



North Carolina Department of Environment and Natural Resources

Division of Air Quality

B. Keith Overcash, P.E.

Director

2010 MAY -3 P 12:35

Beverly Eaves Perdue  
Governor

Dee Freeman  
Secretary

April 28, 2010



A. Stanley Meiburg  
Acting Regional Administrator  
USEPA Region 4  
Atlanta Federal Center  
61 Forsyth Street, SW  
Atlanta, GA 30303-8960

Dear Mr. Meiburg:

Pursuant to Section 181(a)(5) of the Clean Air Act as amended (CAAA), the State of North Carolina requests that the United States Environmental Protection Agency (USEPA) extend by one year the 1997 8-hour ozone National Ambient Air Quality Standard (NAAQS) attainment date to June 15, 2011, for the Charlotte-Gastonia-Rock Hill, North Carolina-South Carolina 8-Hour Ozone Moderate Nonattainment Area (referred to as the Metrolina area). Section 172(a)(2)(C) of the CAAA, allows the USEPA Administrator to extend the attainment date for one year even if the area has a 3-year design value above the standard for the attainment year, provided certain conditions exist. The conditions for the extension are that an area has clean data in the designated attainment year and that the State has complied with all requirements and commitments in its implementation plan.

The Federal Register (FR) notice for the Phase I Final Rule to Implement the 1997 8-hour ozone NAAQS (69 FR 23951), defined clean data as the fourth highest daily 8-hour ozone average of 0.084 parts per million (ppm) or less. I am pleased to inform you that the Metrolina area has clean data for 2009. The North Carolina Division of Air Quality (NCDAQ) has certified to the USEPA that the 2009 ozone concentration data and quality assurance data are completely submitted to the USEPA's Air Quality System and that the ambient data are accurate when the quality assurance findings are taken into consideration (see attachments). Below is a table of the North Carolina ozone monitors in the Metrolina area with the observed fourth highest 8-hour ozone concentrations for the 2009 ozone season.

Monitoring Site	County	2009 4 <sup>th</sup> Highest Concentration
Arrowood	Mecklenburg	0.068
County Line	Mecklenburg	0.071
Crouse	Lincoln	0.065
Enochville	Rowan	0.073
Garinger (Plaza)	Mecklenburg	0.069
Monroe	Union	0.067
Rockwell	Rowan	0.071

1641 Mail Service Center, Raleigh, North Carolina 27699-1641  
2728 Capital Blvd., Raleigh, NC 27604  
Phone: 919-733-3340 \ FAX: 919-715-7175 \ Internet: www.daq.state.nc.us/

An Equal Opportunity \ Affirmative Action Employer

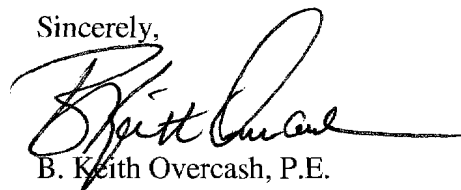
One North Carolina  
*Naturally*

Mr. Meiburg  
April 28, 2010  
Page 2

Additionally, the NCDAQ certifies that the State has complied with all requirements and commitments pertaining to the area in the applicable ozone implementation plan. Furthermore, the NCDAQ certifies that the State has complied with all requirements and commitments in the State Implementation Plan that has been submitted to the USEPA for approval.

The NCDAQ believes that the State has met the requirements of Section 172(a)(2)(C) of the CAAA and respectfully requests that you grant the Charlotte-Gastonia-Rock Hill, North Carolina-South Carolina 8-hour ozone nonattainment area a one-year extension of the attainment date for the 1997 8-hour ozone NAAQS. If you should have any questions, please contact Laura Boothe of my staff at (919) 733-1488.

Sincerely,

A handwritten signature in black ink, appearing to read "B. Keith Overcash", written in a cursive style.

