



Monterey Bay Air
Resources District

BOARD OF DIRECTORS MEETING

WEDNESDAY, MARCH 16, 2016 – 1:30 P.M.

24580 Silver Cloud Court, Board Room, 3rd Floor, Monterey, California

Summary of Actions

1. CALL TO ORDER – The meeting was called to order by Chair McShane at 1:30 p.m.

2. PLEDGE OF ALLEGIANCE

3. ROLL CALL

Present

Steve McShane, Chair

Zach Friend, Vice Chair

Robert Lund

Jerry Muenzer

Jane Parker

John Phillips

Micah Posner

Simon Salinas

Ken Talmage

Absent

Fred Ledesma

Jane Parker

4. PUBLIC COMMENT PERIOD

- **Kirk Story, from Stockman's Water and Energy, expressed appreciation and support for the District's grant programs.**

5. COMMENTS AND REFERRALS FROM CHAIR AND BOARD MEMBERS

Chair McShane welcomed new Board member Micah Posner, City Councilmember from the City of Santa Cruz.

6. REPORTS BY COMMITTEE CHAIRS ON COMMITTEE MEETINGS

a) Budget, Personnel, and Nominating Committee

i) **Chair McShane reported on Committee meeting held prior to Board meeting.**

b) Advisory Committee

No meeting was held in March.

7. REPORT FROM AIR POLLUTION CONTROL OFFICER

• Building Remodel

– Things are going well. AMBAG has moved into their offices.

• Moving forward with estimates for upstairs remodel

• Trakt

– Trakt, our new permit management software system has gone live. Thanks to Mike Gilroy, Cindy Searson, Trevor Benites, and Mary Giraudo for their dedication and time.

• Loved Pet Crematory in Royal Oaks

– Follow-up on public comment received at the February meeting: Inspection conducted February 23, 2016 during operation. Facility found in compliance with permit conditions. No odors detected and no visible emissions observed.

- Wineries
 - District sent guidance letter to local wineries summarizing factors the District will use to evaluate emissions from fermentation tanks and barrel storage of wine. This approach is consistent with emission factors used by other air districts.
- Carmel Beach Fires
 - County Weekly had cover story on Carmel Beach fires in their last edition. The article implied a distinction between public nuisance and public health. The District and Mayor Jason Burnette, Carmel-by-the-Sea, send a letter reaffirming that public nuisance and public health can be the same thing.
- Wood smoke letter
 - The Board has been provided with a copy of a draft letter in support of the wood stove change-out monies identified in the Governor's budget. If the effort succeeds, Monterey will be in excellent position to receive wood stove change-out funds in the coming year.

CONSENT AGENDA

Upon motion of Director Muenzer and seconded by Director Phillips, the Board unanimously moved approval of the items on the Consent Agenda.

8. **Accepted and Filed** Summary of Actions for the February 17, 2016 Board of Directors Meeting
9. **Accepted and Filed** Budget to Actual Report for the Eight Months Ended February 29, 2016
10. **Accepted and Filed** Report on Daily Eight-Hour Peak Ozone Concentrations, Hourly Peak Ozone Concentrations, PM2.5 and PM10 Air Monitoring Data for the Month of February 2016
11. **Accepted and Filed** Report of Summary of Mutual Settlement Program Actions for February 2016
12. **Accepted and Filed** Compliance Division Activity Report for Month of January 2016
13. **Accepted and Filed** Engineering Division Activity Report for the Month of February 2016
14. **Approved** Out-of-State Travel Request for One Staff Member to attend the International 2016 SunGard Users Group Association (SUGA) Training and Education Event in Las Vegas, NV

REGULAR AGENDA

15. **RESOLUTION NO. 16-004 - Adopted** a Resolution Authorizing the Air Pollution Control Officer (APCO) to Apply a Portion of the FY 16-17 AB2766 Revenues Towards Funding and Implementing a Program for Motor Vehicle Emission-Reducing Grants Consistent with the Updated Criteria and Procedures Contained in the District's FY 2017-2018 AB 2766 Motor Vehicle Emission Reduction Grant Application Packet
Upon motion of Director Talmage and seconded by Director Phillips, the Board unanimously moved to adopt the resolution.

