

Air Monitoring Network Update

Board of Directors Santa Barbara County Air Pollution Control District

Our Mission: To protect the people and the environment of Santa Barbara County from the effects of air pollution.

Aeron Arlin Genet
Director / APCO

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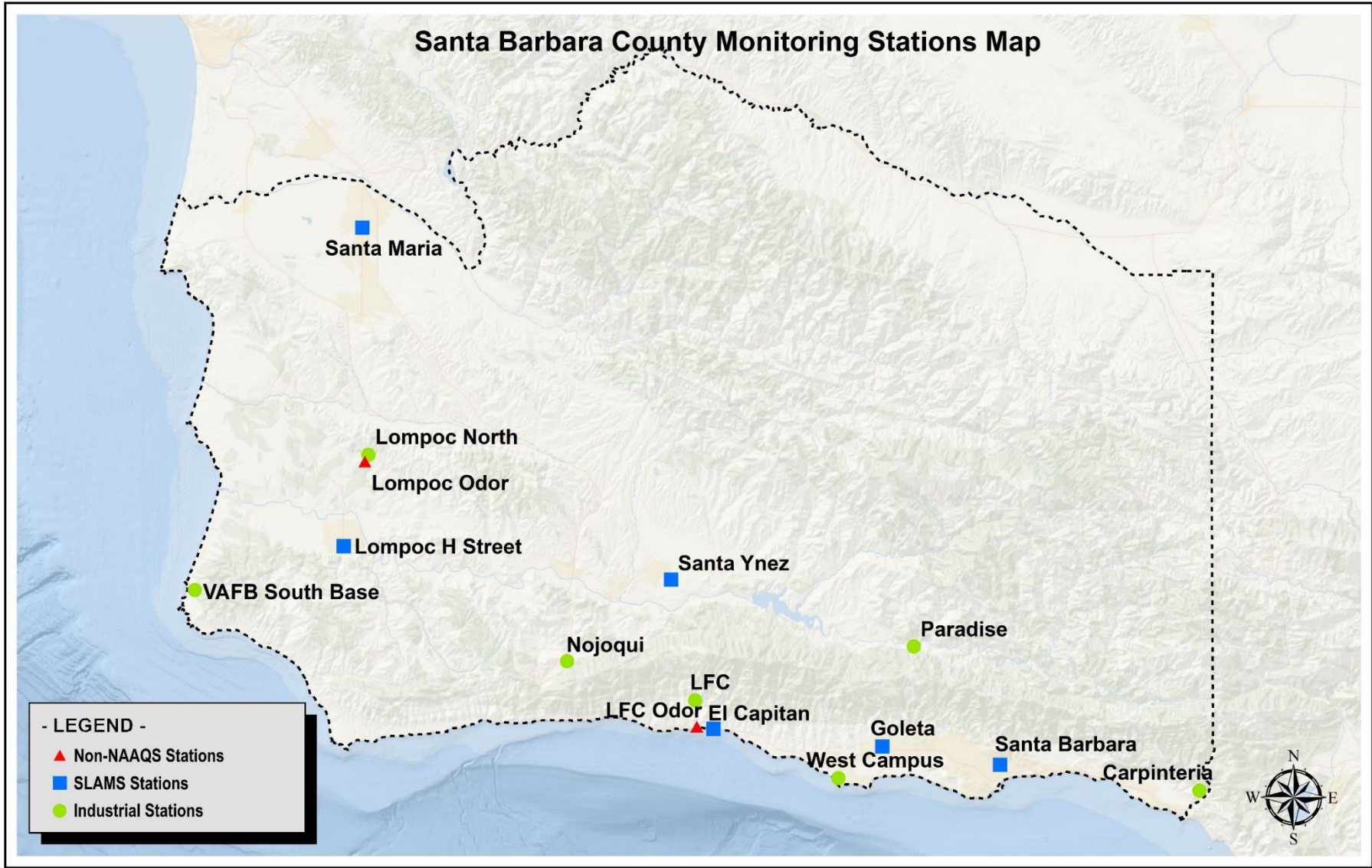


Goleta Air Monitoring Station

Overview

- Current network
- Types of Monitors
- Agency roles
- Need for network modifications
- Assessment criteria
- Changes to network

