

User ID: XJBAPAT

RAW DATA REPORT

Report Request ID: 1395301

Report Code: AMP350

Dec. 15, 2015

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
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37

PROTOCOL SELECTIONS

Parameter Classification	Parameter	Method	Duration
CRITERIA	42401		

SELECTED OPTIONS

Option Type	Option Value
RAW DATA EVENTS	INCLUDE EVENTS
DAILY STATISTICS	MAXIMUM
UNITS	STANDARD
MERGE PDF FILES	YES
INCLUDE NULLS	YES
AGENCY ROLE	PQAO

SORT ORDER

Order	Column
1	STATE_CODE
2	COUNTY_CODE
3	SITE_ID
4	PARAMETER_CODE
5	POC

DATE CRITERIA

Start Date	End Date
2011 01 01	2011 12 31

APPLICABLE STANDARDS

Standard Description
SO2 1-hour 2010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-013-0007 POC: 1
 COUNTY: (013) Beaufort
 CITY: (02620) Aurora
 SITE ADDRESS: 1945 Sandy Landing
 SITE COMMENTS: Relocated from 37-013-0006 location by agreement with PCS property owner
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (168) NORTHERN COASTAL PLAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 35.345000009
 LONGITUDE: -76.78333
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 4
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JANUARY 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
2	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
3	BD	.0	.0	.0	.0	.0	.0	.0	1.0	3.0	1.0	2.0	5.0	2.0	2.0	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	23	5.0
4	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	2.0	1.0	1.0	2.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	2.0
5	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	6.0	3.0	2.0	2.0	2.0	2.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	6.0
6	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	2.0	2.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	2.0
7	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
8	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
9	BD	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	1.0	1.0	1.0	23	2.0
10	BD	1.0	.0	1.0	5.0	7.0	1.0	1.0	2.0	3.0	2.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	23	7.0
11	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
12	BD	1.0	1.0	.0	.0	.0	.0	.0	.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
13	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	BF	BF	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	21	2.0
14	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	4.0	7.0	9.0	5.0	4.0	3.0	3.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	9.0
15	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	4.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	4.0
16	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	3.0	21.0	17.0	10.0	3.0	3.0	3.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	23	21.0
17	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
18	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	23	1.0
19	BD	1.0	1.0	.0	.0	.0	.0	1.0	.0	1.0	.0	1.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
20	BD	.0	1.0	.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
21	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	23	2.0
22	BD	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	3.0	4.0	5.0	4.0	2.0	3.0	3.0	2.0	2.0	2.0	23	5.0
23	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	3.0	4.0	4.0	3.0	3.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	4.0
24	BD	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0	2.0	3.0	3.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	23	3.0
25	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
26	BD	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	BF	BF															8	1.0
27																										0	
28																										0	
29																										0	
30																										0	
31																										0	
NO.:	26	26	26	26	26	26	26	26	26	24	24	25	25	25	25	25	25	25	25	25	25	25	25	25	25	23	
MAX:	2.0	2.0	2.0	5.0	7.0	2.0	2.0	2.0	2.0	3.0	6.0	21.0	17.0	10.0	4.0	3.0	4.0	5.0	4.0	2.0	3.0	3.0	3.0	2.0	2.0	23	2.0
AVG:	.69	.69	.62	.81	.81	.65	.73	.85	1.25	1.71	2.68	2.52	2.00	1.56	1.60	1.44	1.16	.88	.72	.68	.68	.68	.68	.72	23	1.0	

MONTHLY OBSERVATIONS: 581 MONTHLY MEAN: 1.13 MONTHLY MAX: 21.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-013-0151 POC: 1
 COUNTY: (013) Beaufort
 CITY: (03840) Bath
 SITE ADDRESS: 229 NC Hwy 306N
 SITE COMMENTS: PRIVATE INDUSTRY SITE NORTH SIDE-TEXAS GULF
 MONITOR COMMENTS: 20

STATE: (37) North Carolina
 AQCR: (168) NORTHERN COASTAL PLAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 35.428000009
 LONGITUDE: -76.74
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 0
 PROBE HEIGHT: 184

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SPM
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JANUARY 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM		
1																										0		
2																											0	
3																											0	
4																											0	
5																											0	
6																											0	
7																											0	
8																											0	
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23																											0	
24																											0	
25																											0	
26																											0	
27																											0	
28													BA	BC	BC	BC	1.0	1.0	1.0	1.0	2.0	.0	.0	.0	.0	9	2.0	
29	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	2.0	2.0	1.0	1.0	.0	.0	.0	.0	.0	2.0	7.0	1.0	2.0	23	7.0		
30	BD	2.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	23	2.0		
31	BD	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0		
NO.:		3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4			
MAX:		2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	7.0	1.0	2.0				
AVG:		.67	.33	.33	.67	.67	.67	.33	.33	.67	1.33	1.33	1.33	1.00	1.00	.50	.50	.50	.25	.50	.50	.50	1.75	.25	.50			

MONTHLY OBSERVATIONS: 78 MONTHLY MEAN: .68 MONTHLY MAX: 7.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

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 LONGITUDE: -76.74
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 0
 PROBE HEIGHT: 184

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

MONITOR TYPE: SFM

COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT

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

REPORT FOR: FEBRUARY 2011

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM		
1	BD	1.0	2.0	1.0	1.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	2.0		
2	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.0	3.0	9.0	1.0	.0	.0	1.0	4.0	.0	.0	.0	.0	.0	.0	23	13.0		
3	BD	.0	.0	1.0	.0	.0	.0	.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0		
4	BD	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0		
5	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	.0	3.0	1.0	.0	.0	.0	.0	.0	.0	23	4.0		
6	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0		
7	BD	.0	.0	.0	.0	.0	.0	.0	.0	BF	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20	0.0		
8	BD	.0	-1.0	6.0	.0	.0	.0	.0	.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	6.0		
9	BD	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0		
10	BD	.0	.0	.0	.0	.0	.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	.0	.0	.0	1.0	.0	1.0	23	2.0		
11	BD	1.0	1.0	1.0	1.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0		
12	BD	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	1.0	.0	1.0	1.0	.0	.0	.0	.0	.0	23	1.0		
13	BD	.0	.0	.0	.0	.0	.0	.0	.0	2.0	3.0	3.0	.0	.0	.0	.0	.0	1.0	.0	.0	3.0	5.0	1.0	1.0	23	5.0		
14	BD	4.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	23	4.0		
15	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	.0	23	1.0		
16	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0		
17	BD	.0	.0	.0	.0	.0	.0	.0	.0	BF	BF	BF	BA	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19	2.0		
18	BD	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.0	1.0	.0	23	5.0		
19	BD	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	23	1.0		
20	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0		
21	BD	.0	.0	.0	.0	.0	17.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	23	17.0		
22	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0		
23	BD	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0		
24	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0		
25	BD	.0	.0	.0	.0	.0	.0	.0	.0	11.0	6.0	4.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	11.0		
26	BD	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0		
27	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	1.0	.0	.0	.0	.0	1.0	1.0	.0	23	2.0		
28	BD	.0	2.0	17.0	26.0	11.0	1.0	1.0	13.0	22.0	16.0	9.0	11.0	9.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	26.0		
29																										0		
30																											0	
31																											0	
NO.:	28	28	28	28	28	28	28	28	28	26	26	26	27	28	28	28	28	28	28	28	28	28	28	28	28			
MAX:	4.0	3.0	17.0	26.0	11.0	17.0	1.0	13.0	22.0	16.0	9.0	11.0	9.0	4.0	2.0	3.0	4.0	4.0	2.0	1.0	3.0	5.0	1.0	5.0				
AVG:	.29	.43	1.00	1.04	.43	.71	.21	.86	1.77	1.88	1.15	1.30	.75	.57	.29	.36	.39	.14	.14	.25	.54	.18	.36					

MONTHLY OBSERVATIONS: 637 MONTHLY MEAN: .64 MONTHLY MAX: 26.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-013-0151 POC: 1
 COUNTY: (013) Beaufort
 CITY: (03840) Bath
 SITE ADDRESS: 229 NC Hwy 306N
 SITE COMMENTS: PRIVATE INDUSTRY SITE NORTH SIDE-TEXAS GULF
 MONITOR COMMENTS: 20

STATE: (37) North Carolina
 AQCR: (168) NORTHERN COASTAL PLAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 35.428000009
 LONGITUDE: -76.74
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 0
 PROBE HEIGHT: 184

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MARCH 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BD	-1.0	-1.0	-1.0	-1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
2	BD	.0	.0	.0	.0	.0	.0	.0	.0	BF	BF	3.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	3.0
3	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	AV	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
4	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
5	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
6	BD	.0	.0	.0	.0	.0	.0	.0	-1.0	-1.0	.0	-1.0	.0	-1.0	.0	.0	.0	.0	-1.0	.0	1.0	.0	.0	.0	23	1.0
7	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
8	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
9	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
10	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	.0	23	5.0
11	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
12	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	1.0	1.0	4.0	1.0	1.0	1.0	1.0	1.0	24.0	31.0	5.0	23	31.0
13	BD	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	.0	2.0	1.0	1.0	1.0	.0	23	2.0
14	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
15	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
16	BD	.0	.0	.0	.0	.0	4.0	20.0	BF	BF	BA	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20	20.0
17	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
18	BD	.0	5.0	4.0	1.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	1.0	5.0	8.0	3.0	23	8.0
19	BD	2.0	1.0	1.0	1.0	.0	.0	1.0	.0	1.0	1.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	23	2.0
20	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
21	BD	.0	.0	.0	.0	.0	.0	.0	.0	14.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	10.0	1.0	1.0	.0	.0	23	14.0
22	BD	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
23	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	1.0	.0	.0	.0	.0	1.0	.0	6.0	2.0	.0	23	6.0
24	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
25	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
26	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
27	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
28	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	23	1.0
29	BD	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	23	2.0
30	BD	.0	.0	.0	.0	.0	.0	.0	.0	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	0.0
31	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
NO.:		31	31	31	31	31	31	31	30	28	27	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		2.0	5.0	4.0	1.0	1.0	4.0	20.0	1.0	14.0	2.0	3.0	2.0	2.0	2.0	4.0	2.0	1.0	1.0	10.0	2.0	24.0	31.0	5.0		
AVG:		.10	.19	.16	.06	.03	.16	.74	.07	.71	.30	.35	.23	.16	.26	.29	.16	.13	.03	.42	.23	1.23	1.55	.26		

MONTHLY OBSERVATIONS: 705 MONTHLY MEAN: .34 MONTHLY MAX: 31.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-013-0151 POC: 1
 COUNTY: (013) Beaufort
 CITY: (03840) Bath
 SITE ADDRESS: 229 NC Hwy 306N
 SITE COMMENTS: PRIVATE INDUSTRY SITE NORTH SIDE-TEXAS GULF
 MONITOR COMMENTS: 20

STATE: (37) North Carolina
 AQCR: (168) NORTHERN COASTAL PLAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 35.428000009
 LONGITUDE: -76.74
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 0
 PROBE HEIGHT: 184

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SPM
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: APRIL 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	2.0	1.0	.0	.0	.0	.0	.0	.0	6.0	23	6.0
2	BD	2.0	1.0	2.0	5.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	5.0
3	BD	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	.0	.0	1.0	.0	.0	.0	.0	.0	23	1.0
4	BD	.0	.0	.0	.0	.0	.0	1.0	7.0	1.0	5.0	4.0	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	7.0
5	BD	.0	.0	.0	.0	.0	.0	3.0	1.0	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	6.0
6	BD	.0	.0	1.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	7.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	3.0	17.0	23	17.0	
7	BD	7.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	1.0	3.0	2.0	23	7.0	
8	BD	1.0	1.0	2.0	1.0	.0	.0	.0	.0	1.0	5.0	4.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	.0	.0	.0	23	5.0
9	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
10	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
11	BD	.0	.0	.0	.0	.0	.0	.0	.0	6.0	3.0	3.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	6.0
12	BD	1.0	.0	.0	.0	.0	.0	3.0	BF	BA	1.0	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	20	8.0	
13	BD	.0	6.0	3.0	.0	.0	.0	1.0	1.0	1.0	6.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	6.0
14	BD	.0	.0	.0	.0	.0	.0	.0	.0	AZ	AZ	AZ	AZ	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19	0.0
15	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
16	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.0	.0	.0	.0	.0	23	2.0
17	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20.0	8.0	23	20.0	
18	BD	1.0	.0	.0	.0	.0	.0	1.0	3.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	3.0
19	BD	16.0	2.0	6.0	4.0	1.0	.0	1.0	4.0	4.0	3.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	16.0
20	BD	.0	.0	.0	15.0	6.0	6.0	6.0	3.0	5.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	2.0	5.0	2.0	23	15.0	
21	BD	1.0	.0	.0	.0	.0	.0	.0	.0	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	1.0
22	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
23	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	1.0	.0	23	5.0	
24	BD	.0	.0	1.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	23	4.0	
25	BD	3.0	6.0	5.0	3.0	6.0	6.0	5.0	4.0	1.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	6.0
26	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	23	1.0
27	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
28	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	3.0	.0	.0	.0	.0	.0	4.0	1.0	.0	.0	.0	.0	.0	.0	23	5.0
29	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	17.0	30.0	23	30.0	
30	BD	2.0	1.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	2.0
31																										0	
NO.:		30	30	30	30	30	30	30	29	27	27	29	29	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:		16.0	6.0	6.0	15.0	6.0	6.0	6.0	7.0	6.0	6.0	4.0	6.0	7.0	2.0	2.0	2.0	2.0	4.0	1.0	2.0	2.0	5.0	20.0	30.0		
AVG:		1.13	.67	.70	.97	.50	.47	.83	.86	1.11	1.30	.90	.55	.37	.17	.20	.17	.23	.10	.20	.07	.37	1.63	2.57			

MONTHLY OBSERVATIONS: 681 MONTHLY MEAN: .69 MONTHLY MAX: 30.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-013-0151 POC: 1
 COUNTY: (013) Beaufort
 CITY: (03840) Bath
 SITE ADDRESS: 229 NC Hwy 306N
 SITE COMMENTS: PRIVATE INDUSTRY SITE NORTH SIDE-TEXAS GULF
 MONITOR COMMENTS: 20

STATE: (37) North Carolina
 AQCR: (168) NORTHERN COASTAL PLAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 35.428000009
 LONGITUDE: -76.74
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 0
 PROBE HEIGHT: 184

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SPM
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MAY 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
2	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	2.0
3	BD	1.0	5.0	8.0	14.0	1.0	1.0	2.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	14.0
4	BD	.0	1.0	2.0	1.0	1.0	.0	4.0	1.0	.0	BF	BF	BF	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19	4.0
5	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	8.0	16.0	23	16.0	
6	BD	24.0	12.0	5.0	5.0	2.0	1.0	1.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	4.0	1.0	9.0	3.0	.0	.0	23	24.0	
7	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
8	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	4.0	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	4.0
9	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
10	BD	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	1.0	1.0	23	1.0	
11	BD	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
12	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	23	2.0	
13	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
14	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
15	BD	2.0	5.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	5.0
16	BD	.0	.0	7.0	6.0	1.0	4.0	2.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	7.0
17	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
18	BD	.0	.0	.0	.0	.0	.0	.0	BF	BF	BF	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	7	0.0
19	BD	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
20	BD	AN	AN	AN	AN	AN	AN	AN	AN	AN	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12	0.0
21	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
22	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
23	BD	.0	.0	.0	.0	2.0	.0	.0	BA	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	21	3.0	
24	BD	.0	.0	4.0	1.0	3.0	11.0	2.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	1.0	.0	23	11.0	
25	BD	.0	.0	.0	.0	.0	.0	.0	.0	2.0	1.0	1.0	4.0	5.0	3.0	1.0	.0	.0	.0	.0	.0	.0	.0	1.0	23	5.0	
26	BD	12.0	2.0	1.0	1.0	5.0	4.0	1.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	12.0
27	BD	.0	1.0	2.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	5.0
28	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	6.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	23	6.0
29	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
30	BD	8.0	10.0	10.0	20.0	9.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	6.0	1.0	.0	23	20.0	
31	BD	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
NO.:		29	29	29	29	29	29	29	27	27	27	27	28	28	29	29	29	29	29	29	29	29	29	29	29		
MAX:		24.0	12.0	10.0	20.0	9.0	11.0	4.0	4.0	2.0	1.0	1.0	4.0	5.0	6.0	6.0	2.0	0.0	4.0	1.0	9.0	6.0	8.0	16.0			
AVG:		1.62	1.24	1.38	1.86	.83	.76	.45	.37	.19	.19	.26	.46	.32	.38	.28	.10	0.00	.17	.03	.38	.48	.38	.79			

MONTHLY OBSERVATIONS: 657 MONTHLY MEAN: .57 MONTHLY MAX: 24.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-013-0151 POC: 1
 COUNTY: (013) Beaufort
 CITY: (03840) Bath
 SITE ADDRESS: 229 NC Hwy 306N
 SITE COMMENTS: PRIVATE INDUSTRY SITE NORTH SIDE-TEXAS GULF
 MONITOR COMMENTS: 20

STATE: (37) North Carolina
 AQCR: (168) NORTHERN COASTAL PLAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 35.428000009
 LONGITUDE: -76.74
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 0
 PROBE HEIGHT: 184

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

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT

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

REPORT FOR: JUNE 2011

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BD	.0	.0	.0	.0	.0	.0	.0	.0	BF	BF	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.0	2.0	20	9.0	
2	BD	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	6.0	1.0	.0	23	6.0	
3	BD	.0	.0	.0	.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	1.0	1.0	1.0	23	1.0	
4	BD	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	6.0	.0	1.0	23	6.0	
5	BD	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
6	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
7	BD	8.0	3.0	1.0	.0	.0	.0	1.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	8.0	
8	BD	8.0	1.0	.0	1.0	2.0	.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	4.0	23	8.0	
9	BD	3.0	2.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	10.0	1.0	23	10.0	
10	BD	2.0	1.0	1.0	.0	4.0	4.0	1.0	.0	.0	.0	1.0	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.0	23	4.0	
11	BD	6.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	1.0	23	6.0	
12	BD	.0	3.0	2.0	6.0	6.0	5.0	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	1.0	.0	.0	23	6.0	
13	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
14	BD	.0	.0	.0	.0	.0	.0	.0	BF	BA	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	21	1.0	
15	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
16	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
17	BD	.0	.0	.0	.0	.0	6.0	2.0	1.0	.0	.0	.0	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	6.0	
18	BD	.0	1.0	2.0	6.0	10.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	.0	.0	.0	.0	3.0	1.0	23	10.0	
19	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
20	BD	.0	.0	.0	2.0	2.0	2.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	2.0	
21	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
22	BD	.0	.0	.0	.0	2.0	8.0	3.0	2.0	1.0	.0	.0	.0	2.0	2.0	1.0	.0	.0	.0	.0	3.0	3.0	8.0	1.0	23	8.0	
23	BD	8.0	8.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	.0	.0	.0	3.0	23	8.0	
24	BD	1.0	.0	9.0	12.0	14.0	17.0	11.0	2.0	2.0	3.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	1.0	.0	1.0	.0	23	17.0	
25	BD	19.0	19.0	3.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	19.0	
26	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
27	BD	13.0	8.0	16.0	21.0	15.0	4.0	1.0	1.0	.0	1.0	13.0	8.0	1.0	1.0	2.0	1.0	.0	.0	1.0	.0	.0	1.0	.0	23	21.0	
28	BD	9.0	5.0	1.0	.0	.0	.0	1.0	BF	BF	1.0	1.0	2.0	2.0	1.0	1.0	2.0	.0	.0	.0	.0	.0	1.0	.0	21	9.0	
29	BD	.0	.0	.0	.0	4.0	1.0	1.0	.0	.0	.0	1.0	.0	1.0	3.0	2.0	.0	.0	.0	15.0	1.0	2.0	8.0	4.0	23	15.0	
30	BD	1.0	1.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
31																										0	
NO.:		30	30	30	30	30	30	30	28	27	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:		19.0	19.0	16.0	21.0	15.0	17.0	11.0	2.0	2.0	3.0	13.0	8.0	2.0	3.0	2.0	2.0	1.0	1.0	15.0	3.0	6.0	10.0	4.0			
AVG:		2.70	1.90	1.30	1.70	2.07	1.70	.90	.46	.33	.45	.86	.70	.43	.37	.30	.23	.10	.07	.63	.37	.73	1.77	.73			

MONTHLY OBSERVATIONS: 683 MONTHLY MEAN: .91 MONTHLY MAX: 21.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-013-0151 POC: 1
 COUNTY: (013) Beaufort
 CITY: (03840) Bath
 SITE ADDRESS: 229 NC Hwy 306N
 SITE COMMENTS: PRIVATE INDUSTRY SITE NORTH SIDE-TEXAS GULF
 MONITOR COMMENTS: 20

STATE: (37) North Carolina
 AQCR: (168) NORTHERN COASTAL PLAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 35.428000009
 LONGITUDE: -76.74
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 0
 PROBE HEIGHT: 184

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SPM
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JULY 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BD	.0	.0	.0	.0	.0	.0	.0	2.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	23	3.0	
2	BD	.0	.0	3.0	10.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	23	10.0	
3	BD	9.0	2.0	2.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	1.0	8.0	23	9.0	
4	BD	3.0	2.0	2.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	3.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	3.0	
5	BD	2.0	6.0	5.0	3.0	2.0	2.0	2.0	1.0	AX	1.0	1.0	4.0	4.0	1.0	1.0	.0	1.0	1.0	.0	.0	2.0	4.0	1.0	22	6.0	
6	BD	2.0	7.0	5.0	1.0	5.0	15.0	16.0	6.0	BC	BC	BC	BC	1.0	.0	.0	-1.0	-1.0	.0	3.0	.0	-1.0	-1.0	-1.0	19	16.0	
7	BD	.0	3.0	.0	.0	.0	1.0	.0	.0	.0	.0	2.0	1.0	1.0	-1.0	-1.0	-1.0	-1.0	1.0	.0	-1.0	-1.0	-1.0	.0	23	3.0	
8	BD	-1.0	-1.0	-1.0	-1.0	1.0	2.0	1.0	.0	.0	-1.0	-1.0	2.0	-1.0	-1.0	3.0	.0	-1.0	-1.0	-1.0	2.0	4.0	10.0	18.0	23	18.0	
9	BD	2.0	.0	.0	.0	9.0	4.0	1.0	.0	.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	.0	.0	-1.0	-1.0	-1.0	-1.0	-1.0	23	9.0	
10	BD	.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	.0	.0	.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	23	0.0
11	BD	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	.0	.0	.0	.0	.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	11.0	1.0	23	11.0	
12	BD	10.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-1.0	.0	.0	.0	-1.0	.0	-1.0	.0	.0	3.0	.0	.0	23	10.0	
13	BD	1.0	.0	.0	.0	-1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-1.0	-1.0	-1.0	-1.0	-1.0	23	1.0	
14	BD	-1.0	-1.0	-1.0	-1.0	-1.0	.0	.0	.0	.0	-1.0	.0	.0	.0	.0	.0	-1.0	-1.0	.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	23	0.0
15	BD	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	23	-1.0
16	BD	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	23	-1.0
17	BD	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	.0	23	0.0
18	BD	.0	.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	1.0	-1.0	-1.0	.0	.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	6.0	23	6.0
19	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	1.0	4.0	23	4.0	
20	BD	.0	.0	.0	.0	9.0	2.0	1.0	2.0	AX	BA	BA	BA	.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	19	9.0
21	BD	.0	-1.0	.0	3.0	5.0	4.0	4.0	4.0	6.0	2.0	.0	.0	.0	-1.0	.0	.0	.0	.0	.0	.0	1.0	3.0	6.0	23	6.0	
22	BD	19.0	5.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	4.0	4.0	.0	.0	.0	1.0	.0	.0	.0	.0	-1.0	.0	3.0	23	19.0	
23	BD	1.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.0	1.0	1.0	.0	1.0	1.0	2.0	3.0	1.0	-1.0	3.0	.0	.0	23	3.0	
24	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	23	1.0
25	BD	19.0	16.0	16.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-1.0	-1.0	.0	1.0	.0	.0	-1.0	-1.0	-1.0	-1.0	23	19.0	
26	BD	6.0	.0	.0	-1.0	-1.0	-1.0	.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	.0	2.0	2.0	.0	.0	.0	.0	.0	1.0	5.0	23	6.0	
27	BD	.0	.0	.0	.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	.0	1.0	.0	.0	.0	-1.0	-1.0	-1.0	-1.0	-1.0	.0	.0	1.0	23	1.0	
28	BD	11.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	.0	-1.0	-1.0	-1.0	.0	.0	.0	.0	1.0	7.0	1.0	23	11.0	
29	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	1.0	3.0	1.0	1.0	23	4.0	
30	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
31	BD	.0	.0	-1.0	-1.0	-1.0	.0	-1.0	-1.0	-1.0	.0	.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	23	0.0
NO.:		31	31	31	31	31	31	31	31	28	29	29	29	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		19.0	16.0	16.0	10.0	9.0	15.0	16.0	6.0	6.0	2.0	4.0	6.0	4.0	3.0	3.0	2.0	2.0	3.0	4.0	2.0	4.0	11.0	18.0			
AVG:		2.55	1.16	.81	.39	.77	.77	.68	.32	.14	0.00	.17	.38	-.03	-.19	-.03	-.23	-.23	-.23	-.23	-.39	.03	.81	1.42			

MONTHLY OBSERVATIONS: 704 MONTHLY MEAN: .39 MONTHLY MAX: 19.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-013-0151 POC: 1
 COUNTY: (013) Beaufort
 CITY: (03840) Bath
 SITE ADDRESS: 229 NC Hwy 306N
 SITE COMMENTS: PRIVATE INDUSTRY SITE NORTH SIDE-TEXAS GULF
 MONITOR COMMENTS: 20

STATE: (37) North Carolina
 AQCR: (168) NORTHERN COASTAL PLAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 35.428000009
 LONGITUDE: -76.74
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 0
 PROBE HEIGHT: 184

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

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT

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

REPORT FOR: AUGUST 2011

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BF	-1.0	.0	-1.0	-1.0	-1.0	-1.0	-1.0	.0	.0	.0	BA	BA	BA	.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	20	0.0	
2	BF	.0	-1.0	.0	-1.0	-1.0	.0	.0	.0	-1.0	.0	.0	.0	2.0	4.0	2.0	.0	.0	-1.0	.0	.0	.0	7.0	7.0	23	7.0	
3	BF	1.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	6.0	23	6.0	
4	BF	2.0	1.0	1.0	.0	.0	.0	.0	1.0	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	2.0	
5	BF	.0	-1.0	.0	.0	-1.0	-1.0	.0	.0	.0	.0	.0	-1.0	.0	-1.0	-1.0	.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	23	0.0	
6	BF	.0	.0	-1.0	-1.0	-1.0	-1.0	-1.0	.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	.0	2.0	2.0	5.0	23	5.0	
7	BF	13.0	6.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-1.0	.0	2.0	3.0	23	13.0	
8	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	2.0	23	5.0	
9	BF	.0	.0	.0	.0	.0	.0	1.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	23	2.0	
10	BF	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	5.0	.0	.0	.0	.0	.0	.0	.0	11.0	23	11.0	
11	BF	.0	.0	.0	.0	.0	.0	.0	2.0	2.0	1.0	1.0	2.0	3.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	3.0	
12	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
13	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-1.0	23	0.0	
14	BF	.0	.0	.0	.0	.0	-1.0	.0	.0	.0	.0	.0	.0	.0	-1.0	.0	.0	-1.0	-1.0	-1.0	.0	-1.0	.0	1.0	23	1.0	
15	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	23	1.0	
16	BF	.0	.0	.0	.0	.0	.0	.0	.0	BF	BA	BA	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20	1.0
17	BF	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
18	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
19	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
20	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.0	23	3.0	
21	BF	14.0	7.0	4.0	3.0	7.0	6.0	1.0	5.0	3.0	2.0	1.0	.0	.0	.0	.0	4.0	.0	1.0	1.0	.0	.0	.0	.0	23	14.0	
22	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
23	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
24	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
25	BF	.0	.0	.0	.0	.0	.0	.0	.0	BF	BF	BF	BA	BA	BA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	8	0.0
26	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
27	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
28	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
29	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
30	SA	SA	SA	SA	SA	SA	SA	SA	SA	BA	BA	BA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
31	SA	SA	SA	SA	SA	SA	SA	SA	SA	BA	BA	BC	BC	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11	0.0
NO.:		25	25	25	25	25	25	25	25	22	22	22	23	24	25	25	25	25	25	25	25	25	25	25	25		
MAX:		14.0	7.0	4.0	3.0	7.0	6.0	1.0	5.0	3.0	2.0	1.0	2.0	3.0	4.0	5.0	4.0	1.0	1.0	1.0	0.0	2.0	7.0	11.0			
AVG:		1.16	.48	.16	.04	.12	.08	0.00	.40	.27	.23	.14	.13	.25	.12	.16	.08	-.12	-.08	-.08	-.12	-.04	.72	1.40			

MONTHLY OBSERVATIONS: 563 MONTHLY MEAN: .24 MONTHLY MAX: 14.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-013-0151 POC: 1
 COUNTY: (013) Beaufort
 CITY: (03840) Bath
 SITE ADDRESS: 229 NC Hwy 306N
 SITE COMMENTS: PRIVATE INDUSTRY SITE NORTH SIDE-TEXAS GULF
 MONITOR COMMENTS: 20

STATE: (37) North Carolina
 AQCR: (168) NORTHERN COASTAL PLAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 35.428000009
 LONGITUDE: -76.74
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 0
 PROBE HEIGHT: 184

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SPM
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: SEPTEMBER 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
2	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
3	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
4	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	2.0
5	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	6.0
6	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	0.0
7	BD	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
8	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	8.0	6.0	3.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	23	8.0
9	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	1.0	23	4.0
10	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	8.0	1.0	.0	23	8.0
11	BD	1.0	1.0	1.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	23	2.0
12	BD	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	3.0	1.0	1.0	1.0	2.0	.0	.0	.0	12.0	14.0	2.0	.0	.0	.0	23	14.0
13	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	23	1.0
14	BD	1.0	.0	.0	.0	.0	.0	.0	1.0	2.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	2.0
15	BD	.0	1.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	23	1.0
16	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
17	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
18	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
19	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
20	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
21	BD	.0	.0	.0	.0	.0	.0	.0	BF	BF	BF	BA	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18	0.0
22	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
23	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	8.0	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	8.0
24	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
25	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
26	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
27	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
28	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
29	BD	.0	.0	1.0	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
30	BD	.0	2.0	4.0	3.0	2.0	1.0	1.0	1.0	1.0	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	4.0
31																									0	
NO.:	30	30	30	30	30	30	30	30	29	29	28	28	29	30	30	30	30	30	30	30	30	30	30	30	30	
MAX:	1.0	2.0	4.0	3.0	2.0	1.0	1.0	1.0	1.0	2.0	3.0	1.0	8.0	6.0	3.0	8.0	2.0	1.0	12.0	14.0	8.0	8.0	4.0	4.0	2.0	
AVG:	.07	.13	.20	.10	.07	.03	.03	.03	.21	.34	.39	.25	.66	.30	.23	.40	.10	.03	.40	.47	.37	.27	.17	.13		

MONTHLY OBSERVATIONS: 683 MONTHLY MEAN: .23 MONTHLY MAX: 14.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-013-0151 POC: 1
 COUNTY: (013) Beaufort
 CITY: (03840) Bath
 SITE ADDRESS: 229 NC Hwy 306N
 SITE COMMENTS: PRIVATE INDUSTRY SITE NORTH SIDE-TEXAS GULF
 MONITOR COMMENTS: 20

STATE: (37) North Carolina
 AQCR: (168) NORTHERN COASTAL PLAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 35.428000009
 LONGITUDE: -76.74
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 0
 PROBE HEIGHT: 184

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SPM
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: OCTOBER 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM			
1	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0		
2	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
3	BD	.0	.0	.0	1.0	2.0	7.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	7.0	
4	BD	.0	.0	.0	.0	.0	.0	.0	.0	BF	BF	BA	1.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	20	1.0	
5	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
6	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
7	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
8	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
9	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
10	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
11	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
12	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
13	BD	.0	.0	.0	.0	.0	.0	.0	.0	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	.0	23	6.0	
14	BD	11.0	2.0	6.0	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	11.0
15	BD	.0	.0	.0	.0	.0	.0	.0	.0	10.0	11.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	23	11.0
16	BD	1.0	1.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	10.0	5.0	18.0	5.0	18.0	23	18.0	
17	BD	1.0	1.0	1.0	1.0	1.0	1.0	AV	AV	2.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	4.0	1.0	1.0	1.0	1.0	7.0	11.0	.0	21	11.0		
18	BD	1.0	1.0	2.0	2.0	2.0	3.0	1.0	1.0	BF	BF	BF	BA	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19	3.0
19	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
20	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
21	BD	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	.0	1.0	16.0	10.0	2.0	.0	.0	23	16.0	
22	BD	1.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
23	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
24	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
25	BD	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
26	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	10.0	1.0	1.0	.0	.0	23	10.0	
27	BD	1.0	3.0	2.0	6.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	3.0	1.0	1.0	.0	.0	.0	.0	23	6.0	
28	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
29	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
30	BD	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	.0	1.0	.0	.0	23	1.0	
31	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	23	1.0	
NO.:		31	31	31	31	31	31	30	30	29	29	29	30	31	31	31	31	31	31	31	31	31	31	31	31	31			
MAX:		11.0	3.0	6.0	6.0	2.0	7.0	2.0	1.0	10.0	11.0	1.0	1.0	1.0	1.0	1.0	3.0	4.0	3.0	3.0	3.0	16.0	10.0	18.0	18.0				
AVG:		.61	.35	.45	.48	.32	.48	.30	.30	.90	.86	.48	.50	.45	.48	.45	.58	.48	.35	.29	.26	1.29	.74	1.29					

MONTHLY OBSERVATIONS: 704 MONTHLY MEAN: .55 MONTHLY MAX: 18.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

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 CITY: (03840) Bath
 SITE ADDRESS: 229 NC Hwy 306N
 SITE COMMENTS: PRIVATE INDUSTRY SITE NORTH SIDE-TEXAS GULF
 MONITOR COMMENTS: 20

STATE: (37) North Carolina
 AQCR: (168) NORTHERN COASTAL PLAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 35.428000009
 LONGITUDE: -76.74
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 0
 PROBE HEIGHT: 184

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SPM
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: NOVEMBER 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
2	BD	1.0	.0	.0	.0	.0	.0	.0	AZ	AZ	AZ	AZ	AZ	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	1.0	18	1.0	
3	BD	1.0	.0	.0	.0	.0	.0	.0	.0	BF	BF	BF	10.0	3.0	1.0	1.0	1.0	.0	.0	.0	1.0	.0	.0	.0	20	10.0	
4	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	1.0	.0	23	1.0	
5	BD	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
6	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	23	1.0	
7	BD	1.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	1.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
8	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
9	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
10	BD	.0	.0	.0	.0	.0	.0	.0	.0	AZ	AZ	AZ	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20	0.0	
11	BD	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
12	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	10.0	16.0	6.0	2.0	3.0	4.0	3.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	23	16.0	
13	BD	2.0	2.0	1.0	1.0	2.0	2.0	3.0	3.0	4.0	4.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	4.0	
14	BD	1.0	1.0	1.0	1.0	1.0	3.0	3.0	2.0	1.0	1.0	1.0	1.0	1.0	3.0	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	23	7.0	
15	BD	7.0	2.0	2.0	3.0	2.0	2.0	1.0	4.0	2.0	1.0	1.0	1.0	1.0	4.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	7.0	
16	BD	1.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	1.0	4.0	7.0	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	3.0	5.0	23	7.0	
17	BD	1.0	2.0	1.0	.0	.0	.0	.0	.0	1.0	BF	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	20	2.0	
18	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
19	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
20	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	5.0	6.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	7.0	3.0	3.0	2.0	1.0	23	7.0	
21	BD	2.0	1.0	2.0	2.0	5.0	3.0	4.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	23	5.0	
22	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
23	BD	1.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	1.0	.0	1.0	1.0	.0	1.0	.0	.0	.0	.0	23	1.0	
24	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
25	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	8.0	32.0	12.0	2.0	23	32.0	
26	BD	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
27	BD	1.0	4.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	.0	.0	23	4.0	
28	BD	1.0	1.0	1.0	.0	.0	1.0	1.0	1.0	1.0	1.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
29	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	23	2.0	
30	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	3.0	
31																										0	
NO.:	30	30	30	30	30	30	30	30	29	27	26	26	28	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	7.0	4.0	2.0	3.0	5.0	3.0	4.0	10.0	16.0	6.0	6.0	10.0	4.0	3.0	7.0	2.0	2.0	2.0	2.0	7.0	8.0	32.0	12.0	5.0			
AVG:	1.00	.73	.63	.57	.73	.83	.87	1.31	1.56	1.31	1.15	1.39	1.00	.93	1.17	.73	.63	.60	.73	.90	1.63	1.10	.77				

MONTHLY OBSERVATIONS: 676 MONTHLY MEAN: .96 MONTHLY MAX: 32.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-013-0151 POC: 1
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 CITY: (03840) Bath
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 MONITOR COMMENTS: 20

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 AQCR: (168) NORTHERN COASTAL PLAIN
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 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
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 PROBE HEIGHT: 184

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SPM
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: DECEMBER 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	BF	BF	BF	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	20	2.0
2	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
3	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	23	3.0
4	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
5	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
6	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
7	BD	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	23	2.0
8	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
9	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
10	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	3.0	4.0	4.0	5.0	5.0	4.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	23	5.0
11	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
12	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
13	BD	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
14	BD	1.0	1.0	1.0	1.0	1.0	1.0	2.0	3.0	5.0	BF	BF	BF	BA	3.0	2.0	3.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	19	5.0
15	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	5.0	5.0	6.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	23	6.0
16	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
17	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
18	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
19	BD	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	5.0	3.0	2.0	2.0	2.0	2.0	6.0	5.0	3.0	5.0	2.0	23	6.0
20	BD	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
21	BD	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	10.0	2.0	1.0	5.0	2.0	2.0	1.0	24.0	23	24.0	
22	BD	3.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	3.0
23	BD	1.0	1.0	5.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	5.0
24	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
25	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	5.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	5.0
26	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
27	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
28	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
29	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	BF	BF	2.0	2.0	2.0	2.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	21	2.0
30	BD	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	5.0	4.0	4.0	6.0	8.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	8.0
31	BD	1.0	1.0	4.0	3.0	4.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	4.0
NO.:		31	31	31	31	31	31	31	30	30	29	29	29	30	31	31	31	31	31	31	31	31	31	31		
MAX:		3.0	2.0	5.0	3.0	4.0	2.0	2.0	3.0	5.0	5.0	4.0	5.0	6.0	8.0	5.0	10.0	2.0	2.0	6.0	5.0	3.0	5.0	24.0		
AVG:		1.13	1.10	1.29	1.10	1.13	1.13	1.13	1.20	1.37	1.52	1.69	1.79	1.77	1.81	1.52	1.84	1.19	1.06	1.32	1.16	1.16	1.13	1.77		