Public Comment


- Sean LaFond, Tesla Monterey, provided positive comment regarding the grant program.

16. **Authorized** Air Pollution Control Officer (APCO) to Release the “Plug-In Monterey Bay” RFP for Electric Vehicle (EV) Infrastructure Installation under the AB923 Program
Upon motion of Director Coonerty and seconded by Director Friend, the Board unanimously moved to approve authorization.
17. **Received** a Presentation on San Lorenzo Valley Wood Smoke Reduction Program
Received the presentation; no action required.
18. **Received** a Presentation on the District’s New Data Management System (DMS): TRAKIT
Received the presentation; no action required.
19. **Received** a Presentation on the District’s Air Quality Forecasting Program
Received the presentation; no action required.

CLOSED SESSION

20. The Board **met** in Closed Session pursuant to Government Code section 54950, relating to the following item(s):
- a. Pursuant to Government Code section 54956.9 (d) (1), two matters of existing litigation:
 - i) Sewell, et al. v. MBUAPCD, et al., Monterey County Superior Court Case No. M130853
 - ii) People (MBUAPCD) v. Bartel, Santa Cruz Superior Court case no. 16 CV 00111**No reportable action.**
 - b. Pursuant to Government Code section 54956.9 (d) (2) one matter of significant exposure to litigation; claim of Richard Bartel
On a vote of 9/0, the Board moved to reject the claim.
 - c. Pursuant to Government Code section 54957, the Board will provide a performance evaluation for the Air Pollution Control Officer.
The Board provided an evaluation.
21. Adjournment – **The meeting was adjourned at 3:30 p.m.**

Ann O'Rourke
Executive Assistant



Monterey Bay Unified
 Air Pollution Control District

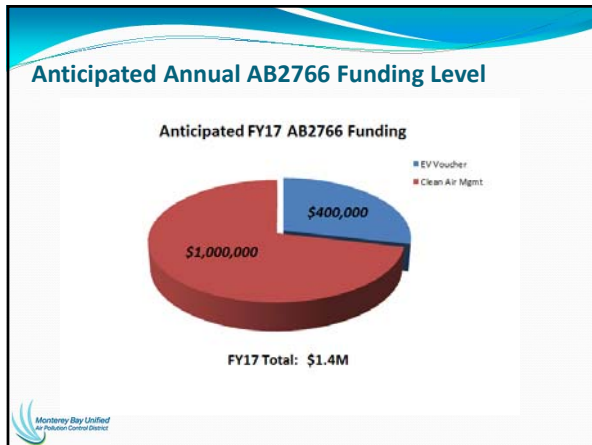
FY17 AB2766 Grant Program

Presented to the Board of Directors
 March 16, 2016
 by:
 Alan Romero, Air Quality Planner III

AB 2766 Program Metrics

Roundabouts (since FY11)		Award
Marina	2	\$135,000
Salinas	1	\$200,000
Monterey	1	\$350,000
Watsonville	1	\$198,540
Rio Del Mar	1	\$100,000
Santa Cruz	1	\$32,900
Total	7	\$1,016,440
<i>Total Emission Reduction, tons/year</i>		4.32

Adaptive Signal Control Corridors (since FY12)		Award
Monterey	3	\$779,025
Salinas	1	\$396,000
Watsonville	1	\$200,000
Capitola	1	\$369,600
Santa Cruz	1	\$200,000
Total	7	\$1,944,625
<i>Total Emission Reduction, tons/year</i>		19.86



FY17 AB 2766 – Two Programs

1. Clean Air Management Program (Public Agencies)

Allocate ~\$1M

Long Term Air Quality Benefit:

