

## Actions by the Governing Board – February 20, 2020

### **Air District Efforts to Protect Valley Residents from Toxic Emissions**

In addition to numerous efforts aimed at reducing ozone and particulate emissions throughout the Valley, the District also devotes significant resources and implements comprehensive strategies to further reduce toxic air pollutants. The District's Governing Board received a detailed report on efforts by the District and authorized District staff to distribute the report to county boards of supervisors, city councils, and local health officers. The District's integrated air toxics program integrates local, state and federal measures to prevent localized air toxic hot spots, reduce regional air toxic risk from various source categories and prevent significant risk to the public from new and expanding facilities. As noted in the report, the District has completed the reassessment of over 3000 facilities to date, none of which pose a significant risk to residents of the Valley. Through these efforts, residents have seen a reduction of nearly 90% in cancer risk due to air toxics during the last two decades. For more details, the District's Annual Air Toxics Report for the Year 2019 is available [here](#).

### **District Governing Board Approves Additional Funding for Continued Implementation on Incentive Program to Support On-Field Alternatives to the Open Burning of Agricultural Materials**

In November 2018, the Valley Air District Governing Board approved a new pilot incentive program to support on-field alternatives to the open burning of agricultural waste materials. Until 2014, the open burning of agricultural waste in the Valley had been reduced by 80%. The exceptional drought conditions that the Valley recently experienced and the demise of the biomass power industry has resulted in an increase in the open burning of wood waste since that time and now threatens the Valley's progress. This new program offers incentive funding for emerging alternative practices as a mechanism to reduce the open burning of woody materials from orchard removals. Incentive options range from \$300 to \$600 per acre of agricultural material removed, up to a maximum of \$60,000 per recipient per year. To date, the District received applications requesting over \$3.2 million in funding representing 6,454 acres of orchard and vineyard removals. With the Boards action in February, an additional \$3,000,000 was added to respond to the significant level of interest for the program. With an increased level of participation, the District can further expand the scope of the program and collect additional data from growers related to the efficacy of the program and benefit to air quality, crop yields and overall soil health.

### **District Governing Board Received Update on Upcoming Planning Efforts for Attainment of the 2015 8-Hour Ozone Federal Air Quality Standard**

The Valley Air District Governing Board received an update about upcoming efforts to address implementation requirements for the 2015 8-hour ozone federal air quality standard. In October 2015, the U.S. Environmental Protection Agency (EPA) lowered the 8-hour ozone standard from 75 ppb to 70 ppb. EPA's implementation rule for the 2015 ozone standard identifies plan elements and timelines for when each element is due, based on the requirements of the Clean Air Act for "extreme" ozone nonattainment areas. Planning elements to be submitted to EPA through the timeline of this planning process includes: a Reasonably Available Control Technology (RACT) demonstration, an Updated Emissions Inventory, an Emissions Statement Certification, a New Source Review Program Certification, and the formal Attainment Plan itself, which is due in 2022. The implementation of existing emissions reductions strategies will continue to improve ozone air quality across the Valley, and the upcoming *2022 Ozone Plan* will build upon these strategies to continue this positive progress. The District will provide regular updates on the development of this plan to the Governing Board, the Citizens Advisory Committee, and the Environmental Justice Advisory Group.

## January District Activities

### Outreach and Communications

- In January, the District rolled out its 2020 calendar for Drive Clean in the San Joaquin. A program that allows opportunities for residents to clean up their vehicles, for free, by attending Tune-In & Tune-Up events, where participants receive a free emissions test to determine if their vehicle will pass an official smog test. For all the details on Drive Clean in the San Joaquin programs, visit: [www.valleyair.org/drivecleaninthesanjoaquin](http://www.valleyair.org/drivecleaninthesanjoaquin).
- With Stockton being approved as a year two community for AB 617, the District invited Stockton residents, businesses and other community stakeholders to participate in the formation of a community steering committee to assess the needs of Southwest Stockton and work on a Community Air Monitoring Plan and a community emissions reduction program (CERP) for this year. Details for upcoming meetings are available at [www.valleyair.org/community](http://www.valleyair.org/community).
- In January, District staff responded to 10 media calls, 63 public calls, and 31 emails, and attended three event/presentations.

### Grants and Incentive Programs

- In January, the District received 1270 incentive program applications. 566 were for the Burn Cleaner Wood Stove Change-Out Program and 227 were for the Heavy Duty Engine Program.
- In January, \$10,611,279.99 was placed under contract in the Heavy Duty Engine Program and 196 claims were paid.
- In January, \$2,035,275.47 was paid out in Light Duty and REMOVE II program claims.
- In January, \$861,319.74 was paid in Burn Cleaner program claims and 376 claims were processed.

