



**ANTELOPE VALLEY AIR QUALITY MANAGEMENT  
DISTRICT**

**GOVERNING BOARD  
REGULAR MEETING**

**AGENDA**

TUESDAY, OCTOBER 17, 2017  
10:00 A.M.

**LOCATION**

**AVAQMD District Office**  
43301 Division Street, Suite 206  
Lancaster, CA 93535  
661-723-8070

**BOARD MEMBERS**

Marvin Crist, Chair, City of Lancaster  
Ron Hawkins, Vice Chair, Los Angeles County  
Vern Lawson, Los Angeles County  
Ken Mann, City of Lancaster  
Steven Hofbauer, City of Palmdale  
Austin Bishop, City of Palmdale  
Newton Chelette, Public Member

**Call to Order – 10:00 a.m.**

Pledge of Allegiance.

Roll Call.

**Public Comments on any Agenda Item will be heard at the time of discussion of the Agenda Item. Public Comments not pertaining to Agenda Items will be heard during the PUBLIC COMMENT period, below.**

**1. PUBLIC COMMENT**

**CONSENT CALENDAR**

**The following consent items are expected to be routine and non-controversial and will be acted upon by the Board at one time without discussion unless a Board member, staff member or member of the public requests an item be held for discussion under DEFERRED ITEMS.**

2. Approve Minutes from Regular Governing Board Meeting of September 19, 2017.  
Presenter: Crystal Goree.
3. Monthly Activity Report. Receive and File. Presenter: Bret Banks.
4. Monthly Grant Fund Summary. Receive and File. Presenter: Bret Banks.
5. Approve payment to MDAQMD in the total amount of \$106,169.32, subject to availability of funds, for services provided during the month of August 2017.  
Presenter: Bret Banks.

**ITEMS FOR DISCUSSION**

**DEFERRED ITEMS**

**PUBLIC HEARINGS**

None.

**NEW BUSINESS**

6. 1) Award an amount not to exceed \$284,887 in Carl Moyer Program funds to Miller Equipment Company for the replacement of an older diesel motor grader with cleaner technology; and 2) Authorize the Executive Director/APCO and staff to negotiate final award based on available funds, target time frames and technical project details and execute an agreement, approved as to legal form by the Office of District Counsel.  
Presenter: Julie McKeehan.

7. 1) Award an amount not to exceed \$265,794 in Carl Moyer Program funds and Mobile Source Emissions Reduction Program funds to Antelope Valley Transit Authority (AVTA) for the replacement of a diesel-fueled transit bus with an all-electric transit bus; and 2) Authorize the Executive Director/APCO and staff to negotiate target time frames and technical project details, and execute an agreement, approved as to legal form by the Office of District Counsel. Presenter: Julie McKeehan.
8. 1) Award an amount not to exceed \$98,581 in Carl Moyer Program funds to New West Metals for the replacement of an older diesel tractor with cleaner technology; and 2) Authorize the Executive Director/APCO and staff to negotiate target time frames and technical project details, and execute an agreement, approved as to legal form by the Office of District Counsel. Presenter: Julie McKeehan.
9. 1) Award an amount not to exceed \$50,000 in Carl Moyer Program funds to High Desert Dairy for the replacement of an older diesel chopper with cleaner technology; and 2) Authorize the Executive Director/APCO and staff to negotiate target time frames and technical project details and execute an agreement, approved as to legal form by the Office of District Counsel. Presenter: Julie McKeehan.
10. 1) Award an amount not to exceed \$49,600 in Carl Moyer Program funds to Nick Van Dam Farms for the replacement of one (1) older diesel-powered tractor with newer, cleaner technology; and 2) Authorize the Executive Director/APCO and staff to negotiate target time frames and technical project details, and execute an agreement, approved as to legal form by the Office of District Counsel. Presenter: Julie McKeehan.
11. 1) Award an amount not to exceed \$48,436 in Carl Moyer Program funds to AV Farming to replace an older diesel-powered farm equipment with cleaner technology; and 2) Authorize the Executive Director/APCO and staff to negotiate target time frames and technical project details, and execute an agreement, approved as to legal form by the Office of District Counsel. Presenter: Julie McKeehan.

## **PRESENTATION**

12. 2017 Mobile Source & Grants Committee Symposium AVAQMD Presentation Highlights and Updates. Presenter: Julie McKeehan.

## **ADMINISTRATIVE ITEMS**

13. Reports:

Governing Board Counsel.

Executive Officer/APCO, Staff.

14. Board Member Reports and Suggestions for Future Agenda Items.

Adjourn to Regular Governing Board Meeting of Tuesday, December 19, 2017.  
(Dark November)

If you challenge any decision regarding any of the listed proposals in court, you may be limited to raising only those issues you or someone else raised during the public testimony period regarding that proposal, or in written correspondence delivered to the Governing Board at, or prior to, the public hearing.

Due to time constraints and the number of persons wishing to give oral testimony, time restrictions may be placed on oral testimony regarding the above proposals. You may wish to make your comments in writing to assure that you are able to express yourself adequately.

*In compliance with the Americans with Disabilities act, if special assistance is needed to participate in the Board Meeting, please contact the Administrative Secretary during regular business hours at 661-723-8070, ext. 1. Notification received 48 hours prior to the meeting will enable the District to make reasonable accommodations.*

I hereby certify, under penalty of perjury, that this agenda has been posted 72 hours prior to the stated meeting in a place accessible to the public. Copies of this agenda and any or all additional materials relating thereto are available at the District Office at 43301 Division Street, Suite 206, Lancaster, CA 93535 or by contacting the Administrative Secretary at 661-723-8070, ext. 1 or by email at [cgoree@avaqmd.ca.gov](mailto:cgoree@avaqmd.ca.gov)

**Mailed & Posted on: Wednesday, 10/11/17.**

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Crystal Goree, Administrative Secretary

**ANTELOPE VALLEY AIR QUALITY MANAGEMENT DISTRICT  
GOVERNING BOARD**

**\*\*\*\*NOTICE OF REGULAR MEETING\*\*\*\***

**NOTICE IS HEREBY GIVEN that the Governing Board of the Antelope Valley Air Quality Management District (District) will conduct a Regular Meeting on Tuesday, October 17, 2017 at 10:00 a.m.**

