

2 - An analysis conducted by the South Coast Air Quality Management District's (SCAQMD) Air Quality Sensor Performance Evaluation Center (AQ-SPEC) found that the PurpleAir Sensor (PA-I) exhibited high precision for all PM concentrations, temperature (T), and relative humidity (RH) combinations for PM_{1.0} and PM_{2.5}

- Citation: SCAQMD AQ-SPEC, (n.d.). Sensor detail: PurpleAir PA-I-Indoor. <http://www.aqmd.gov/aq-spec/sensordetail/purpleair-pa-i-indoor>

3 - An analysis conducted by the SCAQMD's AQ-SPEC found that the Atmotube Pro provided fairly constant and accurate results (86%-98%) of PM 2.5 mass concentrations.

- Citation: SCAQMD AQ-SPEC, (n.d.). Sensor detail: Atmotube - Pro. <http://www.aqmd.gov/aq-spec/sensordetail/atmotube---pro>

Objectives	Activities	Milestones	Assessment
2A - To maintain and expand SSG/APIFM's PurpleAir sensor network in the cities of Alhambra and Monterey Park to collect localized air quality data measuring particulate matter (0.3-10 µm), temperature, and relative humidity.	2A 1 - Re-engage with all PurpleAir sensor hosts and cross reference PurpleAir.com to determine how many sensors are still active within the community.	2A 1.1 – Contact 78 sensor hosts and cross reference 78 sensors on PurpleAir.com map. 2A 1.2 – Engage 50 sensor hosts and activate 50 PurpleAir sensors to collect air quality data.	PurpleAir sensor host tracking sheet updated to reflect updated status of PurpleAir sensor network (including host name, contact info, sensor location, sensor ID, active status, period of time actively recording data, registration status, notes, etc.).
	2A 2 - Troubleshoot PurpleAir sensor issues and distribute additional PurpleAir sensors in community hotspots where sensor coverage is missing.	2A 2.1 Address maintenance/technical issues. 2A 2.2 – Distribute 20 sensors to community hotspots.	Maintenance log sheets will be utilized to record maintenance/technical issue reports (including date, host name, contact info, location, sensor ID, issue/problem(s), mitigation/service administered, notes, etc.). Sensor host agreement forms and gift card incentive forms will be signed and kept on file.