	January 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
<b>Burn Cleaner</b>	Burn Cleaner – Wood Stove Change Out	566	576	\$1,444,500.00	576	\$1,444,500.00	376	\$861,319.74
<b>CAP &amp; Trade</b>	Demonstration – Cargo Handling	0	0	\$0.00	0	\$0.00	1	\$1,520,738.00
	Demonstration – New Electric Vehicle	0	0	\$0.00	0	\$0.00	2	\$205,311.28
<b>Commuter Subsidy</b>	Transit Bus Subsidy	0	1	\$22,818.00	0	\$0.00	1	\$3,025.00
<b>Heavy Duty</b>	Ag Burn Alternative	20	21	\$496,815.00	21	\$496,815.00	3	\$42,420.00
	Ag Engine Diesel to Electric	1	0	\$0.00	0	\$0.00	0	\$0.00
	Ag UTV	0	1	\$11,490.05	1	\$11,490.05	28	\$341,522.57
	Infrastructure Alternative Fuel	6	0	\$0.00	0	\$0.00	0	\$0.00
	Locomotive	0	0	\$0.00	0	\$0.00	2	\$5,334,346.90

	Off-Road Ag Vehicle Replacement	118	85	\$5,863,402.08	86	\$6,620,728.41	104	\$8,298,916.33
	Off-Road Ag Vehicle Replacement 2 for 1	0	0	\$0.00	8	\$2,118,169.44	0	\$0.00
	Off-Road Engine Repower	1	1	\$419,739.90	0	\$0.00	6	\$924,433.14
	Off-Road Low-Dust Harvester Replacement	0	0	\$0.00	0	\$0.00	3	\$101,994.25
	Off-Road Tractor Trade-Up	1	0	\$0.00	0	\$0.00	0	\$0.00
	On-Road Ag Truck Replacement	0	1	\$154,667.50	21	\$2,284,658.89	9	\$1,017,108.73
	On-Road New Purchase	0	9	\$170,000.00	8	\$160,000.00	0	\$0.00
	On-Road Trade-Up	0	5	\$200,000.00	12	\$500,000.00	0	\$0.00
	On-Road Truck Repair Pilot	24	18	\$114,637.50	18	\$114,637.50	16	\$86,400.52
	On-Road Truck Replacement	15	35	\$3,180,527.96	21	\$1,859,743.63	8	\$214,323.80
	On-Road Prop 1B TRU Infrastructure	0	0	\$0.00	0	\$0.00	2	\$186,000.00
	On-Road TVP Vehicle Replacement	0	0	\$0.00	0	\$0.00	9	\$397,054.89
	School Bus Vehicle Replacement	41	0	\$0.00	0	\$0.00	6	\$524,227.40
	<b>Lawn &amp; Garden</b>	Commercial Replacement	4	19	\$51,628.02	19	\$51,628.02	190
Residential New Purchase		21	24	\$1,200.00	24	\$1,200.00	22	\$949.98
Residential Replacement		18	26	\$5,394.75	26	\$5,394.75	29	\$5,989.73
<b>Light Duty</b>	Charge Up - Private	1	0	\$0.00	0	\$0.00	6	\$74,000.00
	Charge Up - Public	5	7	\$205,000.00	7	\$205,000.00	5	\$135,745.00
	Drive Clean – EV Vehicle Rebate	278	342	\$957,139.16	342	\$957,139.16	265	\$717,000.00
	EFMP Replacement	70	114	\$1,042,000.00	114	\$1,042,000.00	113	\$835,000.00
	TITU Admin/Events	6	7	\$53,637.28	7	\$53,637.28	7	\$72,295.11
	TITU Payroll	9	11	\$133,838.07	11	\$133,838.07	5	\$59,197.19
	TITU Repairs	29	30	\$88,773.22	30	\$88,773.22	30	\$124,728.17
	Van Pool Agency CFP	3	6	\$13,080.00	6	\$13,080.00	10	\$17,310.00
<b>Public Benefit</b>	Public Benefit – Advance Transit & Transportation Strategy	0	0	\$0.00	0	\$0.00	1	\$544,562.07
	Alternative Fuel New Vehicle	27	0	\$0.00	25	\$415,561.09	15	\$284,296.88

<b>VW NOx Mitigation</b>	Replacement School Bus	4	0	\$0.00	0	\$0.00	0	\$0.00
	Replacement Shuttle Bus	1	0	\$0.00	0	\$0.00	0	\$0.00
	Replacement Transit Bus	1	0	\$0.00	0	\$0.00	0	\$0.00
<b>Totals</b>		<b>1270</b>	<b>1339</b>	<b>\$14,630,288.49</b>	<b>1383</b>	<b>\$18,577,994.51</b>	<b>1274</b>	<b>\$22,999,808.13</b>

Reductions from Executed Contracts (tons)			
NOx	PM	ROG	Total
844	477	136	1,457

<b>Smoking Vehicles</b>	<b>5</b>
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## Operations Overview

- Completed 2,302 inspections in January, and 430 NOVs were issued. Mutual settlement case completions totaled 175.
- Received 221 permit applications in January, and 114 permits were issued.
- Received 5 smoking vehicle reports in January.
- Received 186 environmental documents in January.