B. Keith Overcash, P.E.

BKO:lab

Attachments

cc: Ken LaPierre, USEPA  
Dick Schutt, USEPA  
Sheila Holman, NCDAQ  
Michael Abraczinskas, NCDAQ  
Laura Boothe, NCDAQ



North Carolina Department of Environment and Natural Resources

Division of Air Quality

Beverly Eaves Perdue  
Governor

B. Keith Overcash, P.E.  
Director

Dee Freeman  
Secretary

December 4, 2009

Mr. Douglas Neeley  
Chief, Air Toxics and Monitoring Branch  
United States Environmental Protection Agency, Region 4  
Sam Nunn Atlanta Federal Center  
61 Forsyth Street S.W.  
Atlanta, Georgia 30303-8960

**Subject: Certification of Partial Ozone Data in North Carolina for 2009:  
Charlotte-Gastonia-Rock Hill NC/SC Metropolitan Statistical Area**

Dear Mr. Neeley:

This letter certifies that for the ambient ozone monitors and date periods indicated in the table below, *concentration data and quality assurance data are completely submitted to AQS and that the ambient data are accurate to the best of my knowledge, taking into consideration the quality assurance findings.* This certification covers the following ozone monitors operated by the NC Division of Air Quality (Reporting Organization 0775):

**Charlotte-Gastonia-Rock Hill NC/SC Ozone Certifications**

Monitor	Beginning Date	Ending Date
37-003-0004-44201-1	1 April 2009	31 October 2009
37-109-0004-44201-1	1 April 2009	31 October 2009
37-159-0021-44201-1	1 January 2009	31 October 2009*
37-159-0022-44201-1	1 April 2009	31 October 2009
37-179-0003-44201-1	1 April 2009	31 October 2009

\*This monitor operates year-round. At a later date, we will submit November and December 2009 data and recertify the monitor summary.

Attached are the AQS AMP450 "Quick Look" report and AMP255 "Data Quality Indicator" report that are customarily required by EPA OAQPS to affirm certifications.

Annual certification of ambient monitoring data is required by provisions in 40 CFR 58.26. The reason for certifying these selected ozone monitors and requesting EPA concurrence at this early date is to support a separate request by the Division of Air Quality to extend the deadline for attaining the 1997 8-hour ozone standard in the Charlotte-Gastonia-Rock Hill MSA. For the same purpose, on November 24, 2009, Jeff Francis certified three ozone monitors operated by Reporting Organization 0669 in Mecklenburg County.

**Ambient Monitoring Section**

1641 Mail Service Center, Raleigh, North Carolina 27699-1641  
2728 Capital Blvd., Raleigh, North Carolina 27604  
Phone: 919-733-3340 / FAX 919-715-7175 / Internet: www.ncair.org

An Equal Opportunity/Affirmative Action Employer - 50% Recycled/10% Post Consumer Paper

One  
North Carolina  
*Naturally*

Mr. Douglas Neeley  
December 4, 2009  
Page 2 of 2

If you need more information concerning this certification, or have other questions, please contact me at 919/733-1487 or Dr. Wayne Cornelius at 919/715-3460.

Sincerely,



Donald D. Redmond, Jr.  
Chief

DDR/wc

Attachments:

AMP450 document  
AMP255 document

cc: (distributed via email)  
David Lutz  
Darren Palmer  
Artra Cooper  
Keith Overcash  
Sheila Holman  
Ron Slack  
Laura Boothe  
Michael Abraczinskas  
Joette Steger  
Wayne Cornelius

[folder:]Metrolina Ozone Certification 2009.doc

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

User ID: WCB      QUICKLOOK CRITERIA PARAMETERS      Report Code: AMP450      Dec. 3, 2009

Tribal	State	County	Site	Parameter	POC	City	ACQR	UAR	CBSA	CSA	EPA Region	Method	Duration	Begin Date	End Date
	37		003												
	37		109												
	37		159												
	37		179												

GEOGRAPHIC SELECTIONS  
 FOAC SELECTIONS  
 Mecklenburg County Air Quality  
 North Carolina Western Regional Air  
 Pollution Control Agency  
 North Carolina Dept Of Environment And  
 Natural Resources  
 Forsyth County Environmental Affairs  
 Department

Option Type	Option Value	Order	Column
EVENTS PROCESSING	REPORT ALL EVENT RECORDS	1	PARAMETER_CODE
MERGE PDF FILES	YES	2	STATE_CODE
		3	COUNTY_CODE
		4	SITE_ID
		5	FOC
		6	DATES
		7	EDT_ID

GLOBAL DATES	Start Date	End Date
	2009	2009

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
AIR QUALITY SYSTEM  
QUICK LOOK REPORT (AMP450)