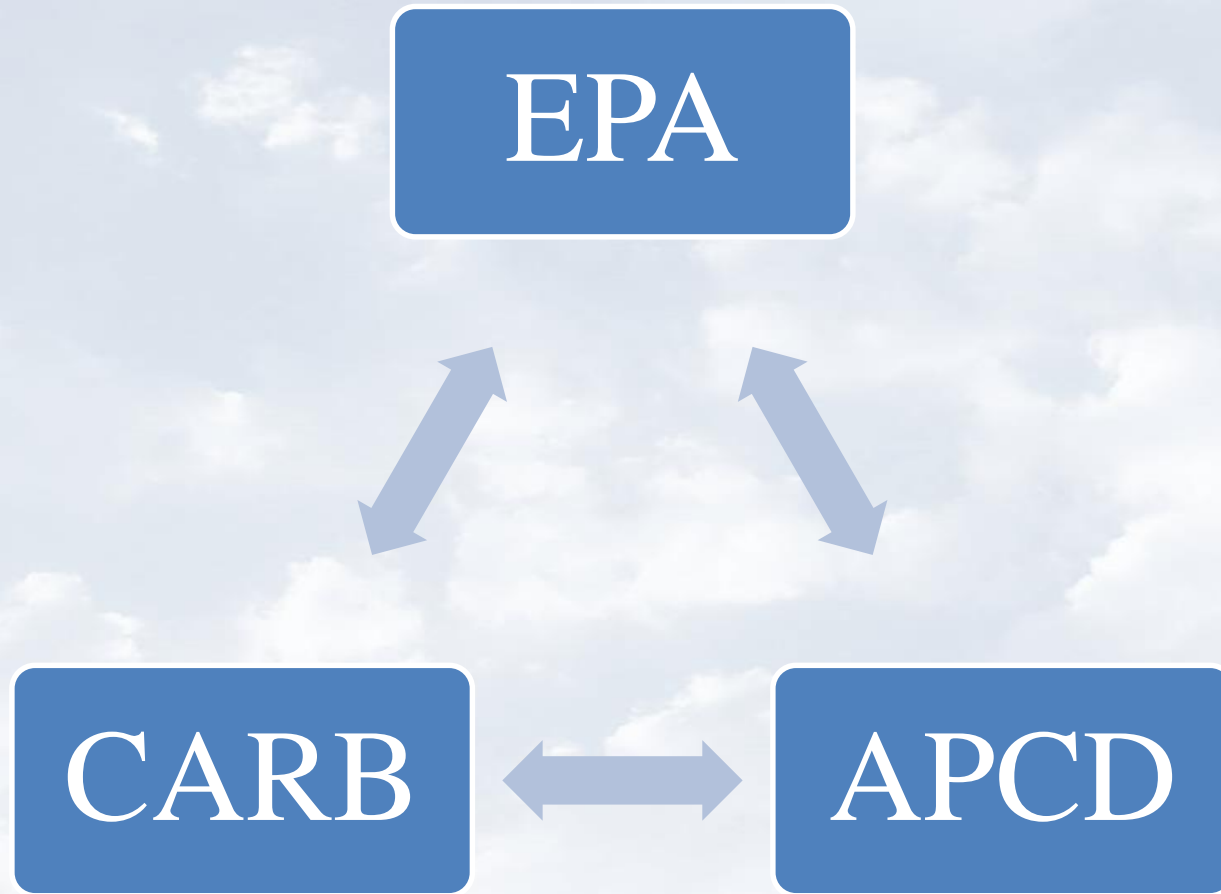




Types of Monitoring in Santa Barbara County

- **SLAMS** – Required by EPA to demonstrate compliance with air quality standards.
- **Industrial stations** – Installed by industry to quantify air quality impacts related to their projects.
- **Non-NAAQS stations** – operated to meet local needs. Not required by Federal Clean Air Act.

Group Effort



Need for Network Modifications

- No major changes to the network in 20 years.
- Maintain NAAQS monitors.
- CARB request to reduce QA oversight and station operation.
- Ensure that Santa Barbara and Santa Maria stations remain operational and improve data availability.
- Reallocate resources to maintain overall network.
- Continue to provide quality information to the public.

Station Review Process

- Assess whether each monitor is still needed.
 - Are they measuring similar air space?
 - Do they provide useful information to communities?
 - Are the values near, or above, air quality standards?
- Assess what is needed from our future network.
- Strategic use of resources.



Network Changes

1. El Capitan - Remove
2. Vandenberg Air Force Base - Remove
3. Nojoqui - Remove
4. Remove CO and NO2 monitors from Goleta station
5. Re-designate the Ozone monitors at Paradise Rd., Carpinteria, and LFC1 as SLAMS monitors
6. Re-designate multiple Industrial monitors as non-NAAQS

Santa Barbara and Santa Maria Stations

- Agreement to take over operation of Santa Barbara and Santa Maria stations from CARB.
- Free up resources for CARB.
- Eliminate long distance operation.
- Local operation will provide more reliable data with less down time.

Modified Network

Station	CO	SO2	H2S	NO2	THC	TRS	O3	PM10	PM2.5
Carpinteria				X			X		
Goleta							X	X	X
LFC Odor			X						
LFC 1	X	X		X	X		X	X	
Lompoc H St.	X	X		X			X	X	X
Lompoc HSP		X		X	X		X		
Lompoc Odor			X			X			
Paradise Rd				X			X		
Santa Barbara							X	X	X
Santa Maria	X			X			X	X	X
Santa Ynez							X		
West Campus		X	X		X	X			

Contact Information

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