**SAID MEETING will be conducted in the Antelope Valley Air Quality Management District Offices Conference Room, 43301 Division Street, Suite 206, Lancaster, California, 93535. Interested persons may attend and submit oral and/or written comments/statements at the meeting. It is requested that written comments/statements be submitted prior to the meeting.**

**A copy of the Agenda will be duly posted and may also be reviewed at the office of the Antelope Valley Air Quality Management District, 43301 Division Street, Suite 206, Lancaster, California 93535.**

**ANTELOPE VALLEY AIR QUALITY MANAGEMENT DISTRICT  
GOVERNING BOARD**

**CRYSTAL GOREE  
ADMINISTRATIVE SECRETARY  
PHONE: (661) 723-8070, Ext. 1.**

Mailed and Posted: **Wednesday, 10/11/17**  
**DATE**

**ANTELOPE VALLEY AIR QUALITY MANAGEMENT DISTRICT  
GOVERNING BOARD MEETING  
TUESDAY, SEPTEMBER 19, 2017  
ANTELOPE VALLEY DISTRICT OFFICE  
LANCASTER, CA**

**MINUTES**

Board Members Present:

Marvin Crist, Chair, City of Lancaster  
Ron Hawkins, Vice Chair, Los Angeles County  
Steve Hofbauer, City of Palmdale  
Austin Bishop, City of Palmdale  
Vern Lawson, Los Angeles County  
Ken Mann, City of Lancaster  
Newton Chelette, Public Member

**CALL TO ORDER**

Chair Crist called the meeting to order at 10:00 a.m. Board Member **CHELETTE** led the Pledge of Allegiance. Roll call was taken.

**Agenda Item #1 - Presentation of the 2016-2017 William J. "Pete" Knight Memorial AIRE Award.**

Chair Crist provided background information on the AIRE Awards. Bret Banks, Executive Officer/APCO, presented the 2016/2017 William J. "Pete" Knight Memorial AIRE (Achievement in Reducing Emissions) Award to Joe Walker Middle School STEALTH Academy in Quartz Hill for developing an app which uses a wristband to help students with asthma to track and manage key physical symptoms and avert medical emergencies. The AIRE Award and Certificate of Recognition from Senator Knight's Office was accepted by Virginia Irvin, Teacher, Steve Wood, Principal and Regina Rossall, Superintendent, Westside School District.

(5 Minute Break)

**PUBLIC COMMENT**

**Agenda Item #2**

None.

## **CONSENT CALENDAR**

### **Agenda Item #3 - Approve Minutes from Regular Governing Board Meeting of August 15, 2017.** Presenter: Crystal Goree.

Upon Motion by MANN, Seconded by HOFBAUER, and carried unanimously, the Board **Approved** Minutes from Regular Governing Board Meeting of August 15, 2017.

**Agenda Item #4 – Monthly Activity Report. Receive and file.** Presenter: Bret Banks.  
Upon Motion by MANN, Seconded by HOFBAUER, and carried unanimously, the Board Received and Filed Monthly Activity Report.

### **Agenda Item #5 – Monthly Grant Fund Summary. Receive and file.**

Presenter: Bret Banks.

Upon Motion by MANN, Seconded by HOFBAUER, and carried unanimously, the Board Received and Filed Monthly Grant Fund Summary.

### **Agenda Item #6 - Approve payment to MDAQMD in the total amount of \$109,804.44, subject to availability of funds, for services provided during the month of July 2017.** Presenter: Jean Bracy.

Upon Motion by MANN, Seconded by HOFBAUER, and carried unanimously, the Board approved payment to MDAQMD in the total amount of \$109,804.44, subject to availability of funds, for services provided during the month of July 2017.

## **ITEMS FOR DISCUSSION**

### **DEFERRED**

None.

## **PUBLIC HEARINGS**

### **Agenda Item #7 - Conduct a continued public hearing to consider the amendment of Rule 462 – Organic Liquid Loading: a. Open public hearing; b. Receive staff report; c. Receive public testimony; d. Close public hearing; e. Make a determination that the CEQA Categorical Exemption applies; f. Waive reading of Resolution; g. Adopt Resolution making appropriate findings, certifying the Notice of Exemption, amending Rule 462 – Organic Liquid Loading and directing staff actions.**

Presenter: Barbara Lods.

Chair Crist reopened Public Hearing. Barbara Lods shared background information, staff recommendation and answered questions from Chair Crist. Chair Crist solicited public comment. There was no public comment. Chair Crist closed Public Hearing. Upon Motion by HOFBAUER, Seconded by MANN, and carried unanimously, the Board received staff report, made a determination that the CEQA Categorical Exemption applies, waived reading of Resolution and adopted Resolution #17-06, making appropriate findings, certifying the Notice of Exemption, amending Rule 462 – Organic Liquid Loading and directing staff actions.

## **NEW BUSINESS**

### **Agenda Item #8 - Receive, file and direct staff action regarding the report provided by Larry Rottman of Rottman Drilling Company.** Presenter: Bret Banks.

Bret Banks shared background information. Mr. Banks introduced Larry Rottman. Mr. Rottman addressed the Board regarding issues impacting Rottman Drilling Company. Mr. Rottman provided information on Tier 4 engines, stating that they are not designed to meet industry requirements. Mr. Rottman also discussed diesel particulate filters and the associated risks. Mr. Rottman answered questions from the Board. Discussion ensued. Chair Crist directed Bret Banks to write a letter to CARB, recommending that they address and take action regarding the safety concerns raised by Mr. Rottman. Upon Motion by BISHOP, Seconded by MANN and carried unanimously, the Board received, filed and directed staff action regarding the report provided by Larry Rottman.

### **Agenda Item #9 - Appoint a Board member, one from each organization: the City of Lancaster, Los Angeles County 5<sup>th</sup> District representative and the City of Palmdale to create an Executive Committee of the Governing Board to serve for the remainder of calendar year 2017.** Presenter: Bret Banks.

Bret Banks shared background information and staff recommendation. Chair Crist provided further information regarding the forming of the Committee. Upon Motion by MANN, Seconded by HAWKINS and carried unanimously, the Board selected Board Members CRIST, BISHOP and LAWSON to the newly formed Executive Committee of the Governing Board.

