Expectations for Hosting an APCD-Owned Low-Cost Air Quality Sensor

Thank you for partnering with Santa Barbara County Air Pollution Control District (APCD) to help monitor local air quality! APCD is lending you a PurpleAir sensor for installation at your location. Our goal is to make it easy for schools and government organizations to implement the sensors and get real-time air quality information for your location. Below are the expectations and responsibilities associated with hosting this equipment:

Your Responsibilities

1. Provide an outdoor-accessible 110 AC outlet for power within 15 feet of the mounting location of the sensor installation site.
2. Provide a stable Wi-Fi internet connection for the sensor.
3. Provide APCD staff with a location for the sensor that is secure and accessible, approximately 5 or more feet off the ground.
4. Allow APCD staff to:
    a. Install the sensor at the agreed-upon location.
    b. Take photographs of the installed sensor.
    c. Conduct routine maintenance or inspection of the sensor as needed and during business hours.
5. Provide a contact person, email address, and phone number, and notify APCD immediately if there are any issues regarding the sensor or if the sensor needs to be removed or relocated.
6. Make reasonable efforts to maintain and monitor the site to make sure that the location remains conducive to operating conditions. Do not alter, modify, or tamper with the sensor in any way. It should only be used for the intended purpose of monitoring air quality.

Purpose of the Sensor

The sensor is for educational and informational purposes only. APCD will not use the sensor data for any enforcement or regulatory purposes. Learn more about understanding data from low-cost air quality sensors at www.ourair.org/sensors.

Data Display

The location and data from the sensor will be publicly visible on the PurpleAir website, https://map/purpleair.com, and Environmental Protection Agency's AirNow Fire and Smoke map, https://fire.airnow.gov. The sensor name will include the term "SBCAPCD." Both websites provide critical real-time data, especially when our region is inundated with wildfire smoke.

Contact Information

Should you need assistance, or need to update your contact information, or to request a pickup of the sensor, please reach out to us.

Email: sensors@sbcapcd.org   Phone: (805) 979-8328