MONTHLY OBSERVATIONS: 704 MONTHLY MEAN: 1.36 MONTHLY MAX: 24.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-037-0004 POC: 1
 COUNTY: (037) Chatham
 CITY: (52660) Pittsboro
 SITE ADDRESS: 325 Russett Run Road
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 35.757222
 LONGITUDE: -79.159722
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 121
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JANUARY 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
2	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
3	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
4	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
5	BD	.0	.0	.0	.0	.0	.0	BC	BC	BC	BC	BC	BC	BC	BC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	15	1.0
6	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	3.0
7	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	1.0	23	1.0	
8	BD	1.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
9	BD	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	3.0
10	BD	2.0	4.0	5.0	4.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	5.0
11	BD	2.0	2.0	1.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	3.0
12	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	23	2.0
13	BD	2.0	2.0	2.0	2.0	1.0	1.0	2.0	2.0	4.0	5.0	4.0	4.0	4.0	4.0	5.0	4.0	3.0	1.0	1.0	1.0	1.0	1.0	5.0	23	5.0	
14	BD	2.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	5.0	5.0	4.0	3.0	3.0	3.0	3.0	3.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	5.0
15	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	4.0	4.0	4.0	3.0	3.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	4.0
16	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
17	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	2.0	1.0	1.0	1.0	23	3.0
18	BD	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
19	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	BF	BF	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	21	1.0
20	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	7.0	6.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	7.0
21	BD	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	23	2.0
22	BD	2.0	2.0	2.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	4.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	4.0
23	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
24	BD	1.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.0	3.0	3.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	4.0
25	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
26	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
27	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	3.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	3.0
28	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
29	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
30	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	3.0	4.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	4.0
31	BD	2.0	2.0	2.0	4.0	4.0	3.0	4.0	3.0	4.0	5.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	23	5.0
NO.:		31	31	31	31	31	31	30	30	29	29	30	30	30	30	31	31	31	31	31	31	31	31	31	31		
MAX:		2.0	4.0	5.0	4.0	4.0	3.0	4.0	3.0	5.0	5.0	4.0	4.0	4.0	7.0	6.0	4.0	3.0	2.0	2.0	3.0	2.0	2.0	2.0	5.0		
AVG:		1.03	1.06	1.06	1.23	1.23	1.23	1.27	1.37	1.86	2.00	2.00	1.90	1.80	1.83	1.77	1.55	1.23	.94	.94	.94	.94	.90	1.10			

MONTHLY OBSERVATIONS: 703 MONTHLY MEAN: 1.35 MONTHLY MAX: 7.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-037-0004 POC: 1
 COUNTY: (037) Chatham
 CITY: (52660) Pittsboro
 SITE ADDRESS: 325 Russett Run Road
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 35.757222
 LONGITUDE: -79.159722
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 121
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: FEBRUARY 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM		
1	BD	2.0	2.0	2.0	2.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	2.0	8.0	8.0	15.0	6.0	1.0	5.0	3.0	1.0	18.0	14.0	23	18.0		
2	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	BF	BF	BF	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	20	2.0		
3	BD	2.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	2.0	2.0	23	2.0		
4	BD	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0		
5	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	6.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	23	6.0		
6	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0		
7	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	5.0	2.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	23	5.0		
8	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0		
9	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	3.0	2.0	3.0	6.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	2.0	2.0	2.0	5.0	23	6.0		
10	BD	3.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	3.0		
11	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0		
12	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0		
13	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	23	3.0		
14	BD	2.0	2.0	2.0	2.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	23	2.0		
15	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	3.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	3.0		
16	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	BF	BF	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	21	2.0		
17	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0		
18	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0		
19	BD	1.0	2.0	1.0	2.0	1.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0		
20	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	4.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	23	4.0		
21	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0		
22	BD	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0		
23	BD	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	2.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0		
24	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0		
25	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	23	2.0		
26	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0		
27	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0		
28	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0		
29																										0		
30																											0	
31																											0	
NO.:	28	28	28	28	28	28	28	28	27	27	27	28	28	28	27	27	28	28	28	28	28	28	28	28	28			
MAX:	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	4.0	3.0	6.0	5.0	8.0	8.0	15.0	6.0	2.0	5.0	3.0	2.0	18.0	14.0				
AVG:	1.21	1.14	1.14	1.21	1.04	1.18	1.18	1.26	1.48	1.37	1.36	1.54	1.39	1.54	1.48	1.74	1.32	1.04	1.14	1.11	1.11	1.79	1.79					

MONTHLY OBSERVATIONS: 639 MONTHLY MEAN: 1.33 MONTHLY MAX: 18.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-037-0004 POC: 1
 COUNTY: (037) Chatham
 CITY: (52660) Pittsboro
 SITE ADDRESS: 325 Russett Run Road
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 35.757222
 LONGITUDE: -79.159722
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 121
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SPM
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MARCH 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
2	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	BF	BF	BF	1.0	1.0	1.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	20	2.0	
3	BD	2.0	4.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	4.0	
4	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
5	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	18.0	9.0	1.0	1.0	1.0	1.0	1.0	3.0	4.0	6.0	13.0	11.0	19.0	18.0	20.0	23	20.0	
6	BD	2.0	9.0	3.0	1.0	1.0	5.0	9.0	5.0	4.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	23	9.0	
7	BD	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
8	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
9	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
10	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
11	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
12	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	23	2.0	
13	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
14	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
15	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
16	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	BF	BF	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	21	1.0	
17	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
18	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
19	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
20	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	23	2.0
21	BD	5.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	5.0	
22	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
23	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	AV	1.0	1.0	1.0	1.0	22	2.0	
24	BD	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
25	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	3.0	1.0	1.0	2.0	3.0	2.0	1.0	1.0	1.0	1.0	1.0	23	3.0	
26	BD	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
27	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
28	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
29	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	3.0	9.0	3.0	1.0	1.0	1.0	1.0	1.0	15.0	23	15.0	
30	BD	13.0	5.0	2.0	1.0	3.0	1.0	BF	BF	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	21	13.0	
31	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
NO.:		31	31	31	31	31	31	30	29	30	30	31	30	30	31	31	31	31	31	30	31	31	31	31			
MAX:		13.0	9.0	3.0	2.0	3.0	5.0	9.0	5.0	18.0	9.0	2.0	2.0	3.0	2.0	2.0	3.0	9.0	6.0	13.0	11.0	19.0	18.0	20.0			
AVG:		1.61	1.52	1.19	1.10	1.13	1.16	1.30	1.31	1.87	1.47	1.23	1.20	1.20	1.13	1.13	1.23	1.48	1.26	1.40	1.32	1.61	1.61	2.13			

MONTHLY OBSERVATIONS: 705 MONTHLY MEAN: 1.37 MONTHLY MAX: 20.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-037-0004 POC: 1
 COUNTY: (037) Chatham
 CITY: (52660) Pittsboro
 SITE ADDRESS: 325 Russett Run Road
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 35.757222
 LONGITUDE: -79.159722
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 121
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SPM
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: APRIL 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	4.0	3.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	4.0	
2	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
3	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
4	BD	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
5	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
6	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
7	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
8	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	23	2.0	
9	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
10	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	9.0	8.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	23	9.0	
11	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	BF	BF	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	21	1.0	
12	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
13	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
14	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	5.0	3.0	1.0	1.0	1.0	1.0	1.0	23	5.0	
15	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
16	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
17	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
18	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
19	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	2.0	1.0	23	2.0	
20	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
21	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	4.0	3.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	23	4.0	
22	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
23	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
24	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
25	BD	1.0	1.0	1.0	1.0	1.0	1.0	BF	BF	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	21	1.0	
26	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
27	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
28	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
29	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
30	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
31																										0	
NO.:	30	30	30	30	30	30	30	29	29	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	3.0	2.0	2.0	4.0	9.0	8.0	3.0	5.0	3.0	2.0	2.0	1.0	2.0	1.0	2.0	1.0	1.0
AVG:	1.00	1.00	1.00	1.03	1.03	1.03	1.03	1.03	1.14	1.24	1.14	1.10	1.10	1.17	1.37	1.33	1.13	1.17	1.10	1.03	1.07	1.00	1.03	1.00	1.03	1.00	1.00

MONTHLY OBSERVATIONS: 686 MONTHLY MEAN: 1.10 MONTHLY MAX: 9.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-037-0004 POC: 1
 COUNTY: (037) Chatham
 CITY: (52660) Pittsboro
 SITE ADDRESS: 325 Russett Run Road
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 35.757222
 LONGITUDE: -79.159722
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 121
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SPM
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MAY 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
2	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
3	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
4	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
5	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
6	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
7	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
8	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
9	BD	1.0	1.0	1.0	1.0	1.0	1.0	BF	BF	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	21	1.0	
10	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
11	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
12	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
13	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	3.0	
14	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
15	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
16	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
17	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	3.0	
18	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
19	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	AZ	AZ	AZ	AZ	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	19	1.0	
20	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	23	1.0	
21	BD	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	1.0	.0	23	1.0	
22	BD	1.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
23	BD	1.0	.0	.0	.0	.0	.0	BF	BF	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	21	1.0	
24	BD	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	23	1.0	
25	BD	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	23	2.0	
26	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	23	1.0	
27	BD	1.0	.0	.0	2.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	23	2.0	
28	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	23	1.0	
29	BD	1.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
30	BD	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	23	1.0	
31	BD	1.0	.0	.0	.0	.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	.0	.0	.0	.0	.0	.0	23	2.0	
NO.:		31	31	31	31	31	31	29	28	30	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		1.0	1.0	1.0	2.0	1.0	1.0	1.0	2.0	3.0	2.0	2.0	2.0	1.0	1.0	3.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0		
AVG:		.81	.65	.65	.71	.68	.71	.79	.93	1.10	.93	1.00	.94	.90	.94	1.03	1.00	.97	.87	.68	.65	.65	.68	.61			

MONTHLY OBSERVATIONS: 705 MONTHLY MEAN: .82 MONTHLY MAX: 3.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-037-0004 POC: 1
 COUNTY: (037) Chatham
 CITY: (52660) Pittsboro
 SITE ADDRESS: 325 Russett Run Road
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 35.757222
 LONGITUDE: -79.159722
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 121
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JUNE 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BD	1.0	.0	.0	.0	.0	.0	.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	23	2.0	
2	BD	1.0	1.0	.0	.0	.0	.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	23	2.0	
3	BD	.0	.0	.0	.0	.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	23	2.0	
4	BD	.0	.0	1.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	23	1.0	
5	BD	1.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	1.0	.0	23	1.0	
6	BD	1.0	.0	.0	.0	.0	.0	BF	BF	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	.0	.0	.0	.0	.0	21	2.0	
7	BD	1.0	.0	1.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0	23	1.0	
8	BD	1.0	1.0	.0	1.0	.0	.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	23	2.0	
9	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	1.0	.0	.0	23	1.0	
10	BD	1.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	1.0	3.0	23	3.0	
11	BD	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	23	2.0	
12	BD	1.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	23	1.0	
13	BD	1.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	23	1.0	
14	BD	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	.0	.0	.0	.0	.0	23	2.0	
15	BD	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	7.0	23	7.0	
16	BD	1.0	1.0	1.0	.0	.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	23	2.0	
17	BD	1.0	1.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	23	1.0	
18	BD	1.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	1.0	.0	23	1.0	
19	BD	1.0	.0	1.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	23	1.0	
20	BD	1.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	BF	BF	1.0	1.0	1.0	.0	.0	.0	.0	.0	21	1.0	
21	BD	.0	.0	.0	.0	.0	.0	1.0	3.0	12.0	11.0	7.0	4.0	3.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	12.0	
22	BD	.0	.0	.0	.0	.0	.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	23	1.0	
23	BD	1.0	1.0	1.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	.0	1.0	.0	.0	.0	.0	.0	23	1.0	
24	BD	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
25	BD	1.0	1.0	1.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	1.0	.0	23	1.0	
26	BD	1.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	23	1.0	
27	BD	1.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	5.0	3.0	1.0	1.0	1.0	5.0	1.0	1.0	1.0	1.0	23	5.0	
28	BD	1.0	1.0	1.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	.0	.0	.0	.0	.0	23	1.0	
29	BD	1.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	23	1.0	
30	BD	1.0	.0	.0	.0	.0	.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	23	2.0	
31																										0	
NO.:	30	30	30	30	30	30	30	29	29	30	30	30	30	30	29	29	30	30	30	30	30	30	30	30	30		
MAX:	2.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	3.0	12.0	11.0	7.0	4.0	3.0	5.0	3.0	2.0	1.0	1.0	5.0	1.0	1.0	1.0	1.0	7.0		
AVG:	.83	.30	.33	.13	.10	.23	.86	1.07	1.53	1.50	1.37	1.17	1.07	1.14	1.00	1.00	.90	.83	.43	.13	.10	.23	.47				

MONTHLY OBSERVATIONS: 686 MONTHLY MEAN: .73 MONTHLY MAX: 12.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-037-0004 POC: 1
 COUNTY: (037) Chatham
 CITY: (52660) Pittsboro
 SITE ADDRESS: 325 Russett Run Road
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 35.757222
 LONGITUDE: -79.159722
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 121
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SPM
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JULY 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BD	1.0	1.0	1.0	.0	.0	BF	BF	BF	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	20	2.0
2	BD	1.0	.0	.0	.0	.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	1.0	23	1.0
3	BD	1.0	1.0	.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	1.0	23	1.0
4	BD	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	23	1.0
5	BD	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	23	1.0
6	BD	1.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0	1.0	1.0	1.0	3.0	1.0	1.0	.0	1.0	1.0	.0	23	3.0
7	BD	1.0	.0	1.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	23	2.0
8	BD	1.0	1.0	1.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	.0	.0	1.0	1.0	1.0	23	1.0
9	BD	1.0	.0	1.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	.0	.0	.0	.0	23	1.0
10	BD	1.0	.0	1.0	.0	.0	.0	.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	23	2.0
11	BD	1.0	1.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	23	1.0
12	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	.0	23	1.0
13	BD	1.0	.0	1.0	.0	.0	.0	1.0	1.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	23	2.0
14	BD	1.0	1.0	1.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	23	1.0
15	BD	1.0	.0	1.0	.0	.0	1.0	BF	BF	1.0	1.0	1.0	1.0	.0	.0	1.0	1.0	1.0	1.0	.0	.0	1.0	1.0	1.0	21	1.0
16	BD	1.0	1.0	.0	.0	.0	.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	23	2.0
17	BD	1.0	.0	1.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	23	1.0
18	BD	1.0	1.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	.0	23	2.0
19	BD	1.0	.0	1.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	23	1.0
20	BD	1.0	.0	1.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	23	1.0
21	BD	1.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	1.0	.0	1.0	.0	1.0	.0	.0	.0	.0	23	1.0
22	BD	1.0	1.0	1.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	1.0	1.0	23	1.0
23	BD	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	1.0	23	1.0
24	BD	1.0	1.0	1.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
25	BD	1.0	1.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
26	BD	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	1.0	.0	1.0	1.0	.0	.0	.0	.0	23	1.0
27	BD	1.0	.0	.0	.0	.0	.0	BF	BF	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	21	2.0
28	BD	1.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	23	1.0
29	BD	1.0	.0	1.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	23	1.0
30	BD	1.0	.0	1.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	23	1.0
31	BD	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
NO.:		31	31	31	31	31	30	28	28	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	2.0	3.0	1.0	1.0	1.0	2.0	1.0	1.0		
AVG:		1.00	.42	.61	.13	.06	.20	.61	.89	.97	.97	1.03	1.00	.94	.81	.81	.94	.90	.87	.65	.26	.26	.29	.29		

MONTHLY OBSERVATIONS: 706 MONTHLY MEAN: .65 MONTHLY MAX: 3.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-037-0004 POC: 1
 COUNTY: (037) Chatham
 CITY: (52660) Pittsboro
 SITE ADDRESS: 325 Russett Run Road
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 35.757222
 LONGITUDE: -79.159722
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 121
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SPM
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: AUGUST 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BD	1.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	23	2.0
2	BD	1.0	.0	1.0	.0	.0	.0	1.0	2.0	4.0	3.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	1.0	1.0	1.0	.0	.0	.0	23	4.0
3	BD	1.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	23	2.0
4	BD	1.0	1.0	1.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	1.0	.0	23	1.0
5	BD	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	23	1.0
6	BD	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	23	1.0
7	BD	1.0	.0	1.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	23	1.0
8	BD	1.0	.0	1.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	.0	1.0	.0	1.0	23	1.0
9	BD	1.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	23	1.0
10	BD	1.0	.0	1.0	.0	.0	BF	BF	BF	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	20	1.0
11	BD	1.0	.0	1.0	.0	.0	.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	.0	1.0	.0	23	2.0
12	BD	1.0	.0	.0	1.0	1.0	BF	BF	BF	1.0	1.0	1.0	1.0	1.0	2.0	6.0	3.0	7.0	1.0	1.0	1.0	1.0	1.0	1.0	20	7.0
13	BD	1.0	1.0	1.0	1.0	.0	.0	1.0	1.0	3.0	1.0	1.0	1.0	1.0	3.0	3.0	6.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	6.0
14	BD	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
15	BD	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	23	1.0
16	BD	1.0	1.0	1.0	1.0	.0	.0	BC	BC	BC	BC	BC	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18	1.0
17	BD	.0	.0	.0	.0	.0	.0	.0	.0	8.0	3.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	8.0
18	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
19	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	23	1.0
20	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	23	1.0
21	BD	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	3.0	3.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	23	3.0
22	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
23	BD	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	23	2.0
24	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
25	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	23	1.0
26	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
27	BD	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
28	BD	1.0	1.0	1.0	1.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	23	1.0
29	BD	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	23	1.0
30	BD	.0	.0	.0	.0	.0	BF	BF	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	1.0
31	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
NO.:		31	31	31	31	31	28	27	28	30	30	30	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	8.0	3.0	2.0	3.0	3.0	3.0	3.0	6.0	6.0	7.0	1.0	1.0	1.0	1.0	1.0	1.0	
AVG:		.58	.26	.42	.23	.13	.11	.22	.57	1.10	.90	.93	.87	.81	.71	.71	.90	.90	.65	.45	.35	.23	.23	.19		

MONTHLY OBSERVATIONS: 700 MONTHLY MEAN: .54 MONTHLY MAX: 8.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-037-0004 POC: 1
 COUNTY: (037) Chatham
 CITY: (52660) Pittsboro
 SITE ADDRESS: 325 Russett Run Road
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 35.757222
 LONGITUDE: -79.159722
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 121
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SPM
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: SEPTEMBER 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
2	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	2.0	2.0	.0	.0	.0	.0	.0	.0	.0	23	2.0	
3	BD	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	2.0	1.0	.0	2.0	5.0	2.0	1.0	.0	.0	.0	.0	.0	23	5.0	
4	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	.0	2.0	3.0	3.0	4.0	1.0	.0	.0	.0	.0	.0	23	4.0	
5	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
6	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
7	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
8	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
9	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
10	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
11	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
12	BD	.0	.0	.0	.0	.0	.0	.0	.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	23	3.0	
13	BD	.0	.0	.0	.0	.0	.0	BF	BF	BF	BF	BF	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17	0.0	
14	BD	.0	.0	.0	.0	.0	.0	.0	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	7	0.0
15	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BC	BC	BC	BC	BC	BC	.0	.0	.0	.0	4	0.0
16	BD	1.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
17	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
18	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
19	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
20	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
21	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
22	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
23	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
24	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
25	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	23	2.0	
26	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	12.0	9.0	1.0	3.0	7.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	12.0	
27	BD	.0	.0	.0	.0	.0	BF	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20	0.0	
28	BD	AV	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	1.0	
29	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
30	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
31																									0		
NO.:	28	29	29	29	29	28	27	26	27	27	27	27	28	28	28	28	28	28	28	28	29	29	29	29			
MAX:	1.0	1.0	1.0	1.0	1.0	1.0	0.0	1.0	3.0	1.0	1.0	2.0	12.0	9.0	2.0	5.0	7.0	4.0	1.0	0.0	0.0	0.0	0.0	0.0	2.0		
AVG:	.04	.03	.03	.03	.03	.04	0.00	.04	.19	.22	.22	.26	.54	.39	.29	.61	.46	.21	.04	0.00	0.00	0.00	0.00	.07			

MONTHLY OBSERVATIONS: 645 MONTHLY MEAN: .16 MONTHLY MAX: 12.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-037-0004 POC: 1
 COUNTY: (037) Chatham
 CITY: (52660) Pittsboro
 SITE ADDRESS: 325 Russett Run Road
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 35.757222
 LONGITUDE: -79.159722
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 121
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SPM
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: OCTOBER 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BD	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
2	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
3	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
4	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
5	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
6	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
7	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
8	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	23	2.0	
9	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
10	BD	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	2.0	
11	BD	.0	.0	.0	.0	.0	.0	.0	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	0.0	
12	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
13	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
14	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
15	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
16	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
17	BD	1.0	1.0	.0	1.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	1.0	23	1.0	
18	BD	1.0	1.0	1.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
19	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
20	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
21	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
22	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
23	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
24	BD	.0	.0	.0	.0	.0	.0	.0	.0	3.0	10.0	3.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	10.0	
25	BD	.0	.0	.0	.0	.0	.0	BF	BF	1.0	2.0	3.0	2.0	2.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	21	3.0	
26	BD	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
27	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
28	BD	1.0	1.0	1.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
29	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	23	1.0	
30	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	2.0	
31	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
NO.:	31	31	31	31	31	31	31	30	29	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	1.0	3.0	10.0	3.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0		
AVG:	.10	.10	.06	.03	0.00	0.00	0.00	0.00	.21	.70	1.03	.84	.52	.55	.52	.42	.35	.06	.03	0.00	0.00	0.00	0.00	0.00	.03		

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: .24 MONTHLY MAX: 10.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-037-0004 POC: 1
 COUNTY: (037) Chatham
 CITY: (52660) Pittsboro
 SITE ADDRESS: 325 Russett Run Road
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 35.757222
 LONGITUDE: -79.159722
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 121
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: NOVEMBER 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
2	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
3	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
4	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	23	2.0	
5	BD	1.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
6	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
7	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
8	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	BF	BF	.0	.0	.0	.0	.0	.0	21	2.0	
9	BD	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	.0	.0	23	1.0	
10	BD	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	23	1.0	
11	BD	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	23	1.0	
12	BD	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	23	1.0	
13	BD	.0	.0	1.0	1.0	1.0	1.0	2.0	3.0	2.0	2.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	3.0	
14	BD	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	1.0	1.0	23	1.0	
15	BD	.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	.0	.0	.0	1.0	23	2.0	
16	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	23	1.0	
17	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	23	1.0	
18	BD	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	1.0	23	2.0	
19	BD	.0	.0	.0	1.0	.0	1.0	1.0	1.0	3.0	2.0	2.0	4.0	9.0	2.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	9.0	
20	BD	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	.0	.0	.0	23	1.0	
21	BD	.0	.0	.0	.0	.0	.0	.0	1.0	AZ	AZ	AZ	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20	1.0	
22	BD	.0	.0	.0	.0	.0	.0	BF	BF	BF	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20	1.0	
23	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	23	1.0	
24	BD	.0	.0	.0	.0	1.0	.0	.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	23	2.0	
25	BD	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	.0	1.0	1.0	.0	.0	.0	.0	23	1.0	
26	BD	.0	.0	.0	.0	.0	1.0	.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	1.0	.0	23	2.0	
27	BD	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	1.0	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
28	BD	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
29	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
30	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
31																										0	
NO.:	30	30	30	30	30	30	30	29	29	28	29	29	30	30	30	30	29	29	30	30	30	30	30	30			
MAX:	1.0	1.0	1.0	2.0	1.0	1.0	1.0	2.0	3.0	3.0	2.0	2.0	4.0	9.0	2.0	2.0	2.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0			
AVG:	.03	.10	.13	.33	.33	.37	.48	.62	.86	.93	.76	.83	.97	.70	.63	.66	.48	.47	.43	.33	.23	.23	.23	.20			

MONTHLY OBSERVATIONS: 682 MONTHLY MEAN: .48 MONTHLY MAX: 9.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-037-0004 POC: 1
 COUNTY: (037) Chatham
 CITY: (52660) Pittsboro
 SITE ADDRESS: 325 Russett Run Road
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 35.757222
 LONGITUDE: -79.159722
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 121
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SPM
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: DECEMBER 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BD	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	2.0	3.0	3.0	3.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	23	3.0	
2	BD	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
3	BD	.0	.0	.0	.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	3.0
4	BD	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
5	BD	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	1.0	23	1.0	
6	BD	.0	.0	.0	.0	.0	.0	.0	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	0.0	
7	BD	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	2.0	23	2.0	
8	BD	.0	.0	.0	.0	.0	.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	.0	.0	.0	23	2.0	
9	BD	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	3.0
10	BD	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
11	BD	.0	.0	.0	.0	.0	.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	.0	1.0	.0	.0	23	2.0	
12	BD	.0	.0	.0	.0	1.0	.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
13	BD	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
14	BD	.0	.0	.0	.0	.0	1.0	1.0	1.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	23	3.0
15	BD	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	23	1.0
16	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	23	1.0
17	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
18	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	.0	.0	1.0	1.0	1.0	.0	23	2.0
19	BD	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
20	BD	.0	.0	.0	.0	.0	1.0	BF	BF	BF	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	20	1.0
21	BD	.0	.0	.0	.0	.0	.0	.0	1.0	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
22	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	23	1.0
23	BD	.0	1.0	.0	.0	.0	.0	.0	1.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	23	2.0
24	BD	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	1.0	.0	23	1.0
25	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	23	1.0
26	BD	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	23	1.0
27	BD	.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	.0	.0	1.0	1.0	1.0	1.0	23	1.0
28	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	.0	.0	.0	23	1.0
29	BD	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	.0	.0	.0	23	1.0
30	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	23	2.0
31	BD	1.0	1.0	1.0	1.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	.0	23	1.0
NO.:		31	31	31	31	31	31	30	29	29	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		1.0	1.0	1.0	1.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	2.0	
AVG:		.03	.06	.03	.03	.16	.26	.47	.83	1.17	1.29	1.32	1.26	1.13	1.10	1.13	1.06	.81	.65	.65	.65	.61	.55	.52			

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: .68 MONTHLY MAX: 3.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-067-0022 POC: 1
 COUNTY: (067) Forsyth
 CITY: (75000) Winston-Salem
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.
 MONITOR COMMENTS: ML 8850 ANALYZER/CHANGED TO API 100A 2/96

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (9220) WINSTON-SALEM, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
 LATITUDE: 36.110556
 LONGITUDE: -80.226667
 UTM ZONE: 17
 UTM NORTHING: 3996287
 UTM EASTING: 569604
 ELEVATION-MSL: 284
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCENCE
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JANUARY 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.0	.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
4	1.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	.0	.0	24	2.0
5	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	2.0	2.0	24	2.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
7	.0	.0	.0	.0	.0	.0	.0	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	24	2.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
10	.0	.0	.0	.0	.0	2.0	2.0	1.0	1.0	1.0	1.0	2.0	3.0	6.0	4.0	2.0	1.0	3.0	5.0	2.0	3.0	4.0	2.0	.0	24	6.0
11	1.0	1.0	1.0	1.0	.0	.0	.0	1.0	.0	1.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
12	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	1.0
13	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	24	1.0
14	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	2.0	2.0	1.0	.0	.0	.0	.0	1.0	1.0	2.0	1.0	1.0	2.0	1.0	24	2.0
15	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	24	2.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	.0	24	1.0
17	.0	.0	.0	.0	1.0	1.0	2.0	3.0	3.0	3.0	2.0	2.0	3.0	4.0	6.0	4.0	3.0	3.0	2.0	2.0	3.0	1.0	1.0	.0	24	6.0
18	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.0	.0	.0	1.0	2.0	.0	24	2.0
19	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	24	1.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
22	.0	.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	2.0	3.0	3.0	3.0	2.0	1.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	24	3.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	24	1.0
24	1.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	3.0	BF	3.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	23	3.0
25	1.0	1.0	1.0	1.0	.0	.0	.0	.0	1.0	1.0	3.0	7.0	6.0	7.0	6.0	3.0	1.0	1.0	1.0	.0	.0	.0	1.0	1.0	24	7.0
26	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	BC	BC	BC	BC	.2	.2	.1	.5	.1	.3	1.0	.9	.8	.7	20	1.0
27	.5	.2	.1	.1	.1	.1	.2	.4	.4	.4	.4	.5	.4	.4	.4	.4	.7	1.0	.6	.8	1.2	.8	1.0	.7	24	1.2
28	.9	.7	.8	.7	.7	1.0	1.1	.9	.9	1.0	.8	.9	.6	.4	.4	.5	.7	.6	.6	.6	.6	.7	.6	.5	24	1.1
29	1.0	.4	.9	.5	.6	.7	.6	.6	.9	.8	1.2	1.4	1.8	.9	1.0	1.0	.9	.4	.4	.5	.6	.7	.6	.6	24	1.8
30	.6	.4	.5	.5	.8	.6	.6	.6	.8	1.4	1.5	2.0	1.4	1.0	.8	.8	.8	.7	.8	.8	.9	.8	2.7	3.0	24	3.0
31	5.3	5.3	3.3	3.6	3.4	3.6	3.4	3.3	3.4	3.6	3.2	3.0	3.1	3.5	3.5	3.5	3.6	3.6	3.3	3.3	4.4	4.7	5.5	5.8	24	5.8
NO.:	31	31	31	31	31	31	31	31	31	31	30	30	29	29	31	30	31	31	31	31	31	31	31	31		
MAX:	5.3	5.3	3.3	3.6	3.4	3.6	3.4	3.3	3.4	3.6	3.2	7.0	6.0	7.0	6.0	4.0	3.6	3.6	5.0	3.3	4.4	4.7	5.5	5.8		
AVG:	.49	.45	.44	.43	.44	.58	.58	.64	.72	.75	.94	1.09	1.08	1.14	1.04	.64	.63	.71	.74	.56	.70	.57	.81	.56		

MONTHLY OBSERVATIONS: 737 MONTHLY MEAN: .69 MONTHLY MAX: 7.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-067-0022 POC: 1
 COUNTY: (067) Forsyth
 CITY: (75000) Winston-Salem
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.
 MONITOR COMMENTS: ML 8850 ANALYZER/CHANGED TO API 100A 2/96

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (9220) WINSTON-SALEM, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
 LATITUDE: 36.110556
 LONGITUDE: -80.226667
 UTM ZONE: 17
 UTM NORTHING: 3996287
 UTM EASTING: 569604
 ELEVATION-MSL: 284
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCENCE
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: FEBRUARY 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	5.7	5.7	5.5	6.6	6.7	5.6	5.2	4.0	3.3	3.8	5.7	4.5	4.1	BF	BF	2.6	2.2	1.6	1.2	.9	.7	.5	.5	.3	22	6.7	
2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4	.5	.4	.4	1.6	.5	.1	.2	.3	.6	1.1	1.1	.9	.7	.7	24	1.6	
3	.8	.6	.5	.6	.6	.6	.6	.6	.7	.6	.7	.8	1.2	1.5	1.2	1.3	1.3	1.7	2.2	2.3	3.0	2.5	1.8	1.6	24	3.0	
4	1.4	1.2	1.1	1.1	1.0	.9	1.0	.9	.7	.8	1.5	2.0	2.9	2.7	1.5	1.0	.8	.6	.4	.3	.2	.8	.4	.2	24	2.9	
5	.3	.6	.7	.8	.9	1.0	.6	.7	.7	.6	.5	.4	.3	.3	.2	.2	.1	.1	.1	.1	.0	.0	.1	.1	24	1.0	
6	.1	.2	.2	.4	.2	.1	.2	.3	.4	.6	1.0	.6	.6	.7	.8	.6	.4	.3	.4	.4	.3	.4	.4	.7	24	1.0	
7	.7	.6	.7	.4	.2	.2	.4	.5	.5	1.0	1.1	1.0	1.1	.8	.3	.3	.3	.3	.7	.7	1.1	2.1	1.6	1.1	24	2.1	
8	.8	.7	.3	.3	.4	.7	.8	.7	.5	.4	.4	.4	.4	.5	.6	.7	.7	.5	.2	.1	.3	.3	.4	.4	24	.8	
9	.5	.6	.7	.7	.8	1.1	1.1	1.1	1.9	1.5	2.7	1.6	1.4	1.6	2.0	2.3	1.1	1.4	2.0	1.6	1.6	1.6	1.2	1.1	24	2.7	
10	.8	.5	.2	.3	.2	.1	.1	.2	.2	.2	.3	.5	.7	.7	.7	.6	.5	.4	.5	.8	.9	.7	.8	1.2	24	1.2	
11	.9	.9	1.2	1.2	.4	.5	.4	.8	1.6	1.8	1.4	.9	.7	.5	.4	.5	.5	.4	.5	.6	.6	.7	2.9	2.8	24	2.9	
12	2.0	1.9	1.5	1.1	1.1	1.0	1.1	1.2	1.0	.8	.9	.8	.6	.5	.4	.6	1.0	.9	.9	1.0	1.1	1.3	1.4	1.3	24	2.0	
13	1.1	1.1	1.0	.8	.6	.4	.4	.8	1.1	1.0	.8	.8	.9	.7	.5	.4	.4	.3	.2	.3	.3	.2	.3	.3	24	1.1	
14	.4	.4	.5	.6	.7	.8	.9	.8	.9	.9	1.8	1.1	1.2	1.6	.7	.7	.8	.6	.4	.6	.6	.6	.4	.4	24	1.8	
15	.4	.3	.5	.8	1.3	1.3	1.2	1.1	.4	.3	.3	.4	BF	BF	.7	.8	.8	.7	.7	.7	.6	.6	.6	.8	22	1.3	
16	1.0	.9	1.0	1.1	.9	1.3	1.4	1.4	1.6	1.8	2.0	1.5	1.2	1.0	1.0	1.0	1.1	1.1	1.0	1.3	1.4	1.5	1.2	24	2.0		
17	.8	.9	.5	.5	.4	.3	.4	.6	1.0	1.2	2.1	2.4	1.0	.6	.4	.2	.2	.2	.3	.3	.3	.2	.2	.2	24	2.4	
18	.2	.2	.2	.2	.4	.2	.1	.2	.4	.6	1.1	1.0	.6	.5	.3	.1	.0	.0	.1	.2	.1	.1	.2	.5	24	1.1	
19	.8	.9	1.0	1.1	1.1	1.1	1.2	.9	.5	.3	.5	.7	.5	.4	.4	.3	.3	.4	.5	.6	.9	1.0	1.3	1.3	24	1.3	
20	.7	.5	.4	.4	.4	.8	1.5	2.1	2.5	1.8	1.6	2.3	1.9	1.3	.8	.9	1.0	.7	.6	.4	.5	.7	.7	.8	24	2.5	
21	.6	.5	.6	.6	.5	.5	.5	.6	.8	1.0	1.1	.8	.6	.6	.4	.3	.2	.2	.2	.1	.1	.1	.3	.4	24	1.1	
22	.4	.4	.2	1.8	.9	.9	.7	.7	.7	.3	.5	.1	.1	.1	.2	.1	.1	.1	.0	.0	.0	.0	.1	.0	24	1.8	
23	.1	.3	.6	.6	.9	1.5	1.0	1.9	4.0	4.9	3.5	2.1	1.6	1.3	.8	.7	.6	.5	.6	.7	1.3	1.7	1.2	.8	24	4.9	
24	.6	.4	.4	.3	.2	.2	.4	.8	1.3	1.4	.9	.6	.3	.8	.6	.3	.3	.6	.3	.2	.2	.1	.2	.1	24	1.4	
25	.1	.1	.2	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.2	.1	.2	.2	.3	.3	.3	.4	24	.4	
26	.4	.4	.7	1.0	2.4	1.0	.6	1.2	1.8	1.0	.9	1.1	1.0	.8	.8	.8	.8	.7	.7	.6	.7	.7	.8	.6	24	2.4	
27	.5	.5	.5	.3	.3	.3	.3	.4	1.0	1.0	1.0	1.0	.9	.7	.6	.6	.6	.5	.4	.2	.3	.3	.3	.3	24	1.0	
28	.3	.4	.4	.6	.5	.3	.2	.2	.5	.5	.3	.2	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	24	.6	
29																									0		
30																									0		
31																									0		
NO.:	28	28	28	28	28	28	28	28	28	28	28	28	27	26	27	28	28	28	28	28	28	28	28	28	28		
MAX:	5.7	5.7	5.5	6.6	6.7	5.6	5.2	4.0	4.0	4.9	5.7	4.5	4.1	2.7	2.0	2.6	2.2	1.7	2.2	2.3	3.0	2.5	2.9	2.8			
AVG:	.80	.78	.76	.86	.86	.81	.80	.88	1.07	1.09	1.26	1.08	.97	.84	.63	.65	.59	.54	.57	.57	.66	.71	.74	.70			

MONTHLY OBSERVATIONS: 668 MONTHLY MEAN: .80 MONTHLY MAX: 6.7

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-067-0022 POC: 1
 COUNTY: (067) Forsyth
 CITY: (75000) Winston-Salem
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.
 MONITOR COMMENTS: ML 8850 ANALYZER/CHANGED TO API 100A 2/96

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (9220) WINSTON-SALEM, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
 LATITUDE: 36.110556
 LONGITUDE: -80.226667
 UTM ZONE: 17
 UTM NORTHING: 3996287
 UTM EASTING: 569604
 ELEVATION-MSL: 284
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCENCE
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MARCH 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.0	.0	.2	.3	.2	.2	.3	.5	.7	.9	2.3	BF	.3	.3	.2	.2	.2	.2	.3	.3	.4	.5	.5	.4	23	2.3
2	.3	.3	.3	.4	.2	.3	.4	1.0	1.1	2.0	1.1	1.2	1.7	1.2	.9	.9	.8	1.1	1.1	.9	.9	.9	1.1	1.0	24	2.0
3	1.1	1.7	2.7	3.6	3.3	2.9	2.2	1.6	2.9	3.1	3.5	2.0	1.2	1.0	.9	1.9	3.0	1.2	.5	.6	.4	.3	.5	.4	24	3.6
4	.9	1.0	.5	.4	.3	.3	.4	.4	.5	.4	.3	.2	.1	.1	.1	.0	.1	.1	.2	.3	.3	.3	.3	.3	24	1.0
5	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	24	.2
6	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.7	.5	.3	.3	.5	.7	24	.7
7	.8	.6	.5	.5	.4	.3	.2	.5	.6	.3	.2	.2	1.2	1.5	1.5	1.7	2.9	2.8	1.5	.5	.4	.4	.4	.3	24	2.9
8	.3	.4	.3	.3	.3	.3	.5	.9	1.0	.8	.7	.6	.6	.5	.4	.4	.4	.4	.5	.6	.5	.5	.6	.4	24	1.0
9	.4	.7	.5	.3	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.7	.7	.2	.2	.0	.0	.0	.0	.0	24	.7
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.3
11	.0	.0	.1	.2	.3	.2	.2	.2	.2	.1	.1	.2	.1	.0	.0	.0	.0	.0	.1	.2	.2	.1	.2	.1	24	.3
12	.1	.1	.0	.0	.1	.0	.0	.2	.3	.4	.8	.5	.2	.4	.3	.5	.6	.6	.4	.3	.3	.3	.7	.7	24	.8
13	.7	.6	.6	.6	.5	.5	.5	.6	.6	.5	.6	.5	.4	.3	.2	.2	.3	.3	.4	.5	.8	.9	.7	.5	24	.9
14	.7	1.0	.8	.9	1.0	1.0	.8	.8	.8	1.1	1.0	.8	.8	.9	.9	.9	.9	.8	.7	.6	.6	.6	.8	.7	24	1.1
15	.9	1.0	1.2	1.1	1.0	.8	.7	.8	.8	.6	.4	.3	.2	BF	.3	.3	.2	.1	.4	.3	.2	.1	.1	.0	23	1.2
16	.0	.0	.0	.0	.0	.0	.0	.0	.2	.8	1.5	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.5
17	.0	.0	.0	.0	.0	.0	.1	.7	.5	.1	.2	1.3	.6	.4	.3	.3	.2	.2	.3	.4	.4	.4	.6	.4	24	1.3
18	.3	.6	.4	.3	.2	.1	.1	.4	.3	.4	.6	1.0	.8	.7	.4	.4	.2	.2	.1	.2	.2	.2	.1	.1	24	1.0
19	.1	.1	.1	.1	.1	.1	.0	.4	.5	.7	.8	.6	.6	.7	.9	1.2	1.0	.8	.8	.7	.7	.8	1.2	1.1	24	1.2
20	.9	.6	.5	.7	1.1	1.0	.9	.6	.9	.7	.8	.6	.5	.5	.4	1.5	1.1	.4	.3	.3	.3	.3	.3	.4	24	1.5
21	.5	.5	.7	.6	.4	.4	.4	.5	.5	.4	.4	.3	.3	.3	.4	.5	.5	.4	.4	.3	.2	.3	.3	.2	24	.7
22	.2	.2	.3	.1	.4	8.0	13.8	6.7	.7	.6	.4	.3	.5	.4	.1	.1	.1	.2	.3	.3	.3	.3	.5	.8	24	13.8
23	1.0	1.1	.7	.4	.4	.3	.4	.5	.8	.8	1.6	1.8	1.3	.7	.5	.5	.3	.1	.0	.0	.0	.0	.0	.0	24	1.8
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.1	.1	.1	.2	.1	.0	.0	.0	.0	.0	24	.2
25	.0	.0	.0	.2	.8	1.1	.9	1.6	2.4	2.4	1.6	.7	.5	.4	.3	.2	.2	.4	.6	.6	.5	.5	.4	.4	24	2.4
26	1.1	.7	.5	.6	.7	.6	.4	.3	.5	.6	.6	.6	.7	1.2	1.7	1.4	1.2	1.1	.5	.2	.2	.5	.4	.4	24	1.7
27	.2	.1	.0	.0	.1	.2	.2	.4	.5	.6	.5	.4	.3	.4	.3	.2	.3	.1	.0	.0	.0	.0	.0	.0	24	.6
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.9	.6	.3	.3	.5	.2	.0	.0	.0	.0	.0	.0	.0	24	.9
29	.0	.0	.0	.0	.0	.0	.0	.1	.9	2.5	2.2	2.2	BF	1.7	1.7	1.5	1.1	.9	1.0	.9	.8	.6	.6	.5	23	2.5
30	.5	.5	.5	.3	.3	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	.1	.1	24	.5
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
NO.:	31	31	31	31	31	31	31	31	31	31	31	30	30	30	31	31	31	31	31	31	31	31	31	31		
MAX:	1.1	1.7	2.7	3.6	3.3	8.0	13.8	6.7	2.9	3.1	3.5	2.2	1.7	1.7	1.7	1.9	3.0	2.8	1.5	.9	.9	.9	1.2	1.1		
AVG:	.36	.39	.37	.39	.41	.61	.77	.63	.59	.68	.74	.61	.46	.47	.44	.48	.55	.45	.37	.31	.29	.30	.35	.32		