### **Agenda Item #10 – Authorize the District staff proposed revised language to the District’s Carl Moyer Program Policies and Procedures Manual, Section X “Application Review/Evaluation/Project Selection” pursuant to the current Carl Moyer Program Guidelines and as to approved form by the Office of District Counsel.** Presenter: Bret Banks.

Bret Banks shared background information, staff recommendation and answered questions from the Board. Discussion ensued. Upon Motion by LAWSON, Seconded by CHELETTE and carried unanimously, the Board authorized the District staff proposed revised language to the District’s Carl Moyer Program Policies and Procedures Manual, Section X “Application Review/Evaluation/Project Selection” pursuant to the current Carl Moyer Program Guidelines and as to approved form by the Office of District Counsel.

### **Agenda Item #11 - 1) Award an amount not to exceed \$17,218 in Mobile Source Emission Reductions Program (AB 923) funds to the City of Palmdale toward the purchase and installation of Electric Vehicle Charging Stations in part with Southern California Edison’s Charge Ready Program Pilot Project; and 2) Authorize the Executive Director/APCO and staff to negotiate target time frames and technical project details and execute an agreement, approved as to legal form by the Office of District Counsel.** Presenter: Julie McKeehan.

Julie McKeehan shared background information and staff recommendation. Upon Motion by BISHOP, Seconded by HOFBAUER and carried unanimously, the Board awarded an amount not to exceed \$17,218 in Mobile Source Emission Reductions Program (AB 923) funds to the City of Palmdale toward the purchase and installation of



Electric Vehicle Charging Stations in part with Southern California Edison's Charge Ready Program Pilot Project; and authorized the Executive Director/APCO and staff to negotiate target time frames and technical project details and execute an agreement, approved as to legal form by the Office of District Counsel.

**Agenda Item #12 - 1) Award an amount not to exceed \$16,000 in Mobile Source Emission Reductions Program (AB 923) funds to Antelope Valley Schools Transportation Agency for a Compressed Natural Gas (CNG) tank replacements; and 2) Authorize the Executive Director/APCO and staff to negotiate target time frames and technical project details and execute an agreement, approved as to legal form by the Office of District Counsel.** Presenter: Julie McKeehan.

Julie McKeehan shared background information and staff recommendation.

Upon Motion by HOFBAUER, Seconded by MANN and carried unanimously, the Board awarded an amount not to exceed \$16,000 in Mobile Source Emission Reductions Program (AB 923) funds to Antelope Valley Schools Transportation Agency for a Compressed Natural Gas (CNG) tank replacements; and authorized the Executive Director/APCO and staff to negotiate target time frames and technical project details and execute an agreement, approved as to legal form by the Office of District Counsel.

**Agenda Item #13 - 1) Award an amount not to exceed \$9,253 in Carl Moyer Program and Mobile Source Emission Reductions Program (AB 2766) funds to Antelope Valley Fair Association to replace older gasoline-powered carts with new electric carts; and 2) Authorize the Executive Director/APCO and staff to negotiate target time frames and technical project details and execute an agreement, approved as to legal form by the Office of District Counsel.**

Presenter: Julie McKeehan.

Julie McKeehan shared background information and staff recommendation. Board Member BISHOP recused himself. Upon Motion by MANN, Seconded by HAWKINS and carried, the Board awarded an amount not to exceed \$9,253 in Carl Moyer Program and Mobile Source Emission Reductions Program (AB 2766) funds to Antelope Valley Fair Association to replace older gasoline-powered carts with new electric carts; and authorized the Executive Director/APCO and staff to negotiate target time frames and technical project details and execute an agreement, approved as to legal form by the Office of District Counsel.

**Agenda Item #14 - 1) Amend grant award of up to \$37,748 in Carl Moyer Program and Mobile Source Emission Reductions Program (AB 2766) funds to American Plumbing Services to be funded solely with Mobile Source Emissions Reduction Program (AB 2766) funds; and 2) Amend the replacement of an older light-heavy duty diesel vehicle with new, Compressed Natural Gas (CNG) engine technology to be with B20 biofuel engine technology; and 3) Authorize the Executive Director/APCO and staff to negotiate target time frames and technical project details and execute an agreement, approved as to legal form by the Office of District Counsel.** Presenter: Bret Banks.

Bret Banks shared background information and staff recommendation. Board Member BISHOP recused himself. Upon Motion by CHELETTE, Seconded by MANN and carried, the Board amended grant award of up to \$37,748 in Carl Moyer Program and Mobile Source Emission Reductions Program (AB 2766) funds to American

Plumbing Services to be funded solely with Mobile Source Emissions Reduction Program (AB 2766) funds; and amended the project approved by the Governing Board during the May 2017 meeting to replace an older light-heavy duty diesel vehicle with a new, Compressed Natural Gas (CNG) engine with B20 biofuel engine technology; and authorized the Executive Director/APCO and staff to negotiate target time frames and technical project details and execute an agreement, approved as to legal form by the Office of District Counsel.

## **ADMINISTRATIVE ITEMS**

### **Agenda Item #10 - Reports**

Governing Board Counsel – None.

Executive Director/APCO:

Bret Banks reported that Julie McKeehan gave an overview presentation of the AVAQMD Grant Program at the 2017 California Air Pollution Control Officers Association's Mobile Source & Grants Committee Symposium.

Mr. Banks informed the Board that AVAQMD staff will coordinate with Los Angeles County Department Public Health to provide a Governing Board presentation on Valley Fever.

Mr. Banks reported that EPA Region IX staff will hold a Public Hearing on the proposed Prevention of Significant Deterioration Permit for the Palmdale Energy Project on Thursday September 21, 2017 from 7:00 – 8:30 pm at the Steve Owen Memorial Park in Lancaster.

The meeting was adjourned at 11:10 a.m. to the next regularly scheduled Governing Board Meeting, Tuesday, October 17, 2017.

