

Actions by the Governing Board – December 19, 2019

District Governing Board Received Progress Report on the Drive Clean in the San Joaquin Incentive Program

The Valley Air District Governing Board received a progress report on the Drive Clean in the San Joaquin incentive program. This program provides incentives for Valley residents to repair their high emitting vehicle, receive rebates for the purchase or lease of a new clean air vehicle or replace their older high emitting vehicle with a newer cleaner model. These programs continue to be a valuable resources for Valley residents in reducing emissions from their passenger vehicles. In addition the Governing Board approved an expansion of the eligibility criteria for the vehicle replacement program which will no longer require an emission failure for 1999 model year and older vehicles and will also allow 2000-2006 model year vehicles with an emissions failure to be eligible for replacement. These changes will be implemented in a limited pilot phase through weekend Tune In Tune Up events in order to assess the potential impact on program participation rates.

District Governing Board Adopts Rule 4460 (Petroleum Refinery Fence-Line Air Monitoring) and Rule 3200 (Petroleum Refinery Community Air Monitoring Fees)

In October 2017, California State Legislature passed Assembly Bill 1647 (Muratsuchi, 2017), which establishes new state mandates for fence-line air monitoring at petroleum refineries and air monitoring in nearby communities. In response to the requirements of AB 1647, the District developed two new regulations that satisfy the new state mandates (Rule 4460 and Rule 3200), while taking into account the unique characteristics of Valley petroleum refineries. The District's Governing Board approved Rule 4460 and Rule 3200 at its December 2019 meeting. In more detail, District Rule 4460 (Petroleum Refinery Fence-line Air Monitoring) requires subject petroleum refinery owners and operators to install, operate, and maintain fence-line air monitoring systems and make data collected by these systems publicly available. District Rule 3200 (Petroleum Refinery Community Air Monitoring Fees) requires subject petroleum refinery owners and operators to pay an initial fee to recover the District's cost to purchase and implement refinery-related community air monitoring systems, and pay an annual operations and maintenance fee to recover the District's community monitoring system maintenance and associated staff time. Once operating, these community air monitoring systems will provide air quality information to the public regarding the levels of criteria air pollutants and refinery-related toxic air contaminants in communities located near petroleum refineries.

Report on 2019 Summer Ozone Season

Governing Board received a report on the 2019 ozone season, including the details of a number of new air quality records that were set for the Valley over this past year. In 2019, the Valley recorded an 8-hour ozone average of 84 ppb, meeting the 1997 8-hour ozone standard of 84 ppb. Currently, the Valley's 2017-2019 8-hour ozone design value, which is the official EPA metric used to determine whether an area is in attainment of a federal standard, now stands at 88 ppb, a new record low for the Valley. The Valley also set new records in 2019 for the lowest number of days the region exceeded the various federal 8-hour ozone standards of 84 ppb, 75 ppb, and 70 ppb, and continued to reduce the Valley's population exposure to high concentrations of ozone. Remarkably, these ozone improvements in 2019, including the record low 2017-2019 design value, were achieved despite stagnant high-pressure systems and significant ozone precursor emissions from record breaking wildfires in California influencing the Valley's air quality during the recent summer ozone seasons. Additionally, District staff discussed a recent California Air Resources Board (CARB) report on the District's 2007 Ozone plan, which demonstrated that the Valley was on track to attain the 84 ppb federal standard by the 2023 deadline with current measures in place. As the

region aims to attain the remaining federal ozone standards in the coming years, continued reductions in pollution will be needed to reach the Valley's goals.

September District Activities

Outreach and Communications

- In September, the District released two Community Emissions Reduction Programs (CERP) for the city of Shafter and South Central Fresno as required by Assembly Bill (AB) 617. Unanimously approved by the Governing Board, the CERPs employ proven and innovative strategies and significant resources, to improve community health by reducing exposure to air pollutants in the two selected communities. To learn more about the programs please visit <http://community.valleyair.org/>.
- District staff continued to promote Healthy Air Living Schools Program and solicit calendar entries from students throughout the Valley.
- In September, District staff responded to 2 media calls, 19 public calls, and 20 emails, and attended six event/presentations.

Grants and Incentive Programs

- In September, the District received 1079 incentive program applications. 216 were for the Wood Stove Change-Out Program and 304 were for the Heavy Duty Engine Program.
- In September, \$16,671,444.94 was placed under contract in the Heavy Duty Engine Program and 172 claims were paid.
- In September, \$3,090,098.81 was paid out in Light Duty and REMOVE II program claims.
- In September, \$103,000.00 was paid in Burn Cleaner program claims and 61 claims were processed.