MONTHLY OBSERVATIONS: 741 MONTHLY MEAN: .47 MONTHLY MAX: 13.8

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-067-0022 POC: 1
 COUNTY: (067) Forsyth
 CITY: (75000) Winston-Salem
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.
 MONITOR COMMENTS: ML 8850 ANALYZER/CHANGED TO API 100A 2/96

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (9220) WINSTON-SALEM, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
 LATITUDE: 36.110556
 LONGITUDE: -80.226667
 UTM ZONE: 17
 UTM NORTHING: 3996287
 UTM EASTING: 569604
 ELEVATION-MSL: 284
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCENCE
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: APRIL 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	.0	.0	.0	.0	.0	.0	.1	.8	1.3	.5	.1	.1	.3	1.0	.4	.6	.8	1.0	1.2	1.0	.9	.6	.6	.3	24	1.3	
2	.3	.2	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.1	.2	.1	.0	.0	.0	.1	.1	.1	.1	.2	24	.3	
3	.2	.1	.2	.1	.1	.1	.2	.4	.4	.6	.7	.7	.7	.7	.5	.6	.4	.7	1.0	1.2	.7	.6	1.7	2.2	24	2.2	
4	1.7	1.0	1.9	.9	.6	.6	.7	.7	.6	.7	.5	.5	.3	.2	.3	.8	.4	.4	.4	.3	.3	.5	.4	1.4	24	1.9	
5	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	24	1.0	
6	.0	.0	.0	.0	.0	.0	.2	.4	.7	.9	.6	.4	.3	.2	.2	.1	.2	.2	.2	.2	.2	.1	.1	.2	24	.9	
7	.4	.4	.6	.4	.2	.1	.3	.6	1.2	1.3	1.3	1.5	1.0	.9	.9	.6	.6	.7	.6	.7	.9	1.4	1.2	.7	24	1.5	
8	.5	.4	.5	.4	.6	.7	1.1	1.2	1.2	.9	1.0	1.1	1.2	1.5	1.1	1.0	1.2	1.0	1.2	1.6	1.2	.4	.3	.5	24	1.6	
9	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.2	
10	.0	.0	.0	.1	.0	.0	.3	.5	.7	.8	.7	.4	.2	.2	.2	.0	.1	.6	.4	.3	.3	.6	.1	.0	24	.8	
11	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.5	.6	.6	.3	.2	.1	.1	.1	.2	.1	.0	.0	.3	.4	24	.6	
12	.2	.7	1.0	.6	.3	.1	.1	.0	.0	.0	.0	.0	BF	BF	.1	.3	.0	.0	.0	.0	.1	.0	.3	.3	22	1.0	
13	.2	.3	.1	.0	.0	.0	.0	.2	.1	.1	.2	.2	.1	.1	.0	.0	.1	.1	.1	.2	.2	.2	.4	.4	24	.4	
14	.2	.1	.0	.0	.1	.1	.2	.5	1.6	2.1	2.3	2.6	2.0	1.6	1.2	.9	.8	.8	.8	.8	.7	.7	.5	.6	24	2.6	
15	.7	.6	.4	.4	.4	.4	.5	.7	.6	.7	.6	.9	.8	1.0	.6	.5	.5	.4	.3	.3	.5	.6	.5	.1	24	1.0	
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	24	.2	
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.2	.2	.2	.2	.1	.1	.1	.1	24	.3	
18	.1	.1	.1	.1	.0	1.1	1.2	.5	1.0	.2	.2	.4	.8	1.0	.8	.9	.5	.4	.5	1.1	1.1	1.2	3.9	2.9	24	3.9	
19	1.6	1.6	1.4	1.0	.9	.8	1.2	2.0	1.7	1.2	2.0	1.1	1.8	1.3	1.2	.8	.7	.7	.6	3.1	.9	2.5	5.8	3.1	24	5.8	
20	2.1	1.3	.7	.2	.1	.1	.2	.7	1.0	2.6	.8	.5	.3	.3	.6	.3	.6	.8	.0	.0	.1	.0	.1	.1	24	2.6	
21	.1	.1	.1	.1	.1	.1	.1	.2	.0	.1	.2	BF	BF	1.8	1.8	1.6	1.6	1.2	.9	.8	.6	.5	.6	.5	22	1.8	
22	.4	.4	.3	.2	.2	.1	.2	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.4	
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.0	.0	24	.1	
24	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.6	.7	.5	.3	.3	.3	.2	.3	.2	.2	.3	.2	.2	.3	24	.7	
25	.5	1.4	.7	.4	.2	.0	.0	.4	1.0	1.1	1.0	.9	.6	.9	.6	.1	.1	.1	.2	.1	.1	.2	.1	.4	24	1.4	
26	.6	.4	.1	.1	.2	.4	.5	.4	.2	BC	BC	1.0	.3	.1	.3	.2	.1	.0	.1	.0	.0	.0	.0	.0	22	1.0	
27	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.2	.6	1.2	.3	.9	.6	.3	.2	.4	.5	.1	.2	.2	.3	24	1.2	
28	.3	.2	.1	.1	.3	.3	.4	.1	.3	.2	.2	.4	.4	.5	.2	.4	.0	.7	.0	.0	.0	.0	.0	.4	24	.7	
29	.6	.5	.4	.4	.3	.1	.3	.3	.5	.5	.4	.2	.1	.2	.2	.3	.2	.3	.5	.3	.6	.3	.3	.3	24	.6	
30	.3	.4	.6	.8	.5	.5	.8	1.2	2.4	2.9	2.6	1.6	1.0	.7	.6	.6	.5	.5	.8	.6	.5	.4	.4	.3	24	2.9	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	29	29	29	28	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:	2.1	1.6	1.9	1.0	.9	1.1	1.2	2.0	2.4	2.9	2.6	2.6	2.0	1.8	1.8	1.6	1.6	1.2	1.2	3.1	1.2	2.5	5.8	3.1			
AVG:	.40	.34	.31	.22	.18	.19	.29	.40	.59	.64	.59	.57	.52	.53	.46	.41	.35	.39	.37	.46	.35	.39	.61	.53			

MONTHLY OBSERVATIONS: 714 MONTHLY MEAN: .42 MONTHLY MAX: 5.8

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-067-0022 POC: 1
 COUNTY: (067) Forsyth
 CITY: (75000) Winston-Salem
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.
 MONITOR COMMENTS: ML 8850 ANALYZER/CHANGED TO API 100A 2/96

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (9220) WINSTON-SALEM, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
 LATITUDE: 36.110556
 LONGITUDE: -80.226667
 UTM ZONE: 17
 UTM NORTHING: 3996287
 UTM EASTING: 569604
 ELEVATION-MSL: 284
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCENCE
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MAY 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	.3	.3	.2	.2	.2	.1	.2	.2	.1	.2	.3	.6	.4	.5	.7	.9	.7	.4	.3	.2	.2	.2	.2	.2	.2	24	.9
2	.3	.5	.7	.6	.8	1.9	1.9	2.2	2.7	1.7	1.3	.8	.5	.3	.2	.6	.4	.2	.2	2.1	3.1	3.1	9.3	8.6	24	9.3	
3	4.2	1.3	1.6	1.7	2.0	1.6	.9	.6	.3	.1	.2	.5	.1	.1	1.1	1.3	1.1	.8	.3	.2	.0	.0	.0	.0	24	4.2	
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	24	.1
5	.1	.1	.1	.0	.0	.1	.5	.8	.7	.5	.4	.4	.3	BF	.3	.2	.3	.2	.2	.1	.2	.2	.2	1.3	23	1.3	
6	1.5	1.2	.7	.4	.3	.8	2.4	2.7	2.0	1.5	1.6	1.4	1.1	1.3	.8	.4	.2	.2	.3	.3	.4	.4	.3	.3	24	2.7	
7	.2	.1	.2	.1	.1	.1	.1	.3	.5	.4	.5	.3	.2	.2	.2	.1	.3	.4	.5	.5	.4	.4	.4	.6	24	.6	
8	1.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.1	.5	.1	.1	.1	.1	.0	.0	.0	24	1.2	
9	.0	.0	.0	.0	.0	.0	.2	.3	2.3	.2	.5	1.0	.4	.1	.1	.1	.2	.2	.1	.2	.2	.2	.3	.2	24	2.3	
10	.3	.2	.2	.2	.3	.4	.9	1.2	.7	.4	.3	.3	.4	.5	.5	.5	.5	.5	.5	.4	.3	.3	.2	.1	24	1.2	
11	.2	.2	.1	.1	.1	.1	.2	.2	.2	.2	.1	.1	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	24	.3	
12	.2	.2	.2	.2	.3	.2	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	24	.3	
13	.2	.1	.1	.0	.0	.0	.1	.2	.8	1.0	.6	.3	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	24	1.0	
14	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.0	.0	.0	24	.2	
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	24	.1	
16	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.2	.4	1.1	1.2	1.0	.2	.2	.1	.0	.0	.0	.0	.0	24	1.2	
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0	
18	.0	.0	.0	.0	.0	.0	.0	.2	.3	.2	.2	.0	.2	.2	.1	.2	.1	.7	.1	.0	.0	.0	.0	.0	24	.7	
19	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	BF	BF	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	22	.1	
20	.0	.0	.0	.2	.1	.1	.1	.2	.2	.3	.2	.2	.2	.1	.1	.1	.0	.1	.1	.1	.1	.2	.1	.1	24	.3	
21	.2	.2	.1	.0	.0	.1	.1	.4	.6	2.3	2.5	1.9	.7	.4	.3	.2	.2	.2	.3	.3	.2	.2	.2	.2	24	2.5	
22	.2	.2	.2	.2	.1	.1	.1	2.7	4.8	1.1	.9	1.7	1.4	.8	.5	.3	1.0	1.4	.9	.7	.4	.6	.0	.0	24	4.8	
23	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.0	.8	.8	1.3	2.9	1.6	.8	2.4	1.9	.4	.3	.2	.2	.1	.1	24	2.9	
24	.1	.0	.1	.1	.1	.1	.8	1.0	1.4	1.4	.2	.3	.1	.0	.0	.0	1.8	2.9	.1	.1	.0	.0	.0	.0	24	2.9	
25	.0	.0	.0	.0	.0	.0	.0	.2	.9	1.3	1.1	1.0	.9	.6	.7	.8	.6	1.5	1.6	1.5	.9	1.6	4.6	2.9	24	4.6	
26	1.2	1.4	2.3	2.0	.8	.7	.8	1.3	1.6	1.7	1.5	1.2	.8	.6	1.6	.9	.8	.8	.7	.7	.5	.4	.2	.0	24	2.3	
27	.0	.0	.2	.1	.0	.1	.3	.1	.1	.2	.4	.4	.3	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	24	.4	
28	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.4	.3	.3	.2	.1	24	.4	
29	.4	.0	.0	.1	.5	.6	.5	.7	.8	.6	.3	.3	.2	.2	.2	.2	.2	.3	.5	.6	1.2	1.1	.6	.3	24	1.2	
30	.3	.3	.8	1.1	.4	.3	.6	.5	.4	.3	.2	.3	.4	.6	.5	.5	.7	1.1	1.7	1.3	.9	.7	.5	.5	24	1.7	
31	.4	.3	.3	.2	.2	.2	.2	.5	3.4	3.4	3.4	2.7	1.2	.7	.7	.6	1.0	1.1	.5	.5	.5	.5	.4	.4	24	3.4	
NO.:	31	31	31	31	31	31	31	31	31	31	31	30	30	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:	4.2	1.4	2.3	2.0	2.0	1.9	2.4	2.7	4.8	3.4	3.4	2.7	1.4	2.9	1.6	1.3	2.4	1.9	2.9	2.1	3.1	3.1	9.3	8.6			
AVG:	.37	.22	.26	.25	.20	.25	.36	.54	.82	.65	.57	.57	.41	.40	.40	.35	.39	.48	.42	.36	.35	.35	.35	.59	.53		

MONTHLY OBSERVATIONS: 741 MONTHLY MEAN: .42 MONTHLY MAX: 9.3

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-067-0022 POC: 1
 COUNTY: (067) Forsyth
 CITY: (75000) Winston-Salem
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.
 MONITOR COMMENTS: ML 8850 ANALYZER/CHANGED TO API 100A 2/96

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (9220) WINSTON-SALEM, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
 LATITUDE: 36.110556
 LONGITUDE: -80.226667
 UTM ZONE: 17
 UTM NORTHING: 3996287
 UTM EASTING: 569604
 ELEVATION-MSL: 284
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCENCE
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JUNE 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.5	1.2	.4	.2	.1	.1	.4	.7	.9	.9	.9	.6	.4	.3	.3	.2	.2	.5	.5	.4	.4	.3	.3	.3	24	1.2
2	.3	.2	.3	.5	.2	.2	.8	1.2	1.2	1.1	1.3	BF	BF	AZ	1.1	.9	1.0	.8	.7	.8	.7	.5	.7	.7	21	1.3
3	.7	.6	.7	.9	1.3	1.7	1.3	1.5	1.8	1.6	1.8	2.6	1.7	1.5	1.1	1.1	1.1	1.1	1.1	1.0	.8	.7	.5	.4	24	2.6
4	.4	.5	.4	.4	.3	.2	.5	.8	1.1	1.2	1.0	1.4	1.2	1.0	.8	.7	.6	.5	.6	.7	.8	.7	.7	.7	24	1.4
5	.6	.4	.3	.3	.4	.6	.4	.2	.3	.3	.8	.2	.2	.2	.6	.5	1.5	.9	.6	.4	.4	.4	.4	.4	24	1.5
6	.4	.2	.1	.1	.1	.2	.5	.6	.4	2.1	.3	.2	.2	.5	.5	.4	.3	.4	.5	.8	1.1	.9	.6	.4	24	2.1
7	.5	.4	.3	.3	.4	.5	.6	.8	1.5	1.6	1.3	1.5	.9	.7	.8	.5	.4	.4	.3	.2	.0	.0	.0	.0	24	1.6
8	.0	.0	.0	.0	.0	.0	.1	.4	.6	1.4	.6	.3	.7	.9	.4	.5	.6	.2	.2	.4	.2	.4	.2	.2	24	1.4
9	.2	.1	.1	.1	.1	.1	7.7	3.8	.5	1.4	2.6	.6	.3	.2	.3	.1	.1	.1	.4	.3	.2	.2	.1	.1	24	7.7
10	.1	.1	.1	.0	.0	.0	1.3	1.0	1.0	.7	.7	.6	.6	.6	.6	.6	.1	.1	.1	.1	.3	.1	.1	.0	24	1.3
11	.0	.0	.0	.0	.0	.0	.1	.3	1.1	1.1	.9	.8	.5	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	24	1.1
12	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.1	.0	.0	.1	.0	24	.1
13	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.2	.2	.2	.2	.2	.2	.7	1.3	24	1.3
14	.8	.3	.3	.2	.1	.2	.6	.9	.5	.4	.3	.3	.5	.4	.3	.8	1.7	.8	.7	.5	.4	.3	.2	.3	24	1.7
15	.4	.6	.6	.8	.6	.6	1.0	1.3	1.0	1.1	1.1	1.0	1.0	.8	.7	1.1	1.5	.7	.9	.7	.5	.7	.4	.3	24	1.5
16	.3	.2	.1	.1	.2	.3	.9	1.6	2.8	.5	BF	.4	.4	.3	.2	.2	.2	.3	.2	.4	.5	.4	.3	.2	23	2.8
17	.2	.1	.1	.1	.1	.1	.2	.4	.5	.6	.6	.6	.4	.4	.6	.5	.5	.7	1.1	1.5	1.1	.9	1.2	1.4	24	1.5
18	1.0	.9	.7	.5	.6	.5	.4	.3	.3	.2	.2	.2	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
19	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.5	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.1	24	.5
20	.0	.0	.0	.0	.0	.0	.5	.2	.3	.3	.2	.1	.0	.0	.1	.4	.1	.0	.0	.0	.1	.1	.2	.2	24	.5
21	.1	.1	.2	.1	.1	.1	.3	.8	1.4	1.5	2.0	1.9	1.1	.9	.8	.5	.5	1.2	.1	.1	1.9	8.9	1.1	.3	24	8.9
22	.2	.3	.3	.1	.0	.3	1.8	.3	.5	.4	.5	.6	.5	.2	.4	.4	.5	.6	.5	1.1	1.5	1.5	.0	.0	24	1.8
23	.0	.6	.3	.4	.1	.1	.3	.9	.8	.8	1.1	.3	.1	.1	.1	.2	.7	.5	.3	.5	.8	.5	.2	.4	24	1.1
24	.8	.4	.2	.2	.1	.2	.2	.2	.2	.3	.3	.3	.3	.1	.1	.1	.0	.0	.1	.2	.2	.2	.2	.2	24	.8
25	.2	.2	.2	.2	.2	.2	.3	.4	.4	.5	.8	.7	.6	.6	.5	.4	.4	.4	.4	.4	.4	.4	.4	.3	24	.8
26	1.7	2.2	.6	.3	.2	.3	.4	.3	.1	.3	.3	.3	.4	.5	.4	.4	.3	.4	.5	.5	.8	.6	.5	.4	24	2.2
27	.2	.2	.2	.3	.3	.2	.4	.4	.4	.8	.5	1.9	1.7	.6	.2	.1	.2	.1	.1	.2	.0	.0	.0	.0	24	1.9
28	.0	.0	.0	.0	.0	.2	3.8	.9	.6	1.2	1.0	.2	.3	.4	.6	.6	.2	.2	.2	.1	.0	.0	.1	.0	24	3.8
29	.0	.0	.0	.0	.0	.0	.0	.1	.7	1.8	2.1	1.6	1.1	.8	1.0	1.1	.8	.5	1.2	1.2	.8	.5	.8	.7	24	2.1
30	.4	.4	.3	.3	.4	.8	1.8	4.5	3.2	BF	1.7	.9	.8	.7	.7	1.0	1.1	1.0	1.4	1.6	1.6	1.1	.7	.6	23	4.5
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	29	29	29	29	29	30	30	30	30	30	30	30	30	30	30		
MAX:	1.7	2.2	.7	.9	1.3	1.7	7.7	4.5	3.2	2.1	2.6	2.6	1.7	1.5	1.1	1.1	1.7	1.2	1.4	1.6	1.9	8.9	1.2	1.4		
AVG:	.33	.34	.23	.21	.20	.26	.89	.84	.81	.84	.87	.71	.56	.47	.47	.46	.49	.41	.43	.48	.53	.69	.36	.33		

MONTHLY OBSERVATIONS: 715 MONTHLY MEAN: .51 MONTHLY MAX: 8.9

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-067-0022 POC: 1
 COUNTY: (067) Forsyth
 CITY: (75000) Winston-Salem
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.
 MONITOR COMMENTS: ML 8850 ANALYZER/CHANGED TO API 100A 2/96

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (9220) WINSTON-SALEM, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
 LATITUDE: 36.110556
 LONGITUDE: -80.226667
 UTM ZONE: 17
 UTM NORTHING: 3996287
 UTM EASTING: 569604
 ELEVATION-MSL: 284
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCENCE
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JULY 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	.7	.4	.4	.4	.3	.4	.5	.6	1.2	1.2	1.0	.8	.8	.9	.7	.6	1.3	2.3	1.3	.7	1.1	.5	.4	.4	24	2.3	
2	.4	.3	.3	.3	.2	.3	.4	.4	.7	.9	.9	.9	.8	.8	.7	.6	.6	.4	.4	.5	.8	.9	.8	.7	24	.9	
3	.6	.8	.4	.5	.7	.7	1.2	1.1	.6	.6	.9	.9	.7	.5	.4	.2	.3	.4	.5	.7	.5	.7	.4	.3	24	1.4	
4	.3	.6	.6	.7	.8	1.4	1.5	1.1	.9	.8	.7	.7	.6	.6	1.1	2.4	.3	.1	.1	.0	.0	.0	.1	.0	24	2.4	
5	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.4	1.1	.6	.3	.2	.1	.2	.1	.1	.2	.1	.1	.2	.1	24	1.1	
6	.0	.0	.0	.0	.0	.0	.0	1.2	1.7	.9	.7	.5	.4	.4	.2	.2	.1	.0	.1	.1	.1	.0	.2	.0	24	1.7	
7	.0	.0	.1	.1	.2	.3	.4	.6	.5	.2	.3	.3	.2	.3	.2	.2	.1	1.1	1.1	.6	.3	.4	.4	.3	24	1.1	
8	.2	.1	.1	.1	.1	.1	1.5	3.8	1.8	.9	.6	.5	.4	.7	.9	1.0	.6	.2	.2	.2	.1	.0	.0	.0	24	3.8	
9	.0	.0	.0	.0	.0	.0	.0	.1	.5	2.8	3.0	1.1	.1	.1	.4	.1	.1	.1	.3	.4	.3	.3	.5	.7	24	3.0	
10	.5	.2	.1	.1	.1	.0	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	24	.5	
11	.2	.2	.2	.7	1.1	.9	2.1	1.4	1.5	1.1	.6	.5	.5	.7	.6	.3	.4	.4	.3	.3	.3	.0	.1	.1	24	2.1	
12	.1	.1	.1	.2	.2	.3	.4	2.0	.9	.6	.5	.2	.2	.1	.1	.0	.0	.1	.1	.1	.1	.1	.5	.5	24	2.0	
13	.6	.4	.4	.4	.3	.3	.5	.6	.6	.5	.5	.6	.5	.5	.4	.2	.1	.2	.1	.1	.1	.1	.1	.1	24	.6	
14	.1	.1	.3	.6	.7	.6	.8	.8	.4	.4	.3	.3	.3	BF	BF	.3	.3	.3	.4	.4	.3	.3	.6	.7	22	.8	
15	.5	.4	.5	.4	.3	.3	.4	.4	.5	.3	.5	.2	.3	.3	.2	.2	.4	.4	.3	.2	.2	.2	.7	.8	24	.8	
16	.3	.2	.2	.2	.1	.1	.0	.1	.0	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	24	.3	
17	.0	.0	.0	.0	.1	.1	.1	.3	.8	.5	.3	.2	.2	.1	.1	.2	.2	.4	1.1	.3	.2	.2	.2	.1	24	1.1	
18	.1	.1	.1	.0	.1	.8	1.5	1.3	.9	1.1	1.0	.8	.6	.3	.2	.1	.1	.1	.1	.2	.2	.2	.3	.5	24	1.5	
19	.4	.2	.1	.0	.0	.0	.1	.3	.2	.2	.3	.3	.3	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	24	.4	
20	.0	.0	.0	.0	.0	.0	.0	.2	.9	.3	.9	.7	1.2	.8	.7	.4	.4	.3	.1	.1	.1	.1	.1	.1	24	1.2	
21	.1	.1	.1	.0	.0	.0	.1	.3	.5	.6	.4	.4	.4	.4	.3	.3	.2	.1	.1	.1	.2	.3	.3	.5	.3	24	.6
22	.2	.2	.1	.1	.1	.1	.1	.2	.4	.4	.4	.1	.1	.1	.1	.0	.1	.1	.1	.1	.0	.0	.0	.1	.1	24	.4
23	.1	.1	.0	.0	.0	.0	.2	.2	.1	.2	.5	.8	.5	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	24	.8	
24	.1	.1	.0	.0	.0	.0	.1	.1	.3	.4	.5	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.1	.1	.0	24	.5	
25	.1	.1	.0	.0	.0	.0	.1	2.0	2.4	.5	BC	1.5	.8	.4	.2	.4	.3	.3	.2	.2	.2	.2	.6	.3	23	2.4	
26	.2	.2	.2	.1	.1	.2	.2	1.1	1.0	1.2	1.0	1.1	2.2	2.0	1.8	.9	1.2	1.4	1.1	.4	.3	.4	.4	.6	24	2.2	
27	.5	.3	.3	.2	.2	.2	.3	.4	2.6	5.7	BF	2.2	2.2	1.6	1.3	1.3	1.2	1.2	1.3	1.3	1.0	.8	.6	.7	23	5.7	
28	.5	.5	.4	.4	.5	.4	1.1	2.4	1.7	AZ	AZ	1.2	.7	.6	.8	.6	.5	.4	.4	.6	.6	.6	2.4	1.3	22	2.4	
29	.8	.9	.8	.7	.6	.6	.8	.6	.6	1.5	3.8	3.5	2.5	1.0	.8	.6	.5	.6	.8	.7	.7	.6	.6	.4	24	3.8	
30	.4	.3	.3	.3	.3	.3	.4	.6	.9	.8	.9	.7	.9	.9	.3	.2	.3	.4	.4	.3	.7	.3	.3	.2	24	.9	
31	.2	.2	.2	.2	.2	.2	.2	.2	.8	1.3	1.2	.8	2.8	1.2	1.3	.7	.2	.2	.2	.2	.2	.1	.3	.2	24	2.8	
NO.:	31	31	31	31	31	31	31	31	31	30	28	31	31	30	30	31	31	31	31	31	31	31	31	31	31		
MAX:	.8	.9	.8	.7	1.1	1.4	2.1	3.8	2.6	5.7	3.8	3.5	2.8	2.0	1.8	2.4	1.3	2.3	1.3	1.3	1.1	.9	2.4	1.3			
AVG:	.26	.23	.20	.22	.24	.28	.49	.80	.85	.88	.80	.76	.72	.55	.49	.41	.33	.38	.37	.30	.29	.25	.38	.32			

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: .45 MONTHLY MAX: 5.7

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-067-0022 POC: 1
 COUNTY: (067) Forsyth
 CITY: (75000) Winston-Salem
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.
 MONITOR COMMENTS: ML 8850 ANALYZER/CHANGED TO API 100A 2/96

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (9220) WINSTON-SALEM, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
 LATITUDE: 36.110556
 LONGITUDE: -80.226667
 UTM ZONE: 17
 UTM NORTHING: 3996287
 UTM EASTING: 569604
 ELEVATION-MSL: 284
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCENCE
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: AUGUST 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.2	.2	.1	.1	.1	.2	.2	.2	.2	.4	1.2	.8	.8	.7	.6	.6	.6	.5	.5	.5	.4	.3	.4	.3	24	1.2
2	.3	.2	.2	.2	.2	.2	.4	1.0	1.7	3.1	3.0	3.5	3.6	3.4	3.0	2.3	1.8	1.2	1.0	.9	.8	.7	.7	.5	24	3.6
3	.4	.3	.3	.3	.2	.2	.4	.8	1.0	1.8	2.9	3.2	2.4	1.8	1.4	1.4	1.7	.9	.8	.9	.8	.7	.8	.6	24	3.2
4	.5	.4	.4	.4	.3	.3	.4	.5	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	24	.5
5	.4	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.4	1.4	.9	.5	.6	.7	.7	.4	.3	24	1.4	
6	.2	.2	.2	.2	.2	.3	.3	.3	.4	.3	.3	.3	.3	.2	.2	.2	.2	.3	.3	.2	.4	.3	.8	1.0	24	1.0
7	.4	.3	.2	.2	.2	.2	.2	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.2	.2	.4	.4	24	.4
8	.3	.3	.2	.2	.2	.2	.4	.5	.4	.3	.3	.3	.4	.3	.3	.4	.2	.2	.3	.3	.2	.3	.3	1.3	24	1.3
9	1.2	.8	.5	.3	.3	.4	.8	1.8	.4	.3	.2	.3	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.3	24	1.8
10	.4	.4	.4	.3	.2	.2	.4	.6	.5	.5	.5	.6	BF	BF	.6	.8	.7	.6	.4	.4	.4	.4	.5	.4	22	.8
11	.3	.3	.4	.3	.3	.3	.3	.6	1.1	1.4	2.2	2.7	2.0	1.7	1.3	.9	1.0	.8	.7	2.3	2.0	1.0	.5	.3	24	2.7
12	.2	.2	.2	.2	.2	.3	.7	1.3	1.8	1.7	1.7	1.7	1.5	1.2	.8	.7	.6	.4	.3	.3	.3	.3	.3	.2	24	1.8
13	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.4	.4	.2	.2	.2	.2	.3	.2	24	.4
14	.2	.2	.2	.2	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	1.1	.1	.2	.1	.1	.2	.2	24	1.1
15	.1	.1	.1	.1	.1	.1	.1	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	24	.3
16	.2	.2	.2	.2	.2	.2	.3	.5	.4	.5	.5	.5	.5	.4	.4	.4	.3	.5	.3	.3	.4	.3	.3	.3	24	.5
17	.3	.2	.2	.2	.2	.3	.3	.5	.8	.7	1.2	1.2	.5	.4	.4	.4	.3	.5	.5	.5	.4	.4	.4	.5	24	1.2
18	.4	.5	.5	.4	.3	.3	.7	1.8	2.2	2.0	1.3	.6	.6	.5	.4	.4	.5	.6	.5	.4	.3	.2	.3	.2	24	2.2
19	.2	.2	.2	.2	.2	.2	.4	.9	1.3	.5	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.5	.4	.3	.3	24	1.3
20	.3	.3	.3	.4	.6	.8	1.0	1.2	2.0	1.2	.9	1.0	.9	.9	1.0	.7	.3	.2	.2	.2	.2	.2	.2	.2	24	2.0
21	.2	.2	.2	.2	.2	.3	.4	.7	.9	.7	.5	.4	.3	.3	.4	.3	.2	.3	.3	.4	.3	.3	.3	.3	24	.9
22	.3	.7	.5	.5	.3	.2	.2	.3	.7	.9	.7	.4	.3	.4	.4	.2	.2	.3	.3	.3	.3	.4	.4	.5	24	.9
23	.7	.6	1.1	.8	.8	1.1	.9	.8	1.5	1.7	.8	.8	.9	1.2	1.0	.9	.9	.8	.7	.7	1.6	.5	.4	.4	24	1.7
24	.4	.4	.3	.3	.3	.2	.3	.5	1.2	BF	.4	.8	1.1	1.1	.9	.6	.5	.6	.8	1.4	1.6	.9	.9	.6	23	1.6
25	.9	1.8	1.6	.9	.6	.5	.4	1.6	1.8	1.4	1.4	1.3	1.1	1.1	.7	.8	1.4	1.2	.8	.5	.4	.4	.4	.2	24	1.8
26	.2	.2	.2	.2	.2	.2	.2	.3	.3	.7	1.3	.9	.4	.3	.5	.9	1.0	.7	.9	.4	.4	.6	1.2	2.1	24	2.1
27	1.1	.8	.9	.6	.4	.5	.2	.2	.2	.2	.2	.2	.3	.6	.4	.3	.2	.2	.3	.4	.5	1.4	1.2	24	1.4	
28	1.1	1.6	1.6	1.4	1.3	.8	1.2	1.8	1.4	1.2	.9	.7	.6	.5	.5	.5	.4	.5	.4	.4	.4	.4	.5	.4	24	1.8
29	.4	.4	.3	.3	.3	.3	.4	2.1	2.2	1.5	AZ	AZ	2.0	1.7	1.0	.3	.3	.4	.4	.3	.4	.4	.9	.8	22	2.2
30	.7	.6	.9	1.0	.8	.6	.7	1.6	1.7	1.3	.8	.7	.7	.6	.5	.4	.4	.4	.4	.6	.7	.5	.4	.4	24	1.7
31	.2	.2	.2	.2	.2	.2	.2	.4	.6	.5	.5	.4	.4	.3	.3	.3	.5	.4	.4	.4	.4	.4	.4	.3	24	.6
NO.:	31	31	31	31	31	31	31	31	31	30	30	30	30	30	31	31	31	31	31	31	31	31	31	31		
MAX:	1.2	1.8	1.6	1.4	1.3	1.1	1.2	2.1	2.2	3.1	3.0	3.5	3.6	3.4	3.0	2.3	1.8	1.2	1.0	2.3	2.0	1.0	1.4	2.1		
AVG:	.42	.43	.42	.36	.32	.33	.41	.75	.90	.90	.85	.83	.78	.72	.61	.55	.58	.53	.44	.50	.48	.41	.49	.49		

MONTHLY OBSERVATIONS: 739 MONTHLY MEAN: .56 MONTHLY MAX: 3.6

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-067-0022 POC: 1
 COUNTY: (067) Forsyth
 CITY: (75000) Winston-Salem
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.
 MONITOR COMMENTS: ML 8850 ANALYZER/CHANGED TO API 100A 2/96

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (9220) WINSTON-SALEM, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
 LATITUDE: 36.110556
 LONGITUDE: -80.226667
 UTM ZONE: 17
 UTM NORTHING: 3996287
 UTM EASTING: 569604
 ELEVATION-MSL: 284
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCENCE
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: SEPTEMBER 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.4	.4	.3	.3	.3	.3	.4	1.7	3.4	4.1	2.9	1.5	1.0	1.1	1.0	.9	.8	.8	.3	.2	.2	.2	.3	.2	24	4.1
2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.4	.5	.6	1.1	1.3	1.6	1.4	.2	.2	.2	.2	.2	.2	.3	.2	24	1.6
3	.2	.2	.2	.2	.1	.2	.2	.5	.6	.5	.5	.5	.5	.4	.4	.4	.4	.4	.5	.4	.4	.5	.5	.4	24	.6
4	.5	2.2	3.3	1.8	1.1	.7	.6	1.1	1.0	.8	.8	.7	.6	.4	.6	.6	.6	.5	.6	.6	.7	.7	.7	.7	24	3.3
5	.8	.7	.4	.2	.2	.2	.2	.2	.3	.4	.5	.4	.5	.5	.4	.3	.2	.2	.2	.2	.2	.2	.2	.2	24	.8
6	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	1.3	.4	.4	.2	.3	.7	.7	.3	.2	.2	.2	.3	.2	24	1.3
7	.2	.1	.1	.1	.1	.1	.1	.1	BF	.3	.4	.3	.3	.3	.3	.3	.3	.9	.3	.3	.4	.2	.3	.2	23	.9
8	.2	.2	.2	.2	.3	.3	.4	.4	.6	1.4	1.5	.8	.6	.4	.5	.6	.5	.5	.3	.3	.3	.3	.4	.3	24	1.5
9	.3	.3	.3	.3	.3	.3	.3	.5	.6	.4	.3	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.2	.4	.4	24	.6
10	.4	.4	.3	.2	.2	.2	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.8	.4	.4	.6	.4	24	.8
11	.3	.4	.2	.2	.2	.2	.3	.3	.9	.6	.4	.4	.3	.4	.5	.4	.4	.4	.4	.4	.4	.4	.5	.3	24	.9
12	.3	.3	.2	.2	.2	.2	.2	.8	.7	.5	.5	.4	.4	.4	.5	.4	.3	.3	.4	.4	.4	.4	.5	.3	24	.8
13	.2	.2	.2	.2	.2	.2	.3	1.3	1.5	.8	.7	.6	.5	.4	.6	.3	.4	.4	.4	.3	.3	.3	.4	.3	24	1.5
14	.3	.3	.3	.2	.3	.3	.3	.6	.8	.7	1.0	.4	.3	.4	.5	.5	.4	.5	.5	.5	.5	.4	.3	.3	24	1.0
15	.3	.3	.3	.3	.3	.2	.2	.7	.9	1.1	.8	.8	.8	.9	.7	.7	.6	.2	.2	.3	.4	.3	.2	.4	24	1.1
16	.3	.3	.3	.4	.7	.7	.6	.5	.4	.4	.4	.4	.4	.4	.5	.5	.5	.4	.4	.3	.3	.3	.4	.5	24	.7
17	.4	.5	.5	.3	.4	.4	.5	.6	.6	.8	.7	.5	1.1	1.0	.9	.8	.5	.3	.3	.4	.4	.4	.3	.3	24	1.1
18	.2	.2	.2	.2	.1	.3	.4	.6	.6	.3	.3	.7	1.0	1.0	.5	.2	.2	.2	.2	.3	.3	.2	.7	.8	24	1.0
19	.7	.4	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	24	.7
20	.2	.2	.2	.2	.2	.2	.3	1.3	1.1	1.0	.3	1.2	2.2	1.3	.8	.7	.6	.5	.4	.3	.3	.2	.3	.3	24	2.2
21	.3	.3	.2	.2	.2	.2	.2	.2	BF	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.1	.1	.1	.3	.2	23	.3
22	.2	.1	.1	.1	.1	.1	.1	.1	.3	.3	.4	.7	.5	.2	.4	1.4	.9	.4	.2	.2	.2	.2	.3	.2	24	1.4
23	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.2	24	.3
24	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.2	.3	.2	.2	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	24	.3
25	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.4	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	24	.4
26	.1	.1	.1	.1	.1	.2	.2	.3	.3	.4	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.2	24	.4
27	.2	.2	.1	.1	.2	.2	.2	.2	.3	BC	.4	.4	.4	.5	.5	.5	.5	.5	.8	.4	.4	.5	.6	.5	23	.8
28	.3	.2	.2	.2	.1	.1	.1	.2	.2	.9	1.6	.4	.5	.4	.7	.3	.6	1.4	.4	.4	.3	.3	.4	.3	24	1.6
29	.2	.2	.2	.2	.1	.1	.2	.2	.8	.5	.6	.6	.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	.4	.2	24	.8
30	.2	.2	.2	.2	.2	.2	.3	.2	1.0	.6	.7	.5	.5	.5	.4	.8	.5	.3	.2	.2	.2	.2	.4	.2	24	1.0
31																									0	
NO.:	30	30	30	30	30	30	30	30	29	28	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	.8	2.2	3.3	1.8	1.1	.7	.6	1.7	3.4	4.1	2.9	1.5	2.2	1.3	1.6	1.4	.9	1.4	.8	.8	.7	.7	.7	.8		
AVG:	.29	.33	.32	.25	.24	.23	.26	.46	.64	.65	.60	.52	.53	.49	.48	.47	.40	.40	.40	.32	.31	.30	.28	.37	.31	

MONTHLY OBSERVATIONS: 717 MONTHLY MEAN: .39 MONTHLY MAX: 4.1

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-067-0022 POC: 1
 COUNTY: (067) Forsyth
 CITY: (75000) Winston-Salem
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.
 MONITOR COMMENTS: ML 8850 ANALYZER/CHANGED TO API 100A 2/96

