



Chattanooga-Hamilton County Air Pollution Control Bureau

April 30, 2021

Caroline Y. Freeman, Director
Air and Radiation Division
US EPA Region 4
Sam Nunn Atlanta Federal Center
61 Forsyth St., SW
Atlanta, GA 30303

Dear Ms. Freeman:

This letter is to certify The Chattanooga-Hamilton County Air Pollution Control Bureau's $PM_{2.5}$ and ozone raw data and all precision and accuracy data for January 1-December 31, 2020. All sites' data for 2020 are completely submitted to AQS and are true and accurate to the best of our knowledge taking into consideration the quality assurance findings. The required AMP600 is included to demonstrate that precision and accuracy procedures were conducted, and the data are entered into AQS.

We have flagged in the continuous $PM_{2.5}$ data an exceptional Sahara Sands event on June 26 and 27th, 2020, for informational purposes. The event was well documented in the media and on satellite pictures. We have also flagged for informational purposes hours on July 4th and 5th in continuous $PM_{2.5}$ data and July 5th in the filter based FRM data for fireworks.

I trust this letter satisfies the certification requirement for 2020 for $PM_{2.5}$ and ozone. If you have questions, please contact Kathy Jones, Air Monitoring Manager, at (423) 643-5980.

Sincerely,

A handwritten signature in black ink, appearing to read "Ron Drumeller".

Ronald Drumeller
Executive Director

C: Mr. Todd Rinck, EPA
Mr. Darren Palmer, EPA
Ms. Sara Waterson, EPA
Ms. Patricia Bullock, EPA
Ms. Leah Vasser, EPA
Ms. Michelle Oakes, State of Tennessee
Mr. Bradley King, State of Tennessee
Ms. DeAnna Oser, State of Georgia

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

CERTIFICATION EVALUATION AND CONCURRENCE

User ID: KJX

Report Request ID: 1928709 Report Code: AMP600 Apr. 30, 2021

GEOGRAPHIC SELECTIONS											
Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
	47	065									

PROTOCOL SELECTIONS			
Parameter Classification	Parameter	Method	Duration

CRITERIA

SELECTED OPTIONS	
Option Type	Option Value
AGENCY ROLE	CERTIFYING
MERGE PDF FILES	YES

DATE CRITERIA	
Start Date	End Date
2020	2020

Data Evaluation and Concurrence Report Summary

Certification Year: 2020

Certifying Agency (CA): Chattanooga-Hamilton County Air Pollution Control (0170)

Pollutants in Report:

<u>Parameter Name</u>	<u>Code</u>	<u>Monitors Evaluated</u>	<u>Monitors Recommended for Concurrence by AQS</u>	<u>Monitors NOT Recommended for Concurrence by AQS</u>
Ozone	44201	2	2	0
PM2.5 - Local Conditions	88101	4	4	0

PQAOs in Report:

<u>PQAO Name</u>	<u>PQAO Code</u>	<u>TSA Date</u>
Chattanooga-Hamilton County Air Pollution Control	0170	06/03/19

Summary of 'N' flags for all pollutants:

Parameter **AQS Recommended** **Cert. Agency Recommended**

PQAO Code AQS Site-ID POC Flag Flag Reason for AQS Recommendation

Signature of Monitoring Organization Representative:



Data Evaluation and Concurrence Report for Gaseous Pollutants

Certifying Year 2020
Certifying Agency Code Chattanooga-Hamilton County Air Pollution Control (0170)
Parameter Ozone (44201) (ppm)
PQAO Name Chattanooga-Hamilton County Air Pollution Control (0170)
QAPP Approval Date 09/14/2018

NPAP Audit Summary: Number of Passed Audits NPAP Bias Criteria Met
 Y

AQS Site ID	POC Monitor Type	Routine Data			Exceed. Count	Outlier Count	Perc. Comp.	One Point Quality Check			Annual PE		Bias	NPAP PQAO Level Criteria	QAPP Appr. Flag	Aqs Rec Flag	Concur. Flag
		Mean	Min	Max				Precision	Bias	Complete	Bias	Complete					
47-065-1011	1 SLAMS	0.044	0.014	0.073	0	0	98	1.13	+/-1.44	100	0.68	100	0	Y	Y	Y	S
47-065-4003	1 SLAMS	0.045	0.014	0.073	0	0	98	0.87	+/-1.26	100	0.32	100	0	Y	Y	Y	S