Dec. 3, 2009

Mr. Mieburg  
April 28, 2010  
Attachment 1  
Page 4 of 12

EXCEPTIONAL DATA TYPES

EDT	DESCRIPTION
0	NO EVENTS
1	EVENTS EXCLUDED
2	EVENTS INCLUDED
3	EXCEPTIONAL EVENTS EXCLUDED
4	NATURAL EVENTS EXCLUDED
5	EVENTS WITH CONCURRENCE EXCLUDED
6	EXCEPTIONAL EVENTS WITH CONCURRENCE EXCLUDED
7	NATURAL EVENTS WITH CONCURRENCE EXCLUDED

Note: The \* indicates that the mean does not satisfy summary criteria.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 QUICK LOOK REPORT (AMP450)

Dec. 3, 2009

Ozone (44201),  
 1-HOUR

North Carolina

Parts per million (007)

SITE ID	P O C	EQAO CITY	Not in a city	COUNTY	ADDRESS	YEAR	METH	REQ	VALID DAYS		1ST MAX		2ND MAX		3RD MAX		4TH MAX		DAY EST		MISS DAYS<= 0.125 CERT EDIT	
									DAYS	MEAS	1-HR	1-HR	1-HR	1-HR	1-HR	1-HR	1-HR	1-HR	1-HR	1-HR		1-HR
37-003-0004	I	0776	Not in a city	Alexander	106 WAGGIN* TRAIL, TAYLORSVILLE	2009	047	205	214	.072	.071	.068	.067	0	0.0	0	0.0	0	0.0	0	1	0
37-109-0004	I	0776	Not in a city	Lincoln	1487 RIVERVIEW ROAD	2009	047	214	214	.075	.073	.073	.072	0	0.0	0	0.0	0	0.0	0	0	0
37-159-0021	I	0776	Rockwell	Rowan	301 WEST ST & GOLD HILL AVENUE	2009	047	213	214	.092	.089	.087	.087	0	0.0	0	0.0	0	0.0	0	1	0
37-159-0022	I	0776	Enochville	Rowan	925 N ENOCHVILLE AVE, CHINA GROVE	2009	047	211	214	.093	.089	.089	.088	0	0.0	0	0.0	0	0.0	0	3	0
37-179-0003	I	0776	Monroe	Union	701 CHARLES STREET	2009	047	211	214	.103	.083	.081	.079	0	0.0	0	0.0	0	0.0	0	3	0

Note: The \* indicates that the mean does not satisfy summary criteria.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 QUICK LOOK REPORT (AMP450)

Dec. 3, 2009

Ozone (44201)

North Carolina

Parts per million (007)

8-HOUR																	
SITE ID	P O C	PQAO	CITY	COUNTY	ADDRESS	YEAR	METH	%OBS	VALID	NUM	1ST	2ND	3RD	4TH	DAY	CERT	EDT
									DAYS	DAYS	MAX	MAX	MAX	MAX	MAX		
									MEAS	REQ	8-HR	8-HR	8-HR	8-HR	0.075		
37-003-0004	1	0776	Not in a city	Alexander	106 WAGGIN' TRAIL, TAYLORSVILLE	2009	047	86	184	214	.068	.066	.066	.063	0	0	
37-109-0004	1	0776	Not in a city	Lincoln	1487 RIVERVIEW ROAD	2009	047	98	209	214	.067	.067	.065	.065	0	0	
37-159-0021	1	0776	Rockwell	Rowan	301 WEST ST & GOLD HILL AVENUE	2009	047	91	195	214	.079	.077	.073	.071	2	0	
37-159-0022	1	0776	Enochville	Rowan	925 N ENOCVILLE AVE, CHINA GROVE	2009	047	97	207	214	.078	.077	.076	.073	3	0	
37-179-0003	1	0776	Monroe	Union	701 CHARLES STREET	2009	047	96	206	214	.080	.073	.069	.067	1	0	

Note: The \* indicates that the mean does not satisfy summary criteria.



Dec. 3, 2009

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
AIR QUALITY SYSTEM  
QUICK LOOK REPORT (AMP450)

METHODS USED IN THIS REPORT

PARAMETER	METHOD CODE	COLLECTION METHOD	ANALYSIS METHOD
44201	047	INSTRUMENTAL	ULTRA VIOLET

Note: The \* indicates that the mean does not satisfy summary criteria.