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (9220) WINSTON-SALEM, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
 LATITUDE: 36.110556
 LONGITUDE: -80.226667
 UTM ZONE: 17
 UTM NORTHING: 3996287
 UTM EASTING: 569604
 ELEVATION-MSL: 284
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCENCE
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: OCTOBER 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.4	.3	24	.4		
2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.4	.4	.4	.4	.4	.6	.4	.3	.4	.4	.4	.7	.4	.5	.3	24	.7	
3	.3	.2	.2	.3	.3	.3	1.9	.8	.7	.9	.8	.8	.7	.7	1.2	.7	.7	.7	.5	.3	.3	.2	.2	.2	24	1.9	
4	.2	.4	.2	.2	.3	.3	.4	1.1	.9	.7	.8	.7	.7	.6	.5	.5	.6	.7	.7	.7	.6	.5	.3	.5	24	1.1	
5	.4	.3	.2	.2	.3	.4	.5	.8	1.1	1.0	1.1	2.0	1.5	BF	.5	.5	.5	.7	.8	.8	.6	.4	.6	.6	23	2.0	
6	.4	.3	.2	.2	.2	.2	.3	.6	1.8	2.2	2.3	2.3	2.1	2.0	1.7	1.9	1.9	1.7	1.1	.6	.6	.6	.5	.6	24	2.3	
7	.4	.3	.2	.2	.2	.2	.2	.3	.6	.4	.5	.6	.6	.6	.5	.5	.5	.5	.4	.4	.4	.4	.3	.3	24	.6	
8	.3	.2	.2	.2	.2	.2	.2	.2	1.2	1.2	1.1	.9	.8	.8	.8	.8	.8	.7	.7	.6	.6	.6	.5	.4	24	1.2	
9	.5	.5	.5	.4	.4	.3	.3	.9	1.1	.7	.6	.6	.5	.5	.4	.4	.3	.4	.4	.4	.4	.4	.5	.7	24	1.1	
10	.9	.7	.6	1.1	.9	1.1	1.4	2.7	1.6	1.0	.9	.9	.7	.6	.7	.7	.9	.7	.7	.7	.6	.5	1.0	1.2	24	2.7	
11	1.3	1.3	.8	.5	.6	.6	.5	.7	.8	.8	.6	.3	.3	.2	.2	.3	.4	.4	.3	.2	.2	.2	.2	.1	24	1.3	
12	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.3	.2	.2	.2	.3	.2	24	.3
13	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.4	.3	.2	.2	.1	24	.4
14	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.3	.3	.2	.2	.2	.2	.2	.2	.2	.3	.3	24	.3
15	.3	.3	.2	.2	.2	.2	.2	.2	.3	.7	.9	.8	.8	.6	.4	.4	.5	.4	.4	.4	.4	.4	.6	.4	.4	24	.9
16	.3	.4	.3	.2	.2	.2	.2	.3	.5	.5	.6	.6	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.6	.5	.3	24	.6
17	.3	.3	.3	.4	.4	.4	.4	.6	.6	.6	.6	.7	.9	1.1	.9	1.0	.9	1.0	.9	.9	.7	.9	2.0	1.5	24	2.0	
18	.9	.5	.4	.3	.3	.3	.4	1.1	1.8	2.9	1.7	1.4	1.9	1.1	2.3	1.4	1.0	.7	.7	.5	.3	.2	.2	.2	24	2.9	
19	.2	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	BF	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	23	.2
20	.2	.2	.2	.2	.2	.2	.2	.3	.4	.4	.4	.4	.4	.4	.7	1.1	.8	.9	.3	.2	.2	.2	.2	.3	.2	24	1.1
21	.2	.2	.2	.2	.2	.2	.2	.5	.7	.7	.8	.7	.7	BC	BC	.3	.2	.1	.2	.1	.3	.2	.3	.0	22	.8	
22	.0	.0	.0	.0	-.1	-.1	.0	.0	.1	2.2	4.8	2.3	.9	.6	.5	.4	.4	.3	.2	.1	.0	.0	.1	.0	24	4.8	
23	.0	.0	.0	.0	.0	.1	.0	.0	.0	.3	.5	.4	.5	.5	.6	.6	.6	.5	.3	.1	.0	.0	.0	.0	.0	24	.6
24	.0	.0	.0	.0	.0	.0	.0	.2	4.0	5.7	1.8	2.0	2.3	.7	.7	.6	.3	.2	.3	.3	.2	.1	.3	.3	.3	24	5.7
25	.3	.3	.2	.0	.0	.0	.0	.2	.7	.8	.9	1.2	1.5	1.1	.9	.8	.5	.4	.4	.3	.3	.4	.4	.4	.4	24	1.5
26	.4	.2	.2	.1	.0	.0	.0	.6	1.2	.8	.6	.6	.7	.7	.8	.6	.5	.5	.5	.4	.4	.5	.5	.3	.3	24	1.2
27	.2	.2	.2	.2	.1	.0	.1	.4	.6	.8	4.4	1.1	.9	.7	.7	.6	.5	.4	.4	.1	.0	.0	.0	.1	.1	24	4.4
28	.0	.3	.6	.5	.5	.1	.0	.0	.0	.0	.1	.2	.2	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	24	.6
29	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	-.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.1
30	.0	.0	.0	.0	.0	.0	-.1	.0	.5	1.1	2.5	1.5	1.0	.7	.5	.4	.4	.3	.2	.2	.2	.2	.2	.2	.2	24	2.5
31	.1	.1	.1	.0	.0	.0	.0	.0	.5	2.5	3.9	3.1	2.0	1.8	2.0	2.0	1.1	.7	.4	.2	.2	.1	.3	.0	24	3.9	
NO.:	31	31	31	31	31	31	31	31	31	31	31	31	31	28	30	31	31	31	31	31	31	31	31	31	31		
MAX:	1.3	1.3	.8	1.1	.9	1.1	1.9	2.7	4.0	5.7	4.8	3.1	2.3	2.0	2.3	2.0	1.9	1.7	1.1	.9	.7	.9	2.0	1.5			
AVG:	.28	.25	.22	.20	.20	.19	.26	.44	.75	.98	1.11	.89	.78	.63	.67	.59	.52	.45	.40	.34	.31	.29	.38	.32			

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: .48 MONTHLY MAX: 5.7

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-067-0022 POC: 1
 COUNTY: (067) Forsyth
 CITY: (75000) Winston-Salem
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.
 MONITOR COMMENTS: ML 8850 ANALYZER/CHANGED TO API 100A 2/96

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (9220) WINSTON-SALEM, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
 LATITUDE: 36.110556
 LONGITUDE: -80.226667
 UTM ZONE: 17
 UTM NORTHING: 3996287
 UTM EASTING: 569604
 ELEVATION-MSL: 284
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCENCE
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: NOVEMBER 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	.0	.0	.0	.0	.1	.5	.8	.7	.5	1.1	.6	.5	1.1	.7	.5	1.3	1.3	.7	.5	.3	.2	.1	.2	.1	24	1.3	
2	.0	.1	.1	.1	.0	.5	.3	.4	.4	9.0	1.2	1.2	.7	.5	.4	.4	.4	.4	.4	.3	.3	.0	.1	.0	24	9.0	
3	.0	.0	.0	.0	.0	.2	.4	.5	.1	.6	1.6	5.8	3.9	4.3	2.5	2.0	1.6	1.9	2.4	1.2	.7	.1	.0	.0	24	5.8	
4	.0	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.1	.2	.4	.3	.3	.5	.4	.4	.7	.4	.0	24	.7	
5	.9	.7	.7	.3	.3	2.1	1.0	1.4	1.2	1.9	2.2	1.0	1.1	.2	.1	.1	.1	.1	.2	.1	.2	.2	.3	.3	24	2.2	
6	.3	.3	.3	.2	.4	.5	.2	.4	.8	.2	.0	.0	.0	.0	.1	.2	.2	.2	.1	.0	.0	.1	.1	.1	24	.8	
7	.1	.1	.1	.0	.0	.1	.3	.9	.5	.9	.6	.8	.5	1.0	.7	.3	.2	.1	.1	.1	.0	.1	.0	.0	24	1.0	
8	.1	.2	.1	.1	.0	.0	.1	.3	.1	.5	.4	1.9	2.4	BF	.8	.9	.9	.7	.8	.3	.2	.1	.2	.0	23	2.4	
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	2.0	1.8	1.2	.7	.7	.7	.4	.3	.3	.3	.2	.2	.2	.1	24	2.0	
10	.0	.1	.0	.0	.1	.1	.2	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	24	.4	
11	.1	.1	.2	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.4	.4	.4	.3	.2	.1	.1	.3	.1	24	.4	
12	.1	.0	.0	.0	.0	.0	.0	.3	.7	.7	.7	1.2	1.2	.3	.2	.2	.2	.2	.2	.3	.8	1.2	1.5	1.4	24	1.5	
13	1.4	1.2	1.1	1.2	1.2	1.1	1.0	1.1	1.2	1.2	1.1	1.1	1.2	1.0	.8	.7	.8	.6	.5	.5	.4	.5	.5	.3	24	1.4	
14	.4	.4	.4	.2	.2	.2	.2	.2	.4	.4	.4	.3	.2	.3	.2	.2	.2	.3	.3	.3	.2	.1	.2	.1	24	.4	
15	.1	.2	.2	.1	.2	.2	.1	.1	.2	.3	.6	.1	.0	.0	.0	.0	.0	.0	.2	.6	.7	.3	.1	.1	24	.7	
16	.1	.0	.0	.0	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	24	.1	
17	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	.0	.0	.0	.0	.1	.1	.3	.2	.2	.1	.0	.1	.0	.0	24	.3	
18	.0	.0	.0	.0	.0	.0	.2	.3	.5	.7	.9	.8	1.0	1.3	.9	.5	.5	.5	.6	.6	.4	.4	.6	.3	24	1.3	
19	.2	.2	.1	.1	.1	.1	.1	.1	.5	1.2	1.5	.9	.9	1.5	1.9	2.4	2.7	2.0	1.8	.6	.5	.4	.4	.4	24	2.7	
20	.3	.4	.4	.3	.2	.3	.3	.2	.4	.5	.6	.7	.3	.2	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	24	.7
21	.0	.0	.0	.0	.0	.0	.1	.5	.9	.7	.1	.0	.8	1.5	1.0	.4	2.0	.5	.2	.0	.0	.0	.1	.0	24	2.0	
22	.0	.0	.0	.0	.0	-.1	.0	.0	.0	BF	.7	.4	.6	.6	.2	.1	.1	.2	.1	.0	.0	.3	.3	.2	23	.7	
23	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	-.1	-.1	.0	.0	.1	.3	.4	.7	.6	.5	24	.7	
24	.4	.3	.2	.0	.0	.0	.0	.0	.1	.2	.2	.4	.2	.1	.1	.0	.0	.1	.2	.1	.3	.4	.2	.3	24	.4	
25	.2	.1	.0	.0	.0	.3	.2	.3	.3	.3	.1	.1	.0	.0	.1	.1	.0	.0	.0	.1	.1	.1	.1	.1	24	.3	
26	.1	.1	.0	.0	.0	.0	.0	.0	.3	.3	.9	.9	.6	.3	.0	.0	.0	.1	.2	.1	.4	.5	.5	.3	24	.9	
27	.3	.5	.8	.5	.7	.7	.3	.2	.5	.6	.2	.1	.0	.0	.0	.0	.0	.3	.4	.0	.0	.0	.0	.0	24	.8	
28	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	24	0.0	
29	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.1	.1	.1	.3	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	24	.3	
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	24	.2	
31																									0		
NO.:	30	30	30	30	30	30	30	30	30	29	30	30	30	29	30	30	30	30	30	30	30	30	30	30			
MAX:	1.4	1.2	1.1	1.2	1.2	2.1	1.0	1.4	1.2	9.0	2.2	5.8	3.9	4.3	2.5	2.4	2.7	2.0	2.4	1.2	.8	1.2	1.5	1.4			
AVG:	.17	.16	.14	.09	.10	.21	.18	.26	.32	.79	.56	.67	.59	.51	.37	.36	.41	.34	.34	.21	.21	.23	.24	.15			

MONTHLY OBSERVATIONS: 718 MONTHLY MEAN: .32 MONTHLY MAX: 9.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-067-0022 POC: 1
 COUNTY: (067) Forsyth
 CITY: (75000) Winston-Salem
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.
 MONITOR COMMENTS: ML 8850 ANALYZER/CHANGED TO API 100A 2/96

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (9220) WINSTON-SALEM, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
 LATITUDE: 36.110556
 LONGITUDE: -80.226667
 UTM ZONE: 17
 UTM NORTHING: 3996287
 UTM EASTING: 569604
 ELEVATION-MSL: 284
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCENCE
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: DECEMBER 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.7	2.1	2.0	1.2	.8	.7	.7	1.0	1.0	1.1	1.0	.7	.8	.5	24	2.1	
2	.6	.6	.7	.5	.5	.5	.7	.6	.9	.6	.3	.2	.3	.1	.0	.0	.0	.2	.3	.8	.6	.3	.7	.4	24	.9	
3	.2	.7	1.5	1.6	2.3	2.6	2.8	3.6	4.3	5.0	5.0	4.6	4.3	3.7	3.3	3.1	2.8	2.5	2.4	2.2	2.3	2.2	2.8	2.6	24	5.0	
4	2.4	1.7	1.4	.9	.6	.4	.3	.3	1.0	1.7	2.6	2.1	1.9	1.6	1.4	1.0	.6	.8	.7	.5	.6	.6	.4	.3	24	2.6	
5	.3	.4	.4	.3	.4	.4	.5	.5	.7	.7	.7	.6	.4	.2	.3	.2	.2	1.6	.3	.0	.0	.0	.0	.0	24	1.6	
6	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	BF	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.1	.1	23	.2	
7	.1	.3	.4	.2	.2	.1	.1	.1	.1	.0	.0	-.1	-.1	-.1	.0	.0	.1	-.1	.0	.7	1.0	.9	.5	.5	24	1.0	
8	.1	.1	.0	.0	.0	.1	.2	.3	.6	.6	.4	.4	.3	.4	.3	.4	.5	.5	.6	.6	.5	.5	.5	.4	24	.6	
9	.2	.1	.2	.1	.2	.2	.8	.7	.8	1.3	1.3	1.0	.7	.6	.6	.5	.4	.6	1.0	.9	.7	.8	.9	.6	24	1.3	
10	.4	.5	.8	.6	.4	.3	.4	.3	.9	1.7	2.4	2.2	2.3	2.8	2.9	2.4	1.3	.8	.4	.2	.1	.1	.2	.1	24	2.9	
11	.2	1.0	1.4	1.3	1.2	1.3	1.3	1.3	1.3	1.9	1.9	1.8	2.7	2.9	1.8	1.6	1.6	1.4	1.5	1.4	1.4	1.4	1.4	1.3	24	2.9	
12	1.4	2.5	2.4	1.6	1.5	1.6	1.8	1.8	1.6	1.5	1.7	1.5	1.3	1.8	3.7	3.1	2.0	1.6	.9	.8	.6	.6	.7	.5	24	3.7	
13	.7	.6	.5	.5	.3	.3	.3	.8	1.0	.9	2.5	5.2	3.0	2.3	.3	.7	.1	.4	.4	.4	.5	.8	1.1	.5	24	5.2	
14	.4	.3	.2	.2	.2	.3	.4	.6	.6	.6	.6	.7	.8	.6	.5	.9	1.0	.9	.6	.6	.5	.4	.4	.3	24	1.0	
15	.3	.3	.2	.1	.1	.0	.0	.0	.0	.7	1.0	.7	.5	.1	.0	.0	.1	.4	.4	.3	.5	.5	.3	.3	24	1.0	
16	.3	.2	.1	.0	.0	.0	.2	.2	.6	10.7	10.2	2.2	1.6	.5	.2	.1	.0	.0	.0	.0	.0	.0	.2	.0	24	10.7	
17	.0	.0	.0	-.1	-.1	-.1	-.1	.0	.0	-.1	.0	.0	.1	.1	.0	.0	.0	.1	.1	.1	.0	.1	.1	.1	24	.1	
18	.0	.1	.0	.0	.0	.0	.1	.2	.8	1.7	.7	.8	.8	.8	.6	.6	.5	.4	.4	.6	.5	.4	.5	.3	24	1.7	
19	.2	.3	.4	.2	.2	.3	.2	.5	1.1	BA	BA	.9	.7	1.1	1.3	1.9	1.7	.9	.9	.9	.8	.7	.7	.6	22	1.9	
20	.6	.5	.3	.2	.2	.1	.1	.3	.5	.9	BF	BF	.8	.6	.7	AZ	AZ	AZ	.4	.2	.0	.0	.1	.0	19	.9	
21	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	24	0.0
22	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	24	0.0
23	.0	.0	.0	-.1	-.1	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
24	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.2	.1	.1	.2	1.0	.8	.7	.5	.4	.2	.2	.3	.1	24	1.0	
25	.2	.0	.1	.1	.1	.0	.0	.0	.0	.0	.3	.7	.7	.5	.6	.6	.3	.3	.2	.0	.0	.0	.1	.0	24	.7	
26	.0	.1	.2	.3	.5	.4	.6	.6	.4	.3	.1	.1	.1	.2	1.0	2.4	2.1	1.2	.8	.6	.6	.4	.6	.3	24	2.4	
27	.2	.3	.3	.3	.3	.2	.0	.0	.0	.0	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	24	.3	
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.4	.2	24	.4	
29	.1	.0	.1	.1	.6	.1	.8	.3	.4	.5	.5	.3	.4	.2	.2	.3	.2	.2	.2	.3	.3	.3	.5	.3	24	.8	
30	.3	.3	.3	.2	.2	.2	.1	.1	.2	.6	1.3	2.0	1.3	1.0	.5	.4	.3	.3	.3	.3	.4	.4	.5	.3	24	2.0	
31	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.1	.2	.2	.3	.3	.7	.5	24	.7	
NO.:	31	31	31	31	31	31	31	31	31	30	29	29	31	31	31	30	30	30	31	31	31	31	31	31	31		
MAX:	2.4	2.5	2.4	1.6	2.3	2.6	2.8	3.6	4.3	10.7	10.2	5.2	4.3	3.7	3.7	3.1	2.8	2.5	2.4	2.2	2.3	2.2	2.8	2.6			
AVG:	.29	.35	.38	.29	.31	.29	.36	.42	.57	1.06	1.18	1.04	.87	.75	.68	.73	.57	.56	.46	.45	.43	.41	.50	.35			

MONTHLY OBSERVATIONS: 736 MONTHLY MEAN: .55 MONTHLY MAX: 10.7

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-119-0041 POC: 2
 COUNTY: (119) Mecklenburg
 CITY: (12000) Charlotte
 SITE ADDRESS: 1130 EASTWAY DRIVE
 SITE COMMENTS: 1/1 PM2.5 Sampling on roof of monitoring shelter. MOVED SHELTER 230 M SW OF ORIGIN
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (167) METROPOLITAN CHARLOTTE
 URBANIZED AREA: (1510) CHARLOTTE, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
 LATITUDE: 35.2401000009
 LONGITUDE: -80.785683
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 232
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality
 MONITOR TYPE: SLAMS

REPORT FOR: JANUARY 2011

DURATION: 1 HOUR

COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43

UNITS: Parts per billion

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

MIN DETECTABLE: .2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	3.0	4.2	3.3	2.7	.9	1.3	1.4	.2	.1	.2	.2	.3	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	24	4.2
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.1	.4	1.3	1.1	.4	.3	.3	24	1.3
3	.1	.2	.2	.2	.1	.0	.1	1.2	2.1	.5	.6	.5	.4	.4	.3	.3	.3	.3	.3	1.8	1.4	1.6	1.0	1.6	24	2.1	
4	.3	.6	.8	.6	.7	.6	.6	.8	1.0	1.3	1.2	1.0	1.3	2.2	1.8	1.5	1.5	1.6	1.5	1.6	2.9	1.6	2.2	2.4	24	2.9	
5	2.4	2.5	2.2	2.4	2.1	2.1	2.6	3.4	4.3	3.9	3.6	4.1	3.0	2.1	1.8	1.2	1.0	1.0	.9	1.0	.7	.6	.6	.7	24	4.3	
6	1.5	1.5	.9	.3	.3	.2	.3	.4	.7	2.5	3.0	2.9	1.8	.7	.6	.7	.4	.6	.8	.6	.6	.3	.1	.1	24	3.0	
7	.1	.1	.1	.1	.1	.4	.5	.5	.8	.9	.6	.7	.6	.4	.4	.3	.2	.2	.2	.3	.4	.1	.0	.0	24	.9	
8	.3	.3	.1	.0	.1	.0	.1	.2	.4	.7	.5	.7	.6	.5	.4	.3	.3	.0	.0	.2	.5	.6	1.3	24	1.3		
9	.9	.8	.7	2.7	.8	.5	.4	.5	1.1	.9	.7	2.1	1.7	.8	1.2	1.5	1.6	1.4	1.3	1.4	1.6	2.0	2.4	1.0	24	2.7	
10	.9	.9	.9	.9	.6	.6	.9	1.8	2.3	2.0	1.4	1.1	1.0	1.1	.9	.8	1.1	.9	.9	.9	.7	.5	.7	1.3	24	2.3	
11	3.8	4.7	3.4	2.8	2.8	3.4	3.2	2.6	2.0	2.5	2.4	1.7	1.4	1.0	1.2	2.4	1.2	.5	.3	.2	.2	.9	.4	.2	24	4.7	
12	.1	.1	.2	.3	.6	.4	1.0	1.5	1.8	2.0	1.7	1.5	BF	BF	BF	BF	.8	.8	.7	.7	.6	.6	.6	.7	20	2.0	
13	4.2	21.6	19.6	12.5	10.3	5.7	2.2	2.2	9.1	6.7	1.9	2.0	2.1	1.3	1.1	1.5	1.7	1.6	1.5	2.3	1.8	2.3	2.2	1.3	24	21.6	
14	1.1	1.1	1.0	.9	.7	.7	1.2	2.2	3.2	2.7	2.9	2.4	2.1	2.1	2.8	2.6	2.0	1.9	2.1	2.3	2.3	2.9	3.2	3.1	24	3.2	
15	2.9	2.7	1.9	2.4	1.7	2.3	2.0	1.7	1.9	2.4	3.5	3.7	2.3	2.0	1.1	.7	.6	.7	.7	1.0	1.4	1.6	.7	.5	24	3.7	
16	.5	.7	.6	.6	.7	.7	.9	1.0	1.5	1.7	1.1	1.0	1.0	1.8	1.9	1.4	1.1	1.0	1.1	.9	1.2	1.5	1.8	1.7	24	1.9	
17	1.5	1.6	1.7	1.0	.9	1.3	3.0	1.3	1.2	1.9	1.9	2.0	2.7	2.9	3.6	6.7	3.3	3.9	6.1	4.1	1.8	2.0	4.0	3.8	24	6.7	
18	2.2	1.3	.9	.7	.6	.6	.6	.6	1.0	1.9	1.9	1.5	1.4	1.3	2.0	2.3	1.1	.5	.4	.1	.1	.1	.1	.0	24	2.3	
19	.0	.0	.0	.0	.1	.1	.2	.2	.3	.3	.4	.6	.4	.5	.4	.3	.2	.1	.2	.6	.4	.3	.3	.4	24	.6	
20	.6	.8	.9	.9	.9	1.0	1.0	.9	1.5	BF	BF	.9	.5	.5	.5	.5	.5	.8	1.0	.8	1.0	1.2	1.1	1.1	22	1.5	
21	1.0	1.6	1.3	1.9	.9	2.1	1.7	1.3	1.1	.8	3.7	7.6	4.4	5.5	5.4	1.6	.6	1.3	1.0	.9	.9	.5	.7	.5	24	7.6	
22	.5	.5	.5	.3	.3	1.8	2.0	1.8	1.9	2.0	2.1	3.2	3.7	2.5	1.7	4.5	7.8	5.2	2.3	2.0	2.9	4.5	4.2	4.6	24	7.8	
23	4.6	3.9	3.7	3.5	4.1	4.5	4.8	4.9	5.1	3.2	2.6	1.5	1.5	2.9	1.6	1.0	.9	.9	.8	1.4	2.3	2.1	2.7	2.6	24	5.1	
24	2.8	2.1	2.1	2.2	1.5	1.3	1.9	2.4	2.8	2.4	2.3	2.6	3.3	3.0	2.5	2.5	2.7	2.9	2.4	2.1	2.4	2.7	2.1	1.8	24	3.3	
25	1.7	1.2	.9	1.7	2.0	2.2	4.1	4.2	4.5	4.4	3.9	2.9	2.8	2.5	2.4	3.2	2.6	3.4	3.2	2.3	3.6	4.5	2.3	1.1	24	4.5	
26	1.0	1.2	.8	.3	.4	.4	.2	.1	.1	.1	.1	.1	.3	1.5	.3	.2	.2	.9	1.2	1.5	1.8	1.9	1.6	6.7	24	6.7	
27	5.1	3.9	1.7	1.1	1.2	1.3	1.9	2.0	2.5	1.6	2.1	2.2	2.5	9.9	2.8	1.8	1.0	.6	.7	.9	.6	.5	1.0	.6	24	9.9	
28	.3	.4	.2	.2	.3	.3	.9	1.1	1.2	1.7	2.8	6.3	2.2	1.0	.9	.7	.7	.6	.3	.3	.6	.8	.9	1.3	24	6.3	
29	1.4	2.5	2.2	2.0	2.3	1.9	1.2	1.5	1.3	1.3	2.9	1.4	1.7	1.0	.6	.6	.8	1.0	1.0	1.1	.9	.8	.9	1.0	24	2.9	
30	.7	.8	.8	1.2	2.1	1.7	1.3	2.5	2.4	1.5	1.4	1.1	.8	.5	.6	.6	.7	.6	.6	.7	.7	.9	.8	.8	24	2.5	
31	.8	.8	.9	1.5	2.6	3.4	3.1	2.8	2.8	2.7	2.4	2.3	2.3	2.3	2.3	2.2	2.2	2.3	2.4	2.3	2.1	2.2	2.2	2.2	24	3.4	
NO.:	31	31	31	31	31	31	31	31	31	30	30	31	30	30	30	30	31	31	31	31	31	31	31	31	31		
MAX:	5.1	21.6	19.6	12.5	10.3	5.7	4.8	4.9	9.1	6.7	3.9	7.6	4.4	9.9	5.4	6.7	7.8	5.2	6.1	4.1	3.6	4.5	4.2	6.7			
AVG:	1.49	2.08	1.76	1.55	1.38	1.38	1.46	1.54	2.00	1.89	1.87	1.99	1.67	1.82	1.45	1.47	1.27	1.22	1.15	1.18	1.26	1.38	1.35	1.44			

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: 1.54 MONTHLY MAX: 21.6

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-119-0041 POC: 2
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 SITE ADDRESS: 1130 EASTWAY DRIVE
 SITE COMMENTS: 1/1 PM2.5 Sampling on roof of monitoring shelter. MOVED SHELTER 230 M SW OF ORIGIN
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 URBANIZED AREA: (1510) CHARLOTTE, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
 LATITUDE: 35.2401000009
 LONGITUDE: -80.785683
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 232
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43

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

REPORT FOR: FEBRUARY 2011

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: .2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM		
1	2.1	2.0	2.2	2.5	2.1	2.0	1.9	2.0	1.9	BF	BF	BF	1.2	1.3	.9	.7	.6	.6	.5	.6	.9	.9	.8	.2	21	2.5		
2	.1	.0	.1	.1	.1	.0	.0	.3	.4	.2	BA	BA	BA	BA	BA	BA	.0	.0	.0	.6	.7	1.5	1.3	1.2	18	1.5		
3	1.0	1.1	1.0	.7	.7	1.1	1.0	.7	.7	.7	.7	.7	.7	.6	.6	.6	.6	.6	.6	.6	.6	.5	.2	.3	24	1.1		
4	.3	.3	.3	.2	.2	.1	.2	.3	.3	.3	.2	.2	.1	.1	.1	AZ	AZ	.0	.0	.0	.0	.0	.0	.0	.0	22	.3	
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	24	.1		
6	.0	.1	.1	.1	.0	.2	.4	1.0	.8	.2	.1	.4	.2	.2	.2	.1	.6	.8	.3	.2	.9	.5	1.4	1.6	24	1.6		
7	1.4	1.8	2.1	2.0	2.0	1.7	3.3	5.7	4.9	1.0	1.5	1.6	2.1	2.7	2.5	2.9	3.0	3.1	2.1	1.3	1.7	1.6	.5	.4	24	5.7		
8	.2	.1	.1	.1	.1	.8	2.6	5.6	5.5	4.4	1.1	.7	1.3	.7	.5	.6	.9	.4	.4	.7	1.8	1.5	.3	.2	24	5.6		
9	.3	.2	.2	.3	.3	.4	.5	.6	1.9	1.9	1.5	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.0	2.6	3.1	24	3.1		
10	2.1	.6	.2	.1	.7	.6	.5	.5	.9	BF	BF	.5	.2	.1	.2	.2	.2	.2	.3	.9	1.3	1.8	1.7	1.8	22	2.1		
11	.9	.4	.2	.1	.1	.2	1.4	4.6	2.7	2.1	7.2	1.9	.9	.8	1.1	.7	.7	.6	.5	.5	.4	.3	.3	.8	24	7.2		
12	.8	.8	.9	1.3	.8	.6	.8	1.4	1.6	1.9	1.8	2.4	.8	.4	.5	.6	.5	.4	.5	.7	.8	.5	.6	.9	24	2.4		
13	1.5	2.8	1.5	1.2	1.2	1.2	1.6	1.6	1.3	.9	1.1	1.1	.9	.5	.5	.4	.2	.1	.1	.1	.2	.2	.2	.3	24	2.8		
14	.5	.7	1.1	2.1	2.1	2.2	2.5	2.5	2.3	2.0	1.6	1.4	1.3	1.2	1.1	1.0	1.0	.5	.6	.6	.5	.5	.6	.7	24	2.5		
15	.4	.2	.2	.2	.3	.4	.3	.5	.9	1.2	1.1	.8	.6	.5	.3	.3	.3	.3	.2	.3	.3	.4	.5	.5	24	1.2		
16	.5	.8	.7	.5	.4	.4	1.3	2.8	2.5	1.9	1.3	.8	1.0	2.0	1.5	.7	.6	.5	.7	.6	.5	.5	.4	.4	24	2.8		
17	.6	.5	.4	.4	.4	.5	.8	1.1	1.4	2.6	1.6	.8	.6	.5	.3	.2	.1	.2	.1	.2	.2	.3	.4	.6	24	2.6		
18	.4	.4	.6	.5	.5	.5	.4	.5	1.1	1.3	1.4	1.0	.9	.7	.5	.5	.4	.7	.2	.1	.1	.1	.1	.1	24	1.4		
19	.1	.1	.2	.3	.6	.9	.6	.5	.5	.3	.2	.1	.1	.1	.1	.1	.1	.1	.2	.2	.6	.8	.9	.7	24	.9		
20	.6	.5	.5	.6	.9	1.1	.9	.8	2.2	4.0	2.5	1.5	.8	.7	.6	.4	.4	1.4	.7	.4	.4	1.7	.9	1.2	24	4.0		
21	.6	.7	1.2	.4	.5	.5	.5	.5	.7	.8	.7	.4	.3	.3	.2	.1	.1	.1	.2	.1	.1	.1	.2	.3	24	1.2		
22	.3	.3	.5	.9	1.0	.8	.6	.4	BF	BF	.4	.4	.4	.5	.3	.2	.3	.6	.2	.0	.0	.0	.0	.0	22	1.0		
23	.0	.6	.7	.7	.7	.8	.7	.9	.9	.5	.4	.3	.4	.4	.3	.3	.3	.4	.4	.4	.3	.3	.4	.5	24	.9		
24	.4	.3	.3	.4	.6	.5	.4	.4	.5	.6	.5	1.7	1.3	1.0	.9	.4	.4	.4	.9	.7	.3	.2	.3	.3	24	1.7		
25	.2	.2	.5	1.1	1.4	1.3	.4	.2	.1	.1	.0	.0	.1	.1	.2	.0	.0	.0	.0	.4	.6	.4	.4	.2	24	1.4		
26	.2	.3	.4	.6	.7	.7	.9	.9	.9	1.2	1.3	1.2	1.1	1.0	1.0	1.1	1.0	.7	.7	.6	.5	.4	.4	.4	24	1.3		
27	.4	.4	.4	.4	.3	.3	.3	.3	.8	1.1	1.1	.7	.7	.6	.5	.5	.4	.7	.9	.8	.5	.5	.8	.8	24	1.1		
28	1.1	1.6	1.1	.8	.6	.6	.7	1.0	1.1	.7	1.8	1.7	1.3	.8	.6	.5	.5	.4	.0	.0	.0	.0	.0	.0	24	1.8		
29																										0		
30																											0	
31																											0	
NO.:	28	28	28	28	28	28	28	28	27	25	25	26	27	27	26	27	28	28	28	28	28	28	28	28	28			
MAX:	2.1	2.8	2.2	2.5	2.1	2.2	3.3	5.7	5.5	4.4	7.2	2.4	2.1	2.7	2.5	2.9	3.0	3.1	2.1	1.3	1.8	1.8	2.6	3.1				
AVG:	.61	.64	.63	.66	.69	.73	.91	1.34	1.44	1.28	1.24	.90	.76	.70	.61	.54	.53	.53	.45	.46	.55	.59	.58	.63				

MONTHLY OBSERVATIONS: 657 MONTHLY MEAN: .75 MONTHLY MAX: 7.2

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-119-0041 POC: 2
 COUNTY: (119) Mecklenburg
 CITY: (12000) Charlotte
 SITE ADDRESS: 1130 EASTWAY DRIVE
 SITE COMMENTS: 1/1 PM2.5 Sampling on roof of monitoring shelter. MOVED SHELTER 230 M SW OF ORIGIN
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (167) METROPOLITAN CHARLOTTE
 URBANIZED AREA: (1510) CHARLOTTE, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
 LATITUDE: 35.2401000009
 LONGITUDE: -80.785683
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 232
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43

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

REPORT FOR: MARCH 2011

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: .2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	.0	.0	.0	.1	.0	.1	.2	.3	.3	.3	.3	.5	.4	.4	.5	.5	.5	.4	.4	.5	.9	.7	1.1	.4	24	1.1	
2	.3	.3	.3	.1	.1	.2	.4	2.4	2.2	2.1	2.7	1.0	.6	1.4	1.2	1.5	.8	.7	.8	1.0	1.8	1.9	.9	1.0	24	2.7	
3	1.0	1.1	1.2	1.2	1.9	2.8	3.2	3.0	2.2	BF	1.3	1.3	1.4	1.4	1.1	2.0	2.0	1.3	1.1	.8	.5	.4	.4	.5	23	3.2	
4	.4	.3	.2	.2	.2	.2	.6	1.0	.9	2.1	1.4	.5	.3	.2	.3	.4	.4	.2	.2	.2	.2	.2	.2	.2	24	2.1	
5	.2	.1	.1	.4	.5	.2	.2	.2	.2	.1	.1	.1	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	24	.5	
6	.4	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.7	.9	.6	.3	.2	.1	24	.9	
7	.1	.0	.2	.5	.4	.4	.6	1.2	.6	.5	.4	.3	.2	.2	.3	.3	.4	.3	.2	.2	.2	.7	1.2	.6	24	1.2	
8	.5	.9	.6	.5	1.2	2.3	2.0	1.8	1.7	2.0	3.1	1.3	.9	1.2	.7	.6	.7	.5	.4	.4	.3	.4	.7	1.2	24	3.1	
9	1.2	1.2	.7	.3	.2	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	24	1.2	
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.1	.1	.2	.5	.4	.3	24	.5	
11	.3	.3	.3	.3	.2	.1	.3	.5	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.5	
12	.0	.1	.1	.3	.2	.5	.4	.5	.4	.5	.7	.5	.5	.4	.2	.3	.4	.4	.3	.3	.4	.4	.4	.5	24	.7	
13	.5	.5	.4	.4	.3	.2	.2	.3	.7	1.0	1.4	.8	.7	.6	.6	.6	.4	.3	.4	.4	.5	.8	.5	.6	24	1.4	
14	.8	.6	.6	.6	.6	.7	.7	1.0	1.0	.7	AV	.8	.9	.8	.8	.7	.5	.5	.6	1.0	.7	.8	1.8	.9	23	1.8	
15	1.2	4.0	2.0	.7	.8	.8	.7	.7	1.4	BF	BF	.3	.3	.9	.8	.8	.7	.5	.2	.1	.0	.0	.1	22	4.0		
16	.2	.2	.1	.1	.1	.2	.3	.6	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.1	1.8	2.2	24	2.2	
17	1.2	.9	1.2	.9	1.2	1.2	3.1	2.1	.3	.4	.3	.4	.4	.7	.7	.4	.4	.3	.3	.4	.3	.3	.3	.3	24	3.1	
18	.2	.2	.2	.6	.7	.6	.5	1.1	2.5	2.0	1.7	1.1	.8	.7	.5	.6	.7	.7	.7	.7	1.0	.5	.5	.5	24	2.5	
19	.6	.4	.3	.2	.4	.3	.9	.2	.1	.1	.0	.0	.2	.3	.3	.4	.4	.4	.4	.4	.4	.4	1.5	.8	24	1.5	
20	.7	.7	.9	.7	.7	.8	.4	.4	.3	.3	.3	.5	.5	.4	.4	.6	.6	.5	.3	.3	.3	.3	.3	.3	24	.9	
21	.5	.5	.6	.8	1.0	1.0	1.0	.8	.8	BF	BF	BF	BC	BC	BC	.0	.0	.1	.2	.1	.1	.0	.0	.1	18	1.0	
22	.2	.5	.4	.4	.4	.4	.4	.8	1.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.1	.2	.2	24	1.1	
23	.1	.1	.3	.6	.7	.8	.7	.7	.5	.6	.6	.5	.4	.1	.0	.0	-.1	.0	.0	.1	.1	.0	.0	-.1	24	.8	
24	-.1	-.1	.0	.1	.0	-.1	-.1	BF	BF	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.1	.4	1.4	.0	.1	.1	.1	22	1.4	
25	.1	.0	.0	.0	.0	.0	.0	.4	.8	.4	.4	.4	.3	.3	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2	24	.8	
26	.1	.2	.2	.1	.5	1.1	.5	.2	.1	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	24	1.1	
27	-.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	24	0.0	
28	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.1	.0	.1	.0	.0	.2	.4	.5	.4	.8	.4	.0	-.1	-.1	-.1	-.1	-.1	24	.8	
29	.0	.0	.1	.2	.5	1.1	2.6	2.9	.8	1.0	.9	.8	.7	.7	.6	.5	.4	.3	.3	.3	.2	.2	.2	.3	24	2.9	
30	.4	.4	.4	.4	.5	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	-.1	24	.5	
31	.0	.0	-.1	-.1	-.1	.0	.1	.4	.8	.5	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	24	.8	
NO.:	31	31	31	31	31	31	31	30	30	28	28	30	30	30	30	31	31	31	31	31	31	31	31	31	31		
MAX:	1.2	4.0	2.0	1.2	1.9	2.8	3.2	3.0	2.5	2.1	3.1	1.3	1.4	1.4	1.2	2.0	2.0	1.3	1.1	1.0	1.8	1.9	1.8	2.2			
AVG:	.35	.44	.37	.34	.42	.51	.64	.78	.67	.53	.55	.38	.33	.37	.33	.35	.32	.25	.25	.27	.32	.32	.40	.36			

MONTHLY OBSERVATIONS: 732 MONTHLY MEAN: .41 MONTHLY MAX: 4.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-119-0041 POC: 2
 COUNTY: (119) Mecklenburg
 CITY: (12000) Charlotte
 SITE ADDRESS: 1130 EASTWAY DRIVE
 SITE COMMENTS: 1/1 PM2.5 Sampling on roof of monitoring shelter. MOVED SHELTER 230 M SW OF ORIGIN
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (167) METROPOLITAN CHARLOTTE
 URBANIZED AREA: (1510) CHARLOTTE, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
 LATITUDE: 35.2401000009
 LONGITUDE: -80.785683
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 232
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43