## Item # 3 - Monthly Activity Report – September 2017

	<u>Sept 2017</u>	<u>Sept 2016</u>	<u>YTD (7/1/18)</u>
Complaints	1	9	4
Complaint Investigations	1	9	4
Asbestos Notifications	8	11	19
Asbestos Inspections	0	0	0
Permit Inspections	87	80	297
Permit Inspections in Compliance (%)	100	96	100
Notice of Violation (NOV)	1	2	2

### \*Outstanding NOVs

- AV00000187, Issued 02/2016
- AV00000207, Issued 06/2017
- AV00000208, Issued 07/2017
- AV00000209, Issued 10/2017

**Number of Active Companies: 282**  
**Number of Active Facilities: 510**  
**Number of Active Permits: 1,073**

### Project Comment Letters – September 2017

**Attached**

AVAQMD CEQA PROJECTS						
BOARD MEETING						
10/17/2017						
Date Rec'd	Location	Project Name	Description	Comment	Date Due	Date Sent
09/05/2017	LAC	Neenach Solar 1B South LLC	CUP 201500031-1.5-2.0 mw PV solar project on 18 acres of a 40-acre parcel located near the community of Neenach at the northwestern intersection of Avenue A-8 and 265th West	Dust plan, CARB registered equipment	10/16/2017	10/04/2017
9/25/2017	Lancaster	Antelope North Solar Project	CUP 17-10 72 MW PV generating facility on 430 acres generally bounded by Ave D-8, Ave G, 100th St West and 110th Street West	No Comment on NOP of Draft EIR. Comment submitted on project 06/17/2017	10/27/2017	n/a
9/25/2017	Palmdale	Palmdale Transit Oriented Development Framework Plan	Framework plan and the proposed location for the City's future High Speed Rail station.	No Comment	11/8/2017	n/a



**AB 923 PROJECT FUNDS**

<i>Action Date</i>	<i>Project Name</i>	<i>Approved Action</i>
Apr-15	Calandri SonRise Farms ERP Project #3 AV0415#8	-78372.75 paid
Apr-15	2016 Lawn Mower Exchange Program	-11200.00 paid
May-15	Gene Wheeler Farms ERP Project #2 AV0515#10	-142010.00 paid
Aug-15	VAVR Program - Projects & Admin. to EES AV0815#6	-60000.00 paid
Nov-15	Calandri SonRise Farms Repower Project #4 AV1115#9	-116471.00 paid
Jan-16	Antelope Valley Farming ERP Project #1 AV0116#8	-181530.00 paid
Mar-16	Ebee Streetlight EV Charging Project AV0316#10	-25000.00 pending
Apr-16	VAVR Program - Admin to EES AV0416#10	-60000.00 paid
Apr-16	2016 Lawn Mower Exchange Program	-11200.00 paid
Aug-16	Calandri SonRise Farms Harvesting Project AV0816#8	-406,065.00 partial paid
Oct-16	Antelope Valley Farming ERP Project #2 AV1016#10	-12,940.38 paid
Dec-16	AVSTA CNG Tank Replacement AV1216#11	-63,377.00 paid
Dec-16	SCE Charge Ready Pilot Project AV1216#10	-48,819.20 pending
Feb-17	City of Pamdale Vanpool/Infrastructure Project AV0117#12	-164,928.00 pending
Feb-17	City of Lancaster Vanpool/Infrastructure Project AV0117#11	-61,925.00 pending
Mar-17	2017 Lawn Mower Exchange Program AV0317#10	-10,730.00 pending
Jul-17	Palmdale Water District EV Charging Project AV0717#9	-18520.00 pending
Sep-17	City of Palmdale/SCE EV Charging Project AV0917#11	-17218.00 pending
Sep-17	AVSTA CNG Tank Replacement AV0917#12	-16000.00 pending

**AB 923 PROJECTS CURRENT BALANCE**

<i>Action Date</i>	<i>Project Name</i>	<i>Pending Action</i>
Oct-17	AV Farming ERP Project #1 AV1017#	-38,622.00
Oct-17	AVTA Electric Transit Bus Project AV1017#	-207,387.32

**AB 923 PROJECTS BALANCE PENDING APPROVAL**

**\$0.00**

**CARL MOYER PROGRAM PROJECT FUNDS**

<i>Action Date</i>	<i>Project Name</i>	<i>Approved Action</i>
<b>Mar-15</b>	<b>Carl Moyer Prog. Funds Year 17 (FY 14-15)</b>	<b>637511.00</b> recv'd
<b>Mar-15</b>	<b>Carl Moyer Interest (FY 13-14) added to Year 17</b>	<b>834.45</b> recv'd
Apr-15	Calandri SonRise Farms ERP Project #3 AV0415#8	-284211.25 paid
Apr-15	High Desert Dairy ERP Project #3 AV0415#7	-134239.00 paid
Nov-15	Bill's Landscaping ERP Project #1 AV1115#7	-78873.00 paid
Nov-15	Gall Brothers Engineering ERP Project #1 AV1115#8	-138715.00 paid
<b>Feb-16</b>	<b>MDAQMD Year 16 Transfer AV0216#7</b>	<b>324480.00</b> recv'd
Mar-16	High Desert Dairy ERP Project #4 AV0316#8	-139,224.00 paid
Mar-16	Calandri SonRise Farms ERP Project #5 AV0316#9	-83,983.00 paid
<b>Mar-15</b>	<b>Carl Moyer Prog. Funds Year 18 (FY 15-16)</b>	<b>659588.00</b> recv'd
<b>Mar-15</b>	<b>Carl Moyer Interest (FY 14-15) added to Year 18</b>	<b>1573.18</b> recv'd
Apr-16	Lane Ranch & Co. ERP Project AV0416#8	-99,989.56 paid
Apr-16	Bill's Landscaping ERP Project #2 AV0416#9	-79,916.00 paid
Jun-16	Calandri SonRise Farms Forklift Project #6 AV0616#8	-60,985.00 paid
Jun-16	Antelope Valley Fair Assoc. Forklift Project AV0616#9	-51,460.00 paid
Jul-16	Bolthouse ERP Project AV0716#11	-18,927.00 paid
Jul-16	South Pac Industries ERP Project AV0716#9	-181,114.00 paid
Sep-16	High Desert Dairy ERP Project #4 AV0916#9	-158,663.00 paid
Sep-16	Gall Brothers Engineering ERP Project #2 AV0916#10	-77,896.00 paid
Oct-16	Antelop Valley Farming ERP Project #2 AV1016#10	-34,943.62 paid
<b>Apr-17</b>	<b>Carl Moyer Prog. Funds Year 19 (FY 16-17)</b>	<b>669,301.00</b> recv'd
<b>Apr-17</b>	<b>Carl Moyer Interest (FY 15-16 &amp; FY 16-17) added to Year 19</b>	<b>7,375.00</b> recv'd
May-17	AV Fair Assoc. AV0517#9	-15,130.00 pending
Jun-17	High Desert Dairy ERP Project #6 AV0617#12	-170,159.00 pending