Dec. 3, 2009

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
AIR QUALITY SYSTEM  
QUICK LOOK REPORT (AME450)

FOAOS USED IN THIS REPORT

FOAO	AGENCY DESCRIPTION
0776	North Carolina Dept Of Environment And Natural Resources

Note: The \* indicates that the mean does not satisfy summary criteria.

UNITES STATES ENVIRONMENTAL PROTECTION AGENCY

User ID: WCB

DATA QUALITY INDICATOR REPORT

Report Request ID: 698505      Report Code: AMF255      Dec. 3, 2009

Tribal	State	County	Site	Parameter	POC	City	AOCR	UAR	CBSA	CSA	EPA Region	Method	Duration	Begin Date	End Date
	37		003												
	37		109												
	37		159												
	37		179												

GEOGRAPHIC SELECTIONS

Parameter Classification	Parameter	Method	Duration
	44201		
	PQAQ SELECTIONS Mecklenburg County Air Quality North Carolina Western Regional Air Pollution Control Agency North Carolina Dept Of Environment And Natural Resources Forsyth County Environmental Affairs Department		

Option Type	Option Value
INCLUDE ONLY APPENDIX A	NO
MONITORS	YES
RESTRICT TO MONITORING SEASONS	YES
MERGE PDF FILES	YES

Start Date	End Date
2009 01 01	2009 12 31

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
AIR QUALITY SYSTEM

DATA QUALITY INDICATOR REPORT

Notes About this Report

Dec. 3, 2009

Mr. Mieburg  
April 28, 2010  
Attachment 1  
Page 10 of 12

For specific information about the fields appearing within this report, please refer to the README.txt file that is included with the WORKFILE output for this report.

**M**

If you see this value for a column in a summarized row, this means that more than one occurrence exist in the summary. For example, if you have a PQA0 summary that spans multiple States, you would see this value in the States column.

**Code Listing**

The following codes may be seen in the "MT" column throughout this report. Please be advised that not all of the codes may appear in the report. They are provided for completeness.

<u>Code</u>	<u>Description</u>
NR	NON-REGULATORY
P	PAMS
SP	SPECIAL PURPOSE
NC	NCORE
ID	INDUSTRIAL
NA	NATTS
F	NON-EPA FEDERAL
PN	PROPOSED NCORE
VS	VOL SCHOOL AT
X	SECURED
SU	SUPLMNTL SPECIATION
TS	TRENDS SPECIATION
UP	UNOFFICIAL PAMS
M	WMO

<u>Code</u>	<u>Description</u>
S	SLAMS
T	TRIBAL MONITORS
I	IMPROVE
IX	INDEX SITE
N	NAMS
CN	CASTNET
O	OTHER
ST	SCHOOL AIR TOXICS
QA	QA COLLOCATED
SS	SLAMS SPECIATION
SU	SUPLMNTL SPECIATION
U	UNKNOWN
W	WHO

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
AIR QUALITY SYSTEM

DATA QUALITY INDICATOR REPORT

1-Point Quality Control

Dec. 3, 2009

Mr. Mieburb  
April 28, 2010  
Attachment 1  
Page 11 of 12

Pollutant: O3

PQAO: 0776 (North Carolina Dept Of Environment And Natural Resources)

App A?: Yes

Year	Region	State	Site ID	POC	MT	Begin Date	End Date	# Req	# Obs	% Complete	CV	Bias	
2009	04	NC	37-003-0004	1	O	01-APR-09	31-OCT-09	15	155	100	1.03	- 1.39	
2009	04	NC	37-109-0004	1	S	01-APR-09	31-OCT-09	15	164	100	0.60	+/- 0.29	
2009	04	NC	37-159-0021	1	O	01-APR-09	31-OCT-09	15	171	100	0.67	+ 0.83	
2009	04	NC	37-159-0022	1	O	01-APR-09	31-OCT-09	15	169	100	1.71	+/- 1.39	
2009	04	NC	37-179-0003	1	O	01-APR-09	31-OCT-09	15	170	100	1.04	- 0.81	
2009	04	NC	<b>SUMMARY</b>						75	829	100	1.23	+/- 0.89
<b>SUMMARY</b>	04	NC							75	829	100	1.23	+/- 0.89

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
AIR QUALITY SYSTEM

DATA QUALITY INDICATOR REPORT

Annual Performance Evaluations

Dec. 3, 2009

Mr. Mieburg  
April 28, 2010  
Attachment 1  
Page 12 of 12

Pollutant: O3

PQAO: 0776 (North Carolina Dept Of Environment And Natural Resources)