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

REPORT FOR: APRIL 2011

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: .2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	.5	.4	1.1	.7	.0	.6	.7	1.7	7.4	2.7	3.1	2.0	.1	.3	.3	.1	.1	.1	.2	.2	.2	.7	.8	.4	24	7.4	
2	.4	.4	.3	.0	.0	.0	.0	.3	.4	.9	.0	.1	.0	-.1	-.1	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.2	24	.9
3	.3	.1	.2	.2	.2	.3	.6	.5	.6	.4	.4	.4	.5	.2	.2	.2	.1	.1	.0	.1	.5	.5	1.4	1.2	24	1.4	
4	1.0	.5	.5	.5	.5	.5	.7	.7	1.0	.9	BF	BF	.9	.5	.3	.2	.2	.1	.0	.2	.2	.1	.6	.3	22	1.0	
5	.5	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	.0	.0	.0	.0	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	24	.5	
6	-.1	-.1	-.1	.0	.4	.8	2.5	1.2	1.3	1.2	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.3	24	2.5	
7	.2	.1	.0	.0	.0	.1	.3	AZ	AZ	AZ	AZ	AZ	AZ	AZ	.5	.5	.4	.4	.1	.1	.1	.2	.3	.4	17	.5	
8	.2	.2	.3	.4	.1	.0	.1	.4	.6	.8	.6	.2	.0	.0	.0	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	24	.8	
9	.1	.0	.1	.7	.4	.5	.9	.9	.6	.2	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	24	.9	
10	-.1	-.1	-.1	-.1	-.1	-.2	-.2	.1	.1	.0	-.1	-.1	-.1	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	24	.1	
11	.4	1.7	.7	.1	.0	.0	.0	.0	.1	.3	.3	.1	.0	.0	.0	.2	.0	-.1	-.1	.0	.2	.3	.0	.1	24	1.7	
12	.1	.1	.3	.2	.0	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	.0	.0	-.2	-.2	-.1	.0	.0	.0	24	.3	
13	.0	.0	.0	-.1	-.1	-.1	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.2	.2	.1	24	.5	
14	.2	.2	.4	.1	.0	.0	BF	BF	BF	.8	.8	.6	.6	.5	.5	.6	.6	.7	.7	.6	.4	.4	.2	.2	21	.8	
15	.1	.0	.0	-.1	-.1	-.1	.0	.2	.3	.2	.2	.3	.3	.3	.4	.3	.3	.2	.1	.0	.0	.1	.0	.0	24	.4	
16	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	.0	.1	.1	.2	.2	.2	-.1	-.1	.0	-.1	-.1	-.1	24	.2	
17	-.1	-.2	-.2	-.2	-.2	-.2	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0	
18	-.1	-.1	-.1	-.1	-.1	-.1	.0	1.2	1.5	.8	1.8	2.0	1.0	.3	.5	.2	.0	.0	.2	.4	.2	.4	.7	.3	24	2.0	
19	.3	.1	.0	.0	.0	-.1	.0	.4	1.0	.9	1.0	.7	.6	.7	.5	.3	.2	.2	.2	.2	.4	.6	.5	1.5	24	1.5	
20	1.0	.8	.3	.1	.1	.1	.1	.3	.3	.6	AV	1.4	.3	.3	.2	.0	-.1	-.1	-.1	.0	.0	.5	.4	.0	23	1.4	
21	.0	.2	.1	.0	.0	.0	.1	.2	.2	.1	.0	.0	.3	.0	.1	.3	.0	.1	.0	.1	.4	.5	.4	.1	24	.5	
22	.0	-.1	-.1	-.1	.0	.1	.1	.0	-.1	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.1	-.2	-.2	24	.1	
23	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	24	.1	
24	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.2	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.3	
25	.0	.2	.1	.0	.0	.0	.0	.0	.2	.1	.1	.0	.0	.2	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	24	.2	
26	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.2	.2	.1	.0	-.1	-.1	-.1	-.1	-.1	-.2	-.1	24	.2	
27	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	BF	BF	BF	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	8	0.0	
28	BA	BA	BA	BA	BA	BA	BA	BA	BC	BC	BC	BC	BC	.1	.1	.1	.1	.1	.1	.1	.7	.3	.0	.0	11	.7	
29	4.8	.5	.0	.0	.0	.0	.1	.6	.9	.2	.2	.0	.0	.0	.0	.0	.0	.2	.1	.2	.2	.0	.1	.3	24	4.8	
30	.3	.3	.4	.3	.1	.2	.5	.6	.6	.5	.4	.3	.3	.2	.2	.3	.2	.2	.2	.1	.1	.0	.0	.0	24	.6	
31																									0		
NO.:	29	29	29	29	29	29	28	27	26	27	25	26	27	28	29	29	29	29	29	29	29	29	29	29	29		
MAX:	4.8	1.7	1.1	.7	.5	.8	2.5	1.7	7.4	2.7	3.1	2.0	1.0	.7	.5	.6	.6	.7	.7	.6	.7	.7	1.4	1.5			
AVG:	.33	.16	.12	.07	.02	.06	.22	.34	.65	.42	.38	.32	.17	.12	.13	.11	.07	.06	.02	.05	.10	.14	.18	.16			

MONTHLY OBSERVATIONS: 678 MONTHLY MEAN: .18 MONTHLY MAX: 7.4

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-119-0041 POC: 2
 COUNTY: (119) Mecklenburg
 CITY: (12000) Charlotte
 SITE ADDRESS: 1130 EASTWAY DRIVE
 SITE COMMENTS: 1/1 PM2.5 Sampling on roof of monitoring shelter. MOVED SHELTER 230 M SW OF ORIGIN
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (167) METROPOLITAN CHARLOTTE
 URBANIZED AREA: (1510) CHARLOTTE, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
 LATITUDE: 35.2401000009
 LONGITUDE: -80.785683
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 232
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43

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

REPORT FOR: MAY 2011

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: .2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	.0	.0	.0	.0	-.1	-.1	.0	.4	.7	.6	.6	.5	.5	.3	.2	.5	.3	.2	.2	.0	.0	.0	.0	.0	.0	24	.7
2	.0	.0	.0	.0	-.1	-.1	.0	.7	1.1	.7	.3	.7	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	24	1.1
3	.1	.1	.1	.1	.0	.1	.2	.2	.1	.0	.0	-.1	-.1	-.1	-.1	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	24	.2
4	-.1	-.1	-.2	-.2	-.2	-.2	-.1	-.1	.0	.2	.0	.0	1.1	1.1	1.7	1.2	.3	-.1	-.1	.0	.4	-.1	-.1	-.1	-.1	24	1.7
5	-.1	-.1	-.1	-.1	-.1	-.1	.3	BF	BF	.3	.2	.1	.2	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	-.1	22	.3	
6	-.1	-.1	-.1	-.1	-.2	-.2	.0	.5	1.0	1.3	.6	.4	.3	.2	.1	.2	.2	.1	.3	.2	.0	.0	-.1	-.1	24	1.3	
7	-.1	-.1	-.2	-.2	-.2	.0	.4	.4	.2	.2	.2	.2	.5	1.1	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.1
8	.0	.0	.0	.1	-.1	-.1	-.1	.2	.4	.3	.8	1.0	4.7	3.1	.2	.2	.0	.0	.0	.0	.0	.0	-.1	-.1	24	4.7	
9	-.2	-.2	-.2	-.2	-.2	-.2	.1	.6	.2	.0	.0	.0	.0	.2	1.3	2.0	2.4	2.6	.1	.0	.0	.0	-.1	-.1	24	2.6	
10	-.1	-.1	.0	.0	.2	.4	.5	.9	1.6	3.0	3.3	2.3	1.8	1.4	.8	2.6	6.3	5.3	2.5	.9	.6	.3	.1	.0	24	6.3	
11	-.1	-.2	-.2	-.2	-.1	.0	-.1	-.1	-.1	.0	.5	.2	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	24	.5	
12	-.2	-.2	-.2	-.2	-.1	-.1	.0	.0	.1	.1	.0	.0	.0	-.1	-.1	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.2	24	.1	
13	-.2	-.2	-.2	-.2	-.1	-.1	.0	.0	.1	.0	.0	.1	.2	.3	.2	.2	.3	.4	.8	.6	.4	.3	.2	.0	24	.8	
14	-.1	-.1	-.2	-.1	-.1	-.1	-.1	.2	.6	.2	.0	.0	.0	.0	.1	.0	-.1	.0	-.1	-.2	-.2	-.2	-.2	-.2	24	.6	
15	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.1	.1	.2	.4	-.1	.8	1.0	.8	.0	.0	-.1	-.1	24	1.0	
16	-.1	.0	-.1	-.1	-.1	.0	-.1	BF	BF	BF	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	7	0.0
17	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
18	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
19	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
20	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
21	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
22	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
23	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BC	BC	.7	.9	.8	.6	.3	.3	.3	.4	.7	9	.9	
24	.4	.6	.3	.2	.3	.8	1.0	.8	.8	.9	2.2	.5	.4	.5	.7	.6	.5	.4	.4	.5	.6	.5	.3	.6	24	2.2	
25	.5	.5	.4	.3	.2	.3	.9	1.0	2.9	2.8	1.8	1.8	.6	.4	.4	.4	.6	.4	.4	.5	.5	.5	.7	.8	24	2.9	
26	.9	1.2	1.1	.8	.7	.5	BF	BF	BF	BF	BF	BF	.5	.5	.6	.8	1.0	.7	.5	.7	1.0	.6	.2	1.1	18	1.2	
27	.3	.2	.1	.1	.1	.1	.1	.2	.7	.7	.6	.3	.5	.8	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	24	.8	
28	.1	.1	.1	.1	.1	.1	.1	.1	.3	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.5	.2	24	.5	
29	.1	.2	.3	.7	.7	.8	1.1	1.2	.8	.7	.6	.4	.4	.3	.2	.3	.3	.4	.4	.3	.3	.2	.2	.2	24	1.2	
30	.2	.2	.4	.6	.6	.4	.6	.9	1.4	1.8	2.4	2.3	1.9	.7	.5	.8	1.1	1.3	.8	.5	.4	.3	.3	.3	24	2.4	
31	.2	.2	.2	.2	.2	.2	.4	.8	.7	3.3	1.2	.8	.6	1.0	1.1	1.0	.8	.8	.7	.9	.9	.9	.7	.4	24	3.3	
NO.:	24	24	24	24	24	24	23	21	21	22	22	22	23	23	23	24	24	24	24	24	24	24	24	24	24		
MAX:	.9	1.2	1.1	.8	.7	.8	1.1	1.2	2.9	3.3	3.3	2.3	4.7	3.1	1.7	2.6	6.3	5.3	2.5	.9	1.0	.9	.7	1.1			
AVG:	.05	.07	.05	.06	.05	.09	.22	.41	.64	.78	.70	.52	.62	.53	.41	.50	.63	.60	.38	.26	.22	.16	.11	.14			

MONTHLY OBSERVATIONS: 560 MONTHLY MEAN: .34 MONTHLY MAX: 6.3

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-119-0041 POC: 2
 COUNTY: (119) Mecklenburg
 CITY: (12000) Charlotte
 SITE ADDRESS: 1130 EASTWAY DRIVE
 SITE COMMENTS: 1/1 PM2.5 Sampling on roof of monitoring shelter. MOVED SHELTER 230 M SW OF ORIGIN
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (167) METROPOLITAN CHARLOTTE
 URBANIZED AREA: (1510) CHARLOTTE, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
 LATITUDE: 35.2401000009
 LONGITUDE: -80.785683
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 232
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43

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

REPORT FOR: JUNE 2011

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: .2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.4	.5	.5	.4	.3	.4	.9	1.2	1.2	1.2	1.1	1.1	.8	.6	.4	.4	.3	.3	.3	.4	.3	.3	.3	.3	24	1.2
2	.3	.4	.7	.5	.7	.5	.4	.7	.7	.8	.8	.6	.6	.5	.5	6.0	1.7	.5	.5	.6	1.1	.7	.6	1.2	24	6.0
3	1.2	.7	.7	.7	.7	.7	.8	1.1	1.1	1.1	1.3	1.2	1.3	1.1	1.1	1.0	1.0	.9	.9	.8	.7	.6	.5	.4	24	1.3
4	.4	.4	.4	.6	.5	.5	.8	.8	1.0	1.2	1.2	1.5	1.7	2.2	1.4	3.1	4.4	2.5	2.7	2.5	1.7	1.3	1.0	.8	24	4.4
5	.6	.4	.4	.3	.3	.3	.3	.5	1.3	1.3	6.1	.8	.6	.3	.3	.3	.3	1.5	1.7	1.8	1.3	4.3	4.1	24	6.1	
6	1.3	.7	.5	.4	.4	.5	1.2	.8	.5	BF	BF	BC	BC	BC	BC	.3	.3	.4	.5	.6	.5	.5	.4	.3	18	1.3
7	.2	.2	.2	.2	.2	.2	.5	.8	2.1	2.8	1.3	1.1	2.7	1.8	BA	1.1	.6	.4	.7	.5	.4	.4	.4	.3	23	2.8
8	.5	.7	.6	.5	.3	.3	.5	BD	3.4	2.8	1.9	2.2	3.3	1.7	1.0	.9	1.3	2.3	2.6	3.0	3.1	1.2	1.0	1.9	23	3.4
9	.9	.7	.6	.5	.3	.3	.6	BD	3.9	2.8	3.3	3.0	1.7	1.0	.8	.3	.1	.2	.1	.1	.1	.2	.3	.2	23	3.9
10	.1	.1	.1	.2	.3	.4	.5	.6	1.2	2.3	1.4	.9	.7	.7	5.3	8.6	3.2	.5	.2	.2	.2	.2	.2	.2	24	8.6
11	.1	.1	.1	.1	.1	.2	.7	.9	.9	.7	.7	.6	.5	.4	.3	.2	.2	.2	.2	.1	.2	.2	.2	.1	24	.9
12	.0	.0	AV	AV	AV	.1	.1	.2	.5	.6	.9	.5	.4	.3	.2	.2	.2	.2	.4	.2	.1	.1	.1	.1	21	.9
13	.1	.1	.1	.1	.1	.1	.2	.3	.3	.1	.2	.3	4.7	7.5	3.1	.8	.8	.4	.2	.2	.2	.2	.2	.3	24	7.5
14	.3	.5	2.3	1.4	1.0	2.1	.6	.8	.7	.6	.6	.5	.5	.5	.6	1.2	1.0	1.3	1.9	1.5	3.7	5.5	3.0	1.1	24	5.5
15	.8	.9	.8	.8	.8	.8	1.2	1.1	1.4	1.4	1.2	1.2	1.0	.9	.8	.8	.7	.7	1.1	.4	.2	.3	.2	.2	24	1.4
16	.2	.1	.1	.1	.1	.1	BF	BF	BF	.4	.2	.2	.2	.2	.2	.3	.4	.3	.2	.3	.3	.3	.3	.6	21	.6
17	.4	.3	.2	.2	.2	.5	.8	1.0	1.7	2.4	.9	.9	.6	.6	.7	.6	.5	.5	.4	.5	.6	.6	.5	.4	24	2.4
18	.3	.4	.2	.1	.1	.1	.3	.3	.3	.5	.5	.5	.9	1.0	.5	.4	1.3	1.3	.5	.9	.3	.2	.1	.1	24	1.3
19	.1	.1	.1	.1	.1	.1	.2	.5	1.0	1.1	.7	1.1	.4	.6	.5	.1	1.5	.5	.2	.2	.2	.2	.2	.2	24	1.5
20	.2	.3	.3	.2	.5	.3	.5	.9	1.1	1.4	2.6	3.1	2.1	5.2	7.6	14.7	10.5	9.7	6.0	1.6	.9	.7	.6	.4	24	14.7
21	.3	.3	.2	.2	.3	.4	.3	.3	.7	1.1	1.0	1.0	1.0	.8	.6	.6	.6	.5	.6	.6	.7	.6	.1	.1	24	1.1
22	.1	.0	.0	.0	.0	.0	.1	.2	.3	.3	.2	.3	.3	.4	.4	.2	.3	.3	.3	.4	.5	.1	.8	.2	24	.8
23	.1	.2	.3	.3	.2	.1	.3	1.0	1.0	.6	.3	.3	.3	.2	.3	.2	.2	.3	.5	.5	.2	.3	.1	.1	24	1.0
24	.1	.1	.2	.3	.5	.6	.4	.3	.4	AZ	AZ	AZ	AZ	.6	.4	.2	.1	.1	.1	.1	.1	.1	.1	.3	20	.6
25	.3	.1	.1	.1	.1	.1	.2	.6	1.0	1.0	1.0	.5	.6	.8	1.2	1.3	1.3	1.5	1.4	.6	.4	.3	.5	.4	24	1.5
26	.3	.2	.3	.8	.9	.6	.6	.5	.6	.7	.7	.8	.7	.7	.7	.6	.5	.4	.5	.5	.4	.4	.4	.5	24	.9
27	.4	.3	.2	.1	.1	.1	.3	1.5	3.0	2.5	.7	.5	.4	.5	.6	.5	1.0	.8	.6	.3	.5	.3	.4	.5	24	3.0
28	1.7	.9	.5	.5	.6	.5	.9	BF	BF	.8	.7	.5	.3	.2	.3	.2	.1	.1	.1	.1	.1	.1	.2	.1	22	1.7
29	.1	.1	.0	.0	.0	.0	.1	.4	1.3	1.4	1.5	1.4	.8	.4	.3	.4	.7	.4	.3	.3	.2	.2	.1	.2	24	1.5
30	.2	.5	.9	1.1	1.2	1.1	1.4	1.5	1.4	1.4	1.3	.9	.7	.7	.6	.5	.5	.6	.6	.5	.5	.4	.3	.2	24	1.5
31																									0	
NO.:	30	30	29	29	29	30	29	26	28	28	28	28	28	29	28	30	30	30	30	30	30	30	30	30	30	
MAX:	1.7	.9	2.3	1.4	1.2	2.1	1.4	1.5	3.9	2.8	6.1	3.1	4.7	7.5	7.6	14.7	10.5	9.7	6.0	3.0	3.7	5.5	4.3	4.1		
AVG:	.40	.34	.40	.37	.38	.40	.54	.72	1.21	1.26	1.23	.98	1.06	1.12	1.09	1.54	1.19	.95	.85	.70	.68	.59	.58	.53		

MONTHLY OBSERVATIONS: 699 MONTHLY MEAN: .79 MONTHLY MAX: 14.7

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-119-0041 POC: 2
 COUNTY: (119) Mecklenburg
 CITY: (12000) Charlotte
 SITE ADDRESS: 1130 EASTWAY DRIVE
 SITE COMMENTS: 1/1 PM2.5 Sampling on roof of monitoring shelter. MOVED SHELTER 230 M SW OF ORIGIN
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (167) METROPOLITAN CHARLOTTE
 URBANIZED AREA: (1510) CHARLOTTE, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
 LATITUDE: 35.2401000009
 LONGITUDE: -80.785683
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 232
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43

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

REPORT FOR: JULY 2011

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: .2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	.2	.2	.3	.7	.6	.4	1.0	.8	.7	.9	1.2	1.6	1.4	1.2	1.2	.9	.7	.7	.7	.7	.6	.4	.5	.5	24	1.6	
2	.4	.5	.4	.3	.2	.3	1.2	1.3	1.0	.7	.7	.7	.7	.7	.6	.5	.5	.4	.4	.4	.3	.4	.3	.4	24	1.3	
3	.3	.3	.4	.4	.3	.3	.4	.6	.5	.4	.4	.4	.4	.4	.5	.5	.3	.4	.3	.1	.2	.3	.3	.4	24	.6	
4	.3	.2	.2	.2	.2	.2	.3	.5	.7	.5	.4	.5	1.1	1.3	.8	.5	.3	.2	.1	.1	.1	.2	.2	.1	24	1.3	
5	.1	.1	.1	.1	.1	.1	.2	.5	5.6	5.6	3.4	2.7	2.3	1.5	.6	.4	.4	.3	.4	1.2	.9	.3	.2	.1	24	5.6	
6	.1	.1	.0	.0	.1	.1	.1	.2	.7	.5	.5	.7	1.2	.7	.2	1.5	.9	.3	.2	.1	.1	.1	.1	.2	24	1.5	
7	.2	.2	.2	.2	.2	.2	.4	.6	BF	BF	.5	.4	.4	.4	.3	.1	.1	.2	.2	2.6	.4	.1	.1	.1	22	2.6	
8	.1	.1	.1	.1	.1	.1	.2	.5	.4	.6	.3	.4	.6	.3	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	24	.6	
9	.1	.1	.1	.1	.1	.1	.1	.3	.4	.2	.2	.2	.2	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	24	.4	
10	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	24	.1	
11	.1	.1	.1	.1	.1	.1	.2	.6	.4	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.5	24	.6	
12	.8	.4	.4	.3	.2	.3	.3	.7	.7	.8	1.8	1.5	1.2	.5	.8	.3	.9	4.8	3.8	.4	.3	.3	.5	.6	24	4.8	
13	.6	.4	.4	.3	.2	.2	.6	.5	.4	.4	.4	.4	.3	.3	.3	.2	.6	.2	.1	.1	.1	.1	.1	.1	24	.6	
14	.1	.1	.1	.2	.5	.8	1.6	1.0	1.0	1.4	.9	.7	.7	.5	.4	.3	.3	.3	.3	.3	.5	1.0	.4	.2	24	1.6	
15	.2	.3	.4	.4	.3	.3	.3	.3	.6	.5	.4	.5	.3	.2	.1	.2	.2	.2	.2	.4	.5	.3	.2	.2	24	.6	
16	.1	.1	.2	.2	.2	.3	.3	.2	.2	.2	.3	.3	.2	.4	.4	.5	.4	.3	.2	.2	.1	.1	.1	.2	24	.5	
17	.2	.2	.2	.2	.2	.3	.3	.3	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.3	1.0	.4	.4	.3	24	1.0	
18	.3	.2	.2	.3	.7	.7	1.0	1.2	1.3	1.3	.9	.6	.5	.8	1.0	.8	.8	1.2	2.7	4.1	1.7	.5	.4	.3	24	4.1	
19	.2	.2	.2	.1	.1	.1	.5	.8	.8	.5	BF	BF	1.8	.7	.5	3.4	9.9	1.1	.7	5.4	8.7	.8	.4	.3	22	9.9	
20	.2	.2	.2	.2	.2	.2	.7	.6	.7	.6	.4	.3	.2	.3	.5	BA	3.7	4.9	2.3	.8	1.3	1.4	1.2	.8	23	4.9	
21	.4	.4	.5	.3	.2	.2	.6	.8	3.8	4.2	.6	.8	.3	.3	.3	.1	.1	.2	.2	.2	.2	.2	.2	.2	24	4.2	
22	.2	.2	.2	.1	.1	.2	.2	.3	.5	BA	BA	.6	.5	.4	.4	.4	.4	.3	.5	1.1	1.9	2.5	2.7	1.4	22	2.7	
23	.6	.6	.7	.7	.5	.4	.5	.5	.5	.5	.8	.7	.8	.6	.6	.7	1.1	.5	.3	.3	.6	.6	.5	.5	24	1.1	
24	.4	.7	.8	.5	.3	.3	.5	1.0	1.1	1.0	1.0	.8	.6	.4	.2	.2	.3	2.8	.4	.1	.1	.1	.1	.1	24	2.8	
25	.1	.1	.5	.4	.3	.2	.5	1.0	.9	.6	.8	.5	.4	.3	.8	.9	6.8	4.5	.8	.3	.1	.1	.7	.5	24	6.8	
26	.3	.2	.1	.1	.1	.4	1.0	2.5	1.0	.5	.8	1.0	.7	.5	.5	.5	.5	.2	.1	.1	.1	.1	.1	.1	24	2.5	
27	.1	.1	.1	.1	.1	.1	.8	1.0	.5	AC	1.1	2.4	2.7	1.5	1.1	1.1	1.0	.8	.7	.8	.6	.5	.4	1.5	23	2.7	
28	.8	.3	.3	.2	.2	.3	BF	BF	BF	.8	.7	.6	.6	.4	.3	.3	.3	.4	.7	.6	.3	.2	.4	.5	21	.8	
29	.4	.6	.4	.2	.2	.1	.5	.9	.8	.6	.5	.4	2.9	4.7	4.1	2.5	1.5	1.6	.8	.5	.5	.5	.6	.5	24	4.7	
30	.4	.4	.3	.4	.4	.4	.6	.6	.6	.5	.5	.4	.4	.3	.2	.5	.5	.4	.4	.3	.4	.3	.2	.1	24	.6	
31	.1	.0	.1	.1	.1	.1	.1	.1	.6	1.2	1.1	.7	.3	.2	.2	.2	.2	.1	.1	.0	.0	.1	.1	.1	24	1.2	
NO.:	31	31	31	31	31	31	30	30	29	28	29	30	31	31	31	30	31	31	31	31	31	31	31	31	31		
MAX:	.8	.7	.8	.7	.7	.8	1.6	2.5	5.6	5.6	3.4	2.7	2.9	4.7	4.1	3.4	9.9	4.9	3.8	5.4	8.7	2.5	2.7	1.5			
AVG:	.27	.25	.27	.25	.23	.25	.50	.68	.92	.91	.71	.71	.77	.67	.57	.60	1.06	.84	.67	.72	.70	.40	.38	.36			

MONTHLY OBSERVATIONS: 733 MONTHLY MEAN: .57 MONTHLY MAX: 9.9

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-119-0041 POC: 2
 COUNTY: (119) Mecklenburg
 CITY: (12000) Charlotte
 SITE ADDRESS: 1130 EASTWAY DRIVE
 SITE COMMENTS: 1/1 PM2.5 Sampling on roof of monitoring shelter. MOVED SHELTER 230 M SW OF ORIGIN
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (167) METROPOLITAN CHARLOTTE
 URBANIZED AREA: (1510) CHARLOTTE, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
 LATITUDE: 35.2401000009
 LONGITUDE: -80.785683
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 232
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality
 MONITOR TYPE: SLAMS

REPORT FOR: AUGUST 2011

DURATION: 1 HOUR

COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43

UNITS: Parts per billion

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

MIN DETECTABLE: .2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	.3	.3	.1	.1	.4	.2	.3	.2	.2	.3	.2	.3	.6	.7	.7	.6	.6	.5	.4	.3	.3	.2	.3	.3	24	.7	
2	.3	.3	.2	.2	.2	.1	.4	1.1	1.8	2.1	2.1	2.3	1.8	1.0	.8	1.1	.7	.5	.7	.7	.8	.6	.5	.4	24	2.3	
3	.4	.3	.3	.5	.8	.9	1.2	2.5	2.0	2.5	3.0	1.2	.7	4.4	4.6	2.7	1.0	.8	.8	.6	.6	.4	.4	24	4.6		
4	.5	.3	.3	.3	.4	.5	.8	.6	.5	.3	.3	.3	.1	.1	.1	.2	.7	.5	.3	.3	.2	.2	.2	7.0	24	7.0	
5	1.8	.3	.2	.2	.4	.5	.5	.4	.3	.1	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.2	.2	.3	24	1.8	
6	.2	.3	.4	.5	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	24	.5	
7	.1	.0	.0	.1	.1	.1	.1	.2	.5	.5	1.3	3.7	1.8	.3	.3	.2	.1	.2	.4	.7	1.5	1.4	.7	.5	24	3.7	
8	.4	.3	.2	.1	.1	.1	.5	1.2	1.5	1.6	10.5	5.1	1.3	.2	.2	.2	.4	.3	.3	.1	.1	.0	.0	.0	24	10.5	
9	.0	.0	.0	.0	.0	.1	.3	BF	BF	BF	.5	.4	.6	.3	.8	1.3	1.0	1.0	.5	.3	.4	.5	.8	.9	21	1.3	
10	.4	.3	.2	.1	.1	.3	.4	.8	.7	.7	.5	.5	.4	1.4	2.8	3.7	.6	1.5	.9	.7	.6	.7	.5	.5	24	3.7	
11	.5	.4	.4	.6	.5	.4	.5	.6	.6	1.5	1.2	.9	.7	.7	.6	.5	.1	.1	.1	.1	.1	.1	.1	.1	24	1.5	
12	.1	.3	.2	.1	.1	.1	.2	.8	1.1	.9	1.1	1.0	.7	.4	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	24	1.1	
13	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.4	24	.4	
14	.2	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.3	.5	.1	.2	.0	.0	.0	.0	24	.5	
15	.1	.1	.6	.3	.1	.1	.4	.3	.3	.3	1.9	4.3	4.2	4.3	9.5	11.8	4.6	1.2	.2	.2	.2	.1	.1	24	11.8		
16	.3	.9	1.4	1.0	.4	.3	.6	.7	.4	.3	.3	.3	.3	.2	.2	.2	.4	6.5	21.2	14.9	3.8	1.1	.5	.3	24	21.2	
17	.2	.1	.1	.1	.1	.3	1.8	2.1	1.3	.8	.6	.4	.3	.3	.3	.3	.3	.4	.4	.4	.3	.2	.2	.2	24	2.1	
18	.2	.2	.2	.1	.1	.1	.2	BF	1.1	1.1	.5	.4	.8	2.3	.5	.2	.2	.2	.5	.5	1.2	.4	.4	1.2	23	2.3	
19	.4	.2	.1	.1	.1	.3	.5	.9	1.8	2.0	.7	.9	2.9	4.8	3.1	1.1	.5	.9	1.1	1.1	1.0	.8	.8	.9	24	4.8	
20	.5	.3	.4	.6	.6	.3	.3	.4	.5	.7	1.1	1.2	.9	.5	.4	.4	.3	.3	.3	.3	.3	.4	.6	.4	24	1.2	
21	.3	.2	.2	.4	.5	.4	.7	1.3	1.0	1.0	1.5	1.6	1.2	.9	.8	1.3	.8	.5	.5	.7	.3	.1	.1	24	1.6		
22	.1	.0	.0	.0	.1	.1	.1	.8	.5	.8	.3	.2	.6	.4	.4	.7	.4	.8	.4	.2	.2	.2	.4	.8	24	.8	
23	.7	.5	.5	.6	1.1	1.7	2.2	1.2	1.6	1.5	1.2	1.0	.8	.6	.4	.3	.3	.5	.6	.7	.5	.5	.6	1.4	24	2.2	
24	.7	.2	.1	.1	.1	.1	.3	.5	.5	.4	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	24	.7	
25	.2	.1	.1	.1	.1	.1	.2	1.0	1.5	1.4	1.0	.9	.5	.4	.5	.3	.3	.3	.2	.2	.2	.2	.2	.2	24	1.5	
26	.2	.1	.2	.1	.1	.1	.2	.2	.5	.5	.6	.5	.3	.2	.4	.3	.3	.7	.4	.7	.3	.2	.2	.4	24	.7	
27	.6	.4	.3	.3	.5	.4	.3	.7	.6	.3	.2	.2	.3	.1	.1	1.3	1.5	.1	.1	.1	14.5	12.9	5.0	1.7	24	14.5	
28	5.2	3.5	.9	1.1	3.8	.8	.7	1.3	1.4	1.1	.8	.7	.8	1.1	1.1	1.0	.8	.5	.8	.4	.4	.5	.2	.2	24	5.2	
29	.1	.2	.2	.2	.2	.2	.3	BF	BF	BC	BC	.7	.8	1.0	.8	.7	.4	.3	.2	.2	.4	.3	.3	.1	20	1.0	
30	.2	.0	.0	.0	.4	.4	.0	.3	.2	.3	.4	.4	.3	.3	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	24	.4	
31	.0	.0	.0	.0	.0	.0	.1	.7	.9	.3	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.2	.2	.1	.1	24	.9	
NO.:	31	31	31	31	31	31	31	28	29	29	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	5.2	3.5	1.4	1.1	3.8	1.7	2.2	2.5	2.0	2.5	10.5	5.1	4.3	4.8	4.6	9.5	11.8	6.5	21.2	14.9	14.5	12.9	5.0	7.0			
AVG:	.49	.33	.25	.26	.37	.30	.46	.75	.81	.81	1.04	.89	.80	.89	.83	.94	.80	.75	1.07	.82	.94	.74	.45	.62			

MONTHLY OBSERVATIONS: 736 MONTHLY MEAN: .68 MONTHLY MAX: 21.2

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide
 SITE ID: 37-119-0041 POC: 2
 COUNTY: (119) Mecklenburg
 CITY: (12000) Charlotte
 SITE ADDRESS: 1130 EASTWAY DRIVE
 SITE COMMENTS: 1/1 PM2.5 Sampling on roof of monitoring shelter. MOVED SHELTER 230 M SW OF ORIGIN
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (167) METROPOLITAN CHARLOTTE
 URBANIZED AREA: (1510) CHARLOTTE, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
 LATITUDE: 35.2401000009
 LONGITUDE: -80.785683
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 232
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality
 MONITOR TYPE: SLAMS

REPORT FOR: SEPTEMBER 2011

DURATION: 1 HOUR

COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43

UNITS: Parts per billion

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

MIN DETECTABLE: .2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.0	.0	.0	.0	.0	.0	.5	.4	.5	.9	1.4	1.7	2.0	.7	1.5	3.1	2.2	1.8	1.1	.3	.3	.2	.1	.1	24	3.1
2	.1	.1	.0	.0	.0	.0	.5	.5	1.0	1.4	.8	.6	.7	2.4	3.2	2.8	2.1	1.3	AV	AV	AV	AV	AV	AV	18	3.2
3	AV	AV	AV	.0	.0	.0	.0	.2	.9	.5	.1	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	21	.9
4	.0	.1	.1	.1	.0	.0	.1	.5	.7	.7	.7	.4	.2	.2	.4	.2	.0	.1	.0	.0	.0	.2	.4	.6	24	.7
5	.3	.0	.0	.0	.0	.0	.0	.1	.3	.5	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.5
6	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.0	.0	.1	.3	.0	.0	.0	.0	.1	.0	.1	.0	24	.3
7	.0	.0	.0	.0	.0	.0	.4	.1	.4	.5	.4	.4	.2	.2	.2	.2	.2	.3	.1	.1	.0	.1	.0	.2	24	.5
8	.2	.2	.2	.1	.2	.3	.5	1.1	.4	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.1
9	.1	.3	.4	.2	.2	.1	.9	BF	BF	BF	.1	.1	.0	.0	.0	.0	.1	.0	.0	.1	.0	.1	.0	.1	21	.9
10	.4	.7	.7	.4	.2	.0	.1	.2	.2	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.3	.1	.2	24	.7
11	.5	.4	.1	.2	.0	.0	.1	.1	.2	.1	.1	.1	.4	.4	.4	.6	.7	.5	.3	.1	.1	.3	.1	.1	24	.7
12	.1	.1	.0	.0	.0	.0	.1	.4	.3	.4	.5	.4	.2	.2	.1	.1	.3	.3	.2	.1	.1	.1	.1	.0	24	.5
13	.1	.1	.0	.0	.0	.2	.3	.4	.4	.3	.2	.2	.2	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	24	.4
14	.0	.0	.0	.0	.0	.0	.9	1.3	1.2	AZ	AZ	AZ	AZ	.8	.7	.5	.3	.3	.4	.3	.2	.2	.2	.5	20	1.3
15	1.0	1.1	.9	.6	.2	.1	.1	.4	.7	.8	.9	1.0	.9	1.2	1.6	.7	.6	.4	.5	.1	.0	.0	.0	.1	24	1.6
16	.2	.1	.4	.2	.7	1.1	.6	.5	.4	.4	.4	.6	.7	.7	.6	.6	.6	.6	.5	.4	.3	.5	.5	.5	24	1.1
17	.6	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	24	.6
18	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	24	.2
19	.0	.0	.1	.0	.0	.0	.1	.0	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.1
20	.0	.0	.0	.0	.3	.3	.5	.9	.7	.5	.3	.3	.1	.1	.1	.0	.1	.1	.0	.0	.1	.1	.0	.0	24	.9
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.2
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	24	.2
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.1
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	AV	AV	AV	AV	AV	AV	AV	.0	.0	.0	18	0.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.3
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.5	.4	.2	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	24	.5
28	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.2
29	.0	.0	.0	.0	.0	.2	.3	.7	1.1	BF	BF	.2	.4	.1	.1	.2	.2	.2	.1	.1	.2	.3	.9	.9	22	1.1
30	.9	.7	.5	.2	.3	.3	.7	1.6	1.1	.7	.5	.4	.2	.1	.1	.1	.2	.1	.0	.1	.4	.6	.4	.1	24	1.6
31																									0	
NO.:	29	29	29	30	30	30	30	29	28	26	28	29	29	30	29	29	29	29	28	28	29	29	29	29		
MAX:	1.0	1.1	.9	.6	.7	1.1	.9	1.6	1.2	1.4	1.4	1.7	2.0	2.4	3.2	3.1	2.2	1.8	1.1	.5	.4	.6	.9	.9		
AVG:	.16	.16	.13	.07	.07	.09	.22	.32	.39	.35	.28	.27	.25	.26	.33	.34	.28	.22	.13	.07	.08	.09	.11	.12		

MONTHLY OBSERVATIONS: 694 MONTHLY MEAN: .20 MONTHLY MAX: 3.2

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide
 SITE ID: 37-119-0041 POC: 2
 COUNTY: (119) Mecklenburg
 CITY: (12000) Charlotte
 SITE ADDRESS: 1130 EASTWAY DRIVE
 SITE COMMENTS: 1/1 PM2.5 Sampling on roof of monitoring shelter. MOVED SHELTER 230 M SW OF ORIGIN
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (167) METROPOLITAN CHARLOTTE
 URBANIZED AREA: (1510) CHARLOTTE, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
 LATITUDE: 35.2401000009
 LONGITUDE: -80.785683
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 232
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality
 MONITOR TYPE: SLAMS

