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

Aeron Arlin Genet
Director / APCO

Joel Cordes, Principal Monitoring Specialist
December 20, 2018
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

EPA

CARB ↔ APCD
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

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<th>SO2</th>
<th>H2S</th>
<th>NO2</th>
<th>THC</th>
<th>TRS</th>
<th>O3</th>
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Contact Information

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