App A?: Yes

Year	Region	State	Site ID	POC	MT	Begin Date	End Date	Avg %D / Level				L5	Obs / Q				Criteria Met?	1-Point Conf. Limits		% Btwn Conf.
								L1	L2	L3	L4		Q1	Q2	Q3	Q4		Lower	Upper	
2009	04	NC	37-003-0004	1	O	01-APR-09	31-OCT-09	-1.25	-0.63	-0.42	0.48	0	4	0	4	Y				
2009	04	NC	37-109-0004	1	S	01-APR-09	31-OCT-09	-2.50	-1.25	0.00	0.00	0	0	4	0	Y				
2009	04	NC	37-159-0021	1	O	01-APR-09	31-OCT-09	2.50	1.25	1.67	0.95	0	0	4	0	Y				
2009	04	NC	37-159-0022	1	O	01-APR-09	31-OCT-09	2.50	1.25	1.67	1.43	0	0	4	0	Y				
2009	04	NC	37-179-0003	1	O	01-APR-09	31-OCT-09	-3.75	-1.88	0.42	-0.24	0	4	0	4	Y				
2009	04	NC	<b>SUMMARY</b>					-0.50	-0.25	0.67	0.52	0	8	12	8	100	-2.45	2.23	75	
<b>SUMMARY</b>	04	NC						0.50	-0.25	0.67	0.52	0	8	12	8	100	-2.45	2.23	75	



North Carolina Department of Environment and Natural Resources

Division of Air Quality

Beverly Eaves Perdue  
Governor

B. Keith Overcash, P.E.  
Director

Dee Freeman  
Secretary

April 12, 2010

Mr. Douglas Neeley  
Chief, Air Toxics and Monitoring Branch  
United States Environmental Protection Agency, Region 4  
Sam Nunn Atlanta Federal Center  
61 Forsyth Street S.W.  
Atlanta, Georgia 30303-8960

**Subject: Recertifications of Partial Ozone Data in North Carolina for 2009:  
Charlotte-Gastonia-Rock Hill NC/SC Metropolitan Statistical Area**

Dear Mr. Neeley:

This letter recertifies that for the ambient ozone monitor and date period indicated in the table below, *concentration data and quality assurance data are completely submitted to AQS and that the ambient data are accurate to the best of my knowledge, taking into consideration the quality assurance findings.* This certification covers the following ozone monitor operated by the NC Division of Air Quality (Reporting Organization 0776):

**Charlotte-Gastonia-Rock Hill NC/SC Ozone Certifications**

Monitor	Beginning Date	Ending Date
37-159-0021-44201-1	1 January 2009	31 December 2009*

\*This monitor operates year-round. We previously certified the "ozone season" summary, but now we have submitted November and December 2009 data and recertify the monitor summary.

Attached are the AQS AMP450 "Quick Look" report and AMP255 "Data Quality Indicator" report that are customarily required by EPA OAQPS to affirm certifications.

Annual certification of ambient monitoring data is required by provisions in 40 CFR 58.26. We previously certified the data through 31 October 2009 for this monitor to support a separate request by the Division of Air Quality to extend the deadline for attaining the 1997 8-hour ozone standard in the Charlotte-Gastonia-Rock Hill MSA. The certification request of December 4, 2009 was duly concurred by EPA. Today's letter repeats the certification request for the entire 2009 calendar year.

**Ambient Monitoring Section**

1641 Mail Service Center, Raleigh, North Carolina 27699-1641  
2728 Capital Blvd., Raleigh, North Carolina 27604  
Phone: 919-733-3340 / FAX 919-715-7175 / Internet: www.ncair.org

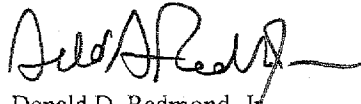
One  
North Carolina  
*Naturally*

Mr. Mieburg  
April 28, 2010  
Attachement 2  
Page 2 of 12

Mr. Douglas Neeley  
April 12, 2010  
Page 2 of 2

If you need more information concerning this certification, or have other questions, please contact me at 919/733-1487 or Dr. Wayne Cornelius at 919/715-3460.

