**PQAO Training 2019**

**Subcommittee 5: Databases, Emerging Technologies, and Project Updates**

* Databases
	+ AQMIS, iADAM, and AQS as tools to help station operators in their data management activities (e.g. to help evaluate data)
		- AirNow as a real-time agency tool to help evaluate data
			* Data audits: Set up a simple query for all the sites you are responsible for and have it show the hourly data for a specified timeframe
			* Review and see trends, anomalies, etc.
			* Possible hands-on activity where we have laptops available and we can walk through with districts how to do this process and sign them up for AirNow if they’re not already
		- Automatic filter placed in AirNow that districts may not be aware of and how to remove those filters if they want
	+ STI: do what they would do during a webinar
* Emerging Technologies
	+ Teledyne API T640
	+ Met One E-BAM Plus
	+ Met One BC 1054
	+ Teledyne API 602
	+ New instrument issues
		- Considerations when purchasing new equipment (SOPs, acceptance criteria, training, standards lab etc.)
	+ Auto GCs
		- Preliminary results/evaluations
* Project Updates
	+ South Coast’s use of FluxSense, used to determine whether or not emissions data are accurate
	+ CARB’s purchase and use of an airpointer, an all-in-one unit to validate some of the AB617 monitoring campaigns
	+ Various CARB monitoring campaigns
		- The Board will decide in September which monitoring campaigns are undertaken for 2018/2019
	+ Update on wildfire smoke and how our networks are all interacting together to help inform the public
	+ Analysis of Purple Air sensors