	September 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
Bicycle Infrastructure	Bike Path Class I, II, or III	0	0	\$0.00	0	\$0.00	3	\$89,951.87
Burn Cleaner	Burn Cleaner - Wood Stove Change Out	216	137	\$222,500.00	137	\$222,500.00	61	\$103,000.00
Commuter Subsidy	Transit Bus Subsidy	0	0	\$0.00	1	\$30,000.00	0	\$0.00
CAP & Trade	Demonstration - Cargo Handling	0	0	\$0.00	4	\$13,948,403.00	0	\$0.00
	Demonstration - New Electric Vehicle	0	0	\$0.00	0	\$0.00	1	\$3,616,188.00
Heavy Duty	Ag Burn Alternative	34	19	\$533,400.00	19	\$533,400.00	31	\$330,042.00
	Ag Engine Diesel to Diesel	0	0	\$0.00	0	\$0.00	9	\$134,760.00

	Ag UTV	71	21	\$255,040.68	21	\$255,040.68	46	\$519,845.32
	Dairy Feed Mixer Electrification	1	0	\$0.00	0	\$0.00	0	\$0.00
	Off-Road Ag Vehicle Replacement	64	50	\$3,293,174.99	47	\$4,215,569.13	71	\$3,404,114.72
	Off-Road Ag Vehicle Replacement 2 for 1	0	1	\$364,000.00	2	\$728,000.00	1	\$364,000.00
	Off-Road Engine Repower	0	7	\$791,700.00	3	\$1,085,796.80	1	\$156,544.36
	Off-Road Low-Dust Harvester Replacement	2	0	\$0.00	0	\$0.00	6	\$213,161.74
	Off-Road Tractor Trade-Up	15	1	\$307,500.00	1	\$307,500.00	0	\$0.00
	On-Road Ag Truck Replacement	0	28	\$2,856,629.27	5	\$500,035.39	0	\$0.00
	On-Road New Purchase	8	0	\$0.00	0	\$0.00	0	\$0.00
	On-Road Trade-Up	3	0	\$0.00	0	\$0.00	0	\$0.00
	On-Road Truck Replacement	98	10	\$470,000.00	23	\$1,410,372.24	1	\$50,000.00
	On-Road Prop 1B Locomotive Replacement	0	6	\$7,800,000.00	0	\$0.00	0	\$0.00
	On-Road TVP Vehicle Replacement	0	0	\$0.00	0	\$0.00	3	\$66,000.00
	School Bus Vehicle Replacement	8	0	\$0.00	0	\$0.00	3	\$248,504.41
	Lawn & Garden	Commercial Replacement	24	32	\$73,083.60	32	\$73,083.60	4
Residential New Purchase		53	51	\$2,697.05	51	\$2,697.05	29	\$1,800.00
Residential Replacement		68	74	\$14,889.22	74	\$14,889.22	32	\$6,900.00
Light Duty	Charge Up - Private	15	8	\$400,000.00	8	\$400,000.00	0	\$0.00
	Charge Up - Public	6	9	\$232,000.00	9	\$232,000.00	4	\$200,000.00
	Drive Clean – EV Vehicle Rebate	218	306	\$830,220.38	306	\$830,220.38	662	\$1,802,055.67
	EFMP Replacement	46	99	\$900,500.00	99	\$900,500.00	100	\$658,000.00
	TITU Admin/Events	10	6	\$94,882.16	6	\$94,882.16	8	\$91,256.70
	TITU Payroll	7	8	\$97,946.14	8	\$97,946.14	13	\$116,906.71
	TITU Repairs	38	38	\$179,240.31	38	\$179,240.31	67	\$208,829.73
Van Pool Voucher	32	0	\$0.00	0	\$0.00	435	\$13,050.00	
Public Benefit	Alternative Fuel Infrastructure	0	0	\$0.00	0	\$0.00	1	\$410,000.00

	Alternative Fuel New Vehicle	40	24	\$391,284.84	17	\$270,096.73	0	\$0.00
Remove II	Alternate Fuel Training	1	1	\$2,250.00	1	\$2,250.00	0	\$0.00
Technology Advancement	Technology Advancement - RFP	1	0	\$0.00	0	\$0.00	0	\$0.00
	Totals	1079	936	\$20,112,938.64	912	\$26,334,422.83	1592	\$12,809,103.08

Reductions from Executed Contracts (tons)			
NOx	PM	ROG	Total
619	247	138	1,004

Smoking Vehicles	8
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Operations Overview

- Completed 1,814 inspections in September, and 196 NOVs were issued. Mutual settlement case completions totaled 91.
- Received 142 permit applications in September, and 86 permits were issued.
- Received 206 environmental documents in September.