REPORT FOR: OCTOBER 2011

DURATION: 1 HOUR

COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43

UNITS: Parts per billion

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

MIN DETECTABLE: .2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2	.1	.0	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	24	.2	
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.5	.4	.3	.4	.3	.2	.2	.1	.2	.1	.0	.0	.0	.0	24	.5
3	.0	.0	.0	.0	.0	.1	.8	1.1	.8	.5	.3	.3	.2	.2	.2	.3	.3	.1	.4	1.6	1.9	.3	.1	.1	24	1.9	
4	.0	.0	.0	.0	.0	.4	1.1	1.4	1.0	.7	.7	1.0	1.1	1.3	1.1	1.4	1.2	.7	.3	.7	.7	.6	.6	.5	24	1.4	
5	.5	.8	.4	.1	.1	.3	1.1	2.5	1.0	.7	.4	.4	.4	.3	.3	.2	.2	.2	.3	.9	1.2	1.1	.8	.24	24	2.5	
6	.6	.6	.5	.2	.2	.3	.4	.6	.8	1.2	.9	.8	1.1	1.1	1.0	.9	1.0	.8	.6	.5	.4	.2	.2	.5	24	1.2	
7	.3	.2	.1	.1	.2	.2	.4	1.4	1.3	.7	.5	.6	.4	.3	.4	.2	.2	.2	.2	.1	.1	.1	.3	.24	24	1.4	
8	.4	.2	1.3	1.4	.9	.9	.9	.8	.7	.7	1.0	1.2	1.1	.9	.9	.7	.3	.3	.3	.4	.5	1.5	.9	.24	24	1.5	
9	.3	.6	.8	1.1	.7	.3	.1	.1	.1	.2	.3	.3	.1	.1	.1	.0	.0	.0	.1	.1	1.1	1.6	.4	.6	24	1.6	
10	.4	.2	.3	.4	.5	.6	.7	.6	.5	.6	.8	.9	.9	.8	.9	.7	.8	.7	.5	.4	.6	.9	.6	1.0	24	1.0	
11	.7	.8	.3	.3	.4	.5	.3	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.8	
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.1
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
14	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.1	.0	.1	.0	.2	1.0	.6	.4	.1	24	1.0	
15	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.4	.4	.3	.3	.4	.5	.5	.3	.2	.2	.1	.1	.0	.0	24	.5	
16	.0	.1	.1	.1	.1	.1	.1	.3	.3	.4	.5	.4	.5	.2	.2	.2	.1	.1	.1	.1	.1	.1	.5	1.1	24	1.1	
17	1.4	1.0	.6	.3	.1	.2	.3	.6	.7	.9	1.2	1.2	1.3	1.2	1.2	1.1	1.0	.8	.4	.3	.3	.3	.1	.1	24	1.4	
18	.2	.2	.2	.1	.0	.0	.1	.3	.8	.8	.7	.9	.6	.6	.4	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	24	.9
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
20	.0	.0	.0	.0	.0	.0	.0	BF	BF	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	22	.1
21	.0	.0	.0	.2	.5	.8	1.4	1.7	1.5	1.0	.3	.2	.2	.4	.3	.2	.2	.1	.0	.1	.6	1.3	2.7	2.7	24	2.7	
22	1.5	.0	.0	.1	.1	.1	.2	.3	.4	.6	.7	.7	.6	.6	.5	.5	.4	.3	.2	.8	1.5	1.9	1.3	1.2	24	1.9	
23	1.1	1.4	1.6	AV	1.3	1.2	AV	1.0	.3	.3	.5	.6	.7	.7	.6	.5	.4	.2	.2	.5	.2	.1	.4	.5	22	1.6	
24	.6	.4	.2	.2	.6	.9	3.3	2.3	1.3	.4	.7	.8	.7	.5	.4	.3	.3	.2	.1	.1	.1	.1	.1	.2	24	3.3	
25	.1	.5	.1	.0	.0	.7	1.5	.2	.7	1.1	1.2	.9	.7	.5	.5	.4	.4	.4	.3	.2	.2	.1	.1	.1	24	1.5	
26	.1	.0	.0	.2	.6	.3	.2	.3	.6	.8	.7	.6	.7	.9	.9	1.0	.9	.9	.5	.3	.2	.2	.3	.5	24	1.0	
27	.8	.8	.6	.7	.6	.4	.3	.4	.7	1.2	1.9	1.1	.8	.7	.6	.5	.6	.7	1.0	.5	.6	.4	.2	.2	24	1.9	
28	.2	.1	.1	.3	.4	.4	.3	.3	.2	.2	.2	.2	.2	.5	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	24	.5
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.5	.4	.2	.1	.1	.2	.2	.2	.1	.1	.0	.0	24	.5	
30	.1	.4	.7	.5	.5	.5	.4	.7	.2	1.0	1.3	.9	.7	.6	.5	.5	.4	.4	.3	.2	.2	.1	.1	.2	24	1.3	
31	.3	.3	.2	.1	.1	.1	.5	.5	.3	.2	.2	.3	.5	.4	.4	.4	.4	.3	.3	.2	.5	.5	.2	.5	24	.5	
NO.:	31	31	31	30	31	31	30	29	29	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	1.5	1.4	1.6	1.4	1.3	1.2	3.3	2.5	1.5	1.2	1.9	1.2	1.3	1.3	1.2	1.4	1.2	.9	1.0	.8	1.6	1.9	2.7	2.7			
AVG:	.31	.28	.26	.21	.25	.30	.48	.61	.50	.49	.52	.50	.48	.45	.41	.38	.34	.28	.20	.23	.38	.42	.37	.39			

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: .38 MONTHLY MAX: 3.3

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-119-0041 POC: 2
 COUNTY: (119) Mecklenburg
 CITY: (12000) Charlotte
 SITE ADDRESS: 1130 EASTWAY DRIVE
 SITE COMMENTS: 1/1 PM2.5 Sampling on roof of monitoring shelter. MOVED SHELTER 230 M SW OF ORIGIN
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (167) METROPOLITAN CHARLOTTE
 URBANIZED AREA: (1510) CHARLOTTE, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
 LATITUDE: 35.2401000009
 LONGITUDE: -80.785683
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 232
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality
 MONITOR TYPE: SLAMS

REPORT FOR: NOVEMBER 2011

DURATION: 1 HOUR

COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43

UNITS: Parts per billion

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

MIN DETECTABLE: .2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	.5	.5	.3	.0	.0	.0	.6	1.1	.9	1.2	BF	.6	.7	.7	.7	.5	.5	.4	.5	.7	.8	1.1	.9	.8	23	1.2	
2	.5	.4	.3	.5	1.2	1.6	2.8	2.7	1.0	.8	.6	.5	.4	.4	.4	.4	.4	.3	.3	1.2	1.2	.6	.5	.3	24	2.8	
3	.1	.0	.2	.4	.5	.7	3.1	2.8	.9	.9	.8	1.1	1.1	.9	.7	.6	.7	.4	.4	.5	.4	.1	.0	.0	24	3.1	
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.4	.2	.2	.2	.5	.5	.4	.4	.5	.9	.8	.7	24	.9	
5	.3	.2	.2	.1	.2	.3	.2	.3	.3	.4	.3	.2	.2	.2	.2	.3	.4	.5	.5	.6	.6	.5	.4	.3	24	.6	
6	.2	.4	.2	.2	.2	.1	.1	.1	.2	.3	.4	.3	.3	.3	.3	.2	.2	.2	.2	.5	1.2	1.8	1.4	1.1	24	1.8	
7	1.3	1.4	.7	.8	1.0	.9	1.3	1.6	.9	.5	1.2	.6	.4	.3	.3	.3	.3	.2	.5	.8	1.1	1.6	1.6	1.4	24	1.6	
8	1.4	1.5	1.6	1.6	1.5	1.1	1.0	1.4	.6	.4	1.0	.4	.3	.3	.2	.2	.2	1.3	1.5	1.9	1.7	1.8	1.8	24	1.9		
9	1.5	1.4	1.6	1.5	1.5	1.9	2.2	3.0	2.2	.5	.5	.6	.5	.4	.4	.6	.9	.4	.2	.8	1.4	1.0	.8	1.2	24	3.0	
10	1.7	1.8	1.4	1.3	1.5	1.2	.9	.4	BF	BF	.2	.1	.1	.1	.1	.1	.2	.5	.8	1.8	.9	.2	.1	.1	22	1.8	
11	.1	.2	.3	.4	.3	.2	.2	.3	.8	.6	.4	.4	.4	.4	.4	.3	.3	.3	.2	.5	.2	.6	.5	.6	24	.8	
12	.6	.3	.0	.0	.0	.1	.2	.2	.3	.4	.4	.4	.5	.4	.4	.8	1.4	1.1	1.1	1.2	.8	.6	.5	.5	24	1.4	
13	.8	1.1	.8	.7	.3	.4	.3	.4	1.0	1.1	1.1	1.4	1.1	.9	.7	.9	.7	.6	.5	.4	.4	1.0	.9	.9	24	1.4	
14	1.0	.5	.3	.5	.3	.2	.2	.2	.5	BF	BF	BC	BC	.5	.4	.4	.2	.1	.1	.0	.0	.0	.0	.0	.5	20	1.0
15	.5	.2	.1	.1	.2	.2	.2	.2	.3	.4	.4	.1	.1	.1	.5	.7	.5	.3	.4	.1	.2	.1	.2	.1	24	.7	
16	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.2
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.2	.0	.0	.0	.0	.1	24	.2	
18	.3	.3	.4	.7	1.1	1.3	1.9	2.5	1.0	.5	.3	.2	.2	.2	.2	.5	.4	.3	.6	.8	1.3	1.2	1.2	1.4	24	2.5	
19	1.5	1.5	1.6	1.7	1.5	1.2	1.3	1.8	1.4	.6	.5	.5	.5	.4	.3	.3	.2	.1	.3	.4	.6	.6	1.2	1.1	24	1.8	
20	1.0	1.1	1.0	1.4	1.2	.6	.6	.5	.4	1.0	1.4	1.2	1.1	1.0	.7	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.4
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.3	.5	.3	.1	.6	.1	.0	.0	.0	.0	.1	24	.6	
22	.6	.5	.2	.2	.3	.4	.7	2.3	BF	BF	.1	.2	.3	.0	.0	.3	.2	.1	.0	.0	.1	.5	.3	.0	22	2.3	
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	.0	1.9	1.4	.0	.0	24	1.9	
24	.0	.2	.3	.4	.8	.9	.7	.2	.0	.1	.2	.2	.3	.4	.4	.3	.2	.1	.2	.6	1.3	1.5	2.0	1.8	24	2.0	
25	1.0	1.2	1.3	1.3	1.9	1.4	1.3	1.1	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	24	1.9	
26	.3	.2	.1	.1	.0	.2	.1	.3	.9	1.6	4.9	2.4	1.7	1.6	.4	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	24	4.9
27	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.1	.2	.0	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	24	.2
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
29	.0	-.1	-.1	-.1	.0	.0	.0	.0	.1	.7	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.7
30	.0	.3	.0	.0	.0	.0	.1	.4	.6	3.2	1.9	.3	.2	.1	.1	.0	.0	.1	.5	1.5	1.7	1.7	2.6	1.0	24	3.2	
31																										0	
NO.:	30	30	30	30	30	30	30	30	28	27	28	29	29	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	1.7	1.8	1.6	1.7	1.9	1.9	3.1	3.0	2.2	3.2	4.9	2.4	1.7	1.6	.7	.9	1.4	1.1	1.1	1.8	1.9	1.9	2.6	1.8			
AVG:	.51	.50	.43	.46	.52	.50	.67	.80	.53	.58	.63	.43	.39	.35	.29	.30	.29	.25	.27	.47	.61	.63	.58	.53			

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .48 MONTHLY MAX: 4.9

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-119-0041 POC: 2
 COUNTY: (119) Mecklenburg
 CITY: (12000) Charlotte
 SITE ADDRESS: 1130 EASTWAY DRIVE
 SITE COMMENTS: 1/1 PM2.5 Sampling on roof of monitoring shelter. MOVED SHELTER 230 M SW OF ORIGIN
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (167) METROPOLITAN CHARLOTTE
 URBANIZED AREA: (1510) CHARLOTTE, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
 LATITUDE: 35.2401000009
 LONGITUDE: -80.785683
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 232
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43

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

REPORT FOR: DECEMBER 2011

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: .2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	.4	.2	.1	.0	.1	.1	.1	.3	.5	BF	.9	.8	.7	.6	.5	.6	.6	.4	2.1	1.5	3.1	2.7	2.8	3.4	23	3.4	
2	2.2	2.1	1.8	2.0	2.2	2.0	2.0	3.0	2.8	2.4	.7	.4	.3	.3	.4	2.6	2.5	1.8	2.6	4.7	2.8	2.6	4.8	4.2	24	4.8	
3	3.9	2.4	.9	1.1	1.1	1.0	.9	.9	1.3	2.1	2.4	2.1	2.0	1.9	1.7	1.5	1.5	1.2	1.1	1.3	1.9	1.5	1.4	1.4	24	3.9	
4	1.6	1.3	1.0	1.0	.8	.7	.8	1.0	1.2	1.3	1.2	1.0	1.0	.6	.5	.4	.5	.5	1.1	1.2	.8	.7	.7	1.1	24	1.6	
5	.8	.4	.2	.2	.6	.5	.9	1.1	1.0	1.4	1.2	.8	.5	.4	.3	.2	.1	.1	.3	.2	.4	.3	.1	.0	24	1.4	
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	AZ	AZ	AZ	AZ	.3	.4	.6	.5	.1	.1	.2	.3	.5	.6	20	.6	
7	.6	.5	.4	.5	.5	.5	.2	.4	.4	.2	.1	.0	.0	.0	.4	.0	.0	.0	.4	1.3	1.0	.8	.5	.5	24	1.3	
8	.3	.1	.1	.2	.1	.1	.1	.5	.9	1.1	.7	.5	.4	.3	.2	.2	.2	.4	.7	1.0	.9	.8	1.3	1.5	24	1.5	
9	.8	.4	.6	.8	.9	1.2	1.6	3.2	3.7	2.2	1.0	1.1	1.0	.8	1.0	1.1	.8	.7	.9	2.8	3.1	3.0	3.7	3.8	24	3.8	
10	3.5	2.9	1.2	.5	.6	1.2	1.1	.9	1.0	1.5	1.6	1.8	1.6	1.5	1.4	1.3	1.3	1.2	1.2	1.0	.7	.6	.4	.4	24	3.5	
11	.4	.3	.2	.4	.7	1.4	1.1	.9	1.1	1.0	1.0	.8	.8	1.1	1.0	1.3	1.1	1.0	.9	1.1	1.0	1.1	1.2	1.3	24	1.4	
12	1.1	1.0	.9	.9	1.0	1.1	1.2	1.1	1.1	1.0	1.0	.8	.9	.7	.6	.6	.6	.6	.8	1.2	1.2	2.4	.6	.9	24	2.4	
13	.9	.6	1.0	1.0	1.3	1.5	2.3	2.7	BF	BF	1.6	2.0	2.8	5.1	7.8	7.2	6.7	6.8	4.8	4.0	2.5	4.7	3.8	2.5	22	7.8	
14	2.7	3.1	2.7	2.1	2.7	1.7	1.1	.5	.5	.3	.3	.3	.4	.3	.3	.7	.6	.4	.3	.2	.1	.3	.6	.6	24	3.1	
15	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.4	.5	.7	.6	.4	.2	.3	.1	.0	.0	.0	.0	.1	.0	24	.7	
16	.0	.2	.1	.0	.0	.0	.0	.0	.1	.8	1.4	1.0	4.8	5.3	.6	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	24	5.3
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.2	.1	.1	.2	.1	.0	.0	.2	1.4	1.7	1.1	.2	1.5	24	1.7	
18	1.8	1.4	.7	1.1	1.2	1.4	1.5	1.4	.2	.4	1.2	1.2	1.0	.8	.6	.7	1.4	1.0	.5	.9	.8	.7	.2	.2	24	1.8	
19	.1	.1	.0	.1	.0	.1	.5	.9	.7	1.5	1.7	1.6	1.1	.9	.6	.5	.5	.4	.4	.4	.3	.3	.3	.3	24	1.7	
20	.1	.4	1.0	.2	.1	.0	.1	.2	.6	1.3	1.5	1.5	.8	.6	.3	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	24	1.5
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
22	.0	.0	.0	.0	.0	.0	.0	.0	BF	BF	.0	.0	.0	AC	AC	AC	AC	AC	.0	.0	.0	.0	.1	.1	17	.1	
23	.0	.1	.0	.0	.0	.0	.0	.4	.2	.3	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.4
24	.0	.0	.0	.2	.7	.8	1.3	1.5	1.0	.5	.5	.2	.1	.1	.1	.1	.1	.0	.1	.6	.3	1.6	1.5	1.2	24	1.6	
25	2.0	1.4	1.8	1.8	1.8	1.2	.2	.4	.3	.3	.7	.6	.5	.5	.5	.4	.3	.3	.2	.0	.1	.1	.0	.0	24	2.0	
26	.0	.0	.0	.0	.1	.3	.6	.8	.8	.8	.7	.5	.4	.3	.3	.2	.1	.2	.2	1.2	.7	.4	.2	.2	24	1.2	
27	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	24	.2	
28	.0	.0	.0	.0	.0	.2	.6	.4	.5	.6	.1	.0	.0	.0	.0	.0	.0	.0	.1	.5	1.0	.7	1.4	1.4	24	1.4	
29	1.8	1.9	1.8	2.0	1.7	1.7	1.9	2.6	2.6	1.3	.5	.2	.4	.2	.2	.1	.2	.2	.3	.2	.1	.1	.1	.2	24	2.6	
30	.3	.5	.7	.5	.4	.2	.1	.1	.4	.8	1.6	2.1	1.4	.7	.2	.3	.6	.7	.5	.5	.5	.1	.4	.4	24	2.1	
31	.4	.4	.3	.2	.1	.1	.1	.1	.0	.1	.3	.5	.3	.3	.3	.2	.2	.1	.1	.4	1.6	.7	1.9	1.6	24	1.9	
NO.:	31	31	31	31	31	31	31	31	29	28	30	30	30	29	30	30	30	30	31	31	31	31	31	31	31		
MAX:	3.9	3.1	2.7	2.1	2.7	2.0	2.3	3.2	3.7	2.4	2.4	2.1	4.8	5.3	7.8	7.2	6.7	6.8	4.8	4.7	3.1	4.7	4.8	4.2			
AVG:	.85	.71	.57	.54	.60	.61	.65	.82	.79	.84	.82	.75	.80	.83	.69	.73	.70	.63	.64	.87	.88	.91	.94	.95			

MONTHLY OBSERVATIONS: 730 MONTHLY MEAN: .76 MONTHLY MAX: 7.8

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-129-0006 POC: 1
 COUNTY: (129) New Hanover
 CITY: (00000) Not in a city
 SITE ADDRESS: HIGHWAY 421 NORTH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (170) SOUTHERN COASTAL PLAIN
 URBANIZED AREA: (9200) WILMINGTON, NC
 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 34.268403
 LONGITUDE: -77.956529
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 6
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JANUARY 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BD	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	23	3.0	
2	BD	2.0	1.0	1.0	1.0	1.0	1.0	.0	.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	3.0	23	3.0	
3	BD	3.0	4.0	3.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	4.0	
4	BD	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
5	BD	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	7.0	6.0	6.0	5.0	4.0	6.0	4.0	2.0	2.0	1.0	1.0	.0	1.0	23	7.0	
6	BD	2.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	3.0	3.0	4.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	23	4.0	
7	BD	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
8	BD	2.0	2.0	1.0	1.0	.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	2.0	2.0	1.0	4.0	1.0	1.0	1.0	1.0	2.0	1.0	2.0	23	4.0	
9	BD	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	1.0	1.0	1.0	1.0	2.0	23	4.0	
10	BD	4.0	4.0	3.0	3.0	3.0	2.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	AV	1.0	22	4.0	
11	BD	2.0	2.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	1.0	BC	BC	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	21	3.0	
12	BD	2.0	1.0	1.0	1.0	1.0	.0	.0	1.0	10.0	25.0	16.0	24.0	22.0	19.0	5.0	10.0	3.0	2.0	2.0	1.0	1.0	3.0	10.0	23	25.0	
13	BD	14.0	12.0	6.0	6.0	6.0	3.0	3.0	10.0	21.0	4.0	3.0	3.0	3.0	3.0	3.0	2.0	3.0	3.0	2.0	1.0	1.0	1.0	1.0	23	21.0	
14	BD	3.0	2.0	2.0	5.0	2.0	2.0	2.0	4.0	4.0	5.0	26.0	50.0	32.0	6.0	8.0	5.0	3.0	2.0	1.0	1.0	1.0	1.0	1.0	23	50.0	
15	BD	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	5.0	40.0	12.0	3.0	2.0	2.0	5.0	4.0	2.0	1.0	1.0	1.0	.0	.0	23	40.0	
16	BD	2.0	1.0	.0	.0	.0	1.0	.0	1.0	6.0	8.0	4.0	3.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	.0	.0	.0	.0	23	8.0	
17	BD	2.0	1.0	1.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	2.0	
18	BD	2.0	1.0	.0	.0	.0	.0	1.0	.0	BC	BC	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	8	2.0
19	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BC	BC	BC	.0	1.0	3.0	8.0	1.0	.0	.0	.0	.0	.0	.0	11	8.0	
20	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	2.0	3.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	3.0	
21	BD	.0	.0	.0	.0	.0	.0	5.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	3.0	1.0	1.0	1.0	1.0	2.0	23	5.0	
22	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	4.0	3.0	3.0	2.0	23	4.0	
23	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	5.0	15.0	23.0	27.0	33.0	31.0	20.0	3.0	5.0	3.0	2.0	2.0	1.0	1.0	1.0	23	33.0	
24	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	23	3.0	
25	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
26	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	23	2.0	
27	BD	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	10.0	6.0	9.0	8.0	3.0	4.0	4.0	6.0	4.0	2.0	1.0	1.0	1.0	1.0	1.0	23	10.0	
28	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	23	3.0	
29	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
30	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	11.0	5.0	3.0	2.0	3.0	3.0	4.0	4.0	2.0	1.0	1.0	1.0	1.0	1.0	23	11.0	
31	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	BC	BC	1.0	1.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	21	2.0	
NO.:		30	30	30	30	30	30	30	30	29	29	28	28	29	29	30	30	30	30	30	30	30	29	30			
MAX:		14.0	12.0	6.0	6.0	6.0	3.0	5.0	10.0	21.0	25.0	40.0	50.0	33.0	31.0	20.0	10.0	5.0	3.0	3.0	4.0	3.0	3.0	10.0			
AVG:		2.17	1.67	1.23	1.30	1.13	1.03	1.13	1.40	3.14	3.86	6.04	6.07	4.93	3.72	2.80	2.80	1.93	1.50	1.13	1.00	.97	.97	1.27			

MONTHLY OBSERVATIONS: 681 MONTHLY MEAN: 2.28 MONTHLY MAX: 50.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-129-0006 POC: 1
 COUNTY: (129) New Hanover
 CITY: (00000) Not in a city
 SITE ADDRESS: HIGHWAY 421 NORTH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (170) SOUTHERN COASTAL PLAIN
 URBANIZED AREA: (9200) WILMINGTON, NC
 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 34.268403
 LONGITUDE: -77.956529
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 6
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: FEBRUARY 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM		
1	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0		
2	BD	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	10.0	23	10.0		
3	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	2.0	2.0	2.0	2.0	23	2.0		
4	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0		
5	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0		
6	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	9.0	7.0	5.0	3.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	23	9.0		
7	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	4.0	5.0	5.0	3.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	5.0		
8	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	16.0	4.0	3.0	2.0	6.0	11.0	9.0	2.0	1.0	1.0	2.0	1.0	1.0	1.0	2.0	23	16.0		
9	BD	1.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	3.0		
10	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0		
11	BD	1.0	1.0	1.0	1.0	1.0	1.0	2.0	3.0	3.0	2.0	2.0	2.0	1.0	1.0	2.0	2.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	23	3.0		
12	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	11.0	9.0	27.0	12.0	5.0	2.0	4.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	23	27.0		
13	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0		
14	BD	1.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	BC	BC	BC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	2.0	1.0	1.0	20	3.0		
15	BD	2.0	2.0	1.0	2.0	4.0	3.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	4.0		
16	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0		
17	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	23	2.0		
18	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0		
19	BD	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	5.0	5.0	4.0	2.0	2.0	3.0	2.0	2.0	3.0	4.0	2.0	23	5.0		
20	BD	3.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	23	3.0		
21	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0		
22	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0		
23	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0		
24	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	2.0	2.0	23	2.0		
25	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0		
26	BD	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0		
27	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0		
28	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	BC	BC	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	21	2.0		
29																										0		
30																											0	
31																											0	
NO.:	28	28	28	28	28	28	28	28	28	27	26	26	28	28	28	28	28	28	28	28	28	28	28	28	28			
MAX:	3.0	2.0	2.0	2.0	4.0	3.0	2.0	3.0	16.0	9.0	27.0	12.0	7.0	11.0	11.0	9.0	2.0	3.0	2.0	2.0	3.0	4.0	10.0					
AVG:	1.18	1.18	1.14	1.21	1.29	1.25	1.25	1.54	2.33	1.88	2.69	2.32	2.18	2.00	1.93	1.61	1.29	1.25	1.18	1.18	1.14	1.18	1.46					

MONTHLY OBSERVATIONS: 639 MONTHLY MEAN: 1.54 MONTHLY MAX: 27.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-129-0006 POC: 1
 COUNTY: (129) New Hanover
 CITY: (00000) Not in a city
 SITE ADDRESS: HIGHWAY 421 NORTH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (170) SOUTHERN COASTAL PLAIN
 URBANIZED AREA: (9200) WILMINGTON, NC
 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 34.268403
 LONGITUDE: -77.956529
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 6
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MARCH 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
2	BD	1.0	1.0	2.0	1.0	1.0	1.0	2.0	3.0	3.0	14.0	32.0	4.0	2.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	23	32.0	
3	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
4	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
5	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
6	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	8.0	4.0	2.0	23	8.0	
7	BD	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	3.0	
8	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
9	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
10	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
11	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	18.0	28.0	15.0	6.0	10.0	7.0	11.0	9.0	7.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	23	28.0	
12	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	2.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	3.0	
13	BD	1.0	1.0	1.0	2.0	1.0	1.0	2.0	3.0	3.0	2.0	7.0	8.0	2.0	2.0	2.0	2.0	3.0	3.0	2.0	2.0	2.0	1.0	1.0	23	8.0	
14	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	BC	BC	BC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	20	2.0	
15	BD	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
16	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	4.0	1.0	4.0	4.0	1.0	1.0	2.0	1.0	1.0	23	4.0	
17	BD	1.0	2.0	1.0	1.0	1.0	1.0	3.0	4.0	3.0	4.0	8.0	15.0	18.0	9.0	7.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	23	18.0	
18	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	1.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
19	BD	1.0	2.0	1.0	1.0	1.0	1.0	2.0	4.0	3.0	2.0	2.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	4.0	
20	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
21	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
22	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	4.0	16.0	22.0	7.0	18.0	AE	AE	AE	AE	AE	AE	AE	AE	2.0	1.0	1.0	1.0	16	22.0
23	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
24	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	BC	AZ	AZ	BA	9.0	6.0	4.0	9.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	19	9.0	
25	BD	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	BC	BC	BC	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	20	2.0	
26	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
27	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
28	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
29	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
30	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
31	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
NO.:		31	31	31	31	31	31	31	31	29	29	29	29	29	29	30	30	30	30	30	31	31	31	31			
MAX:		2.0	2.0	2.0	2.0	2.0	2.0	3.0	18.0	28.0	22.0	32.0	18.0	18.0	11.0	9.0	9.0	4.0	4.0	2.0	2.0	8.0	4.0	2.0			
AVG:		1.03	1.10	1.06	1.06	1.03	1.03	1.29	2.26	3.14	3.14	3.10	3.00	2.38	1.93	1.80	1.63	1.33	1.27	1.07	1.06	1.29	1.10	1.03			

MONTHLY OBSERVATIONS: 696 MONTHLY MEAN: 1.64 MONTHLY MAX: 32.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-129-0006 POC: 1
 COUNTY: (129) New Hanover
 CITY: (00000) Not in a city
 SITE ADDRESS: HIGHWAY 421 NORTH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (170) SOUTHERN COASTAL PLAIN
 URBANIZED AREA: (9200) WILMINGTON, NC
 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 34.268403
 LONGITUDE: -77.956529
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 6
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: APRIL 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0	11.0	12.0	7.0	5.0	6.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	12.0	
2	BD	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	2.0	1.0	1.0	1.0	4.0	2.0	2.0	2.0	1.0	1.0	2.0	1.0	1.0	23	4.0	
3	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	4.0	14.0	26.0	17.0	12.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	3.0	3.0	23	26.0	
4	BD	2.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
5	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	11.0	5.0	5.0	3.0	8.0	4.0	1.0	1.0	1.0	1.0	1.0	1.0	23	11.0	
6	BD	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	AZ	AZ	AZ	2.0	2.0	2.0	2.0	3.0	2.0	2.0	1.0	1.0	1.0	1.0	20	3.0	
7	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	BC	BC	BC	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	20	2.0	
8	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
9	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
10	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
11	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
12	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
13	BD	1.0	1.0	1.0	1.0	1.0	1.0	5.0	8.0	3.0	2.0	2.0	4.0	8.0	17.0	7.0	8.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	23	17.0	
14	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
15	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
16	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
17	BD	1.0	1.0	1.0	1.0	1.0	1.0	4.0	2.0	1.0	13.0	16.0	31.0	37.0	49.0	41.0	5.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	23	49.0	
18	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
19	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
20	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
21	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	BC	BC	BC	BC	3.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	19	3.0	
22	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
23	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
24	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
25	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
26	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
27	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	23	2.0	
28	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
29	BD	1.0	1.0	1.0	2.0	1.0	1.0	2.0	2.0	2.0	1.0	3.0	4.0	8.0	12.0	6.0	4.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	12.0	
30	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
31																										0	
NO.:	30	30	30	30	30	30	30	30	29	28	27	27	29	30	30	30	30	30	30	30	30	30	30	30			
MAX:	2.0	1.0	1.0	2.0	1.0	1.0	1.0	5.0	9.0	14.0	26.0	17.0	31.0	37.0	49.0	41.0	8.0	4.0	2.0	2.0	2.0	4.0	3.0	3.0			
AVG:	1.03	1.00	1.00	1.03	1.00	1.00	1.37	1.83	2.14	3.00	2.70	3.38	3.23	3.90	3.13	1.93	1.33	1.10	1.07	1.03	1.13	1.10	1.10				

MONTHLY OBSERVATIONS: 680 MONTHLY MEAN: 1.75 MONTHLY MAX: 49.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-129-0006 POC: 1
 COUNTY: (129) New Hanover
 CITY: (00000) Not in a city
 SITE ADDRESS: HIGHWAY 421 NORTH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (170) SOUTHERN COASTAL PLAIN
 URBANIZED AREA: (9200) WILMINGTON, NC
 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 34.268403
 LONGITUDE: -77.956529
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 6
 PROBE HEIGHT: 3

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

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT

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

REPORT FOR: MAY 2011

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
2	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	2.0	2.0	3.0	3.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	23	3.0	
3	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
4	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	BC	BC	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	21	2.0	
5	BD	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	BA	BC	BC	BC	BC	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	18	2.0	
6	BD	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
7	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	4.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	23	4.0	
8	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	2.0	1.0	2.0	2.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	23	2.0	
9	BD	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	23	1.0	
10	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	2.0	1.0	1.0	2.0	1.0	1.0	2.0	1.0	4.0	2.0	1.0	1.0	.0	23	4.0	
11	BD	1.0	1.0	1.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
12	BD	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
13	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	2.0	1.0	.0	.0	.0	.0	.0	.0	23	2.0	
14	BD	.0	.0	.0	.0	.0	.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	23	2.0	
15	BD	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	.0	1.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	23	1.0	
16	BD	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	23	1.0	
17	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
18	BD	.0	.0	.0	.0	.0	.0	.0	3.0	BC	BC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	21	3.0	
19	BD	.0	.0	.0	1.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	23	1.0	
20	BD	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	5.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	23	5.0	
21	BD	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	3.0	1.0	7.0	5.0	6.0	2.0	2.0	2.0	1.0	1.0	.0	.0	.0	23	7.0	
22	BD	.0	.0	.0	.0	.0	.0	.0	2.0	8.0	10.0	5.0	4.0	3.0	3.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	23	10.0	
23	BD	.0	.0	.0	.0	.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	2.0	
24	BD	1.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	11.0	3.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	23	11.0	
25	BD	.0	.0	.0	.0	.0	.0	2.0	3.0	2.0	2.0	1.0	6.0	1.0	6.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	23	6.0	
26	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
27	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
28	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	23	1.0	
29	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	2.0	
30	BD	.0	.0	.0	.0	.0	.0	.0	.0	16.0	43.0	15.0	4.0	2.0	4.0	2.0	2.0	1.0	.0	.0	.0	.0	.0	.0	23	43.0	
31	BD	.0	.0	.0	.0	.0	.0	4.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	1.0	1.0	1.0	1.0	1.0	.0	.0	23	4.0	
NO.:		31	31	31	31	31	31	31	30	28	29	30	30	30	31	31	31	31	31	31	31	31	31	31			
MAX:		1.0	1.0	1.0	1.0	1.0	1.0	4.0	3.0	16.0	43.0	15.0	6.0	7.0	11.0	6.0	3.0	2.0	2.0	4.0	2.0	1.0	1.0	1.0			
AVG:		.23	.19	.19	.23	.19	.26	.61	.93	1.75	2.93	1.77	1.23	1.20	1.65	1.13	1.00	.71	.58	.45	.35	.26	.19	.16			

MONTHLY OBSERVATIONS: 704 MONTHLY MEAN: .78 MONTHLY MAX: 43.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

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

REPORT FOR: JUNE 2011

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 UNITS: Parts per billion
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DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BD	1.0	1.0	.0	.0	.0	.0	BC	BC	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	1.0	
2	BD	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	42.0	32.0	15.0	9.0	1.0	3.0	3.0	3.0	1.0	1.0	.0	.0	.0	.0	23	42.0	
3	BD	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	23	1.0	
4	BD	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	2.0	3.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	23	3.0	
5	BD	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	3.0	21.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	1.0	23	21.0	
6	BD	1.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	1.0	1.0	.0	.0	.0	.0	23	1.0	
7	BD	.0	.0	.0	.0	1.0	.0	1.0	1.0	1.0	1.0	39.0	6.0	2.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	23	39.0	
8	BD	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	23	1.0	
9	BD	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
10	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
11	BD	.0	.0	.0	.0	.0	.0	1.0	.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	23	1.0	
12	BD	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	23	1.0	
13	BD	.0	.0	.0	.0	.0	.0	1.0	1.0	63.0	47.0	15.0	2.0	12.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	.0	.0	23	63.0	
14	BD	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	4.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	23	4.0	
15	BD	.0	.0	.0	.0	.0	.0	1.0	BC	BC	BC	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	.0	.0	.0	.0	20	2.0	
16	BD	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	1.0	1.0	.0	.0	.0	1.0	1.0	1.0	23	1.0	
17	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	12.0	4.0	20.0	9.0	34.0	4.0	1.0	1.0	1.0	1.0	1.0	.0	.0	23	34.0	
18	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	23	1.0	
19	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	14.0	7.0	1.0	1.0	.0	1.0	.0	.0	.0	.0	.0	23	14.0	
20	BD	1.0	1.0	1.0	1.0	1.0	1.0	2.0	13.0	24.0	29.0	48.0	3.0	2.0	1.0	1.0	1.0	4.0	1.0	1.0	1.0	1.0	1.0	.0	23	48.0	
21	BD	1.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	2.0	
22	BD	1.0	3.0	6.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	6.0	
23	BD	1.0	.0	.0	.0	.0	1.0	1.0	2.0	2.0	2.0	2.0	5.0	2.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	23	5.0	
24	BD	1.0	.0	.0	.0	.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	23	1.0	
25	BD	1.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	23	1.0	
26	BD	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	23	1.0	
27	BD	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	2.0	
28	BD	.0	.0	.0	.0	.0	1.0	1.0	BC	BC	BC	1.0	1.0	1.0	1.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	20	1.0	
29	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	23	6.0	
30	BD	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	23	1.0	
31																										0	
NO.:	30	30	30	30	30	30	30	29	27	28	28	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	1.0	3.0	6.0	2.0	1.0	1.0	1.0	2.0	13.0	63.0	47.0	48.0	15.0	20.0	9.0	34.0	4.0	4.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
AVG:	.33	.27	.33	.20	.27	.37	.69	1.33	4.04	5.11	6.53	2.00	2.80	1.47	2.03	1.03	.93	.70	.43	.27	.27	.10	.10				

MONTHLY OBSERVATIONS: 682 MONTHLY MEAN: 1.36 MONTHLY MAX: 63.0

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1	BD	.0	.0	.0	.0	.0	.0	.0	.0	2.0	1.0	3.0	3.0	2.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	23	3.0
2	BD	.0	.0	.0	.0	1.0	.0	1.0	5.0	P76.0	42.0	12.0	4.0	2.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	23	76.0
3	BD	.0	.0	.0	.0	.0	.0	.0	1.0	.0	1.0	.0	1.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
4	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
5	BD	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	23	2.0
6	BD	.0	.0	.0	.0	.0	.0	.0	1.0	.0	1.0	.0	.0	1.0	1.0	1.0	1.0	.0	.0	1.0	.0	.0	.0	.0	23	1.0
7	BD	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	1.0	1.0	.0	1.0	2.0	1.0	1.0	.0	1.0	.0	.0	1.0	.0	23	2.0
8	BD	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
9	BD	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	8.0	17.0	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	17.0
10	BD	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	.0	.0	1.0	.0	1.0	.0	.0	.0	.0	1.0	23	1.0
11	BD	1.0	.0	1.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	23	1.0
12	BD	1.0	.0	.0	.0	.0	.0	1.0	BC	BC	BC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	20	1.0
13	BD	1.0	.0	.0	.0	.0	.0	3.0	2.0	1.0	1.0	1.0	18.0	45.0	16.0	3.0	2.0	1.0	1.0	1.0	1.0	.0	.0	.0	23	45.0
14	BD	1.0	1.0	.0	1.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	.0	.0	.0	23	1.0
15	BD	1.0	1.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	.0	1.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	23	1.0
16	BD	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	23	1.0
17	BD	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	.0	.0	.0	.0	23	1.0
18	BD	1.0	1.0	1.0	.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	23	2.0
19	BD	1.0	.0	.0	1.0	.0	1.0	14.0	6.0	2.0	1.0	1.0	8.0	6.0	3.0	3.0	2.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	23	14.0
20	BD	1.0	.0	.0	1.0	.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
21	BD	1.0	1.0	1.0	.0	.0	1.0	1.0	2.0	2.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	.0	23	2.0
22	BD	1.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	4.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	23	4.0
23	BD	1.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	.0	.0	1.0	23	1.0
24	BD	1.0	.0	.0	.0	.0	.0	1.0	1.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
25	BD	1.0	1.0	.0	1.0	.0	1.0	1.0	1.0	BC	BC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	.0	21	1.0
26	BD	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	1.0	.0	.0	23	1.0
27	BD	1.0	.0	.0	.0	1.0	.0	1.0	1.0	1.0	1.0	5.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	23	5.0
28	BD	1.0	.0	.0	.0	.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	23	2.0
29	BD	1.0	.0	.0	.0	.0	1.0	2.0	2.0	2.0	4.0	1.0	1.0	1.0	9.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	9.0
30	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	8.0	8.0	3.0	15.0	69.0	30.0	5.0	2.0	3.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	23	69.0
31	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	2.0	1.0	.0	.0	.0	.0	.0	23	3.0
NO.:		31	31	31	31	31	31	31	30	29	29	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		1.0	1.0	1.0	1.0	1.0	1.0	14.0	8.0	76.0	42.0	15.0	69.0	45.0	16.0	3.0	3.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	
AVG:		.68	.29	.26	.32	.35	.39	1.29	1.53	3.76	2.52	2.10	4.61	3.45	1.87	1.10	1.10	.84	.74	.65	.52	.35	.29	.23		

1 Values marked with 'P' exceed the PRIMARY STANDARD of: 75.5

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: 1.26 MONTHLY MAX: 76.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-129-0006 POC: 1
 COUNTY: (129) New Hanover
 CITY: (00000) Not in a city
 SITE ADDRESS: HIGHWAY 421 NORTH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (170) SOUTHERN COASTAL PLAIN
 URBANIZED AREA: (9200) WILMINGTON, NC
 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 34.268403
 LONGITUDE: -77.956529
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 6
 PROBE HEIGHT: 3

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

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT

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

REPORT FOR: AUGUST 2011

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM		
1	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	7.0	
2	BD	1.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	4.0	19.0	39.0	7.0	3.0	4.0	2.0	3.0	2.0	1.0	1.0	1.0	.0	.0	23	39.0		
3	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	AZ	AZ	AZ	AZ	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	19	2.0	
4	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
5	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	14.0	9.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	14.0	
6	BD	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	1.0	.0	1.0	1.0	1.0	.0	23	1.0	
7	BD	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	0	
8	BD	AJ	AJ	AJ	AJ	AJ	AJ	AJ	BA	BC	BC	BC	BC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	10	1.0	
9	BD	1.0	1.0	1.0	1.0	1.0	2.0	5.0	27.0	48.0	2.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	48.0	
10	BD	1.0	1.0	1.0	2.0	4.0	4.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	3.0	3.0	2.0	2.0	1.0	1.0	1.0	1.0	23	4.0	
11	BD	1.0	1.0	1.0	1.0	1.0	1.0	4.0	3.0	3.0	2.0	1.0	3.0	8.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	8.0	
12	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	1.0	1.0	1.0	1.0	1.0	.0	23	1.0	
13	BD	4.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	4.0	
14	BD	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	10.0	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	5.0	8.0	1.0	1.0	1.0	1.0	23	10.0	
15	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	10.0	2.0	1.0	25.0	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	25.0	
16	BD	1.0	1.0	1.0	2.0	2.0	6.0	1.0	1.0	2.0	7.0	17.0	5.0	9.0	5.0	3.0	3.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	23	17.0	
17	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
18	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
19	BD	AJ	AJ	AJ	AJ	AJ	AJ	AJ	BA	BC	BC	BC	2.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	4.0	2.0	1.0	1.0	1.0	12	4.0	
20	BD	1.0	1.0	1.0	1.0	1.0	1.0	2.0	3.0	6.0	25.0	17.0	17.0	6.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	25.0	
21	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	4.0	1.0	1.0	1.0	1.0	1.0	1.0	23	4.0	
22	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	BA	BC	BC	BC	36.0	9.0	2.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	19	36.0	
23	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
24	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
25	BD	AN	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	9	2.0	
26	BD	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0		
27	BD	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0		
28	BD	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0		
29	BD	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0		
30	BD	SA	SA	SA	SA	SA	SA	SA	SA	BC	BC	BC	BC	BC	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10	1.0	
31	BD	AN	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	AN	AN	AN	AN	AN	AN	AN	AN	15	2.0	
NO.:	21	23	23	23	23	23	23	23	23	21	21	20	21	23	25	25	25	24	24	24	24	24	24	24	24			
MAX:	4.0	2.0	2.0	2.0	4.0	6.0	5.0	27.0	48.0	25.0	25.0	39.0	36.0	9.0	7.0	3.0	3.0	5.0	8.0	4.0	2.0	1.0	1.0	1.0				
AVG:	1.19	1.00	1.00	1.04	1.13	1.35	1.48	2.78	4.14	3.00	4.60	4.14	4.13	2.00	1.40	1.08	1.21	1.42	1.33	1.08	1.00	.92	.83					