**CARL MOYER PROJECTS CURRENT BALANCE**

<i>Action Date</i>	<i>Project Name</i>	<i>Pending Action</i>
Oct-17	AV Farming ERP Project #1 AV1017#	-9,814.00
Oct-17	Miller Equipment ERP Project #1 AV1017#	-284,887.00
Oct-17	New West Metals ERP Project #1 AV1017#	-98,581.00
Oct-17	High Desert Dairy ERP Project #7 AV1017#	-50,000.00
Oct-17	Nick Van Dam Farms ERP Project #1 AV1017#	-49,600.00

**CARL MOYER PROJECTS BALANCE PENDING APPROVAL**

**\$0.00**

**MINUTES OF THE GOVERNING BOARD  
OF THE ANTELOPE VALLEY AIR QUALITY MANAGEMENT DISTRICT  
LANCASTER, CALIFORNIA**

*AGENDA ITEM 5*

**DATE:** October 23, 2017

**RECOMMENDATION:** Approve payment to MDAQMD in the total amount of \$106,169.32, subject to availability of funds, for services provided during the month of August 2017.

**SUMMARY:** The District contracts for services with MDAQMD; invoices for services are presented for payment.

**CONFLICT OF INTEREST:** None

**BACKGROUND:** Key expenses are staff; six positions are assigned to the local office. June 30 Financial Reports are in development following the completion of the annual fiscal audit. Staff will be available to answer questions as needed.

This payment request represents services rendered for August 2017 in the amount of \$106,169.32, including amounts accrued for services rendered or supplies purchased but not yet billed or paid this fiscal year.

**REASON FOR RECOMMENDATION:** The AVAQMD Governing Board must authorize all payments to the MDAQMD.

**REVIEW BY OTHERS:** This item was reviewed by Allison Burns, Special Counsel as to legal form; and by Bret Banks, Executive Director/APCO, on or before October 4, 2017.

**FINANCIAL DATA:** The contract and direct expenditure amounts are part of the approved District budget for FY 17. No change in appropriations is anticipated as a result of the approval of this item.

**PRESENTER:** Bret Banks, Executive Director/APCO

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cc: Jean Bracy  
Laquita Cole  
Michelle Powell





**Mojave Desert AQMD**  
 14306 Park Avenue  
 Victorville, CA 92392  
 760.245.1661

Due Date **DUE UPON RECEIPT**  
 Invoice Date **8/31/2017**  
 Invoice Number **41695**

# INVOICE

<b>Bill To :</b>
<b>ANTELOPE VALLEY AQMD</b> <b>43301 DIVISION ST. SUITE 206</b> <b>LANCASTER, CA 93535</b>
<b>Company ID 10193</b>

FY18	Amount	
Program Staff	91,666.67	
Office Expenses	919.83	
Vehicles Expenses	103.34	
Professional Services	441.14	
Overhead	13,038.34	
<p>TO INSURE PROPER CREDIT -            PLEASE INCLUDE A COPY OF THE INVOICE WITH YOUR PAYMENT</p> <p>FOR CREDIT CARD PAYMENTS            PLEASE VISIT <a href="http://www.mdaqmd.ca.gov">www.mdaqmd.ca.gov</a></p>		
<b>MAKE CHECKS PAYABLE TO MOJAVE DESERT AQMD</b> <b>PLEASE INCLUDE THE INVOICE NUMBER ON THE CHECK</b>	<b>Invoice Total</b>	<b>106,169.32</b>
	<b>Amount Paid</b>	<b>0.00</b>
	<b>Balance Due</b>	<b>106,169.32</b>

**ANTELOPE VALLEY AQMD  
Program Staff  
FY 2016-17**

<b>Program</b>	<b>FY 16-17 Contracted Hours</b>	<b>Calendar Yr 2016 Actual Hours*</b>	<b>FY 17-18 Contracted Hours</b>	<b>Average Contract Cost/hr</b>	<b>Annual Contract Cost</b>	<b>FTE</b>
Lancaster Office	12,480	11,723	12,480	\$70.00	\$873,600	6.00
Planning, Grants, and Rulemaking	265	146	175	80	\$14,000	0.08
Air Monitoring and Surveillance	440	279	300	95	\$28,500	0.14
Compliance	310	-	-	-	-	-
Stationary Sources	270	273	300	85	\$25,500	0.14
Executive Management and Legal	630	239	250	140	\$35,000	0.12
Community Relations & Education	80	56	65	100	\$6,500	0.03
Administration	1,115	1,139	1,169	100	\$116,900	0.56
<b>TOTAL</b>	<b>15,590</b>	<b>13,855</b>	<b>14,739</b>		<b>\$ 1,100,000</b>	<b>7.09</b>
<b>Full Time Equivalents (FTE) Administrative Costs</b>	<b>7.50</b>	<b>6.66</b>	<b>7.09</b>			<b>14.00%</b>

<b>Fiscal Year Comparison:</b>	<b><u>Contract Cost</u></b>	<b><u>FTE</u></b>
Fiscal Year 2016-17	\$ 1,111,365	7.50
Fiscal Year 2017-18	\$ 1,100,000	7.09
Fiscal Year 17-18 Monthly	\$91,666.67	

\*Hours for year 2017 are provided as a point of reference compared to last fiscal year and next fiscal year.