October District Activities

Outreach and Communications

- In October, the District prepared for Check Before You Burn season, which is effective November 1 through the end of February. This winter time program lets Valley residents know if residential wood burning is allowed in their county each day, based on air quality and the type of wood-burning device they have in their home. The District revamped the Check Before You Burn webpage making it user friendly and easier to navigate. It's a one stop shop for all of your wood burning inquiries. To learn more about this program please visit <http://valleyair.org/rule4901/>.
- District staff promoted the health concerns associated with wildfire smoke and blowing dust. Issuing press releases explaining the negative effects that may be associated with each one and encouraging the public to utilize RAAN when trying to plan for outdoor activities.
- In October, District staff responded to 15 media calls, 86 public calls, and 20 emails, and attended twenty one event/presentations.

Grants and Incentive Programs

- In October, the District received 2137 incentive program applications. 483 were for the Wood Stove Change-Out Program and 496 were for the Heavy Duty Engine Program.
- In October, \$11,134,268.81 was placed under contract in the Heavy Duty Engine Program and 383 claims were paid.
- In October, \$2,100,813.07 was paid out in Light Duty and REMOVE II program claims.
- In October, \$231,684.00 was paid in Burn Cleaner program claims and 114 claims were processed.

October 2019	Applications	Grants Offered	Grants Executed	Amount Paid
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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	483	370	\$871,500.00	370	\$871,500.00	114	\$231,684.00
Commuter Subsidy	Park & Ride Lot Subsidy	1	0	\$0.00	0	\$0.00	0	\$0.00
CAP & Trade	Demonstration - Cargo Handling	0	1	\$849,050.00	0	\$0.00	0	\$0.00
	Demonstration - New Electric Vehicle	0	0	\$0.00	0	\$0.00	8	\$1,304,639.68
Heavy Duty	Ag Burn Alternative	32	16	\$382,722.00	16	\$382,722.00	0	\$0.00
	Ag Engine Alt Fuel to Electric	0	0	\$0.00	0	\$0.00	1	\$56,000.00
	Ag Engine Diesel to Electric	1	2	\$103,000.00	0	\$0.00	1	\$42,000.00
	Ag UTV	0	1	\$9,750.00	1	\$9,750.00	165	\$1,869,234.43
	Dairy Feed Mixer Electrification	0	1	\$916,854.02	0	\$0.00	1	\$936,191.66
	Off-Road Ag Vehicle Replacement	26	89	\$5,296,639.78	96	\$4,748,981.17	163	\$9,592,381.84
	Off-Road Ag Vehicle Replacement 2 for 1	0	0	\$0.00	0	\$0.00	1	\$364,000.00
	Off-Road Engine Repower	0	0	\$0.00	7	\$791,700.00	0	\$0.00
	Off-Road Low-Dust Harvester Replacement	0	0	\$0.00	0	\$0.00	2	\$67,969.42
	Off-Road Tractor Trade-Up	341	0	\$0.00	0	\$0.00	0	\$0.00
	On-Road Ag Truck Replacement	2	25	\$2,633,653.41	20	\$2,246,543.19	3	\$136,150.48
	On-Road New Purchase	2	0	\$0.00	0	\$0.00	0	\$0.00
	On-Road Trade-Up	20	8	\$500,000.00	0	\$0.00	0	\$0.00
	On-Road Truck Repair Pilot	8	0	\$0.00	0	\$0.00	0	\$0.00
	On-Road Truck Replacement	50	18	\$891,649.60	22	\$1,051,649.60	26	\$869,268.88
	On-Road TVP Vehicle Replacement	0	0	\$0.00	0	\$0.00	2	\$59,000.00
	School Bus Alt Fuel Tank Replacement	2	0	\$0.00	0	\$0.00	12	\$196,989.26