MONTHLY OBSERVATIONS: 531 MONTHLY MEAN: 1.83 MONTHLY MAX: 48.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-129-0006 POC: 1
 COUNTY: (129) New Hanover
 CITY: (00000) Not in a city
 SITE ADDRESS: HIGHWAY 421 NORTH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (170) SOUTHERN COASTAL PLAIN
 URBANIZED AREA: (9200) WILMINGTON, NC
 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 34.268403
 LONGITUDE: -77.956529
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 6
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: SEPTEMBER 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BD	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
2	AN	AN	AN	AN	AN	AN	AN	AN	BC	BC	BC	BC	BC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	11	1.0
3	BD	AN	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	22	1.0
4	BD	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
5	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
6	BD	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
7	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
8	BD	1.0	1.0	1.0	1.0	1.0	3.0	4.0	4.0	8.0	47.0	7.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	47.0
9	BD	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
10	BD	1.0	1.0	1.0	1.0	1.0	1.0	2.0	10.0	26.0	54.0	3.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	23	54.0
11	BD	1.0	1.0	1.0	1.0	1.0	1.0	8.0	12.0	28.0	19.0	3.0	2.0	3.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	28.0
12	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	12.0	23.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	23.0
13	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	12.0	14.0	11.0	2.0	3.0	3.0	1.0	2.0	4.0	1.0	1.0	1.0	1.0	1.0	1.0	23	14.0
14	BD	1.0	1.0	1.0	1.0	1.0	1.0	2.0	5.0	BF	BF	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	21	5.0
15	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
16	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
17	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
18	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
19	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
20	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
21	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
22	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	4.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	4.0
23	AJ	AM	AM	AM	AM	AM	AM	AM	BF	BF	BF	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	13	1.0
24	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
25	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
26	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
27	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	3.0
28	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	3.0
29	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
30	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
31																									0	
NO.:	26	27	27	27	27	27	27	27	27	26	26	28	28	29	29	29	29	29	29	29	29	29	29	29	29	
MAX:	2.0	2.0	2.0	2.0	2.0	1.0	3.0	8.0	12.0	28.0	54.0	11.0	12.0	23.0	3.0	3.0	2.0	4.0	1.0	2.0	1.0	1.0	1.0	1.0	3.0	
AVG:	1.00	.89	.89	.89	.93	1.04	1.44	2.07	3.69	5.96	1.82	1.57	1.93	1.07	1.03	1.00	1.14	.93	.90	.90	.83	.79	.79			

MONTHLY OBSERVATIONS: 642 MONTHLY MEAN: 1.43 MONTHLY MAX: 54.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-129-0006 POC: 1
 COUNTY: (129) New Hanover
 CITY: (00000) Not in a city
 SITE ADDRESS: HIGHWAY 421 NORTH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (170) SOUTHERN COASTAL PLAIN
 URBANIZED AREA: (9200) WILMINGTON, NC
 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 34.268403
 LONGITUDE: -77.956529
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 6
 PROBE HEIGHT: 3

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

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT

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

REPORT FOR: OCTOBER 2011

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BD	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	2.0	2.0	6.0	13.0	14.0	5.0	2.0	4.0	23	14.0
2	BD	2.0	17.0	6.0	2.0	1.0	1.0	5.0	2.0	2.0	3.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	17.0
3	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
4	BD	1.0	2.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	3.0	5.0	5.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	23	5.0
5	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	BC	BC	BC	BC	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	19	2.0
6	BD	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
7	BD	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
8	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
9	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
10	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
11	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
12	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
13	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	3.0
14	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
15	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
16	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	3.0
17	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
18	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	BC	BC	BC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	20	1.0
19	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
20	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
21	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	2.0	4.0	5.0	6.0	5.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	6.0
22	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	23	2.0
23	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
24	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
25	BD	1.0	1.0	1.0	2.0	1.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
26	BD	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	2.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
27	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
28	BD	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
29	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	4.0	2.0	2.0	7.0	2.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	2.0	2.0	23	7.0
30	BD	2.0	2.0	2.0	2.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	2.0	1.0	1.0	23	2.0
31	BD	2.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
NO.:		31	31	31	31	31	31	31	31	31	30	29	29	29	31	31	31	31	31	31	31	31	31	31		
MAX:		2.0	17.0	6.0	2.0	2.0	2.0	5.0	4.0	3.0	3.0	7.0	4.0	5.0	6.0	5.0	5.0	3.0	6.0	13.0	14.0	5.0	2.0	4.0		
AVG:		1.10	1.58	1.19	1.13	1.06	1.06	1.39	1.48	1.55	1.40	1.59	1.45	1.34	1.42	1.52	1.42	1.23	1.23	1.42	1.45	1.19	1.06	1.13		

MONTHLY OBSERVATIONS: 706 MONTHLY MEAN: 1.32 MONTHLY MAX: 17.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-129-0006 POC: 1
 COUNTY: (129) New Hanover
 CITY: (00000) Not in a city
 SITE ADDRESS: HIGHWAY 421 NORTH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (170) SOUTHERN COASTAL PLAIN
 URBANIZED AREA: (9200) WILMINGTON, NC
 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 34.268403
 LONGITUDE: -77.956529
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 6
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: NOVEMBER 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	BC	BC	BC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	20	2.0	
2	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	23	2.0	
3	BD	1.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
4	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
5	BD	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
6	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
7	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
8	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
9	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
10	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	2.0	2.0	3.0	3.0	4.0	2.0	2.0	2.0	2.0	5.0	2.0	2.0	2.0	2.0	23	5.0	
11	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	2.0	2.0	4.0	4.0	3.0	2.0	7.0	3.0	2.0	1.0	1.0	1.0	1.0	1.0	23	7.0	
12	BD	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	2.0	1.0	1.0	1.0	23	2.0	
13	BD	1.0	2.0	1.0	1.0	2.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
14	BD	2.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
15	BD	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	2.0	2.0	2.0	2.0	BC	BC	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	21	2.0	
16	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
17	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	2.0	2.0	2.0	3.0	23	3.0	
18	BD	2.0	2.0	2.0	1.0	1.0	1.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0	
19	BD	2.0	2.0	2.0	2.0	2.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
20	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	3.0	2.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	23	3.0	
21	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	2.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
22	BD	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	3.0	3.0	1.0	1.0	2.0	2.0	23	3.0	
23	BD	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
24	BD	2.0	1.0	1.0	2.0	2.0	2.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	2.0	1.0	1.0	23	2.0	
25	BD	2.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	2.0	23	3.0	
26	BD	2.0	1.0	1.0	2.0	2.0	2.0	2.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	2.0	1.0	1.0	1.0	2.0	1.0	23	2.0	
27	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
28	BD	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
29	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	BC	BC	1.0	1.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	21	2.0	
30	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	14.0	8.0	28.0	19.0	12.0	13.0	6.0	3.0	2.0	2.0	1.0	1.0	2.0	2.0	23	28.0	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	30	29	28	28	28	30	30	30	30	30	30	30	30	30	30			
MAX:	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	14.0	8.0	28.0	19.0	12.0	13.0	7.0	3.0	3.0	5.0	2.0	2.0	2.0	2.0	3.0		
AVG:	1.33	1.17	1.13	1.20	1.27	1.30	1.23	1.23	1.23	1.73	2.03	1.79	2.71	2.21	1.89	1.93	1.77	1.40	1.37	1.37	1.27	1.20	1.27	1.23			

MONTHLY OBSERVATIONS: 683 MONTHLY MEAN: 1.52 MONTHLY MAX: 28.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-129-0006 POC: 1
 COUNTY: (129) New Hanover
 CITY: (00000) Not in a city
 SITE ADDRESS: HIGHWAY 421 NORTH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (170) SOUTHERN COASTAL PLAIN
 URBANIZED AREA: (9200) WILMINGTON, NC
 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 34.268403
 LONGITUDE: -77.956529
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 6
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: DECEMBER 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BD	2.0	2.0	3.0	2.0	3.0	2.0	3.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	3.0	4.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	23	4.0
2	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	4.0	3.0	37.0	15.0	21.0	6.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	23	37.0
3	BD	2.0	2.0	2.0	2.0	2.0	2.0	1.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0
4	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	2.0	23	3.0
5	BD	2.0	2.0	1.0	1.0	1.0	1.0	2.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
6	BD	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	BA	BA	BA	5.0	4.0	3.0	3.0	1.0	1.0	1.0	2.0	2.0	1.0	2.0	2.0	20	5.0
7	BD	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	BC	BC	BC	BC	BC	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18	2.0
8	BD	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	.0	1.0	1.0	23	2.0
9	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	23	2.0
10	BD	.0	.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	23	2.0
11	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
12	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
13	BD	1.0	.0	.0	.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
14	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	4.0	4.0	3.0	2.0	3.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	4.0
15	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	23	2.0
16	BD	1.0	.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	23	1.0
17	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	23	1.0
18	BD	1.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
19	BD	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	3.0	3.0	2.0	3.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	3.0
20	BD	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	BC	BC	BC	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	20	2.0
21	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	6.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	23	6.0
22	BD	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	.0	.0	.0	.0	23	1.0
23	BD	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
24	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
25	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0
26	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
27	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
28	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	11.0	10.0	14.0	4.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	14.0
29	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	3.0
30	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	1.0	2.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	23	2.0
31	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	4.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	23	4.0
NO.:		31	31	31	31	31	31	31	31	29	29	29	30	29	30	31	31	31	31	31	31	31	31	31		
MAX:		2.0	2.0	3.0	2.0	3.0	2.0	3.0	3.0	6.0	11.0	10.0	14.0	37.0	15.0	21.0	6.0	4.0	3.0	2.0	2.0	2.0	2.0	2.0		
AVG:		1.19	1.10	1.16	1.06	1.13	1.16	1.23	1.23	1.62	2.00	1.90	1.97	2.79	1.83	2.03	1.42	1.23	1.16	1.13	1.06	.97	1.00	1.03		

MONTHLY OBSERVATIONS: 702 MONTHLY MEAN: 1.40 MONTHLY MAX: 37.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-157-0099 POC: 1
 COUNTY: (157) Rockingham
 CITY: (00000) Not in a city
 SITE ADDRESS: 6371 NC 65 @ BETHANY SCHOOL
 SITE COMMENTS: UAM VALIDATION SITE/FORSYTH COUNTY MAX O3 DOWNWIND,CO,NOX,NMOC MAXIMUM O3 DOWNWIND
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 36.308889
 LONGITUDE: -79.859167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 277
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS

REPORT FOR: JANUARY 2011

DURATION: 1 HOUR

COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT

UNITS: Parts per billion

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

MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BD	2.0	2.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	2.0	
2	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
3	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	23	2.0	
4	BD	1.0	1.0	.0	1.0	2.0	3.0	2.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	23	3.0	
5	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
6	BD	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	23	2.0	
7	BD	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
8	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	23	1.0	
9	BD	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	23	2.0	
10	BD	2.0	2.0	2.0	2.0	2.0	11.0	13.0	11.0	6.0	5.0	4.0	3.0	2.0	18.0	8.0	1.0	1.0	1.0	1.0	1.0	3.0	4.0	1.0	23	18.0	
11	BD	1.0	2.0	6.0	4.0	4.0	9.0	7.0	2.0	2.0	7.0	8.0	4.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	23	9.0	
12	BD	2.0	1.0	4.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	4.0	
13	BD	1.0	1.0	1.0	1.0	1.0	2.0	2.0	3.0	3.0	BA	BF	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	21	3.0	
14	BD	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	23	2.0	
15	BD	4.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	1.0	2.0	2.0	2.0	1.0	1.0	2.0	1.0	2.0	3.0	3.0	2.0	1.0	1.0	23	4.0	
16	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	23	2.0	
17	BD	1.0	1.0	1.0	1.0	2.0	2.0	2.0	3.0	4.0	4.0	4.0	3.0	4.0	7.0	12.0	6.0	2.0	2.0	3.0	9.0	10.0	9.0	10.0	23	12.0	
18	BD	2.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	1.0	4.0	3.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	1.0	1.0	23	4.0	
19	BD	.0	.0	.0	.0	1.0	3.0	1.0	1.0	1.0	2.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	3.0	
20	BD	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
21	BD	2.0	1.0	1.0	2.0	2.0	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	23	2.0
22	BD	2.0	2.0	2.0	2.0	8.0	14.0	18.0	7.0	2.0	2.0	2.0	7.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	18.0	
23	BD	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	3.0	23	3.0	
24	BD	3.0	3.0	4.0	4.0	4.0	5.0	5.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	5.0	
25	BD	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	3.0	3.0	4.0	4.0	3.0	3.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	3.0	23	4.0	
26	BD	2.0	3.0	3.0	2.0	.0	.0	.0	.0	.0	1.0	4.0	5.0	2.0	.0	.0	.0	.0	.0	1.0	2.0	2.0	2.0	1.0	23	5.0	
27	BD	.0	.0	.0	.0	.0	.0	.0	BA	BF	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	21	1.0	
28	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	3.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	3.0	
29	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	23	1.0	
30	BD	.0	.0	.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	2.0	2.0	3.0	23	3.0	
31	BD	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	4.0	3.0	AV	4.0	3.0	3.0	3.0	3.0	3.0	5.0	7.0	7.0	8.0	22	8.0	
NO.:		31	31	31	31	31	31	31	30	30	30	30	31	30	31	31	31	31	31	31	31	31	31	31			
MAX:		4.0	4.0	6.0	4.0	8.0	14.0	18.0	11.0	6.0	7.0	8.0	7.0	4.0	18.0	12.0	6.0	3.0	3.0	3.0	9.0	10.0	9.0	10.0			
AVG:		1.13	1.06	1.29	1.23	1.45	2.23	2.23	1.70	1.50	1.67	2.07	1.77	1.23	1.71	1.55	1.10	.90	.94	.90	1.19	1.39	1.39	1.52			

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: 1.44 MONTHLY MAX: 18.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-157-0099 POC: 1
 COUNTY: (157) Rockingham
 CITY: (00000) Not in a city
 SITE ADDRESS: 6371 NC 65 @ BETHANY SCHOOL
 SITE COMMENTS: UAM VALIDATION SITE/FORSYTH COUNTY MAX O3 DOWNWIND,CO,NOX,NMOC MAXIMUM O3 DOWNWIND
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 36.308889
 LONGITUDE: -79.859167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 277
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: FEBRUARY 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM		
1	BD	5.0	5.0	4.0	3.0	3.0	2.0	2.0	2.0	3.0	3.0	3.0	2.0	2.0	1.0	1.0	1.0	1.0	.0	.0	1.0	1.0	.0	.0	23	5.0		
2	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0		
3	BD	.0	.0	.0	.0	.0	1.0	1.0	1.0	BA	BF	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	21	2.0		
4	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	4.0	5.0	4.0	3.0	2.0	2.0	1.0	1.0	1.0	1.0	.0	.0	1.0	1.0	23	5.0		
5	BD	2.0	2.0	1.0	1.0	1.0	2.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	23	2.0		
6	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0		
7	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	1.0	1.0	.0	.0	.0	.0	1.0	3.0	2.0	2.0	3.0	2.0	23	3.0		
8	BD	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0		
9	BD	1.0	1.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	23	3.0		
10	BD	.0	.0	.0	.0	.0	.0	1.0	1.0	2.0	2.0	3.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	3.0		
11	BD	2.0	2.0	2.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	.0	.0	.0	.0	1.0	1.0	23	2.0		
12	BD	2.0	3.0	2.0	2.0	2.0	1.0	2.0	2.0	5.0	2.0	2.0	2.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	23	5.0		
13	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	23	1.0		
14	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	23	1.0		
15	BD	.0	1.0	.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	23	1.0		
16	BD	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	23	2.0		
17	BD	.0	.0	1.0	1.0	1.0	1.0	1.0	BA	BF	1.0	AZ	AZ	AZ	AZ	.0	.0	.0	.0	.0	.0	.0	.0	.0	17	1.0		
18	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	.0	.0	.0	.0	.0	.0	.0	1.0	23	2.0		
19	BD	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	23	2.0		
20	BD	1.0	1.0	2.0	4.0	5.0	4.0	4.0	4.0	2.0	1.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	5.0		
21	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0		
22	BD	.0	1.0	1.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0		
23	BD	1.0	3.0	3.0	5.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	5.0		
24	BD	1.0	3.0	3.0	5.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	5.0		
25	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	AV	AV	AV	1.0	.0	.0	1.0	1.0	1.0	20	1.0		
26	BD	1.0	1.0	.0	3.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	1.0	.0	1.0	.0	23	3.0		
27	BD	1.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0		
28	BD	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0		
29																										0		
30																											0	
31																											0	
NO.:		28	28	28	28	28	28	28	27	26	27	27	27	27	27	27	27	27	28	28	28	28	28	28				
MAX:		5.0	5.0	4.0	5.0	5.0	4.0	4.0	4.0	5.0	4.0	5.0	4.0	3.0	2.0	2.0	1.0	2.0	2.0	3.0	2.0	2.0	3.0	3.0	2.0			
AVG:		.86	1.11	1.04	1.32	1.04	.86	.89	.93	1.04	.96	.89	.74	.63	.44	.44	.26	.30	.32	.39	.39	.36	.43	.43				

MONTHLY OBSERVATIONS: 633 MONTHLY MEAN: .70 MONTHLY MAX: 5.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-157-0099 POC: 1
 COUNTY: (157) Rockingham
 CITY: (00000) Not in a city
 SITE ADDRESS: 6371 NC 65 @ BETHANY SCHOOL
 SITE COMMENTS: UAM VALIDATION SITE/FORSYTH COUNTY MAX O3 DOWNWIND,CO,NOX,NMOC MAXIMUM O3 DOWNWIND
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 36.308889
 LONGITUDE: -79.859167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 277
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS

REPORT FOR: MARCH 2011

DURATION: 1 HOUR

COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

UNITS: Parts per billion

MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
2	BD	.0	.0	.0	.0	.0	.0	.0	BA	BF	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	21	2.0
3	BD	2.0	2.0	3.0	3.0	2.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	.0	.0	.0	.0	.0	.0	23	3.0	
4	BD	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	23	1.0	
5	BD	1.0	1.0	.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
6	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	2.0	2.0	2.0	23	2.0	
7	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
8	BD	BD	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	.0	.0	2.0	2.0	2.0	3.0	3.0	2.0	1.0	.0	.0	.0	22	3.0	
9	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
10	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
11	BD	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	23	1.0	
12	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
13	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	1.0	1.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	1.0	1.0	23	2.0	
14	BD	1.0	1.0	1.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
15	BD	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	1.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	23	1.0	
16	BD	.0	.0	.0	.0	.0	.0	.0	BA	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	0.0	
17	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
18	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
19	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	23	1.0	
20	BD	.0	1.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	23	1.0	
21	BD	.0	.0	.0	.0	.0	.0	AY	AY	AY	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20	0.0	
22	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
23	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
24	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
25	BD	.0	.0	.0	.0	.0	1.0	2.0	3.0	2.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	23	3.0	
26	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	2.0	3.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0	.0	.0	23	3.0	
27	BD	.0	.0	1.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
28	BD	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
29	BD	.0	.0	.0	.0	.0	2.0	10.0	10.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	1.0	1.0	23	10.0	
30	BD	1.0	1.0	2.0	1.0	.0	1.0	.0	BA	BF	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	21	2.0	
31	BD	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
NO.:		30	31	31	31	31	31	30	27	27	31	31	31	31	31	31	31	31	31	31	31	31	31	31			
MAX:		2.0	2.0	3.0	3.0	2.0	2.0	10.0	10.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0			
AVG:		.20	.23	.26	.19	.16	.29	.67	.85	.33	.39	.35	.32	.35	.32	.26	.26	.29	.29	.29	.29	.26	.19	.23	.19		

MONTHLY OBSERVATIONS: 703 MONTHLY MEAN: .31 MONTHLY MAX: 10.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-157-0099 POC: 1
 COUNTY: (157) Rockingham
 CITY: (00000) Not in a city
 SITE ADDRESS: 6371 NC 65 @ BETHANY SCHOOL
 SITE COMMENTS: UAM VALIDATION SITE/FORSYTH COUNTY MAX O3 DOWNWIND,CO,NOX,NMOC MAXIMUM O3 DOWNWIND
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 36.308889
 LONGITUDE: -79.859167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 277
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: APRIL 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BD	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
2	BD	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
3	BD	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
4	BD	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
5	BD	AN	AN	AN	AN	AN	AN	AN	BC	BC	BC	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13	0.0
6	BD	BD	.0	.0	.0	.0	.0	1.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	1.0
7	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	23	1.0
8	BD	1.0	1.0	.0	1.0	.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	2.0
9	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
10	BD	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
11	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
12	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
13	BD	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	23	1.0
14	BD	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	23	2.0
15	BD	1.0	1.0	1.0	.0	.0	.0	.0	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	1.0
16	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	AV	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
17	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
18	BD	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
19	BD	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
20	BD	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
21	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	2.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	1.0	.0	23	2.0	
22	BD	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
23	BD	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
24	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	23	2.0	
25	BD	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	1.0
26	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
27	BD	.0	.0	.0	.0	.0	.0	.0	AZ	AZ	AZ	AZ	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19	0.0
28	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
29	BD	.0	.0	.0	.0	.0	.0	.0	BF	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20	0.0
30	BD	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
31																										0	
NO.:	19	24	24	24	24	24	24	24	21	21	22	24	25	24	25	25	25	25	25	25	25	25	25	25	25		
MAX:	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		
AVG:	.21	.17	.17	.13	.08	.13	.17	.29	.33	.36	.29	.28	.21	.20	.12	.12	.08	.08	.04	.08	.08	.16	.16				

MONTHLY OBSERVATIONS: 550 MONTHLY MEAN: .17 MONTHLY MAX: 2.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-157-0099 POC: 1
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 CITY: (00000) Not in a city
 SITE ADDRESS: 6371 NC 65 @ BETHANY SCHOOL
 SITE COMMENTS: UAM VALIDATION SITE/FORSYTH COUNTY MAX O3 DOWNWIND,CO,NOX,NMOC MAXIMUM O3 DOWNWIND
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 36.308889
 LONGITUDE: -79.859167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 277
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MAY 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BD	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
2	BD	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
3	BD	AN	AN	AN	AN	AN	AN	AN	BC	BC	2.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14	2.0
4	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
5	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	23	2.0	
6	BD	1.0	1.0	1.0	.0	1.0	1.0	1.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	3.0	
7	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	23	2.0	
8	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
9	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
10	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
11	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
12	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
13	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	23	2.0	
14	BD	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	22	2.0	
15	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	2.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	23	3.0	
16	BD	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
17	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	BA	BF	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	21	1.0	
18	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
19	BD	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
20	BD	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	23	2.0	
21	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0	
22	BD	2.0	1.0	2.0	2.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	23	2.0	
23	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	23	3.0	
24	BD	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	5.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	23	5.0	
25	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	23	3.0	
26	BD	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0	
27	BD	BD	1.0	2.0	1.0	1.0	1.0	2.0	BA	BF	2.0	2.0	2.0	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	9	2.0	
28	BD	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	10	3.0	
29	BD	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
30	BD	1.0	1.0	1.0	1.0	2.0	2.0	4.0	6.0	5.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	6.0	
31	BD	2.0	2.0	1.0	2.0	2.0	2.0	2.0	3.0	6.0	7.0	4.0	3.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	1.0	1.0	23	7.0	
NO.:		25	27	27	27	27	27	27	25	28	28	28	28	27	28	28	28	28	28	28	28	28	28	28			
MAX:		2.0	2.0	2.0	2.0	2.0	2.0	4.0	6.0	6.0	7.0	4.0	3.0	3.0	3.0	3.0	2.0	3.0	2.0	3.0	2.0	2.0	2.0	2.0			
AVG:		1.16	1.11	1.19	1.15	1.19	1.30	1.52	1.76	1.92	1.86	1.54	1.50	1.44	1.39	1.29	1.32	1.36	1.29	1.25	1.21	1.25	1.21	1.18			

MONTHLY OBSERVATIONS: 628 MONTHLY MEAN: 1.36 MONTHLY MAX: 7.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

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 MONITOR COMMENTS:

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 AQCR: (136) NORTHERN PIEDMONT
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 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 36.308889
 LONGITUDE: -79.859167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 277
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JUNE 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BD	1.0	1.0	1.0	1.0	1.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	2.0	2.0	2.0	2.0	23	3.0
2	BD	2.0	2.0	1.0	1.0	1.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	23	3.0	
3	BD	2.0	2.0	5.0	3.0	2.0	3.0	3.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	3.0	23	5.0	
4	BD	2.0	2.0	2.0	2.0	3.0	6.0	3.0	2.0	2.0	3.0	3.0	5.0	5.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	23	6.0	
5	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	2.0	2.0	2.0	2.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	2.0	
6	BD	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0	
7	BD	2.0	2.0	2.0	2.0	5.0	6.0	3.0	2.0	2.0	2.0	2.0	2.0	3.0	4.0	3.0	3.0	3.0	2.0	2.0	1.0	2.0	2.0	2.0	23	6.0	
8	BD	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0	
9	BD	2.0	2.0	2.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	2.0	2.0	2.0	1.0	2.0	2.0	2.0	2.0	2.0	1.0	23	3.0	
10	BD	2.0	1.0	1.0	1.0	2.0	2.0	3.0	BA	BF	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	21	3.0	
11	BD	2.0	2.0	1.0	1.0	2.0	1.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	23	3.0	
12	BD	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	2.0	2.0	2.0	2.0	1.0	2.0	1.0	1.0	2.0	2.0	23	4.0	
13	BD	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0	
14	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	3.0	4.0	4.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	23	4.0	
15	BD	4.0	3.0	4.0	4.0	3.0	9.0	6.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	9.0	
16	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0	
17	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0	
18	BD	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	2.0	23	4.0	
19	BD	2.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0	
20	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	2.0	
21	BD	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0	
22	BD	2.0	2.0	2.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	23	3.0	
23	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	BA	BF	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	21	2.0	
24	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0	
25	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0	
26	BD	2.0	2.0	2.0	2.0	2.0	2.0	4.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	4.0	
27	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	2.0	3.0	4.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	4.0	
28	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	6.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	6.0	
29	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	3.0	4.0	5.0	4.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	5.0	
30	BD	2.0	2.0	2.0	2.0	2.0	4.0	13.0	6.0	3.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	23	13.0	
31																										0	
NO.:	30	30	30	30	30	30	30	28	28	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	4.0	3.0	5.0	4.0	5.0	9.0	13.0	6.0	4.0	6.0	4.0	5.0	5.0	5.0	4.0	4.0	4.0	3.0	3.0	2.0	2.0	3.0	3.0	3.0	3.0		
AVG:	1.93	1.90	1.97	1.83	2.07	2.57	2.80	2.39	2.25	2.33	2.27	2.40	2.43	2.37	2.43	2.20	2.13	2.03	1.93	1.87	1.93	1.97	2.00				

MONTHLY OBSERVATIONS: 686 MONTHLY MEAN: 2.17 MONTHLY MAX: 13.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-157-0099 POC: 1
 COUNTY: (157) Rockingham
 CITY: (00000) Not in a city
 SITE ADDRESS: 6371 NC 65 @ BETHANY SCHOOL
 SITE COMMENTS: UAM VALIDATION SITE/FORSYTH COUNTY MAX O3 DOWNWIND,CO,NOX,NMOC MAXIMUM O3 DOWNWIND
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 36.308889
 LONGITUDE: -79.859167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 277
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JULY 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	3.0	3.0	3.0	3.0	3.0	4.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	23	4.0
2	BD	2.0	2.0	2.0	2.0	2.0	3.0	3.0	2.0	3.0	3.0	3.0	3.0	4.0	4.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	4.0
3	BD	2.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	4.0	3.0	4.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	4.0
4	BD	2.0	2.0	2.0	2.0	3.0	3.0	3.0	2.0	2.0	4.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	4.0
5	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0
6	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	23	3.0
7	BD	2.0	2.0	2.0	2.0	2.0	2.0	BA	BF	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	21	3.0
8	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	2.0
9	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0
10	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	2.0
11	BD	3.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0
12	BD	2.0	3.0	2.0	2.0	2.0	2.0	3.0	5.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	5.0
13	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	2.0
14	BD	2.0	2.0	2.0	2.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	3.0	23	4.0	
15	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	23	3.0
16	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	2.0
17	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	2.0
18	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0
19	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0
20	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	2.0
21	BD	2.0	2.0	2.0	2.0	2.0	2.0	3.0	BA	BF	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	21	3.0
22	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	5.0	5.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	5.0
23	BD	2.0	2.0	2.0	2.0	2.0	2.0	3.0	7.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	4.0	2.0	2.0	2.0	2.0	2.0	2.0	23	7.0
24	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0
25	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	2.0
26	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	4.0	4.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	4.0
27	BD	2.0	2.0	2.0	2.0	2.0	2.0	3.0	4.0	5.0	5.0	3.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	23	5.0
28	BD	2.0	2.0	2.0	3.0	2.0	2.0	2.0	3.0	3.0	3.0	4.0	4.0	2.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	23	4.0
29	BD	4.0	4.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	4.0
30	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	2.0	6.0	3.0	3.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	23	6.0
31	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	5.0	10.0	10.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	10.0
NO.:		31	31	31	31	31	31	30	29	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		4.0	4.0	3.0	3.0	3.0	3.0	3.0	7.0	5.0	5.0	5.0	10.0	10.0	4.0	6.0	3.0	4.0	4.0	3.0	3.0	3.0	3.0	4.0	4.0		
AVG:		2.10	2.10	2.03	2.03	2.10	2.13	2.23	2.55	2.53	2.45	2.48	2.61	2.58	2.26	2.35	2.19	2.26	2.23	2.06	2.03	2.03	2.10	2.16			

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: 2.24 MONTHLY MAX: 10.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

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 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
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 LONGITUDE: -79.859167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 277
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS

REPORT FOR: AUGUST 2011

DURATION: 1 HOUR

COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT

UNITS: Parts per billion

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

MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	23	3.0
2	BD	2.0	2.0	3.0	5.0	6.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	6.0	5.0	5.0	5.0	5.0	4.0	3.0	2.0	2.0	2.0	2.0	2.0	23	6.0
3	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	BA	BF	4.0	5.0	4.0	4.0	4.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	21	5.0
4	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	2.0
5	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	2.0
6	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	2.0
7	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	5.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	5.0
8	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	4.0	3.0	2.0	2.0	2.0	2.0	2.0	23	4.0
9	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	2.0
10	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	5.0	2.0	2.0	2.0	2.0	2.0	23	5.0
11	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	23	4.0
12	BD	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0
13	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	2.0
14	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0
15	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	2.0
16	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	BA	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	22	3.0
17	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	23	3.0
18	BD	7.0	5.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	3.0	23	7.0	
19	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	5.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	5.0
20	BD	2.0	2.0	3.0	2.0	2.0	2.0	3.0	3.0	4.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	4.0
21	BD	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	3.0	3.0	4.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	23	4.0
22	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0
23	BD	2.0	2.0	2.0	2.0	7.0	18.0	11.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	4.0	4.0	3.0	23	18.0	
24	BD	3.0	3.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0
25	BD	2.0	2.0	2.0	2.0	3.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	4.0
26	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0
27	BD	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	4.0	23	4.0	
28	BD	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	4.0
29	BD	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0
30	BD	3.0	3.0	3.0	3.0	2.0	2.0	2.0	BA	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	4.0	3.0	2.0	2.0	2.0	2.0	2.0	22	4.0
31	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	2.0
NO.:		31	31	31	31	31	31	31	28	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		7.0	5.0	4.0	5.0	7.0	18.0	11.0	5.0	5.0	5.0	5.0	6.0	5.0	5.0	5.0	5.0	5.0	4.0	5.0	3.0	4.0	4.0	4.0	4.0		
AVG:		2.32	2.26	2.16	2.16	2.35	2.71	2.65	2.46	2.67	2.52	2.42	2.39	2.42	2.48	2.35	2.29	2.29	2.29	2.26	2.03	2.06	2.19	2.13			

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: 2.34 MONTHLY MAX: 18.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-157-0099 POC: 1
 COUNTY: (157) Rockingham
 CITY: (00000) Not in a city
 SITE ADDRESS: 6371 NC 65 @ BETHANY SCHOOL
 SITE COMMENTS: UAM VALIDATION SITE/FORSYTH COUNTY MAX O3 DOWNWIND,CO,NOX,NMOC MAXIMUM O3 DOWNWIND
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 36.308889
 LONGITUDE: -79.859167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 277
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS

REPORT FOR: SEPTEMBER 2011

DURATION: 1 HOUR

COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT

UNITS: Parts per billion

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

MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0
2	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	7.0	5.0	5.0	4.0	4.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	7.0
3	BD	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0
4	BD	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0
5	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	2.0
6	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	2.0
7	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	2.0
8	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	2.0
9	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0
10	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0
11	BD	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0
12	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0
13	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	BF	BF	2.0	2.0	2.0	3.0	3.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	21	3.0
14	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	6.0	9.0	5.0	4.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	9.0
15	BD	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0
16	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	2.0
17	BD	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0
18	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	2.0
19	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	2.0
20	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	4.0	3.0	3.0	2.0	2.0	2.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	23	4.0
21	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	2.0
22	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	4.0	4.0	4.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	4.0
23	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	4.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	4.0
24	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0
25	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	2.0
26	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	BA	BF	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	21	2.0
27	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	2.0
28	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	AZ	AZ	AZ	AZ	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	19	2.0
29	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	4.0	2.0	3.0	2.0	2.0	2.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	4.0
30	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	5.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	5.0
31																										0	
NO.:	30	30	30	30	30	30	30	30	27	27	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	5.0	7.0	9.0	5.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
AVG:	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.17	2.19	2.41	2.62	2.69	2.43	2.27	2.27	2.23	2.13	2.10	2.07	2.00	2.00	2.00	2.00	2.00	2.00		

MONTHLY OBSERVATIONS: 682 MONTHLY MEAN: 2.15 MONTHLY MAX: 9.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-157-0099 POC: 1
 COUNTY: (157) Rockingham
 CITY: (00000) Not in a city
 SITE ADDRESS: 6371 NC 65 @ BETHANY SCHOOL
 SITE COMMENTS: UAM VALIDATION SITE/FORSYTH COUNTY MAX O3 DOWNWIND,CO,NOX,NMOC MAXIMUM O3 DOWNWIND
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 36.308889
 LONGITUDE: -79.859167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 277
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: OCTOBER 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0
2	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	23	3.0
3	BD	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	3.0
4	BD	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0	4.0	3.0	23	4.0
5	BD	3.0	3.0	3.0	3.0	2.0	3.0	3.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	4.0
6	BD	2.0	2.0	2.0	2.0	2.0	2.0	BC	BC	BC	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	20	2.0
7	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	2.0	1.0	1.0	1.0	.0	.0	.0	.0	23	2.0
8	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
9	BD	.0	.0	.0	.0	.0	.0	.0	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	2.0
10	BD	.0	.0	1.0	3.0	1.0	1.0	3.0	4.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	23	4.0
11	BD	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
12	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
13	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
14	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	23	1.0
15	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
16	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	23	1.0
17	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	2.0	23	2.0
18	BD	2.0	1.0	.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	2.0
19	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
20	BD	.0	.0	.0	.0	.0	.0	.0	BF	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	1.0
21	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	2.0
22	BD	.0	.0	.0	.0	.0	.0	.0	2.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	23	2.0
23	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
24	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	23	6.0
25	BD	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	23	2.0
26	BD	1.0	1.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
27	BD	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	23	1.0
28	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
29	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	23	1.0
30	BD	1.0	1.0	1.0	1.0	.0	.0	.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	.0	.0	23	2.0
31	BD	13.0	20.0	23.0	8.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	23	23.0
NO.:		31	31	31	31	31	31	30	29	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		13.0	20.0	23.0	8.0	2.0	3.0	3.0	4.0	4.0	6.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0	4.0	3.0	
AVG:		1.00	1.19	1.26	.87	.55	.61	.73	1.07	.93	1.16	.97	.87	.94	.84	.87	.94	.71	.58	.58	.61	.55	.48	.45		

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: .82 MONTHLY MAX: 23.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-157-0099 POC: 1
 COUNTY: (157) Rockingham
 CITY: (00000) Not in a city
 SITE ADDRESS: 6371 NC 65 @ BETHANY SCHOOL
 SITE COMMENTS: UAM VALIDATION SITE/FORSYTH COUNTY MAX O3 DOWNWIND,CO,NOX,NMOC MAXIMUM O3 DOWNWIND
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 36.308889
 LONGITUDE: -79.859167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 277
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS

REPORT FOR: NOVEMBER 2011

DURATION: 1 HOUR

COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT

UNITS: Parts per billion

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

MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM		
1	BD	.0	.0	.0	.0	.0	.0	.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	23	2.0		
2	BD	.0	.0	.0	.0	.0	.0	.0	BA	BF	3.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	21	3.0		
3	BD	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	1.0		
4	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	23	1.0	
5	BD	.0	.0	.0	.0	1.0	2.0	3.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	3.0	
6	BD	.0	.0	.0	.0	2.0	1.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	2.0	
7	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.0	2.0	2.0	2.0	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	23	3.0	
8	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	3.0	2.0	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	3.0	
9	BD	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	1.0	2.0	1.0	1.0	.0	.0	.0	.0	23	2.0	
10	BD	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
11	BD	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	2.0	
12	BD	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	1.0	1.0	2.0	2.0	2.0	2.0	23	2.0	
13	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
14	BD	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
15	BD	1.0	1.0	1.0	1.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	23	1.0	
16	BD	.0	.0	.0	.0	.0	.0	.0	BA	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	0.0	
17	BD	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	23	1.0	
18	BD	.0	.0	.0	.0	.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	23	2.0	
19	BD	.0	.0	1.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	23	1.0	
20	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
21	BD	.0	.0	.0	.0	.0	.0	.0	2.0	5.0	4.0	4.0	3.0	2.0	1.0	2.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	5.0	
22	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
23	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	23	1.0	
24	BD	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	2.0	
25	BD	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
26	BD	1.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	23	1.0	
27	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
28	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
29	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
30	BD	.0	.0	.0	.0	.0	.0	.0	BA	BF	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	1.0	
31																										0		
NO.:	30	30	30	30	30	30	30	30	27	27	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30			
MAX:	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	5.0	4.0	4.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	2.0	1.0	2.0	2.0	2.0			
AVG:	.30	.20	.20	.17	.27	.27	.30	.59	.74	.80	.73	.63	.57	.37	.33	.30	.30	.27	.23	.27	.20	.20	.13					

MONTHLY OBSERVATIONS: 684 MONTHLY MEAN: .36 MONTHLY MAX: 5.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-157-0099 POC: 1
 COUNTY: (157) Rockingham
 CITY: (00000) Not in a city
 SITE ADDRESS: 6371 NC 65 @ BETHANY SCHOOL
 SITE COMMENTS: UAM VALIDATION SITE/FORSYTH COUNTY MAX O3 DOWNWIND,CO,NOX,NMOC MAXIMUM O3 DOWNWIND
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 36.308889
 LONGITUDE: -79.859167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 277
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS

