

Chattanooga-Hamilton County: Response to June 3-6, 2019 TSA

FIELD OPERATIONS		Response
Concern	T640 shelter temperature is not monitored	Installed a temperature probe reporting to the 8832 logger- temp data polled by Airvision
Concern	Flow verifications are not consistently completed on a monthly frequency	Flow rates are now performed every 30 days
Observation	Copies of quality system documents and instrument operating manuals are not stored at each site	Copies of QA documents and manuals are at all sites
Observation	Spare instruments are not currently powered on or tested on any routine frequency.	Spare instruments are powered on and tested on a routine frequency
RECORDS MANAGEMENT		
Concern	Standards are not consistently documented in monitor logbooks	Standards are consistently documented in monitor logbooks
Observation	Documentation technique and transparency could be improved.	The Air Monitoring Dept is following the EPA recommendations for improvement
DATA MANAGEMENT		
Finding	Data gaps are present in AQS	Missing hourly data was an oversight, and it was uploaded before EPA finished the audit.
Observation	O3 audits stored in incorrect audit levels	AMP251 was malfunctioning. The malfunction was reported to the AQS Team.
Observation	Null codes are not specific enough	Selected Null codes to indicate more specific reasons for downtime
Observation	Site metadata in AQS is missing or incomplete	Reviewed and corrected metadata issues.
QUALITY ASSURANCE		
Finding	Data collected without a current approved QAPP during the 3 year evaluation period- must apply a "6" flag to data from 1/1/16-9/13/18 in AQS	Applied the "6" flag to data in that time period in AQS as instructed
Concern	Outdated SOPs	Resubmitted all 5 SOPs by August 2020. EPA critiqued and requested resubmittal of all SOPs. T640, Ozone, and Data Handling are approved. SOPs for PM _{2.5} 2025i and 2025 sites were resubmitted July 19 and 20, 2021.