	School Bus Vehicle Replacement	12	1	\$400,000.00	0	\$0.00	6	\$811,290.25
Lawn & Garden	Commercial Replacement	31	38	\$63,772.50	38	\$63,772.50	2	\$3,664.90
	Residential New Purchase	37	39	\$1,850.00	39	\$1,850.00	34	\$1,472.05
	Residential Replacement	37	52	\$10,824.99	52	\$10,824.99	23	\$4,039.22
Light Duty	Charge Up - Private	3	15	\$281,000.00	15	\$281,000.00	3	\$69,139.66
	Charge Up - Public	14	9	\$297,000.00	9	\$297,000.00	10	\$224,298.02
	Drive Clean - EV Vehicle Rebate	286	329	\$907,631.89	329	\$907,631.89	316	\$857,712.48
	EFMP Replacement	113	129	\$1,167,500.00	129	\$1,167,500.00	95	\$528,327.48
	TITU Admin/Events	7	14	\$96,623.72	14	\$96,623.72	9	\$69,733.28
	TITU Payroll	6	9	\$119,592.26	9	\$119,592.26	8	\$108,080.58
	TITU Repairs	84	84	\$346,010.93	84	\$346,010.93	74	\$212,651.57
	Van Pool Agency CFP	1	0	\$0.00	0	\$0.00	0	\$0.00
	Van Pool Voucher	1	0	\$0.00	0	\$0.00	1029	\$30,870.00
Public Benefit	Alternative Fuel New Vehicle	25	14	\$236,241.13	25	\$427,525.97	9	\$172,909.30
Technology Advancement	Technology Advancement - RFP	3	0	\$0.00	0	\$0.00	1	\$19,795.00
VW NOx Mitigation	Replacement School Bus	445	0	\$0.00	0	\$0.00	0	\$0.00
	Replacement Shuttle Bus	10	0	\$0.00	0	\$0.00	0	\$0.00
	Replacement Transit Bus	54	0	\$0.00	0	\$0.00	0	\$0.00
Totals		2137	1264	\$16,382,866.23	1275	\$13,822,178.22	2118	\$18,839,493.44

Reductions from Executed Contracts (tons)				Smoking Vehicles	5
NOx	PM	ROG	Total		

Operations Overview

- Completed 3,082 inspections in October, and 210 NOV's were issued. Mutual settlement case completions totaled 190.
- Received 360 permit applications in October, and 189 permits were issued.
- Received 251 environmental documents in October.

November District Activities

Outreach and Communications

- In November, the District partnered with CARB to unveil one of many electric vehicle car-sharing locations being made available to the public in disadvantaged communities

throughout the San Joaquin Valley, thanks in part to funding from California Climate Investments (CCI). For more information on CCI, visit www.caclimateinvestments.ca.gov.

- 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
- In November, District staff responded to 10 media calls, 58 public calls, and 43 emails, and attended five event/presentations.

Grants and Incentive Programs

- In November, the District received 1329 incentive program applications. 545 were for the Burn Cleaner Wood Stove Change-Out Program and 191 were for the Heavy Duty Engine Program.
- In November, \$7,705,649.01 was placed under contract in the Heavy Duty Engine Program and 373 claims were paid.
- In November, \$2,367,806.18 was paid out in Light Duty and REMOVE II program claims.
- In November, \$258,950.00 was paid in Burn Cleaner program claims and 156 claims were processed.

Key	Program	November 2019	Grants Offered		Grants Executed		Amount Paid	
		Applications	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
Bicycle Infrastructure	Bike Path Class I, II, or III	0	0	\$0.00	0	\$0.00	2	\$124,136.00
Burn Cleaner	Burn Cleaner - Wood Stove Change Out	545	686	\$1,653,500.00	686	\$1,653,500.00	156	\$258,950.00
Commuter Subsidy	Transit Bus Subsidy	0	0	\$0.00	0	\$0.00	2	\$14,631.00
CAP & Trade	Demonstration - Cargo Handling	0	0	\$0.00	1	\$849,050.00	0	\$0.00
Heavy Duty	Ag Burn Alternative	34	35	\$791,880.00	35	\$791,880.00	8	\$250,740.00
	Ag Engine Alt Fuel to Electric	1	1	\$28,000.00	1	\$28,000.00	2	\$47,500.00
	Ag Engine Diesel to Diesel	0	8	\$138,190.00	0	\$0.00	3	\$56,160.00
	Ag Engine Diesel to Electric	3	0	\$0.00	2	\$103,000.00	0	\$0.00
	Ag UTV	1	0	\$0.00	0	\$0.00	247	\$2,789,152.03
	Dairy Feed Mixer Electrification	1	0	\$0.00	1	\$916,854.02	0	\$0.00

