**PQAO Training 2019**

**Subcommittee 3: Data Management and Quality Control**

* Data Management
	+ Address post-processing/correcting (e.g. correcting to zero) of data is no longer allowed
	+ Discussion of consistent use of AQS data codes throughout the PQAO
		- Potential for interactive activity
	+ Data Validation templates (critical, operational, systematic)
		- Discussion on which critical criteria automatically invalidates data and which don’t
		- What is considered “compelling evidence”
			* How should compelling evidence be documented?
	+ Met Data: validation methods people use and the QA requirements
* Quality Control
	+ Electronic logbooks and commercial availability
		- Summary of what everyone is doing and understanding the pros/cons of each
		- What is acceptable by EPA
		- How agencies have overcome common issues (e.g. security issues, logging into wi-fi)
	+ Chain of custody forms
	+ Nomenclature spreadsheet: highlight QC terms that may be used interchangeably (e.g. different checks and audits)
	+ Monitoring perspective
		- How 1-pt QC checks are calculated
		- How different agencies are implementing the new changes (e.g. tighter control limits, validation tables, etc.) or how the new changes are affecting their data quality and resources
	+ Data management perspective
		- How QC program is critical when data are questionable—QC is what we rely on to save data
	+ Bare necessities that people should be recording
	+ EPA modification of using an external scrubber on a zero air generator
		- Might be something that can be applied more universally instead of using the cylinder (cylinders are not the standard they used to be, so may no longer be a good source of zero air)
		- Zero air generator with the modification may suffice for both
		- Test from auditing side (i.e. checking with and without the scrubber)