

Air Monitoring Network 2017: Update

Environmental Monitoring Branch

August 18, 2017

Pesticide Registration and Evaluation Committee

Ambient Air Monitoring 2017 - 2018

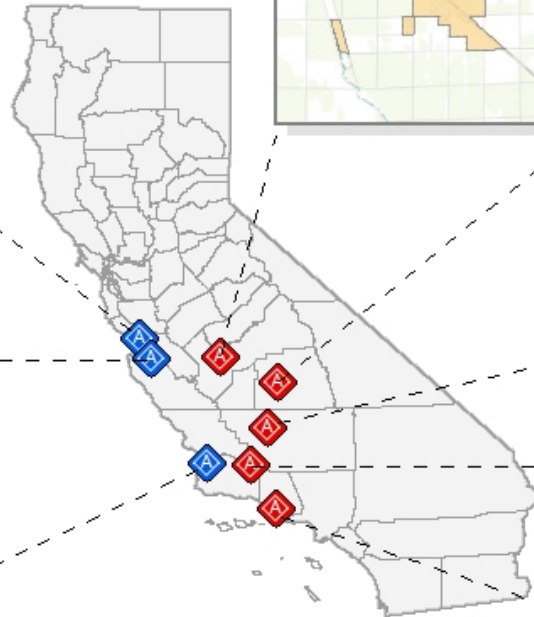
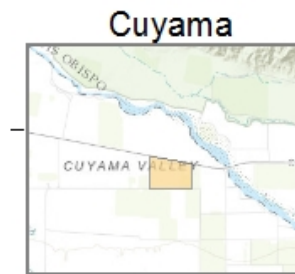
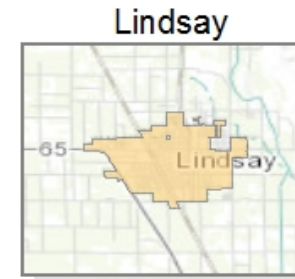
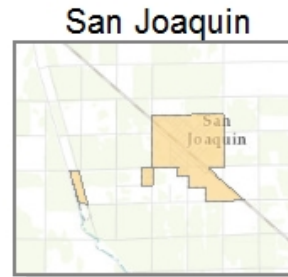
Approved budget change to increase the air network for 2 years

Objectives of the network remain the same

Tracking trends in air concentrations over time will be limited

- **Eight network sites – Operated by ARB and DPR**
 - Communities selection based on either fumigant use or organophosphate use
 - One set of 24-hr samples each week for 31 pesticides
- **Six seasonal monitoring studies conducted by ARB**
 - Three in high use areas for fumigants
 - Three in high use areas for organophosphates

Air Monitoring Network, 2017-2018



Station operated by:



Dept. Pesticide Regulation (DPR)



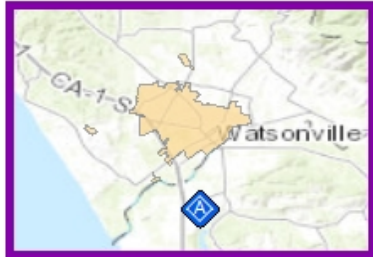
Air Resource Board (ARB)



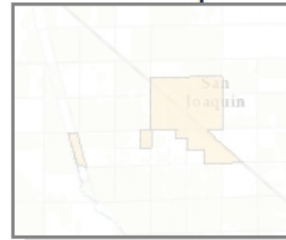
Air Monitoring Network, 2017-2018

Active as of August 18, 2017

Watsonville



San Joaquin



Lindsay



Chualar



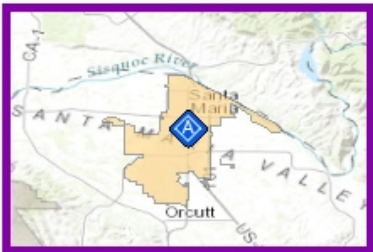
Shafter*



Cuyama






Santa Maria



Oxnard



Station operated by:

-  Dept. Pesticide Regulation (DPR)
-  Air Resource Board (ARB)
-  Dept. of Pesticide Regulation (DPR)



Current Ambient Sites

	DPR	ARB
# ambient sampling sites	4 (31 pesticides + 5 BD)	1 (methyl bromide/1,3-D)
Lab analysis	Multi-residue samples Network chloropicrin & MITC	Canisters for methyl bromide and 1,3-D Seasonal study samples
Seasonal studies	1 - MITC	3 - Methyl bromide, chloropicrin, MITC

ARB Seasonal Monitoring Studies

2017: Fumigant monitoring

MITC monitoring in Fresno/Tulare Counties: January 1 – May 10

6 locations

Methyl bromide monitoring in Siskiyou County: July 9 – mid September

4 locations

Chloropicrin monitoring in Santa Barbara County: August 13 – mid October

5 locations

2018: Organophosphate monitoring (chlorpyrifos, diazinon and malathion)

Imperial County: January - April

Fresno/Tulare Counties: June - September

Kern County: February - May



Contact information



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