	Locomotive	0	0	\$0.00	0	\$0.00	3	\$6,198,846.90
	Off-Road Ag Vehicle Replacement	59	104	\$4,920,411.76	109	\$4,892,101.58	74	\$4,723,114.29
	Off-Road Ag Vehicle Replacement 2 for 1	0	0	\$0.00	0	\$0.00	5	\$1,709,039.59
	Off-Road Low-Dust Harvester Replacement	1	0	\$0.00	0	\$0.00	4	\$384,594.32
	Off-Road Tractor Trade-Up	14	0	\$0.00	0	\$0.00	0	\$0.00
	On-Road Ag Truck Replacement	0	15	\$1,242,009.70	9	\$890,691.54	1	\$102,674.65
	On-Road New Purchase	4	8	\$160,000.00	0	\$0.00	1	\$10,000.00
	On-Road Trade-Up	0	0	\$0.00	10	\$500,000.00	0	\$0.00
	On-Road Truck Repair Pilot	17	0	\$0.00	0	\$0.00	3	\$6,835.86
	On-Road Truck Replacement	45	12	\$425,157.55	12	\$586,886.24	15	\$525,237.34
	On-Road Prop 1B Vehicle Replacement	0	0	\$0.00	0	\$0.00	1	\$100,000.00
	On-Road TVP Vehicle Replacement	0	0	\$0.00	0	\$0.00	6	\$210,000.00
	School Bus Vehicle Replacement	11	0	\$0.00	1	\$400,000.00	0	\$0.00
Lawn & Garden	Commercial Replacement	19	36	\$135,296.15	36	\$135,296.15	8	\$37,882.48
	Residential New Purchase	22	26	\$1,518.12	26	\$1,518.12	52	\$2,400.00
	Residential Replacement	24	34	\$7,589.99	34	\$7,589.99	90	\$19,224.99
Light Duty	Charge Up - Private	2	1	\$50,000.00	1	\$50,000.00	6	\$109,469.00
	Charge Up - Public	13	4	\$145,000.00	4	\$145,000.00	0	\$0.00
	Drive Clean - EV Vehicle Rebate	196	259	\$709,712.21	259	\$709,712.21	366	\$1,004,190.10
	EFMP Replacement	134	120	\$1,082,479.44	120	\$1,082,479.44	122	\$852,117.48
	E-Mobility Trip Reduction	1	0	\$0.00	0	\$0.00	0	\$0.00
	TITU Admin/Events	9	3	\$18,609.14	3	\$18,609.14	9	\$58,905.68
	TITU Payroll	8	4	\$49,665.36	4	\$49,665.36	5	\$61,177.04
	TITU Repairs	44	44	\$196,148.83	44	\$196,148.83	70	\$277,896.88
Van Pool Agency CFP	6	5	\$4,050.00	5	\$4,050.00	5	\$4,050.00	
Public Benefit	Alternative Fuel New Vehicle	11	2	\$40,000.00	6	\$87,944.06	31	\$595,389.04
	Alt-Fuel Training	0	0	\$0.00	0	\$0.00	2	\$17,250.00

	Community Improvement - Vehicle Use Reduction	0	0	\$0.00	1	\$1,843,572.36	0	\$0.00
VW NOx Mitigation	Replacement School Bus	64	0	\$0.00	0	\$0.00	0	\$0.00
	Replacement Shuttle Bus	5	0	\$0.00	0	\$0.00	0	\$0.00
	Replacement Transit Bus	35	0	\$0.00	0	\$0.00	0	\$0.00
	Totals	1329	1407	\$11,799,218.25	1410	\$15,943,549.04	1299	\$20,551,564.67

Reductions from Executed Contracts (tons)			
NOx	PM	ROG	Total
735	572	171	1,478

Smoking Vehicles	1
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Operations Overview

- Completed 1,903 inspections in November, and 235 NOVs were issued. Mutual settlement case completions totaled 164.
- Received 146 permit applications in November, and 183 permits were issued.
- Received 204 environmental documents in November.

Upcoming Meetings

Governing Board*

9:00 AM, Feb. 20

Citizens Advisory Committee*

10:00 AM, March 3

Environmental Justice Advisory Group

5:30 PM, Feb. 27

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

Details: www.valleyair.org

*Webcast