

# **AB 617 COMMUNITY AIR MONITORING PLAN TEMPLATE**

July 2, 2019

## **OVERVIEW**

### **1. Executive Summary**

Summarize the main points of the plan as outlined in the sections below.

### **2. Community Health Protection Program Overview**

Describe the origin of the project, the purpose, and who is involved.

- Briefly describe Assembly Bill 617 (AB 617) and the Air District's Community Health Protection Program.
  - What is the Community Monitoring Program portion of the Air District's Community Health Protection Program?
  - How is an area selected as an AB 617 Community Air Monitoring Area?

### **3. Building Community Partnerships**

- Kickoff Community Discussion Public Meeting (to inform about AB 617 and get community partners to help design a summit)
- Designing a new process with community (Community Design Team)
- Community Summit (for more input on community designed steering committee composition and process, interested people apply to be steering committee members)
- Community Steering Committee
- Community Co-Lead Team

#### 4. Area Description and General Approach

- Study Area draft / initial boundary
- High-level, general description of entire area
- What are the different types of air pollution found in the area?
- What do we know about the air quality from modeling or monitoring?
- What do we know about levels of air pollution-related health issues in this area?
- Describe process:
  - Screen for hotspots in initial area to identify unknown issues
  - Define focus areas that may need additional (deeper dive) monitoring to characterize source impacts (identify source or sources contributing to issues, may quantify source contribution)
  - Analysis to identify sources
    - Refer back to Air District or other responsible party for issues that can have immediate action
    - Develop list of sources and strategies for reducing emissions and exposure for the Community Emission Reduction Plan

#### 5. Monitoring effort: screen study area

If chosen by the steering committee, describe why screening can be a useful initial step in community monitoring.

Describe the following elements for each project:

- Scope of desired actions / related monitoring objective (includes boundaries, description of area – sources, pollutants, community characteristics)
- Work plan including roles and timelines) Specific technical information can be available in an appendix, including Data Quality Objectives, Quality Assurance/Quality Control tables and criteria, data validation procedures.

- What pollutants will be measured, at what locations, and for what duration
- Field measurements including monitoring equipment and procedures
- Data management
- Data analysis
- Work Products (real time data, reports, etc.)

## 6. Focus Areas

Describe general approach and how focus areas were defined and prioritized.

Each identified focus area will have a section that includes:

- Scope of desired actions that monitoring data are designed to help achieve and the related monitoring objective. Actions can include public information for behavior change, identification of areas with elevated pollution levels (may require further study), or specific quantifiable information to inform new or revised policies or regulations. (includes boundaries, description of area – sources, pollutants, community, etc).
- Work plan including roles and timelines) Specific technical information can be available in an appendix, including Data Quality Objectives, Quality Assurance/Quality Control tables and criteria, data validation procedures.
  - What pollutants will be measured, at what locations, and for what duration
  - Field measurements including monitoring equipment and procedures
  - Data management
  - Data analysis
  - Work Products (real time data, reports, etc.)

## 7. Communication of monitoring plan, data and results

This section identifies how the Air District or other monitoring project leads will communicate data and results from each study with the steering committee and the public.

- Monitoring Plan Outreach
  - Draft and final plans
- Data Communication
  - Preliminary and final data
  - Reports: air quality summary, source attribution/apportionment analyses if appropriate, initial list of sources or strategies for emission and exposure reductions for Community Emission Reduction Plan.
- Methods for communication and engagement
  - Emails
  - Webpage
  - Social media
  - Press releases
  - Steering Committee Meetings
  - Participation in specific community meetings
  - Summits or Town Hall Meetings

## 8. Evaluating progress and plan throughout implementation

This section identifies how the steering committee is determining whether the monitoring objectives are being met for each study, what the metrics and criteria are, contingencies for plan revisions, and next steps.