

District Highlights

October 19, 2017 Actions by the Governing Board

District Approves \$4 million in Grants for Electric Feeding Operations for Valley Dairies

The Valley Air District Governing Board approved a pilot program aimed at reducing emissions associated with feeding operations at Valley dairies and other confined animal feeding operations. Based on a successful demonstration project, the District partnered with Valley agricultural stakeholders to design a voluntary incentive program to convert several elements of existing feeding operations from diesel power to electricity with the objective of further demonstrating that diesel emissions could be significantly reduced at dairies in a cost-effective manner. A majority of the emission reductions are expected to be achieved through the elimination of large agricultural tractors used thousands of hours per year to pull power take off (PTO) driven feed mixers in favor of a new electric feed mixing systems. With the Governing Board's approval, the District allocated \$4,000,000 in District incentive funds to fund this pilot program and work closely with the agricultural industry on broad program outreach.

District Approves Enhancements to Charge Up! Electric Vehicle Charger Incentives

The Valley Air District Governing Board approved several enhancements to the District's innovative Charge Up! Electric Vehicle Charger Incentive Program. Based on the experience gained in operating this successful program for the past two years, these enhancements are aimed at further increasing efficiency and broadening public access. In addition, the enhancements approved by the Board will also position the District to leverage new funding and programs supported by other entities aimed at expanding electric vehicle charging infrastructure in the San Joaquin Valley. Enhancements to the program include shifting to a more streamlined voucher-based approval system and adding a new funding category to provide incentives for the installation of workplace charging at Valley businesses.

District Accepts \$2,999,800 in State Cap and Trade Funds for Two Innovative Valley Car Sharing and Clean Mobility Projects

The Valley Air District Governing Board accepted \$2,999,800 in state Cap and Trade funds to administer two innovative car-sharing and clean mobility projects in disadvantaged communities throughout the San Joaquin Valley. As part of the District's ongoing efforts to secure the Valley's fair share of Cap and Trade funds, the District submitted two proposals in response to ARB's competitive solicitation for car-sharing and clean mobility projects. The District was awarded funding for both projects, representing more than one-third of the total funding available under this solicitation. The two projects selected include \$2,250,000 in funding for an innovative ride-sharing program utilizing electric vehicles, with associated charging infrastructure as well as \$749,800 for a zero-emission vanpool program, coupled with e-bike deployment in disadvantaged communities surrounding several Valley universities. Both projects include strong, targeted outreach components that will ensure broad access to these important programs.

Board Provides Guidance for District's Support of Citizens Using Personal Air Sensors in the San Joaquin Valley

The District Governing Board provided direction to staff to develop and provide educational materials and guidance for use by Valley citizens interested in using personal air quality sensors.

Air monitoring sensor technology has been developing at a rapid pace over recent years, increasing the number of analyzers that the general public can use to measure ozone, particulate matter, or other pollutants at their own home or business. In addition, these sensor technologies are becoming more affordable, making them more accessible to Valley citizens who wish to conduct personal air monitoring. Although these low cost sensors provide a number of options for citizens to become more involved in measuring localized air quality, there are a number of important aspects that must be considered when operating these sensors, including the proper installation and operation of the equipment, as well as how to interpret and use the data that they collect. As needed, the District will engage with these citizens and community groups to ensure that their personal air sensor monitoring activities are conducted properly, and that their results interpreted within the correct context.

August District Activities

Outreach and Communications

- The District spent August launching the new Healthy Air Living Campaign via commercials and billboards, and spent time on the redesign of the current Valley Air app, improving and getting it ready for RAAN 3. The District was also gearing up for the in house HAL program.
- In August, District staff responded to 13 media calls and 43 public calls and 23 emails, issued five news releases and attended 3 event/presentations.

Grant and Incentive Programs

- In August, the District received 578 incentive program applications. 155 were for the Wood Stove Change-Out Program and 104 were for the Heavy Duty Engine Program.
- In August, \$3,818,257.77 was placed under contract in the Heavy Duty Engine Program and 176 claims were paid.
- In August, \$868,680.56 was paid out in REMOVE II program claims.
- In August, \$121,637.28 was paid in Burn Cleaner program claims and 72 claims were processed.

Key	August 2017	Applications	Grants Offered		Grants Executed		Amount Paid	
	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	155	118	\$188,500.00	118	\$188,500.00	72	\$121,637.28
Heavy Duty	Ag Engine	0	2	\$13,746.91	2	\$32,580.00	5	\$53,381.29
	Forklift	0	0	\$0.00	1	\$9,603.27	3	\$24,173.01
	Locomotive	1	0	\$0.00	0	\$0.00	0	\$0.00
	Off-Road	57	26	\$1,826,984.05	65	\$5,296,353.68	58	\$2,172,350.35
	On-Road	1	0	\$0.00	0	\$0.00	0	\$0.00
	On-Road Prop 1B	1	0	\$0.00	0	\$0.00	0	\$0.00
	On-Road TVP	44	48	\$1,977,526.81	49	\$2,977,526.81	61	\$1,996,008.33
	School Bus Replacement	0	0	\$0.00	0	\$0.00	6	\$479,501.06

