	0	\$0.00	1	\$260,960.00
	Off-Road Ag Vehicle Replacement	85	122	\$7,536,831.07	123	\$8,836,688.61	103	\$6,575,031.93
	Off-Road Ag Vehicle Replacement 2 for 1	0	1	\$364,000.00	4	\$1,456,000.00	0	\$0.00
	Off-Road Engine Repower	0	0	\$0.00	14	\$2,457,285.64	0	\$0.00
	Off-Road Low-Dust Harvester Replacement	2	7	\$608,095.51	10	\$619,137.76	0	\$0.00
	On-Road Ag Truck Replacement	24	12	\$1,130,251.72	7	\$635,078.99	19	\$1,173,773.37
	On-Road New Purchase	0	50	\$1,000,000.00	1	\$10,000.00	0	\$0.00
On-Road Trade-Up	0	2	\$100,000.00	2	\$100,000.00	0	\$0.00	

	On-Road Truck Replacement	45	24	\$885,159.87	26	\$1,127,347.65	2	\$85,000.00
	On-Road TVP Vehicle Replacement	0	0	\$0.00	0	\$0.00	2	\$76,000.00
	School Bus Vehicle Replacement	8	3	\$540,000.00	24	\$8,500,000.00	5	\$367,349.45
	School Bus Alt Fuel Tank Replacement	0	0	\$0.00	0	\$0.00	3	\$14,578.90
<b>Lawn &amp; Garden</b>	Residential New Purchase	11	0	\$0.00	0	\$0.00	0	\$0.00
	Residential Lawn Mower Replacement	103	93	\$19,768.25	93	\$19,768.25	115	\$24,550.00
<b>Light Duty</b>	EFMP Replacement	74	157	\$1,455,500.00	157	\$1,455,500.00	169	\$1,292,321.07
	TITU Admin/Events	9	7	\$70,773.35	7	\$70,773.35	10	\$72,195.59
	TITU Payroll	10	9	\$89,340.31	9	\$89,340.31	13	\$118,271.62
	TITU Repairs	79	75	\$335,973.61	75	\$335,973.61	93	\$418,141.78
	Charge Up - Private	7	13	\$362,000.00	13	\$362,000.00	0	\$0.00
	Charge Up - Public	4	11	\$325,000.00	11	\$325,000.00	1	\$9,660.00
	Van Pool Voucher	47	52	\$18,720.00	52	\$18,720.00	1918	\$57,540.00
	Drive Clean - EV Vehicle Rebate	255	289	\$785,968.65	289	\$785,968.65	292	\$794,968.65
<b>Public Benefit</b>	Alternative Fuel New Vehicle	26	12	\$240,000.00	33	\$547,334.85	3	\$2,766.07
<b>Special Projects</b>	PEV Readiness - ZEV Implementation	0	0	\$0.00	0	\$0.00	4	\$27,542.78
<b>Technology Advancement</b>	Technology Advancement - RFP	1	0	\$0.00	0	\$0.00	1	\$9,677.74
<b>Totals</b>		<b>1132</b>	<b>1173</b>	<b>\$17,446,140.77</b>	<b>1183</b>	<b>\$29,317,676.10</b>	<b>3,134</b>	<b>\$13,500,129.90</b>

Reductions from Executed Contracts (tons)			
NOx	PM	ROG	Total
944	681	165	1,790

Smoking Vehicles	5
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## Operations Overview

- Completed 3,762 inspections in May, and 196 NOVs were issued. Mutual settlement case completions totaled 185.
- Received 204 permit applications in May, and 167 permits were issued.
- Received 290 environmental documents in May.

## Upcoming Meetings

**Governing Board\***

9:00 AM, Sept. 19

**Citizens Advisory Committee\***

10:00 AM, Sept. 3

**Environmental Justice Advisory Group**

5:30 PM, Aug. 22

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

Details: [www.valleyair.org](http://www.valleyair.org)

\*Webcast