**MINUTES OF THE GOVERNING BOARD  
OF THE ANTELOPE VALLEY AIR QUALITY MANAGEMENT DISTRICT  
LANCASTER, CALIFORNIA**

*AGENDA ITEM 6*

**DATE:** October 17, 2017

**RECOMMENDATION:** 1) Award an amount not to exceed \$284,887 in Carl Moyer Program funds to Miller Equipment Company for the replacement of an older diesel motor grader with cleaner technology; and 2) Authorize the Executive Director/APCO and staff to negotiate final award based on available funds, target time frames and technical project details and execute an agreement, approved as to legal form by the Office of District Counsel.

**SUMMARY:** This item awards up to 61 percent of project costs funded by Carl Moyer Program funds to Miller Equipment Company for the replacement of one (1) 1988 CAT 16G motor grader with a new lower-emissions diesel motor grader certified to the Final Tier 4/current emission standards.

**BACKGROUND:** AVAQMD received an application from Miller Equipment Company requesting grant funding under the Carl Moyer Program (CMP) towards retirement and replacement of older diesel-powered construction equipment. Miller Equipment Company proposes voluntary participation in the Carl Moyer Program in effort to reduce emissions by retiring one (1) 1988 CAT 16G motor grader to receive an amount not to exceed \$284,887 in grant funding to off-set the costs to purchase one (1) new 2017 CAT 160M3 motor grader with the cleanest off-road engine technology calculated to produce 3.32 tons of emissions reduction per year for a 5-year project life. Staff has evaluated the project for Carl Moyer eligibility pursuant to the guidelines for the use of Carl Moyer funding. Pursuant to District's Carl Moyer Policies and Procedures, applicant is eligible to receive a maximum of 61 percent toward the replacement costs. It is staff recommendation to award \$284,887 of Carl Moyer Program funds. Heavy-duty off-road equipment is a significant source of GHG, diesel particulate matter (PM), and oxides of nitrogen (NOx) emissions. Early fleet turnover provides emission reductions that help the Valley towards attainment of the national ambient air quality standards.

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cc: Jean Bracy  
Laquita Cole  
Michelle Powell  
Julie McKeehan

**MINUTES OF THE GOVERNING BOARD  
OF THE ANTELOPE VALLEY AIR QUALITY MANAGEMENT DISTRICT  
LANCASTER, CALIFORNIA**

*AGENDA ITEM 6*

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**REASON FOR RECOMMENDATION:** Governing Board approval is needed to fund Carl Moyer projects. Additionally, Governing Board authorization is needed for the Executive Director/APCO to negotiate and execute an agreement with the grant recipient.

**REVIEW BY OTHERS:** This item was reviewed by Allison E. Burns, Special Counsel to the Governing Board as to legal form, and by Bret Banks, Executive Director/APCO – Antelope Valley Operations on or about October 3, 2017.

**FINANCIAL DATA:** Sufficient funds are available from the District's Carl Moyer Program funds.

**PRESENTER:** Julie McKeehan, Air Quality Specialist

**MINUTES OF THE GOVERNING BOARD  
OF THE ANTELOPE VALLEY AIR QUALITY MANAGEMENT DISTRICT  
LANCASTER, CALIFORNIA**

*AGENDA ITEM 7*

**DATE:** October 17, 2017

**RECOMMENDATION:** 1) Award an amount not to exceed \$265,794 in Carl Moyer Program funds and Mobile Source Emissions Reduction Program funds to Antelope Valley Transit Authority (AVTA) for the replacement of a diesel-fueled transit bus with an all-electric transit bus; and 2) Authorize the Executive Director/APCO and staff to negotiate target time frames and technical project details, and execute an agreement, approved as to legal form by the Office of District Counsel.

**SUMMARY:** This item awards an amount not to exceed \$265,794 in grant funding to AVTA for the replacement of an older diesel transit bus with a zero-emissions, all-electric transit bus that exceeds the current emission standards. The grant award consist of available Carl Moyer Program and/or Mobile Source Emissions Reduction Program funds (AB 923) with the possibility of leveraging with Mobile Source Emissions Reduction Program (AB 2766) funds pending a CARB case-by-case approval. The alternate funding plan is for an amount not to exceed \$80,000 in Carl Moyer Program funds leveraged with available Mobile Source Emissions Reduction Program (AB 2766) funds for an amount not to exceed \$58,407 for a total of \$138,407.

**BACKGROUND:** AVAQMD received an application from AVTA requesting grant funding toward the purchase of a zero-emissions, all-electric transit bus. AVTA proposes to permanently retire one (1) diesel-fueled transit bus and replace with zero emission technology. Staff has evaluated the project and finds it eligible for the use of Carl Moyer Program and Mobile Source Emissions Reduction Program funds (multiple program grants). AVTA is committed to having a 100 percent zero-emissions, all-electric transit bus fleet by the end of 2018. In support of the project, it is staff recommendation to award an additional incentive amount not to exceed \$265,794 using multiple program grants as specified for turning over their diesel fleet to the cleanest certified technologies available; pending CARB's case-by-case approval for the additional funding. Heavy-duty on-road vehicles are a significant source of GHGs, criteria pollutants, and toxic air contaminants. Early fleet turnover provides emission reductions that help meet State and local goals to transition to zero and near-zero emission alternative vehicles.

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cc: Jean Bracy  
Laquita Cole  
Michelle Powell  
Julie McKeehan

**MINUTES OF THE GOVERNING BOARD  
OF THE ANTELOPE VALLEY AIR QUALITY MANAGEMENT DISTRICT  
LANCASTER, CALIFORNIA**

*AGENDA ITEM 7*

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**REASON FOR RECOMMENDATION:** Governing Board approval is needed to fund Carl Moyer projects. Additionally, Governing Board authorization is needed for the Executive Director/APCO to negotiate and execute an agreement with the grant recipient.

**REVIEW BY OTHERS:** This item was reviewed by Allison E. Burns, Special Counsel to the Governing Board as to legal form, and by Bret Banks, Executive Director/APCO – Antelope Valley Operations on or about October 3, 2017.

**FINANCIAL DATA:** Sufficient funds are available from the District's Carl Moyer Program and Mobile Source Emissions Reduction Program (AB 923 and AB 2766) funds.

