



**AB 617 Community Air Protection Program
Steering Committee Meeting Agenda
Heber Community Center
1132 Heber Avenue
Heber, CA 92249**



**Comite Civico
Del Valle, Inc.**

**MEETING AGENDA
Wednesday, July 24, 2019
5:30 p.m. – 7:30 p.m.**

Facilitator: Amy Ramos of Harder Co.

Chair of Meeting: Matt Dessert (Alternate: Reyes Romero)

WELCOME

- | | |
|---|-------------------------|
| 1. Roll Call/Opening Remarks by CSC Members | Co-Chairs |
| 2. PUBLIC COMMENT PERIOD | |
| 3. PRESENTATIONS | |
| • Budget Update | ICAPCD & CCV |
| • Update on Community Air Monitoring Plan (CAMP) & Community Emissions Reduction Program (CERP) | Ramboll |
| • Target Selection of Emissions Reduction Projects | Harder Co. |
| - <i>CSC Survey Exercise for Mitigation Project Strategies</i> | |
| 4. AGENCY UPDATES | ICAPCD & CCV |
| 5. AGENDA TOPICS FOR NEXT MEETING | Co-Chairs |
| 6. CLOSING REMARKS BY CSC/ADJOURNMENT | Co-Chairs |

Table 1. Mobile Monitoring Cost Comparison Summary
Imperial County Air Pollution Control District

Element	Mobile Trailer ¹	Aerodyne Research, Inc. ²
Cost of Equipment	\$139,000	\$256,000
Cost of External Laboratory Analysis (per year) ³	\$8,000	
Cost of Lab Staff (per year, excluding benefits) ⁴	\$86,500	
Cost of Data Analysis (per year)		\$104,000
Total Cost (Year 1)	\$233,500	\$360,000
Total Cost (Year 2)	\$94,500	\$360,000
Pollutants Monitored	CO, CO ₂ PM ₁ , PM _{2.5} , PM ₄ , PM ₁₀ NO, NO ₂ , NO _x Methane and NMHC VOCs Black Carbon Metal Toxics Total Suspended Particulates Meteorological data	CO, CO ₂ PM NO _x N ₂ O Methane Ethane Formaldehyde VOCs Black Carbon Pesticides Metal Toxics Meteorological data
Duration of Monitoring	As needed	Two, 2-week deployments per year
Pros	<ul style="list-style-type: none"> · Can be deployed when needed · District would own the equipment 	<ul style="list-style-type: none"> · Experienced · Measurements and science can be tailored to the District needs · No additional equipment maintenance cost
Cons	<ul style="list-style-type: none"> · Likely need to add a staff position to operate equipment and analyze data · Additional costs to maintain the equipment 	<ul style="list-style-type: none"> · Dates of measurement must be pre planned · Relatively expensive
Limitations to Cost Estimate	<ul style="list-style-type: none"> · Staff estimate excludes benefits · It is assumed that ICAPCD owns a vehicle capable of towing the trailer. 	<ul style="list-style-type: none"> · Preparation/deployment cost could be lower if District is flexible on sampling dates. It could also be reduced if all analysis and reporting could be done after the 2nd deployment.

Notes:

¹ Equipment list modeled after South Coast Air Quality Management District's Mobile Measurement Station air quality trailer. For more information see SCAQMD presentation: "Development of Two Mobile Measurement Stations for Ambient Air Toxic Monitoring in Communities. Available at: <http://www.aqmd.gov/docs/default-source/technology-research/clean-fuels-program/clean-fuels-program-advisory-group---february-2-2011/air-monitoring-update.pdf>. Accessed: July 2019.

² Aerodyne Research, Inc. (ARI) provides research and development (R&D) services and advanced sensor and software products to industrial, academic and government customers.

³ External laboratory cost for filter and canister sampling based on San Diego Air Pollution Control District AB617 Monitoring Cost worksheet. Assumed 24 samples per year. Available at: [https://www.sandiegocounty.gov/content/dam/sdc/apcd/PDF/AB_617/Potential%20Monitoring%20Sites%20and%20Cost%20of%20Equipment%20\(Draft\).pdf](https://www.sandiegocounty.gov/content/dam/sdc/apcd/PDF/AB_617/Potential%20Monitoring%20Sites%20and%20Cost%20of%20Equipment%20(Draft).pdf). Accessed: July 2019.

⁴ Average of the salary range for an Air Quality Chemist at SCAQMD. Available at: <http://www.aqmd.gov/docs/default-source/Career/salary-schedule.pdf?sfvrsn=25>. Accessed: July 2019.

IMPERIAL COUNTY AB 617 COMMUNITY EMISSION REDUCTION PROGRAM STATUS AND STRATEGY OVERVIEW



Imperial County AB 617 Community Steering Committee Meeting
July 24, 2019



Bright ideas. Sustainable change.