Sincerely,



Donald D. Redmond, Jr.  
Chief

DDR/wc

Attachments:

AMP450 document  
AMP255 document

cc: (distributed via email)  
David Lutz  
Darren Palmer  
Artra Cooper  
Keith Overcash  
Sheila Holman  
Ron Slack  
Laura Boothe  
Michael Abraczinskas  
Joette Steger  
Wayne Cornelius

[folder:]Metrolina Ozone Certification 2009.doc



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

User ID: WCB

QUICKLOOK CRITERIA PARAMETERS

Report Request ID: 739075

Report Code: AMP450

Apr. 12, 2010

GEOGRAPHIC SELECTIONS															
Tribal	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region	Method	Duration	Begin Date	End Date
	37	159	0021	44201										2009	2009

SELECTED OPTIONS		SORT ORDER	
Option Type	Option Value	Order	Column
EVENTS PROCESSING	EXCLUDE REGIONALLY CONCURRED EVENTS	1	PARAMETER_CODE
MERGE PDF FILES	YES	2	STATE_CODE
		3	COUNTY_CODE
		4	SITE_ID
		5	POC
		6	DATES
		7	EDI_ID

APPLICABLE STANDARDS
Standard Description
Ozone 1-hour Daily 2005
Ozone 8-hour 2008

Mr. Miesburg  
 April 28, 2010  
 Attachment 2  
 Page 3 of 12

Apr. 12, 2010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
AIR QUALITY SYSTEM  
QUICK LOOK REPORT (AMP450)

EXCEPTIONAL DATA TYPES

EDT	DESCRIPTION
0	NO EVENTS
1	EVENTS EXCLUDED
2	EVENTS INCLUDED
5	EVENTS WITH CONCURRENCE EXCLUDED

Note: The \* indicates that the mean does not satisfy summary criteria.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 QUICK LOOK REPORT (ANE450)

Apr. 12, 2010  
 Parts per million (007)

Ozone (44201)  
 1-HOUR

North Carolina

P	C	POAO CITY	COUNTY	ADDRESS	YEAR	METH	MEAS	REQ	1ST	MAX	2ND	3RD	4TH	DAY	EST	MISS
SITE ID									1-HR	1-HR	1-HR	1-HR	1-HR	MAX	MAX	MAX
37-159-0021	1	0776 Rockwell	Rowan	301 WEST ST & GOLD HILL AVENUE	2009	047	213	214	.092	.089	.087	.087	.087	0	0.0	0

Note: The \* indicates that the mean does not satisfy summary criteria.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 QUICK LOOK REPORT (AME450)

Apr. 12, 2010  
 Parts per million (007)

Ozone (44201)  
 8-HOUR

North Carolina

SITE ID	C	POAO	CITY	COUNTY	ADDRESS	YEAR	METH	#OBS	VALID DAYS	MEAS REQ	NUM				PARTS PER MILLION (007)			
											DAYS	MEAS	REQ	1ST MAX	2ND MAX	3RD MAX	4TH MAX	DAY
37-159-0021	1	0776	Rockwell	Rowan	301 WEST ST & GOLD HILL AVENUE	2009	047	91	195	214	.079	.077	.073	.071	2	2	0	

Note: The \* indicates that the mean does not satisfy summary criteria.

Apr. 12, 2010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
AIR QUALITY SYSTEM  
QUICK LOOK REPORT (AQP450)

METHODS USED IN THIS REPORT

PARAMETER	METHOD CODE	COLLECTION METHOD	ANALYSIS METHOD
44201	047	INSIRUMENTAL	ULTRA VIOLET

Note: The \* indicates that the mean does not satisfy summary criteria.

Apr. 12, 2010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
AIR QUALITY SYSTEM  
QUICK LOOK REPORT (AMP450)

FOAOS USED IN THIS REPORT

PCNO	AGENCY DESCRIPTION
0776	North Carolina Dept Of Environment And Natural Resources

Note: The \* indicates that the mean does not satisfy summary criteria.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DATA QUALITY INDICATOR REPORT

User ID: WCB  
 Report Request ID: 739078  
 Report Code: AME255  
 Apr. 12, 2010

GEOGRAPHIC SELECTIONS

Tribal	State	County	Site	Parameter	FOC	City	AQCK	UAR	CESA	CSA	EPA Region	Method	Duration	Begin Date	End Date
	37		159												