- Roundabouts
- Adaptive Traffic Signal Control

Short term Air Quality Benefit:

- Vanpools
- New Transit



AB 2766 Program Metrics

Grant FY	Awarded	Open	Accrued
11	24	1	\$38,670
14	9	1	\$382,778
15	5	2	\$302,097
15EV	24	1	\$27,000
16	7	7	\$1,114,165
16EV	8	4	\$96,572.00
Totals	77	16	\$1,961,282.00

Allocations of AB2766 Projects

Clean Air Management Program - \$1M

- Monterey – \$570,000 (57%)
- Santa Cruz – \$350,000 (35%)
- San Benito - \$80,000 (8%)

EV Rebate Program - \$400K


- District wide to the public

FY17 AB 2766 – Two Programs

2. Monterey Bay Clean Vehicle Program

EV Voucher Replacement (Public Agencies only)
 New voucher cap: **\$15,000**
 Budgeted from the Clean Air Management Allocation

EV Rebate (General Public)
\$2,500 for Plug-in Hybrid (PHEV)
\$3,500 for 100% Electric (BEV)
 Sale or lease
 Additional Rebates available from the state CVRP
 First year Program, Allocate ~\$400K
 District wide, first come first serve until funds deplete




CA v MBARD EV Rebate Metrics

Rebates & Rebate Funding Issued & Approved to Date - Life of Project			Rebates & Rebate Funding Issued & Approved to Date - Filtered		
	Rebates	Funding		Rebates	Funding
BEV	82,071	208,921,790	BEV	1,128	\$2,881,570
PHEV	56,342	84,434,076	PHEV	770	\$1,154,458
FCEV	150	672,500	Other	20	\$20,800
Other	602	1,521,450			
Grand Total	139,165	295,549,816	Filtered Total	1,918	\$4,056,828

Data is updated semimonthly. Last updated: March 02, 2016

Source: <https://cleanvehiclerebate.org/eng/rebate-statistics>





AB2766 Clean Vehicle Program

Consistent with Direction from Governor
 March 23, 2012 Executive Order B-16-2012 calls for 1.5 million EVs by 2025
 District EV Voucher Incentive Replacement Program, FY15 & 16 successfully added 46 EVs to Agency Fleets at ~\$1.2M in grant funding


Consistent with other Air District AB2766 Programs

- Bay Area AQMD
- San Joaquin Valley APCD
- South Coast AQMD
- El Dorado AQMD
- Antelope Valley AQMD


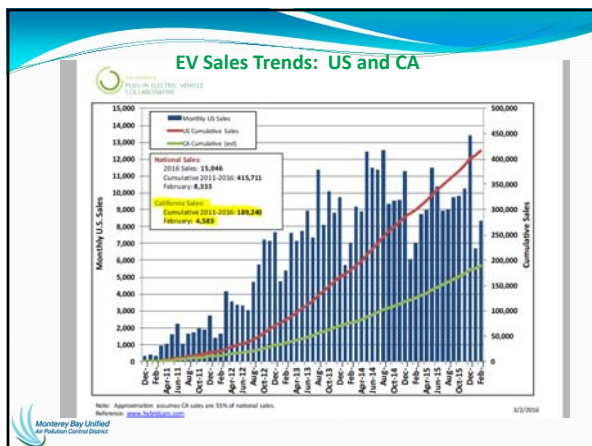
PHEV

Top 3:
 1. Chevy Volt
 2. Ford C-Max Energi
 3. Toyota Prius Plug-In






BEV

Top 3:
 1. Nissan Leaf
 2. Tesla Model S
 3. Fiat 500e

Discussion and Questions....




