Calexico-Mexicali Work Plan Update and Air Quality Trends

June 13, 2019
Draft Work Plan Actions Update

- Emission inventory improvements for major stationary sources, agricultural burning, brick kilns, POE emissions, and windblown dust from agriculture for Baja California (Final report end of September 2019)
- ICAPCD staff training on portable wind tunnel
- ICAPCD agricultural burn policy amendments
- Discussions on smog check program stringency
- Evaluation of ICAPCD enforcement program
- PA Sensor installation
Border Region Funding Proposals Submitted

- Annual media campaign and surveys
- Continuation of air quality alerts and forecasts. Additional sites in Mexicali will be added.
- Evaluate windblown dust emissions in western Imperial County
- Improvements to on-road emission estimates in Baja California
- Automated License Plate Reader (ALPR) and Portable Emissions AcQuisition System (PEAQS) at Calexico and San Diego Ports of Entry
- Providing monitoring equipment and parts for SPA BC
- Funding of a interactive educational game for use in Mexicali schools
- Exposure health study for sources in Imperial
- Identifying emissions hot spots in the Imperial-Mexicali border area
Actions Requiring Additional Focus

**Imperial**
- Continue discussions with BLM/DPR on off-highway vehicle (OHV) dust reduction strategies
- County ordinance on OHV trespassing to facilitate enforcement
- ALPR and PEAQS at the POE’s
- Smog check stringency

**Mexicali**
- Bringing education of air quality into schools
- Agricultural burn rule
- Metric to track progress of environmental ordinance
- Unpaved road inventory, stabilization techniques, identifying funding, prioritization of paving
- Regulation on livestock farming to control PM and NH3 emissions
Calexico and Mexicali PM Air Quality Trends (April-May 2017-2019)
In April 2019, AQI levels in the Imperial Valley were:

**Good** on 10 days
**Moderate** on 19 days
**Unhealthy for Sensitive Groups** on 1 day.

In May 2019, AQI levels in the Imperial Valley were:

**Good** on 8 days
**Moderate** on 19 days
**Unhealthy for Sensitive Groups** on 3 days
**Unhealthy** on 1 day.
Mexicali Air Quality Trends

April

Air quality conditions in April 2019 were:

**Good** AQI on 13 days
**Moderate** on 17 days.
No **Unhealthy for Sensitive Groups** AQI levels were observed.

Air quality conditions in April 2019 were better than those recorded in April 2018.

May

Air quality conditions in May 2019 were:

**Good** AQI on 12 days
**Moderate** on 19 days.

Air quality conditions in May 2019 were better than those recorded in May 2018.