

BACKGROUND

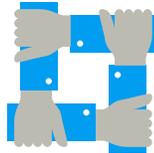
In 2017, a state law known as **AB 617** was passed to improve air quality at the **local** level in select California communities facing disproportionate air quality burdens. The El Centro-Heber-Calexico Corridor was selected as one of the communities and was tasked with creating a **Community Air Monitoring Plan (CAMP)**, which is currently under development. The CAMP for the El Centro-Heber-Calexico Corridor will be a plan for the Community to expand and improve **air monitoring** efforts in order to promote human health and the local environment through improved air quality.

The CAMP is structured into sections consisting of **14 Elements** that are designed to address a variety of considerations. This handout highlights some **key aspects** of selected Elements of the CAMP.

Element 1: Form Community Partnerships

KEY ASPECT: Community Steering Committee

- Create and execute air monitoring objectives
- Provide information to Community members
- Support local actions related to air monitoring



Element 2: State the community-specific purpose for air monitoring

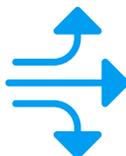
KEY ASPECT: Purpose of the Plan

- Use air monitoring to track progress of emission reduction efforts in the Community
 - Focus on PM2.5: a fine dust particle pollutant impacting the Community
- Provide higher resolution real-time air quality data that is easy to access and understand

Element 3: State the community-specific purpose for air monitoring

KEY ASPECT: Expansion of Existing Monitoring Network

- Install additional community monitors for a more precise picture of local air quality conditions
- Complement existing Community and regulatory monitors (i.e., those run by the state/county)
 - Existing Community monitors: 9 monitors within the Community boundary (part of the IVAN network)
 - Existing regulatory monitors: 1 in El Centro and 1 in Calexico



Element 7: Select monitoring methods and equipment

KEY ASPECT: Monitoring Methods

- Utilize Community monitoring equipment similar to that already in use for IVAN network: Dylos DC1700 Sensors (see right)
 - Leverage expertise gained from years of use of this equipment
- Access data already being generated by regulatory monitors



Image: <http://www.dylosproducts.com/dc1700.html>

Element 8: Determine monitoring areas

KEY ASPECT: Siting Community Monitors

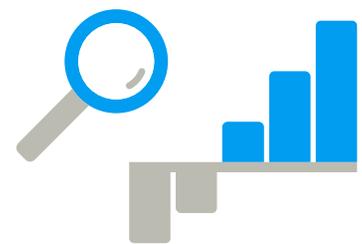
- Consider locations of existing monitors in the Community (see below)
- Collect input from Community members on where to prioritize locations of new monitors:
 - Along the international border with Mexico
 - Near schools currently lacking a nearby monitor
 - Freight hub in Calexico



Element 13: Analyze and interpret data

KEY ASPECT: Data Insights

- Analyze data from regulatory monitors to identify pollutant trends
 - Track Plan progress and evaluate emission reduction strategies
- Analyze data from Community and regulatory monitors to evaluate source impacts



Element 14: Communicate results to support action

KEY ASPECT: Results Communication

- Update website regularly with news and actions related to AB 617 in the Community
 - <https://www.icab617community.org/>
- Develop Annual Progress Report and publicize to Community