Enhancements to the AB923 Grant Program

Presented to the Board of Directors
March 16, 2016
by:
Alan Romero, Air Quality Planner III

AB923 Grant Program

On October 8, 2015 Governor Brown signed into law SB513 (Beall), which became effective on January 1, 2016. The bill allowed the \$2 fee pursuant to §44229 to be additionally used for:


- “The funding of alternative fuel and electrical infrastructure projects solicited and selected through a competitive bid process”



The District's AB923 Grant Program


Under the Health and Safety Code §§44223 and 44225 the District is allowed to levy certain fees on the registration of vehicles within its jurisdiction. Pursuant to Health and Safety Code §44229, \$2 of such fees have been used historically to fund:

- Projects eligible for funding under the Carl Moyer Memorial Air Quality Standards Attainment Program
- Retrofit or replacement of school buses pursuant to the Lower Emission School Bus Program
- CNG on-board fuel tanks and fueling dispensers for school buses




The EV “Fuel” Ecosystem


<http://www.plugshare.com/>



PHEV




BEV



AB923 Grant Program

Typical AB923 Budget Scenarios:


Carl Moyer Program	\$250,000.00
School Bus Program	\$1,125,000.00



CEC Grant Awards for DC Fast Charge Corridors

California Energy Commission
Alternative and Renewable Fuel and Vehicle Technology Program
Solicitation GFO-15-601
DC Fast Chargers for California's North-South Corridors
Notice of Proposed Awards
February 16, 2016

Proposal Number	Applicant	Corridor	Project Title	Funds Requested	Proposed Award	Match Amount	Score	Recommendation
12	ChargePoint, Inc.	1	Northern California Express Corridor Project (NCCP)	\$1,987,222	\$1,987,222	\$487,717	91.8%	Awardee
18	NRG EV Services LLC	2	DC Fast Chargers for California's North-South Corridors	\$1,449,928	\$1,449,928	\$351,498	91.8%	Awardee
3	EV Connect, Inc.	3	GFO 15-601 - EV Connect - ECHC	\$851,589	\$851,589	\$287,604	85.3%	Awardee
4	EV Connect, Inc.	4	GFO 15-601 - EV Connect - ECHC	\$851,589	\$851,589	\$287,604	85.3%	Awardee
16	Recharge, Inc.	5	Chicago California Electric Highway - Corridor 5	\$1,632,735	\$1,632,735	\$577,340	92.8%	Awardee
14	ChargePoint, Inc.	6	Southern California Express Corridor Project (SC-ECP)	\$1,043,790	\$1,043,790	\$208,879	91.1%	Awardee
7	EV Connect, Inc.	7	GFO 15-601 - EV Connect - ECHC	\$140,001	\$140,001	\$48,007	85.5%	Awardee
23	NRG EV Services LLC	8	DC Fast Chargers for California's North-South Corridors	\$210,000	\$210,000	\$81,217	90.5%	Awardee
13	ChargePoint, Inc.	9	Central California Express Corridor Project	\$698,603	\$698,603	\$227,578	88.0%	Awardee
TOTAL FUNDING RECOMMENDED:				\$8,875,457	\$8,875,457	\$2,837,448		





AB 923 Plug-In Monterey Bay

Program Objectives:

- Charge stations will utilize wireless network technology for public access.
- Strategic site locations over the course of the program will include:
 - North- South and East-West DCFC corridor charging
 - Destination charging
 - Workplace charging
 - Multi-unit dwelling charging
 - Charging infrastructure in disadvantaged communities

CEC Grant Awards for DC Fast Charge Corridors

The CEC Commitment* to EV Infrastructure in CA:

2016 -2017: \$10,000,000

2017 -2018: \$10,000,000

2018-2020: \$18,000,000

* Funding source is AB118 (Nunez), The Alternative and Renewable Fuel and Vehicle Technology Program

AB 923 Plug-In Monterey Bay

Key Factors:

Importance of filling EV infrastructure gaps within the District

Value added leveraging opportunity with other EV Infrastructure grant funding/projects

High potential as an EV infrastructure program model for other Air Districts to use

AB 923 Plug-In Monterey Bay

Program Objectives:

- Identify strategic locations for the installation of both Level 2 and DCFC EV charge stations.
- EV charge station infrastructure at strategic site locations will include multiple charging outlets with both charge connector protocols for DCFC.