PROTOCOL SELECTIONS

Parameter Classification	Parameter	Method	Duration
	44201		

SELECTED OPTIONS

Option Type	Option Value
INCLUDE ONLY APPENDIX A	NO
MONITORS	NO
RESTRICT TO MONITORING SEASONS	NO
MERGE PDF FILES	YES

GLOBAL DATES

Start Date	End Date
2009 01 01 Q1	2009 12 31 Q4

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
AIR QUALITY SYSTEM

DATA QUALITY INDICATOR REPORT

Notes About this Report

Apr. 12, 2010

Mr. Mieburg  
April 28, 2010  
Attachment 2  
Page 10 of 12

For specific information about the fields appearing within this report, please refer to the README.txt file that is included with the WORKFILE output for this report.

**M**

If you see this value for a column in a summarized row, this means that more than one occurrence exist in the summary. For example, if you have a PQA0 summary that spans multiple States, you would see this value in the States column.

**Code Listing**

The following codes may be seen in the "MT" column throughout this report. Please be advised that not all of the codes may appear in the report. They are provided for completeness.

<u>Code</u>	<u>Description</u>	<u>Code</u>	<u>Description</u>
NR	NON-REGULATORY	S	SLAMS
P	PAMS	T	TRIBAL MONITORS
SP	SPECIAL PURPOSE	I	IMPROVE
NC	NCORE	IX	INDEX SITE
ID	INDUSTRIAL	N	NAMS
NA	NATTS	CN	CASTNET
F	NON-EPA FEDERAL	O	OTHER
PN	PROPOSED NCORE	ST	SCHOOL AIR TOXICS
VS	VOL SCHOOL AT	QA	QA COLLOCATED
X	SECURED	SS	SLAMS SPECIATION
SU	SUPLMNTL SPECIATION	SU	SUPLMNTL SPECIATION
TS	TRENDS SPECIATION	U	UNKNOWN
UP	UNOFFICIAL PAMS	W	WHO
M	WMO		



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
AIR QUALITY SYSTEM

DATA QUALITY INDICATOR REPORT

1-Point Quality Control

Apr. 12, 2010

Mr. Mieburg  
April 28, 2010  
Attachment 2  
Page 11 of 12

Pollutant: O3

PQAO: 0776 (North Carolina Dept Of Environment And Natural Resources)

App A?: Yes

<u>Year</u>	<u>Region</u>	<u>State</u>	<u>Site ID</u>	<u>POC</u>	<u>MT</u>	<u>Begin Date</u>	<u>End Date</u>	<u># Req</u>	<u># Obs</u>	<u>% Complete</u>	<u>CV</u>	<u>Bias</u>
2009	04	NC	37-159-0021	1	O	01-JAN-09	31-DEC-09	26	243	100	0.68	+ 0.78
2009	04	NC	37-159-0022	1	O	01-JAN-09	31-DEC-09	26	170	100	1.70	+/- 1.38
2009	04	NC	<b>SUMMARY</b>					52	413	100	1.23	+ 1.00
<b>SUMMARY</b>	04	NC						52	413	100	1.23	+ 1.00

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
AIR QUALITY SYSTEM

DATA QUALITY INDICATOR REPORT

Annual Performance Evaluations

Apr. 12, 2010

Mr. Mieburg  
April 28, 2010  
Attachment 2  
Page 12 of 12

Pollutant: O3

PQAO: 0776 (North Carolina Dept Of Environment And Natural Resources)

App A?: Yes

Year	Region	State	Site ID	POC	MT	Begin Date	End Date	Avg %D / Level					Obs / Q				Criteria Met?	1-Point Conf. Limits		% Btw Conf.
								L1	L2	L3	L4	L5	Q1	Q2	Q3	Q4		Lower	Upper	
2009	04	NC	37-159-0021	1	O	01-JAN-09	31-DEC-09	1.25	0.07	0.52	0.25		4	0	4	0	Y			
2009	04	NC	37-159-0022	1	O	01-JAN-09	31-DEC-09	2.50	1.25	1.67	1.43		0	0	4	0	Y			
2009	04	NC	<b>SUMMARY</b>					1.88	0.66	1.10	0.84		4	0	8	0	100	-1.89	2.71	100
<b>SUMMARY</b>	04	NC						1.88	0.66	1.10	0.84		4	0	8	0	100	-1.89	2.71	100