**PRESENTER:** Julie McKeehan, Air Quality Specialist

**MINUTES OF THE GOVERNING BOARD  
OF THE ANTELOPE VALLEY AIR QUALITY MANAGEMENT DISTRICT  
LANCASTER, CALIFORNIA**

*AGENDA ITEM **8***

**DATE:** October 17, 2017

**RECOMMENDATION:** 1) Award an amount not to exceed \$98,581 in Carl Moyer Program funds to New West Metals for the replacement of an older diesel tractor with cleaner technology; and 2) Authorize the Executive Director/APCO and staff to negotiate target time frames and technical project details, and execute an agreement, approved as to legal form by the Office of District Counsel.

**SUMMARY:** This item awards up to 80 percent of project costs funded by Carl Moyer Program funds to New West Metals for the replacement of one (1) 1988 Case 680K Tractor with a new lower-emissions diesel tractor certified to the Final Tier 4/current emission standards.

**BACKGROUND:** AVAQMD received an application from New West Metals requesting grant funding under the Carl Moyer Program (CMP) towards retirement and replacement of older diesel-powered construction equipment. New West Metals proposes voluntary participation in the Carl Moyer Program in effort to reduce emissions by retiring one (1) 1988 Case 680K Tractor to receive an amount not to exceed \$98,581 in grant funding to off-set the costs to purchase one (1) new 2017 CAT 420F2 HRC Tractor with the cleanest off-road engine technology calculated to produce 1.40 tons of emissions reduction per year for a 5-year project life. Staff has evaluated the project for Carl Moyer eligibility pursuant to the guidelines for the use of Carl Moyer funding. Pursuant to District's Carl Moyer Policies and Procedures, applicant is eligible to receive a maximum of 80 percent toward the replacement costs. It is staff recommendation to award \$98,581 of Carl Moyer Program funds. Heavy-duty off-road equipment is a significant source of GHG, diesel particulate matter (PM), and oxides of nitrogen (NOx) emissions. Early fleet turnover provides emission reductions that help the Valley towards attainment of the national ambient air quality standards.

cc: Jean Bracy

Laquita Cole

Michelle Powell

Julie McKeehan

**MINUTES OF THE GOVERNING BOARD  
OF THE ANTELOPE VALLEY AIR QUALITY MANAGEMENT DISTRICT  
LANCASTER, CALIFORNIA**

*AGENDA ITEM 8*

**PAGE 2**

**REASON FOR RECOMMENDATION:** Governing Board approval is needed to fund Carl Moyer projects. Additionally, Governing Board authorization is needed for the Executive Director/APCO to negotiate and execute an agreement with the grant recipient.

**REVIEW BY OTHERS:** This item was reviewed by Allison E. Burns, Special Counsel to the Governing Board as to legal form, and by Bret Banks, Executive Director/APCO – Antelope Valley Operations on or about October 3, 2017.

**FINANCIAL DATA:** Sufficient funds are available from the District's Carl Moyer Program.

**PRESENTER:** Julie McKeehan, Air Quality Specialist



**MINUTES OF THE GOVERNING BOARD  
OF THE ANTELOPE VALLEY AIR QUALITY MANAGEMENT DISTRICT  
LANCASTER, CALIFORNIA**

*AGENDA ITEM 9*

**DATE:** October 17, 2017

**RECOMMENDATION:** 1) Award an amount not to exceed \$50,000 in Carl Moyer Program funds to High Desert Dairy for the replacement of an older diesel chopper with cleaner technology; and 2) Authorize the Executive Director/APCO and staff to negotiate target time frames and technical project details and execute an agreement, approved as to legal form by the Office of District Counsel.

**SUMMARY:** This item awards an amount not to exceed \$50,000 in Carl Moyer Program and/or Mobile Source Emissions Reduction Program (AB 923) funds pursuant to eligibility under the Carl Moyer Program to High Desert Dairy toward the replacement of one (1) 1994 New Holland diesel chopper with a new lower-emissions diesel chopper certified to the Final Tier 4/current emission standards.

**BACKGROUND:** AVAQMD received an application from High Desert Dairy requesting grant funding towards retirement and replacement of older diesel-powered farm equipment. High Desert Dairy proposes voluntary participation in the Carl Moyer Program in effort to reduce emissions by retiring one (1) 1994 New Holland chopper to receive \$50,000 in grant funding to off-set the costs to purchase one (1) new 2017 New Holland chopper with the cleanest off-road engine technology calculated to produce 5.48 tons of emissions reduction per year for a 3-year project life. Staff has evaluated the project for Carl Moyer eligibility pursuant to the guidelines for the use of Carl Moyer Program. Pursuant to the District's Carl Moyer Policies and Procedures, applicant is eligible to receive the maximum of \$50,000 toward the replacement costs. It is staff recommendation to award \$50,000 in Carl Moyer Program and/or Mobile Source Emissions Reduction Program (AB 923) funds. Heavy-duty off-road equipment is a significant source of GHG, diesel particulate matter (PM), and oxides of nitrogen (NOx) emissions. Early fleet turnover provides emission reductions that help the Valley towards attainment of the national ambient air quality standards.

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cc: Jean Bracy  
Laquita Cole  
Michelle Powell  
Julie McKeehan

**MINUTES OF THE GOVERNING BOARD  
OF THE ANTELOPE VALLEY AIR QUALITY MANAGEMENT DISTRICT  
LANCASTER, CALIFORNIA**

*AGENDA ITEM 2*

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**REASON FOR RECOMMENDATION:** Governing Board approval is needed to fund Carl Moyer projects. Additionally, Governing Board authorization is needed for the Executive Director/APCO and staff to negotiate and execute an agreement with the grant recipient.

**REVIEW BY OTHERS:** This item was reviewed by Allison E. Burns, Special Counsel to the Governing Board, as to legal form and by Bret Banks, Executive Director/APCO – Antelope Valley Operations on or before October 3, 2017.

**FINANCIAL DATA:** Sufficient funds are available from the District's Carl Moyer Program and Mobile Source Emissions Reduction Program (AB 923) funds.

**PRESENTER:** Julie McKeehan, Air Quality Specialist

**MINUTES OF THE GOVERNING BOARD  
OF THE ANTELOPE VALLEY AIR QUALITY MANAGEMENT DISTRICT  
LANCASTER, CALIFORNIA**

*AGENDA ITEM 10*

**DATE:** October 17, 2017

**RECOMMENDATION:** 1) Award an amount not to exceed \$49,600 in Carl Moyer Program funds to Nick Van Dam Farms for the replacement of one (1) older diesel-powered tractor with newer, cleaner technology; and 2) Authorize the Executive Director/APCO and staff to negotiate target time frames and technical project details, and execute an agreement, approved as to legal form by the Office of District Counsel.