Discussion and Questions....



San Lorenzo Valley

Board of Directors
Mike Gilroy, Deputy Air Pollution Control Officer
March 16th, 2016


Current Year Results

Very clean due to El Nino driven storm track and a very warm Jan/Feb.

Only 6 exceedances of the NAAQS


- None at our SLAMS site

Impact will be a delay in monitoring data showing a violation of the NAAQS

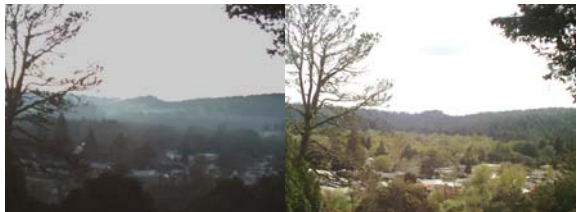


Winter 2015/2016 Exceedances


Date	Day	No.	CAL FIRE Felton	Boulder Creek FD
			PM2.5 ug/m3	PM2.5 ug/m3
11/27/2015	Fri	1	37	25.7
11/28/2015	Sat	2	45	31.8
11/29/2015	Sun	3	45.9	34.2
11/30/2015	Mon	4	36.3	32.7
12/16/2015	Wed	5	39.7	27.6
1/3/2016	Sun	6	25.3	36.5
Maximum			45.9	36.5



Felton Web-Cam



Smoky Day Clear Day





Spare the Air

Only one issued this season

Lesson Learned:

- Warm daytime temperatures seem to modify behaviors
 - Less burning
 - Day time ventilation helps to keep levels in check






Wood Stove Change-Out Program

Change-Out Program

- 54 projects this year
 - 50 change-outs (\$1,000 per project)
 - 4 low-income (\$2,500 per project)
 - 10 for new homeowners

Most conversions are to natural gas and Propane


Outreach Activities

Facebook Posts

Working with SLV High School Students


At the request of a concerned citizen, the District sent "Burn clean" letters to residents in Lompico

Attempting to provide additional free yard waste days for storm debris.



7

Questions/Comments



8



TRAKiT

Board of Directors
Amy Clymo, Interim Compliance and Engineering Manager
March 16th, 2016

TRAKiT

Web-based software to issue permits, manage inspections, manage complaints, manage violations, track status

TRAKiT used by other local agencies

- City of Salinas
- City of Santa Cruz

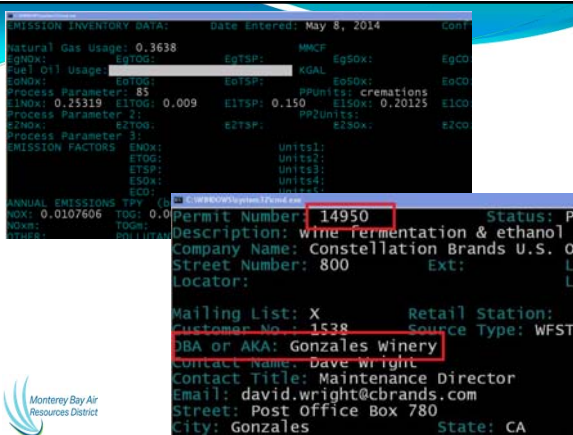



New Database Project

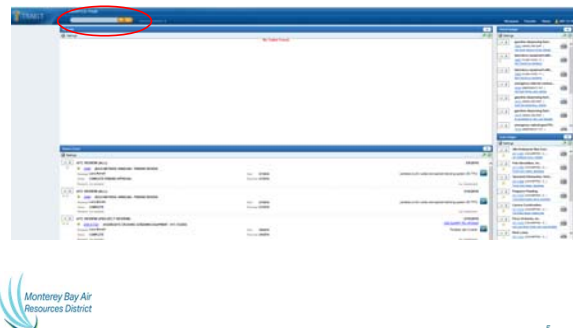

Multi-year project 

Participation from staff in Compliance, Engineering, Planning, and Administration