	School Bus Retrofit	0	0	\$0.00	1	\$236,987.05	42	\$129,199.69
	School Bus Tank Replacement	0	0	\$0.00	0	\$0.00	1	\$17,743.80
Lawn Garden	Lawn Mower Replacement	33	42	\$9,170.55	42	\$9,170.55	47	\$10,450.00
Public Benefit	Public Benefit - Advance Transit & Transportation	0	0	\$0.00	0	\$0.00	1	\$2,267,330.28
Public Benefit	Alt-Fuel	2	1	\$60,448.64	8	\$537,844.36	18	\$255,219.00
	Public Benefit - Airport Dust Control Project	0	0	\$0.00	0	\$0.00	1	\$80,926.12
Remove II	Car Crushing	59	62	\$403,119.28	62	\$401,906.39	63	\$341,748.99
	Charge Up	12	3	\$62,000.00	4	\$48,737.80	15	\$90,000.00
	VVIP - Commuter Subsidy	67	2399	\$71,970.00	2399	\$71,970.00	1,906	\$57,180.00
	E-Mobility	0	0	\$0.00	0	\$0.00	3	\$25,751.57
	Drive Clean - Light and Medium Duty	146	127	\$345,944.78	127	\$345,944.78	130	\$354,000.00
Technology Advancement	Tech. Advance Program	0	0	\$0.00	0	\$0.00	2	\$147,710.04
	Totals	578	2828	\$4,959,411.02	2878	\$10,157,124.69	2,434	\$8,624,310.81

Reductions from Executed Contracts (tons)			
Nox	PM	ROG	Total
377	90	32	499

Smoking Vehicles	12
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Operations Overview

- Completed 3,187 inspections in August, and 182 NOVs were issued. Mutual settlement case completions totaled 159.
- Received 222 permit applications in August, and 195 permits were issued.
- Received 12 smoking vehicle reports in August.
- Received 218 environmental documents in August.

September District Activities

Outreach and Communications

- The District spent September educating the public on how to safe guard their health from forest fire smoke as well as defining the differences between the RAAN READ and AQI.

- In September, District staff responded to 3 media calls and 72 public calls and 26 emails, issued two news releases and attended 4 event/presentations.

Grant and Incentive Programs

- In September, the District received 555 incentive program applications. 167 were for the Wood Stove Change-Out Program and 100 were for the Heavy Duty Engine Program.
- In September, \$7,483,350.49 was placed under contract in the Heavy Duty Engine Program and 129 claims were paid.
- In September, \$686,147.16 was paid out in REMOVE II program claims.
- In September, \$132,878.48 was paid in Burn Cleaner program claims and 81 claims were processed.

Key	September 2017	Applications	Grants Offered		Grants Executed		Amount Paid	
	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	167	117	\$192,000.00	117	\$192,000.00	81	\$132,878.48
Heavy Duty	Ag Engine	2	0	\$0.00	1	\$7,108.78	4	\$213,303.53
	Off-Road	57	62	\$5,285,950.38	38	\$3,166,779.73	59	\$3,756,808.13
	On-Road	0	1	\$491,993.00	0	\$0.00	0	\$0.00
	On-Road Prop 1B	0	0	\$0.00	0	\$0.00	1	\$65,000.00
	On-Road TVP	40	28	\$1,180,735.15	28	\$1,180,735.15	50	\$1,490,695.85
	School Bus Replacement	1	3	\$484,973.00	1	\$91,544.29	11	\$911,481.62
	School Bus Retrofit	0	1	\$39,698.96	2	\$146,107.61	0	\$0.00
	School Bus Tank Replacement	0	0	\$0.00	2	\$35,823.67	4	\$71,095.91
Lawn Garden	Lawn Mower Replacement	34	21	\$4,099.62	21	\$4,099.62	32	\$6,520.17
Public Benefit	Alt-Fuel	2	2	\$131,533.04	6	\$2,193,354.47	6	\$120,000.00
Remove II	Bicycle Infrastructure	1	0	\$0.00	0	\$0.00	0	\$0.00
	Car Crushing	57	55	\$305,300.04	55	\$305,300.04	80	\$395,846.88
	Charge Up	0	2	\$37,000.00	2	\$37,000.00	4	\$24,000.00
	VVIP - Commuter Subsidy	58	2132	\$63,960.00	2132	\$63,960.00	1,221	\$36,600.00
	E-Mobility	1	0	\$0.00	0	\$0.00	1	\$2,755.50
	Drive Clean - Light and Medium Duty	135	123	\$324,000.00	123	\$324,000.00	85	\$226,944.78
Technology Advancement	Tech. Advance Program	0	0	\$0.00	0	\$0.00	3	\$128,867.63
	Totals	555	2547	\$8,541,243.19	2528	\$7,747,813.36	1,642	\$7,582,798.48

Reductions from Executed Contracts (tons)			
Nox	PM	ROG	Total
299	93	29	421

Smoking Vehicles	15
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Operations Overview

- Completed 2,107 inspections in September, and 174 NOVs were issued. Mutual settlement case completions totaled 114.
- Received 969 permit applications in September, and 131 permits were issued.
- Received 15 smoking vehicle reports in September.
- Received 214 environmental documents in September.

Upcoming Meetings

Gov. Board Meeting*
Dec. 21, 2017

Citizens Advisory Committee**
10:00 a.m. Feb. 6, 2018

Enviro. Justice Adv. Grp.
5:30 p.m. Feb. 22, 2018

Meetings are held in the Fresno office Governing Board Room and via video teleconference to the Modesto and Bakersfield offices. Details: www.valleyair.org

* Webcast