**SUMMARY:** This item awards an amount not to exceed \$48,436 of Carl Moyer Program and/or Mobile Source Emissions Reduction Program (AB 923) funds under the Carl Moyer Program to Nick Van Dam Farms for the replacement of one (1) 2003 Kubota Diesel Tractor with a new, cleaner Tractor certified to the Final Tier 4/current emission standards.

**BACKGROUND:** AVAQMD received an application from Nick Van Dam Farms requesting grant funding towards retirement and replacement of older diesel-powered farm equipment. Nick Van Dam proposes voluntary participation in the Carl Moyer Equipment Replacement Program to reduce emissions by retiring one (1) 2003 Kubota Diesel Tractor to receive an amount not to exceed \$49,600 in grant funding to off-set the costs to purchase one (1) new 2017 Case Tractor with the cleanest off-road engine technology calculated to produce 1.22 tons of emissions reduction per year for a 7-year project life. Staff has evaluated the project for Carl Moyer eligibility pursuant to the guidelines for the use of Carl Moyer Program and Mobile Source Emissions Reduction Program (AB 923) funds. Pursuant to the District's Carl Moyer Policies and Procedures Applicant is eligible to receive the maximum of 40 percent or an amount not to exceed \$50,000 toward the replacement costs. It is staff recommendation to award \$49,600 in Mobile Source Emissions Reduction Program (AB 923) funds. Heavy-duty off-road equipment is a significant source of GHG, diesel particulate matter (PM), and oxides of nitrogen (NOx) emissions. Early fleet turnover provides emission reductions that help the Valley towards attainment of the national ambient air quality standards.

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cc: Jean Bracy  
Laquita Cole  
Michelle Powell  
Julie McKeehan

**MINUTES OF THE GOVERNING BOARD  
OF THE ANTELOPE VALLEY AIR QUALITY MANAGEMENT DISTRICT  
LANCASTER, CALIFORNIA**

*AGENDA ITEM 10*

**PAGE 2**

**REASON FOR RECOMMENDATION:** Governing Board approval is needed to fund Carl Moyer projects. Additionally, Governing Board authorization is needed for the Executive Director/APCO and staff to negotiate and execute an agreement with the grant recipient.

**REVIEW BY OTHERS:** This item was reviewed by Allison E. Burns, Special Counsel to the Governing Board, as to legal form and by Bret Banks, Executive Director/APCO – Antelope Valley Operations on or before October 3, 2017.

**FINANCIAL DATA:** Sufficient funds are available from the District's Carl Moyer and Mobile Source Emissions Reduction Program (AB 923) funds.

**PRESENTER:** Julie McKeehan, Air Quality Specialist

**MINUTES OF THE GOVERNING BOARD  
OF THE ANTELOPE VALLEY AIR QUALITY MANAGEMENT DISTRICT  
LANCASTER, CALIFORNIA**

*AGENDA ITEM 11*

**DATE:** October 17, 2017

**RECOMMENDATION:** 1) Award an amount not to exceed \$48,436 in Carl Moyer Program funds to AV Farming to replace an older diesel-powered farm equipment with cleaner technology; and 2) Authorize the Executive Director/APCO and staff to negotiate target time frames and technical project details, and execute an agreement, approved as to legal form by the Office of District Counsel.

**SUMMARY:** This item awards an amount not to exceed \$48,436 of Carl Moyer Program and/or Mobile Source Emissions Reduction Program (AB 923) funds under the Carl Moyer Program to AV Farming for the replacement of one (1) 2005 McCormick Diesel Tractor with a new, cleaner Tractor certified to the Final Tier 4/current emission standards.

**BACKGROUND:** AVAQMD received an application from AV Farming requesting grant funding towards retirement and replacement of older diesel-powered farm equipment. AV Farming proposes voluntary participation in the Carl Moyer Equipment Replacement Program to reduce emissions by retiring one (1) 2005 McCormick Diesel Tractor to receive an amount not to exceed \$48,436 in grant funding to off-set the costs to purchase one (1) new 2015 John Deere Tractor with the cleanest off-road engine technology calculated to produce 0.38 tons of emissions reduction per year for a 10-year project life. Staff has evaluated the project for Carl Moyer eligibility pursuant to the guidelines for the use of Carl Moyer Program and Mobile Source Emissions Reduction Program (AB 923) funds. Pursuant to the District's Carl Moyer Policies and Procedures, applicant is eligible to receive the maximum of 40 percent or an amount not to exceed \$50,000 toward the replacement costs. It is staff recommendation to award \$48,436 in Carl Moyer Program and/or Mobile Source Emissions Reduction Program (AB 923) funds. Heavy-duty off-road equipment is a significant source of GHG, diesel particulate matter (PM), and oxides of nitrogen (NOx) emissions. Early fleet turnover provides emission reductions that help the Valley towards attainment of the national ambient air quality standards.

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cc: Jean Bracy  
Laquita Cole  
Michelle Powell  
Julie McKeehan

**MINUTES OF THE GOVERNING BOARD  
OF THE ANTELOPE VALLEY AIR QUALITY MANAGEMENT DISTRICT  
LANCASTER, CALIFORNIA**

*AGENDA ITEM 11*

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**REASON FOR RECOMMENDATION:** Governing Board approval is needed to fund Carl Moyer projects. Additionally, Governing Board authorization is needed for the Executive Director/APCO and staff to negotiate and execute an agreement with the grant recipient.

**REVIEW BY OTHERS:** This item was reviewed by Allison E. Burns, Special Counsel to the Governing Board, as to legal form and by Bret Banks, Executive Director/APCO – Antelope Valley Operations on or before October 3, 2017.

**FINANCIAL DATA:** Sufficient funds are available from the District's Carl Moyer Program and Mobile Source Emissions Reduction Program (AB 923) funds.

**PRESENTER:** Julie McKeehan, Air Quality Specialist