COMMUNITY EMISSION REDUCTION PROGRAM STATUS

- Draft of CERP was shared with the committee on July 3, 2019
- Certain items remain outstanding, including:
 - Finalized Community-Level Emission Inventory
 - Targets/Goals Section
 - Strategies Section
 - Tracking Progress Section
- Today we will discuss strategy categories and potential options

Key Dates

- Near final draft of CERP to be shared in advance of the August 14, 2019 meeting
- Final plan to be voted on during the September 11, 2019 meeting
- CERP will be submitted to the ICAPCD Board in late September 2019
- CERP will be submitted to CARB in October 2019

COMMUNITY EMISSION REDUCTION PROGRAM STRATEGIES - OVERVIEW

Emission and Exposure Reduction Strategies

- Strategies to meet goals and targets must be identified
- Strategies should establish a path towards continuing long term reductions in PM_{2.5} and Toxic Air Contaminants
- Strategies will be categorized in two Tiers:
 - Tier 1 strategies are well-defined projects, where the project partners have been identified
 - Tier 2 strategies require further study, planning, and stakeholder input prior to implementation

Strategy Categories

1. Regulations
2. Facility Risk Reduction Audits
3. Air Quality Permitting
4. Enforcement
5. Incentive Programs
6. Land Use
7. Transportation
8. Mitigation

COMMUNITY EMISSION REDUCTION PROGRAM

1 - REGULATORY STRATEGIES

Description

- Requires an expedited schedule for Best Available Retrofit Control Technologies (BARCT) for certain industrial sources
- May include new or amended rules and regulations
- Can involve coordinating with CARB to identify CARB regulatory measures

Potential Options

- Sources subject to BARCT have been identified and controls are being evaluated – **Tier 1**
- Identification of new or amended rules and regulations
- Many rules were revisited under recent State Implementation Plan (SIP) and Border Strategy development. Recommend focusing AB 617 efforts on Policy updates.
- Work with CARB to identify state regulatory amendments that could benefit the Corridor – **Tier 2**

COMMUNITY EMISSION REDUCTION PROGRAM

2 - FACILITY RISK REDUCTION AUDITS AND

3 - AIR QUALITY PERMITTING STRATEGIES

Facility Risk Reduction Audits

- AB 617 requires an assessment of which AB 2588 facilities' risk reduction audits and emission reduction plans an air district should review and update
- Ramboll has completed a review of facilities in the AB 617 Corridor. All AB 2588 facilities are "low" risk and are not required to perform risk reduction audits or submit emission reduction plans. Therefore this strategy is **not applicable**.

Air Quality Permitting Strategies

- CARB is developing a Technology Clearinghouse to include Best Available Control Technologies (BACT) and Best Available Control Technologies for Toxic Air Contaminant (T-BACT) determinations.
- ICAPCD will use the Technology Clearinghouse in permitting new or modified sources within or directly surrounding the community – **Tier 1**

COMMUNITY EMISSION REDUCTION PROGRAM

4 - ENFORCEMENT STRATEGIES

Description

- Involves identifying and developing near-term enforcement strategies to improve compliance with existing rules
- Link enforcement strategies to results of a three-year enforcement history compliance assessment

Potential Options

- Establish regular communication with outside agencies to improve violation response time – **Tier 1**
- Provide annual training to industry, with certain focused training (i.e., construction dust mitigation) available upon request – **Tier 1**
- Make strategic updates to ICAPCD policies, including Policy 34, Agricultural Burning Procedures – **Tier 1**
- Work with CARB to identify enforcement strategies that could benefit the Corridor – **Tier 1**

COMMUNITY EMISSION REDUCTION PROGRAM

5 - INCENTIVE PROGRAM STRATEGIES

Description

- Determine how incentive funding can be used to achieve targets and goals
- Identify specific actions ICAPCD and CARB will take to secure funds
- Include outreach strategies to promote identified funding opportunities

Potential Options

- Existing participation:
 - Carl Moyer
 - Funding Agricultural Replacement Measures for Emission Reductions (FARMER)
 - Lawn Equipment Exchange
 - + Others
- Other potential programs:
 - Wood Stove Grant Program – **Tier 1**
 - Urban Greening Programs – **Tier 1**

COMMUNITY EMISSION REDUCTION PROGRAM

6 - LAND USE STRATEGIES

Description

- Engage with local planning authorities to identify potential updates to:
 - Planning permit conditions
 - Zoning code amendments
 - General Plan, with focus on environmental justice and air quality

Potential Options

- Work with local agencies to identify streets and parking lots that would benefit from paving – **Tier 1**
- Become an active stakeholder in the comment and review process for local General Plans – **Tier 2**
- Work with local agencies to create an area-wide plan identifying locations for trees to be added and maintained – **Tier 2**

COMMUNITY EMISSION REDUCTION PROGRAM

7 - TRANSPORTATION STRATEGIES

Description	Potential Options
<ul style="list-style-type: none">• Consider transportation strategies that can deliver emission and exposure reductions• Identify applicable implementing agency	<ul style="list-style-type: none">• Develop alternative routes from east and west ports of entry – Tier 2• Work with cities in the corridor to implement a program that includes adding roadway signage to encourage light-duty vehicles not to idle near schools and other land uses that serve children and seniors – Tier 2• Provide education, outreach, and/or training on truck idling – Tier 2

COMMUNITY EMISSION REDUCTION PROGRAM

8 - MITIGATION STRATEGIES

Description

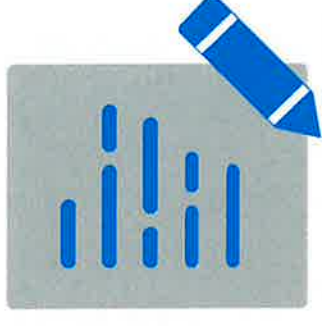
- Consider specific strategies to further reduce impacts of ongoing emissions
- Identify applicable implementing agency

Potential Options

- Installation of air filtration at sensitive receptor locations – **Tier 1**
- Urban greening projects – **Tier 1**
- Parking lot paving projects – **Tier 1**
- Improve school flag program – **Tier 1**

COMMUNITY EMISSION REDUCTION PROGRAM NEXT STEPS

- Narrow down the list of strategies
- Decide on targets and goals
- Quantify potential reductions
- Identify the implementation schedule for each goal and strategy
- Incorporate goals and strategies into the CERP



QUESTIONS?