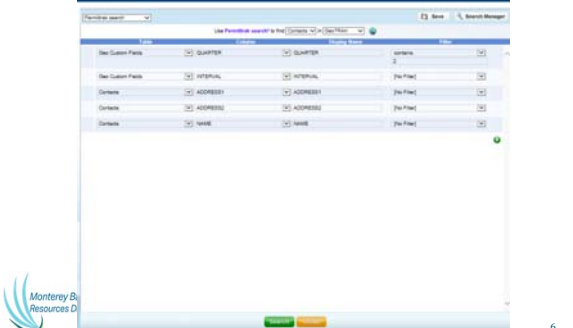

Milestone Event: Go Live! March 4, 2016

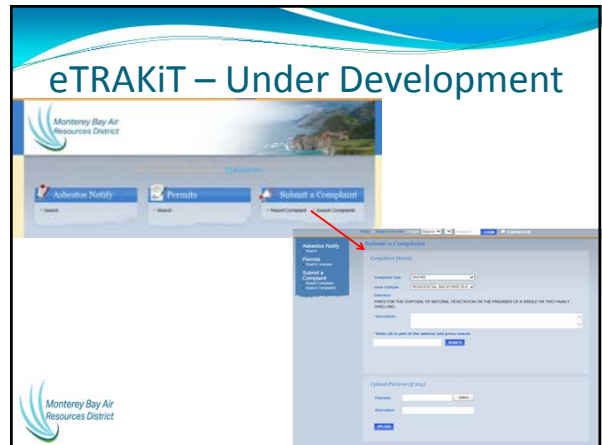
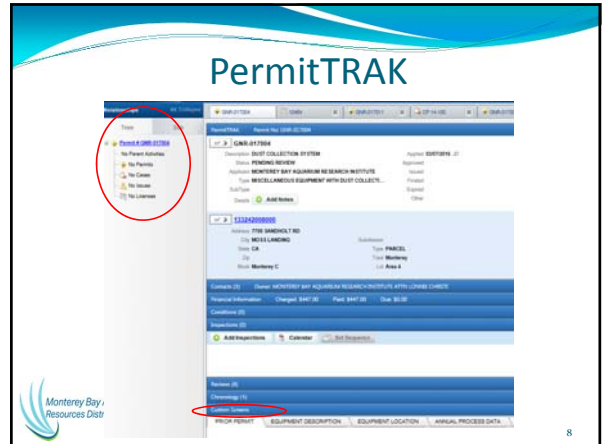
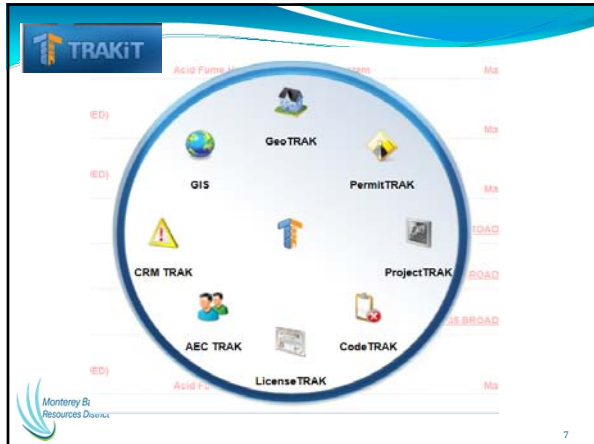



TRAKiT Workspace

Advanced Search Function



Expectations

- Short-term learning curve
- Stable database for storing information
- Long-term efficiencies
 - Reduction of paper files
 - Improve public experience
 - Improve public access to information
 - Improve monthly billing

Monterey Bay Air Resources District

Special Thank You and Kudos To Our TRAKit Team

Cindy Searson Mary Giraudo

Trevor Benites David Frisbey

Monterey Bay Air Resources District