REPORT FOR: DECEMBER 2011

DURATION: 1 HOUR

COLLECTION AND ANALYSIS METHOD: (009) INSTRUMENTAL PULSED FLUORESCENT

UNITS: Parts per billion

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

MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BD	.0	.0	.0	.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
2	BD	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	3.0	1.0	.0	.0	.0	1.0	.0	.0	1.0	1.0	1.0	1.0	1.0	23	3.0
3	BD	2.0	2.0	2.0	3.0	3.0	3.0	4.0	5.0	5.0	5.0	5.0	5.0	4.0	4.0	4.0	3.0	3.0	3.0	4.0	4.0	3.0	3.0	2.0	23	5.0	
4	BD	1.0	1.0	2.0	1.0	1.0	1.0	1.0	2.0	3.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	23	3.0	
5	BD	1.0	1.0	2.0	7.0	7.0	4.0	3.0	3.0	2.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	23	7.0	
6	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
7	BD	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.0	2.0	2.0	1.0	23	2.0	
8	BD	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	1.0	1.0	.0	1.0	1.0	23	1.0	
9	BD	1.0	1.0	1.0	1.0	1.0	.0	1.0	BA	BF	1.0	1.0	2.0	3.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	21	3.0	
10	BD	1.0	1.0	2.0	2.0	3.0	3.0	3.0	3.0	4.0	3.0	4.0	4.0	4.0	4.0	3.0	3.0	2.0	1.0	1.0	1.0	1.0	1.0	2.0	23	4.0	
11	BD	2.0	2.0	2.0	4.0	3.0	3.0	2.0	1.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	2.0	2.0	2.0	2.0	1.0	23	4.0	
12	BD	1.0	1.0	2.0	2.0	2.0	1.0	2.0	2.0	5.0	3.0	5.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	1.0	1.0	23	5.0	
13	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
14	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	23	2.0	
15	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
16	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
17	BD	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	23	1.0	
18	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
19	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	23	2.0	
20	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	23	1.0	
21	BD	1.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0	
22	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
23	BD	.0	.0	.0	.0	.0	1.0	.0	BA	BF	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	21	1.0	
24	BD	.0	.0	.0	1.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
25	BD	1.0	.0	.0	.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	23	2.0	
26	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
27	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	23	1.0	
28	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	23	1.0	
29	BD	1.0	.0	.0	.0	1.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	23	1.0	
30	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	2.0	
31	BD	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	23	1.0	
NO.:		31	31	31	31	31	31	31	29	29	31	31	31	31	31	31	31	31	31	31	31	31	31	31			
MAX:		2.0	2.0	2.0	7.0	7.0	4.0	4.0	5.0	5.0	5.0	5.0	5.0	4.0	4.0	4.0	3.0	3.0	3.0	4.0	4.0	3.0	3.0	3.0	2.0		
AVG:		.71	.65	.77	1.03	1.13	.94	.87	1.03	1.38	1.19	1.32	1.26	1.03	1.06	.94	.90	.87	.77	1.00	.97	.81	.87	.81			

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: .97 MONTHLY MAX: 7.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-183-0014 POC: 2
 COUNTY: (183) Wake
 CITY: (55000) Raleigh
 SITE ADDRESS: 3801 SPRING FOREST RD.
 SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (6639) RALEIGH, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
 LATITUDE: 35.856111
 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JANUARY 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	1.5	BD	.6	.5	.4	.3	.2	.3	.8	1.3	.8	.9	.7	.4	AE	AE	AE	AE	1.5	.6	.1	.0	.0	.0	19	1.5	
2	.0	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.0	.0	.4	.6	.2	.2	1.2	1.9	23	1.9	
3	4.3	BD	2.4	2.8	3.2	4.6	6.0	6.7	4.9	5.6	4.0	2.8	2.1	1.9	2.0	2.1	2.3	2.6	2.4	3.0	4.4	4.0	4.1	4.7	23	6.7	
4	4.1	BD	2.9	3.4	3.2	2.5	2.5	2.4	2.3	BF	BF	BF	1.5	1.8	3.2	4.7	3.7	2.6	4.6	3.3	2.6	3.9	5.4	2.1	20	5.4	
5	1.4	BD	.8	.8	.9	1.5	1.3	3.2	3.9	3.7	4.9	12.0	4.1	4.7	4.6	4.5	4.1	3.5	3.8	4.0	4.0	3.6	2.7	2.6	23	12.0	
6	1.9	BD	1.4	.7	.8	.7	.7	.7	1.1	1.6	1.5	1.3	1.1	1.0	1.1	1.4	1.6	1.9	3.1	2.4	2.0	2.0	1.6	1.3	23	3.1	
7	1.5	BD	.7	.5	.6	1.0	1.3	1.2	1.0	1.1	1.1	.8	.6	1.1	1.5	.7	.7	.7	.7	.8	1.4	1.1	1.4	1.5	23	1.5	
8	1.7	BD	.5	.3	.2	.2	.2	.3	.3	.7	.7	.6	.6	.6	.5	.4	1.5	1.4	.8	.9	1.0	.7	.8	1.2	23	1.7	
9	1.7	BD	2.1	AE	AE	2.1	1.9	1.9	2.2	2.3	1.9	1.7	1.6	1.9	2.3	2.1	1.8	1.6	1.6	1.4	1.4	1.6	1.6	1.5	21	2.3	
10	1.6	BD	2.6	2.4	2.1	2.0	1.8	1.7	2.1	2.2	2.0	2.1	2.2	1.8	1.9	1.6	1.5	1.7	1.7	1.6	1.4	1.1	1.2	1.3	23	2.6	
11	1.3	BD	4.0	6.5	6.3	4.0	5.0	4.7	2.8	2.2	1.8	1.6	1.5	1.7	1.6	1.2	1.1	1.3	1.0	1.2	.6	.5	.7	1.0	23	6.5	
12	1.0	BD	.7	.6	.5	.6	.9	1.2	1.8	2.2	2.4	2.3	2.2	1.9	1.6	1.4	1.3	1.2	1.1	1.2	1.2	1.4	1.9	1.8	23	2.4	
13	2.0	BD	3.2	3.3	3.3	2.8	2.5	2.4	2.4	3.0	3.3	3.4	3.5	3.1	3.2	2.8	2.4	1.9	2.0	2.1	2.9	3.0	3.1	4.2	23	4.2	
14	5.0	BD	4.0	5.1	5.6	5.2	4.7	4.2	4.0	2.9	2.9	2.8	2.8	3.8	2.8	2.3	1.9	1.8	3.5	3.9	4.4	3.1	4.5	5.0	23	5.6	
15	4.2	BD	4.1	3.0	3.5	4.0	3.2	3.0	3.0	4.9	13.9	4.1	3.7	3.1	3.6	4.5	4.6	4.0	2.6	2.4	2.2	2.1	2.0	2.6	23	13.9	
16	5.1	BD	2.5	1.4	1.5	1.7	1.2	1.2	2.1	2.2	3.0	4.7	4.0	3.1	2.1	2.3	2.7	3.1	2.8	2.4	2.3	3.0	2.2	1.8	23	5.1	
17	1.5	BD	.8	.7	1.1	1.2	1.0	1.0	1.4	1.9	1.8	1.8	1.7	1.7	1.7	1.8	2.0	2.2	1.7	1.1	.7	.6	.5	.4	23	2.2	
18	.4	BD	.4	.4	.3	.3	.5	.6	.7	BF	BF	BF	1.4	1.2	2.0	2.8	2.2	2.4	3.1	3.0	1.0	1.3	1.2	2.0	20	3.1	
19	.5	BD	.2	.2	.1	.2	.3	.5	.5	.6	.6	.8	1.0	.9	.9	1.0	.8	.6	.6	.7	.6	1.2	1.8	2.2	23	2.2	
20	2.0	BD	2.1	1.3	.8	1.0	1.0	1.7	1.7	1.8	1.8	1.7	2.3	2.2	2.1	2.3	3.4	2.2	3.0	2.8	2.5	2.0	1.3	.9	23	3.4	
21	.9	BD	3.9	1.5	1.2	1.2	1.9	2.2	1.9	1.5	1.0	.8	.6	.8	.8	.7	.6	.5	.6	1.1	1.3	2.0	1.4	1.2	23	3.9	
22	1.2	BD	1.6	1.7	1.7	2.3	2.5	1.9	1.8	1.8	1.7	1.7	1.7	1.8	2.3	3.2	3.2	2.4	2.1	2.2	2.0	2.7	3.9	3.6	23	3.9	
23	3.4	BD	2.6	3.6	3.8	3.4	3.7	3.2	2.0	1.8	1.1	1.0	1.1	1.0	.9	.9	.9	.9	1.8	1.5	.9	1.5	1.5	1.4	23	3.8	
24	1.4	BD	2.0	2.7	2.9	3.6	3.5	3.2	2.7	2.5	2.2	2.0	1.9	1.8	1.8	1.7	1.7	1.7	1.6	1.5	1.5	1.4	1.4	1.6	23	3.6	
25	1.5	BD	1.4	1.7	1.5	1.0	1.0	.9	1.4	1.8	2.1	2.5	2.5	2.2	1.8	1.8	1.7	1.5	1.4	.8	.8	.8	.5	.3	23	2.5	
26	.3	BD	.2	.1	.1	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.2	.1	.1	.3	.2	.2	.3	1.9	3.4	23	3.4	
27	4.4	BD	2.3	1.4	1.0	.7	.8	.8	1.1	1.0	1.1	1.1	1.0	1.0	1.1	.9	1.2	1.6	3.6	4.9	4.1	4.7	6.6	4.6	23	6.6	
28	3.4	BD	2.6	2.3	2.2	2.7	2.8	2.5	2.5	4.1	4.7	4.3	3.2	1.3	1.4	.9	.5	.6	.6	.6	.6	.5	.5	.5	23	4.7	
29	.6	BD	.6	.4	1.3	1.4	1.6	2.7	2.9	1.8	1.4	1.1	.8	.8	1.1	1.1	.8	.8	1.1	1.4	1.3	1.3	1.2	1.2	23	2.9	
30	1.3	BD	.7	.6	.5	.9	.9	1.3	5.5	2.8	2.6	2.5	3.3	2.3	AE	1.7	1.6	1.5	1.7	1.7	1.5	2.2	1.6	1.6	22	5.5	
31	1.4	BD	1.6	4.1	4.1	3.9	3.1	3.2	4.3	4.0	4.2	3.9	3.4	2.8	2.6	2.6	2.5	2.4	2.7	2.7	2.7	2.5	2.1	1.7	23	4.3	
NO.:	31		31	30	30	31	31	31	31	29	29	29	31	31	29	30	30	30	31	31	31	31	31	31	31		
MAX:	5.1		4.1	6.5	6.3	5.2	6.0	6.7	5.5	5.6	13.9	12.0	4.1	4.7	4.6	4.7	4.6	4.0	4.6	4.9	4.4	4.7	6.6	5.0			
AVG:	2.02		1.79	1.80	1.82	1.85	1.88	1.97	2.11	2.19	2.43	2.29	1.88	1.74	1.81	1.86	1.81	1.69	1.92	1.87	1.74	1.82	1.99	1.97			

MONTHLY OBSERVATIONS: 700 MONTHLY MEAN: 1.92 MONTHLY MAX: 13.9

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-183-0014 POC: 2
 COUNTY: (183) Wake
 CITY: (55000) Raleigh
 SITE ADDRESS: 3801 SPRING FOREST RD.
 SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (6639) RALEIGH, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
 LATITUDE: 35.856111
 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: FEBRUARY 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .0863

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	1.6	BD	1.0	.8	.6	.6	.5	.6	.9	1.0	BF	BF	BF	.7	.6	.5	.6	.9	2.6	7.1	4.7	1.7	1.1	.7	20	7.1	
2	.5	BD	.3	.2	.2	.2	.2	.2	.2	.2	AE	AE	AE	AE	AE	1.0	.2	.2	.2	.1	.4	.6	.8	.9	18	1.0	
3	1.0	BD	1.1	1.6	.9	.8	1.1	2.6	2.7	3.1	2.5	1.5	1.4	1.4	1.5	1.9	1.5	2.4	2.2	1.6	1.4	1.4	1.4	1.4	23	3.1	
4	1.3	BD	.8	.7	.7	.5	.4	.5	.5	.5	.5	.4	.4	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	23	1.3
5	.1	BD	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.3	.3	.3	.5	1.6	4.1	2.9	3.1	4.9	1.7	.4	23	4.9	
6	.3	BD	.2	.2	.3	.2	.5	1.2	1.0	1.7	1.7	.7	.7	1.1	1.4	1.0	.9	1.3	1.6	1.7	1.2	.6	1.1	1.3	23	1.7	
7	1.4	BD	1.9	2.1	2.3	2.4	2.1	3.3	3.4	2.9	2.8	1.3	.8	2.1	1.5	.8	.7	.7	.7	.7	.6	1.1	2.0	1.6	23	3.4	
8	1.9	BD	3.2	.8	.6	.5	.7	1.3	2.4	2.0	1.3	AZ	AZ	AZ	AZ	AZ	.5	.6	.7	.7	.6	.7	.6	1.1	18	3.2	
9	2.4	BD	1.6	1.4	1.3	1.2	1.2	1.6	1.7	1.5	1.5	1.8	2.3	2.0	2.0	2.5	2.4	1.8	1.4	1.1	1.1	1.0	1.1	1.2	23	2.5	
10	1.3	BD	1.3	1.9	2.0	1.5	1.0	.9	.9	1.0	1.2	1.3	1.1	.9	1.0	1.0	1.0	1.1	1.1	1.0	1.6	1.5	1.3	.8	23	2.0	
11	.6	BD	.4	.4	.4	1.1	1.4	2.0	3.1	AZ	AZ	AZ	AZ	AZ	.9	.9	1.0	1.0	2.6	1.8	2.2	1.9	1.4	1.8	18	3.1	
12	1.2	BD	1.7	1.2	1.4	1.9	1.8	2.3	1.9	1.5	1.3	1.1	.8	.7	.7	.7	.7	.7	1.0	1.4	1.1	2.1	1.1	1.2	23	2.3	
13	1.1	BD	2.3	2.9	2.4	3.0	4.0	3.9	3.1	1.9	1.2	1.3	3.8	1.4	2.7	1.1	.9	.9	.9	1.1	1.5	2.0	1.6	1.3	23	4.0	
14	1.1	BD	1.0	1.9	2.6	2.1	4.7	BF	BF	BF	BF	BA	BA	BA	BC	BC	BC	.4	.3	.4	.2	1.3	1.2	.0	13	4.7	
15	.1	BD	.1	.2	.2	.1	.5	.5	2.6	3.1	2.7	.5	.1	.0	.0	.0	.0	.2	1.1	.7	.6	.4	.3	.2	23	3.1	
16	.3	BD	.7	.4	.2	.5	.6	1.9	.8	.6	.4	.1	.0	.0	.0	.0	.0	.4	1.2	1.2	1.2	1.3	.9	.6	23	1.9	
17	1.6	BD	.0	.0	.0	.5	1.4	1.5	1.4	1.5	1.4	1.7	.5	.3	.6	.8	.0	.0	.0	.0	.0	-.2	-.2	-.2	23	1.7	
18	-.2	BD	.0	.0	.0	.0	.0	.0	.2	.2	.3	.3	.2	.1	.1	.0	.0	.0	.1	.0	-.2	.0	.0	-.2	23	.3	
19	.0	BD	.6	.5	.1	.1	.8	1.0	.7	.5	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	.8	2.1	23	2.1	
20	2.4	BD	2.5	2.3	1.1	1.5	1.6	1.7	1.8	1.7	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	23	2.5
21	.0	BD	.0	.0	.0	.0	.3	.6	.9	AZ	AZ	AZ	.5	.4	.3	.2	.0	.0	.0	-.1	-.2	.0	.0	-.2	20	.9	
22	-.1	BD	-.1	.6	.1	-.1	-.1	.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.2	-.2	-.2	.0	.0	.0	.0	23	.6
23	.0	BD	.2	.6	.9	1.5	1.4	1.7	1.3	1.3	1.1	.8	.6	.7	.8	.7	.7	.7	1.0	.9	.9	.6	.6	.4	23	1.7	
24	.2	BD	1.5	.3	.1	.0	.0	.3	.4	BF	BF	BF	.5	.6	.5	.5	.4	.3	.2	.2	.5	.4	.5	.4	.0	20	1.5
25	.0	BD	.0	.0	.0	.0	-.2	-.1	-.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.6	.7	.8	23	1.6	
26	1.4	BD	1.6	.9	.4	.3	.1	.1	.1	.1	.2	.3	.3	.3	.3	.3	.3	.4	.5	.7	.3	.0	.0	.0	23	1.6	
27	-.1	BD	-.2	-.2	.2	.7	.5	.6	1.4	1.1	.8	.5	.5	.4	.2	.1	.2	.4	.5	.3	.2	.0	.0	.0	23	1.4	
28	.0	BD	.3	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	-.1	-.2	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	23	.3
29																										0	
30																										0	
31																										0	
NO.:	28		28	28	28	28	28	27	27	24	22	21	23	24	25	26	27	28	28	28	28	28	28	28	28		
MAX:	2.4		3.2	2.9	2.6	3.0	4.7	3.9	3.4	3.1	2.8	1.8	3.8	2.1	2.7	2.5	2.4	2.4	4.1	7.1	4.7	4.9	2.0	2.1			
AVG:	.76		.86	.79	.69	.76	.95	1.13	1.23	1.15	1.00	.68	.65	.56	.62	.56	.47	.57	.85	.91	.84	.90	.72	.63			

MONTHLY OBSERVATIONS: 610 MONTHLY MEAN: .79 MONTHLY MAX: 7.1

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-183-0014 POC: 2
 COUNTY: (183) Wake
 CITY: (55000) Raleigh
 SITE ADDRESS: 3801 SPRING FOREST RD.
 SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (6639) RALEIGH, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
 LATITUDE: 35.856111
 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT:

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

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43

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

REPORT FOR: MARCH 2011

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: .0863

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	-.2	BD	-.2	-.2	-.2	-.1	-.2	.1	.0	-.1	-.2	-.2	-.1	-.1	-.1	.0	.1	.0	.3	.2	.0	.0	.0	.0	.0	23	.3
2	-.1	BD	-.2	-.2	-.2	-.2	.1	3.1	2.6	1.8	.7	.7	2.0	.3	.4	.5	.7	.7	1.6	4.3	1.9	2.3	2.5	1.4	.5	23	4.3
3	2.6	BD	.9	.8	.9	1.0	.8	.7	.9	.8	.8	.4	.3	.2	.0	.0	.1	.0	.0	.2	.0	.0	.2	.5	.5	23	2.6
4	.3	BD	.1	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.2	.4	.0	.0	.0	-.1	-.2	.5	23	.4
5	-.2	BD	-.2	-.2	-.2	-.2	-.2	-.2	.0	2.2	1.1	.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	23	2.2
6	-.2	BD	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.4	.4	.7	.7	23	.7
7	.7	BD	.6	.6	.5	.3	.3	.9	1.5	.8	.0	.0	-.1	-.1	-.1	-.1	.0	.0	-.1	-.1	.0	.1	-.2	-.2	.5	23	1.5
8	-.1	BD	.0	.0	.6	.5	.8	.8	1.0	1.0	.6	.4	.2	.1	.0	.0	.0	.1	.2	.2	.3	.0	.0	-.1	.1	23	1.0
9	-.1	BD	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.3	1.0	.0	-.2	-.2	23	1.0
10	-.2	BD	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	BF	BF	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	21	-.1
11	-.2	BD	-.2	-.2	-.1	-.1	.0	.2	.3	.3	.0	.0	.0	-.1	-.2	-.2	-.2	-.2	-.2	.1	.8	.1	-.2	-.2	.5	23	.8
12	-.1	BD	-.1	-.1	.0	.0	.0	.2	.2	2.2	5.3	1.4	.1	.0	.0	.0	.0	.2	.7	.2	.1	.3	.3	.3	.3	23	5.3
13	.4	BD	1.2	3.7	7.3	7.0	4.4	3.2	2.0	.6	.4	.3	.2	.1	.1	.0	.0	.0	.1	1.2	1.6	.1	.1	.4	.4	23	7.3
14	1.7	BD	.2	.3	.4	.5	.2	.4	.3	.1	.2	.3	.1	.1	.2	.4	.5	.5	.3	.2	.1	.0	.0	.2	.2	23	1.7
15	.3	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	23	.3
16	-.2	BD	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.0	.0	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.0	1.7	.6	.6	23	1.7
17	-.1	BD	.0	-.1	-.1	-.1	-.1	1.4	.7	.1	.0	.2	.1	.0	.2	.4	.2	.0	.0	.3	1.1	.7	.1	.0	.0	23	1.4
18	-.1	BD	-.1	.0	.0	.0	1.0	4.8	7.5	3.8	3.0	1.5	.3	.2	.3	.1	.0	.1	.7	4.8	1.7	5.1	12.0	6.4	.5	23	12.0
19	4.9	BD	.5	.6	.0	-.2	.0	-.1	-.2	-.2	-.2	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.2	.3	.2	.1	.1	.1	23	4.9
20	.0	BD	-.2	-.1	-.2	-.2	-.2	-.1	1.0	1.2	.3	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	.0	.7	.7	23	1.2
21	.2	BD	-.2	-.2	-.2	-.1	.0	.3	.7	.3	.4	1.5	.1	1.2	1.1	1.1	1.5	1.9	.1	1.8	.3	.6	.0	-.2	.5	23	1.9
22	-.2	BD	-.2	-.1	-.1	.0	.1	.1	.2	.4	.2	.0	.0	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	23	.4
23	-.2	BD	-.2	.0	-.2	-.2	-.2	-.2	-.2	.0	.7	.9	.8	.4	.4	.0	.0	.4	1.7	.1	-.2	-.2	-.2	-.2	-.2	23	1.7
24	-.2	BD	-.2	-.2	-.2	-.2	-.2	-.2	BF	BC	BC	BC	.2	.2	.3	.3	.6	.5	.2	.4	.4	.4	.7	.3	.3	19	.7
25	.4	BD	.4	.3	.4	.8	.7	.9	.7	.7	.7	.7	.7	.7	.8	1.0	1.1	1.0	1.0	.8	.6	.7	.5	.7	.7	23	1.1
26	.4	BD	1.5	1.2	.9	.8	.6	1.1	1.6	1.6	1.4	1.2	1.3	1.0	.7	.6	.5	.3	.3	.3	.3	.2	.2	.1	.1	23	1.6
27	.1	BD	.2	.2	.1	.1	.1	.3	.4	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.4
28	.1	BD	.1	.1	.1	.1	.3	1.3	1.0	.7	.7	.7	.7	.7	.8	.8	.7	.9	.8	.6	.5	.5	.5	.5	.5	23	1.3
29	.2	BD	.7	.8	.9	1.7	2.7	2.8	2.4	1.7	1.5	1.2	1.2	1.4	1.4	1.4	1.5	1.3	1.1	1.0	.9	.7	.5	.7	.7	23	2.8
30	.6	BD	.3	.6	1.0	.7	.6	.5	.3	.2	.1	.1	.1	.1	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	23	1.0
31	.0	BD	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
NO.:	31		31	31	31	31	31	31	30	30	29	29	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	4.9		1.5	3.7	7.3	7.0	4.4	4.8	7.5	3.8	5.3	1.5	2.0	1.4	1.4	1.4	1.5	1.9	1.7	4.8	1.9	5.1	12.0	6.4			
AVG:	.34		.13	.22	.34	.35	.35	.70	.81	.66	.60	.38	.24	.17	.17	.16	.19	.22	.26	.51	.35	.37	.60	.37			

MONTHLY OBSERVATIONS: 707 MONTHLY MEAN: .37 MONTHLY MAX: 12.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-183-0014 POC: 2
 COUNTY: (183) Wake
 CITY: (55000) Raleigh
 SITE ADDRESS: 3801 SPRING FOREST RD.
 SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (6639) RALEIGH, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
 LATITUDE: 35.856111
 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: APRIL 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .0863

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.0	BA	.0	.1	.3	.9	1.3	1.8	2.3	2.1	2.0	4.4	5.5	1.1	.5	.6	.4	.6	.6	.7	.9	1.0	.9	1.0	23	5.5
2	2.1	BA	2.4	2.0	2.0	.8	.6	.5	.5	.4	.3	.2	.2	.1	.1	.2	.2	.2	.2	.2	.2	.2	.4	.4	23	2.4
3	.4	BA	.6	.5	.4	.6	.8	1.3	1.9	4.1	2.6	1.2	.7	.6	.6	1.5	1.2	.6	.8	.8	.5	.4	.4	23	4.1	
4	.4	BA	.7	.7	.6	.8	1.1	1.4	1.5	1.4	1.3	1.2	1.2	1.2	1.1	.7	.7	.6	.5	.4	.3	.3	.2	23	1.5	
5	.2	BA	.1	.0	.0	.0	.0	.0	.0	.2	.3	.4	.3	.1	.1	.0	.1	.2	.2	.2	.3	.3	.3	.4	23	.4
6	.4	BA	.4	.4	.3	1.0	2.8	2.5	1.2	.8	1.2	4.4	2.6	1.6	.7	.5	.7	.4	.4	.5	.4	.4	.5	.6	23	4.4
7	.6	BA	.5	.4	.3	.6	1.2	2.7	BF	BF	1.0	.9	.8	.7	.8	1.4	1.2	.7	.9	1.1	1.1	.9	.8	.7	21	2.7
8	.6	BA	.3	.2	.2	.6	1.2	.5	.5	.5	.7	1.2	1.3	.8	1.1	1.4	1.1	.6	.4	.2	.3	.3	.1	.1	23	1.4
9	.0	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
10	.0	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	.1	23	.3
11	.0	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.2	.1	.2	.4	.4	.5	.6	.2	.1	.1	.2	23	.6
12	.3	BA	.3	.4	.3	.3	.4	.4	.3	.2	.2	.3	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	23	.4
13	.0	BA	.5	.4	.4	.7	1.0	1.6	1.7	1.5	1.5	1.4	1.2	.9	.7	.6	.6	.6	1.2	1.5	1.1	.5	.3	.3	23	1.7
14	.2	BA	.0	.0	.1	.5	.6	.8	.4	1.1	1.7	1.5	1.2	1.2	1.5	1.3	1.3	1.2	1.1	.9	.9	.7	.4	.6	23	1.7
15	.3	BA	.4	.1	.0	.1	.3	.5	.6	.7	.5	.4	.4	.4	.3	.2	.2	.4	.3	.3	.1	.0	.1	.1	23	.7
16	.1	BA	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	AV	AV	.4	.1	.1	.1	.1	.0	.0	21	.4
17	.0	BA	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.4	.6	.4	.3	.2	23	.6
18	.2	BA	.2	.2	.3	.4	.5	1.3	1.1	.7	.6	.4	.4	.4	.5	.6	.5	.5	.3	.3	.2	.2	.2	.3	23	1.3
19	.4	BA	.3	.2	.1	.2	.5	.9	1.0	1.0	.9	.8	.9	.8	.9	.8	.6	.5	.5	.6	.5	.5	.4	.6	23	1.0
20	.9	BA	.3	.1	.0	.0	.1	.2	.3	.3	.3	.3	.4	.4	.3	.2	.2	.2	.2	.2	.2	.2	.2	.1	23	.9
21	.2	BA	.1	.2	.1	.3	1.1	.8	BF	BF	BF	.4	.3	.4	.6	.6	.6	.6	.6	.5	.3	.2	.3	.3	20	1.1
22	.2	BA	.1	.2	.1	.1	.1	.2	.3	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
23	.0	BA	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	23	.1
24	.0	BA	.0	.0	.0	.0	.1	.4	.4	.3	.2	.3	.3	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.4
25	.0	BA	.0	.0	.0	.0	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
26	.0	BA	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	-.1	23	0.0
27	-.1	BA	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	23	0.0
28	-.1	BA	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
29	.0	BA	.1	.1	.1	.2	.5	.6	.2	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.3	.5	.7	.3	.2	23	.7
30	.5	BA	.5	.4	.0	.0	.2	.4	.6	.7	.6	.4	.3	.3	.3	.6	.7	.4	.4	.5	.4	.1	.1	.0	23	.7
31																									0	
NO.:	30		30	30	30	30	30	30	28	28	29	30	30	30	30	29	29	30	30	30	30	30	30	30		
MAX:	2.1		2.4	2.0	2.0	1.0	2.8	2.7	2.3	4.1	2.6	4.4	5.5	1.6	1.5	1.4	1.5	1.2	1.2	1.5	1.1	1.0	.9	1.0		
AVG:	.26		.25	.21	.18	.27	.49	.64	.54	.59	.57	.69	.62	.40	.36	.38	.39	.33	.30	.35	.32	.26	.21	.22		

MONTHLY OBSERVATIONS: 683 MONTHLY MEAN: .38 MONTHLY MAX: 5.5

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide
 SITE ID: 37-183-0014 POC: 2
 COUNTY: (183) Wake
 CITY: (55000) Raleigh
 SITE ADDRESS: 3801 SPRING FOREST RD.
 SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (6639) RALEIGH, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
 LATITUDE: 35.856111
 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MAY 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .0863

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.1	BD	.0	.0	.0	.0	.4	.3	.4	.4	.4	.4	.3	.4	.5	.3	.3	.3	.3	.1	.1	.1	.1	.0	23	.5
2	.0	BD	.0	.0	.0	.0	.1	.7	.9	.6	.3	.1	.1	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	23	.9
3	.0	BD	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.1	.0	.0	.0	.0	23	.2
4	.0	BD	.2	.0	.0	.0	.0	.0	.0	.0	.1	.4	.3	.2	.1	.0	.0	.1	.0	.0	.1	.2	.3	.5	23	.5
5	.8	BD	.7	.8	.7	.5	1.4	1.8	1.4	BF	BF	.2	.2	.3	.7	.7	.4	.3	.2	.2	.4	.4	.2	.2	21	1.8
6	.3	BD	.1	.1	.1	.3	.6	.6	.7	.9	.7	.6	.5	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.9
7	.0	BD	.0	.0	.0	.0	.1	.4	.6	.5	.3	.2	.1	.1	.1	.1	.1	.1	.0	.2	.2	.2	.2	.1	23	.6
8	.0	BD	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.0	23	.2
9	.0	BD	.0	.0	.1	.1	.3	.8	.2	.3	.5	.6	.2	.1	.2	.2	.0	.0	.1	.3	.1	.0	.0	.0	23	.8
10	.0	BD	.0	.0	.0	.1	.8	.9	.8	.6	.5	.5	.4	.4	.4	.3	.4	.4	.3	.3	.4	.5	.2	.0	23	.9
11	.0	BD	.0	.0	.0	.1	.4	.3	.3	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.3	.1	.1	.0	23	.4
12	.0	BD	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	-.1	23	.2
13	-.1	BD	.0	.0	.0	.0	.1	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	23	.3
14	-.1	BD	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.1	.1	.2	.4	.1	.0	.0	-.1	.0	-.1	-.1	-.1	-.1	23	.4
15	-.1	BD	-.1	-.1	-.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	-.1	-.1	-.1	23	.1
16	-.1	BD	-.1	-.1	.0	.0	.3	.3	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	23	.3
17	.0	BD	.1	.1	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	-.1	23	.3
18	-.1	BD	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
19	.0	BD	.0	.0	.0	.0	.4	.6	BF	BF	.9	.3	.2	.2	.3	.3	.2	.0	.0	.0	.0	.1	.1	.0	21	.9
20	.1	BD	.3	.2	.3	.5	1.4	1.9	1.2	.7	.8	.6	.5	.3	.1	.1	.0	.0	.0	.0	.3	.4	.3	.6	23	1.9
21	.5	BD	.3	.3	.0	.1	.8	.6	.4	.5	.2	.1	.1	.1	.3	.8	.6	1.1	.9	.6	.5	.3	.3	.3	23	1.1
22	.2	BD	.1	.1	.1	.2	.3	.2	.1	.2	.3	.3	.2	.2	.1	.1	.1	.1	.2	.1	.1	.5	.6	.2	23	.6
23	.0	BD	-.1	-.1	-.1	-.1	.0	.0	.0	.1	.1	.2	.3	.3	.3	.5	.6	.3	.3	.3	.0	.0	.0	.0	23	.6
24	.0	BD	.5	.5	.5	.8	1.3	2.5	3.8	2.9	1.3	.4	.3	.1	.3	.2	.1	.0	.0	.0	.9	.6	.3	.3	23	3.8
25	.1	BD	.0	.0	.0	.0	.0	.2	.3	.3	.5	.5	.7	.6	.4	.4	.2	.4	.6	.5	.7	.9	1.0	.9	23	1.0
26	1.0	BD	.8	.7	.9	1.0	1.3	1.4	AZ	AZ	AZ	AZ	.7	.7	.6	.4	.5	.4	.1	.0	.0	.0	.0	.0	19	1.4
27	.0	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	.0	.0	.0	.0	-.1	-.1	-.1	-.1	23	0.0
28	-.1	BD	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	.0	.0	-.1	.0	.0	-.1	-.1	23	0.0
29	-.1	BD	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	23	.1
30	.0	BD	.1	.1	.0	.0	.3	1.3	.8	.5	.4	.2	.2	.2	.1	.1	.1	.1	.2	.2	.2	.2	.1	.0	23	1.3
31	.0	BD	.0	.0	.1	.3	.8	.8	.4	.4	.8	.7	.4	.6	.6	.6	.8	.5	.4	.4	.4	.8	.5	.4	23	.8
NO.:	31		31	31	31	31	31	31	29	28	29	30	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	1.0		.8	.8	.9	1.0	1.4	2.5	3.8	2.9	1.3	.7	.7	.7	.8	.8	.8	1.1	.9	.6	.7	.9	1.0	.9		
AVG:	.08		.09	.08	.07	.12	.35	.52	.44	.35	.30	.23	.20	.18	.19	.18	.15	.15	.13	.12	.13	.17	.14	.09		

MONTHLY OBSERVATIONS: 705 MONTHLY MEAN: .19 MONTHLY MAX: 3.8

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-183-0014 POC: 2
 COUNTY: (183) Wake
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 SITE ADDRESS: 3801 SPRING FOREST RD.
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 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (6639) RALEIGH, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
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 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JUNE 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .0863

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	.1	BD	.0	.0	.3	.5	1.7	.5	1.5	BF	1.0	1.1	1.0	.8	.7	.7	.8	.5	.4	.4	.3	.2	.1	.1	22	1.7	
2	.2	BD	1.6	1.5	.8	.6	.8	1.1	1.3	BF	BF	1.4	1.2	1.2	1.0	.6	.6	.7	.9	.7	.4	.3	.3	.4	21	1.6	
3	1.4	BD	.7	.7	.9	1.0	1.2	1.3	1.2	1.1	1.0	1.0	1.0	1.1	1.3	1.2	.8	.8	.7	.5	.5	.5	.4	.3	23	1.4	
4	.2	BD	.3	.2	.2	.2	1.6	.8	.5	.3	.4	.4	.5	.6	1.4	1.3	1.1	.8	.7	.6	.6	.6	.7	.7	23	1.6	
5	.5	BD	1.3	1.7	1.6	2.0	2.6	2.4	1.0	.6	.5	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	2.6	
6	.0	BD	.0	.0	.1	.3	.4	.5	.7	.5	.5	.5	.5	.5	.2	.1	.2	.2	.1	.0	.0	.0	.0	.0	23	.7	
7	.0	BD	.0	.1	.0	.1	.2	.5	.5	.4	.4	.4	.3	.3	.4	.5	.4	.3	.3	.3	.2	.2	.2	.2	23	.5	
8	.2	BD	.3	.3	.3	.5	1.6	2.4	2.3	BA	1.4	1.1	.7	.6	.3	.2	.0	.0	-1.1	.0	.1	.4	.6	.4	22	2.4	
9	.4	BD	.6	.5	.6	.6	.9	2.6	4.2	7.0	3.4	BC	BC	BC	2.3	.6	.5	.4	.3	.4	.4	.5	.5	.5	20	7.0	
10	.5	BD	.5	.5	.5	.7	3.1	4.3	2.0	3.0	2.5	2.3	3.0	4.2	4.0	.8	.5	1.8	.7	.4	.1	.0	.0	.0	23	4.3	
11	.1	BD	.2	.1	.1	.2	.3	.6	1.5	2.6	1.9	.9	.7	.6	.5	.4	.4	.4	.1	.0	.0	.0	.0	.0	23	2.6	
12	.0	BD	.0	.0	.0	.0	.2	.3	.6	.5	.4	.3	.4	.5	1.8	1.5	1.6	1.6	.4	.0	.0	.0	.0	.0	23	1.8	
13	.0	BD	1.3	1.6	.4	.2	.4	.8	.8	.8	.6	.4	.2	.2	.2	.1	.2	.1	.2	.1	.2	.1	.2	.1	23	1.6	
14	.5	BD	.5	.6	.6	.5	.5	.4	.5	.4	.5	.5	1.0	1.4	1.6	1.5	1.0	1.8	1.8	1.4	.7	.5	.4	.3	23	1.8	
15	.7	BD	1.0	.7	.7	.6	1.0	1.2	.9	.6	.5	.4	.3	.3	.2	.2	.2	.1	.3	.4	.2	.2	.2	.2	23	1.2	
16	.1	BD	.2	1.0	1.2	1.4	1.2	1.1	.8	.4	.3	.2	.2	.1	.1	.3	.2	.2	.1	.4	1.2	.7	.3	23	1.4		
17	.2	BD	.1	.1	.1	.1	.9	2.5	3.1	1.5	.7	.5	.7	.7	.6	.7	.7	.8	3.7	3.2	2.2	1.1	.8	.6	23	3.7	
18	.4	BD	.4	.4	.4	.5	.7	5.3	2.9	2.8	4.3	2.2	1.5	3.1	2.2	1.0	.2	.2	.1	.0	.0	.0	.0	.0	23	5.3	
19	.0	BD	.0	.1	.1	.3	.8	.9	.7	.4	.2	.1	.2	.2	.2	.1	.2	.1	.1	.1	.0	.1	.2	.6	23	.9	
20	1.3	BD	.0	.0	.0	.1	.3	.4	.5	.6	1.3	2.1	.6	.5	.9	1.1	.5	.1	.1	.1	.1	.1	.1	.1	23	2.1	
21	.1	BD	.0	.0	.0	.0	.1	1.9	BF	BF	2.5	2.4	2.1	1.3	.8	.7	.7	.7	2.2	2.7	.2	.0	.0	.0	21	2.7	
22	2.9	BD	.1	.9	1.1	.4	.2	.2	.1	.2	.4	.6	1.3	1.3	2.9	1.4	.8	.5	.3	.2	.0	.0	.0	.1	23	2.9	
23	.1	BD	1.0	.4	.2	.5	2.1	1.7	2.2	2.6	.3	.2	.2	.3	.2	.2	.1	.0	.0	.0	.1	.1	.1	.0	23	2.6	
24	.0	BD	.2	.3	.5	1.0	1.9	2.5	2.5	1.8	.9	1.2	1.6	.4	.5	.3	.1	.1	.1	.1	.2	.2	.3	.7	23	2.5	
25	.4	BD	.5	.8	.8	1.0	1.2	.7	.5	.5	.3	.3	.3	.3	.4	.4	.3	.2	.2	.2	.2	.2	.3	.2	23	1.2	
26	.2	BD	.3	.5	.4	.5	.9	.7	.3	.2	.3	.3	.4	.4	.5	.5	.9	1.2	.4	.3	.5	.6	.4	.3	23	1.2	
27	.3	BD	.1	.1	.0	.1	.2	.4	.6	.7	.6	.5	.4	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	23	.7	
28	.0	BD	.1	.0	.0	.2	.5	4.0	2.4	2.8	3.6	1.2	.8	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	23	4.0	
29	.0	BD	.0	.0	.0	.0	.0	.1	.0	.2	.5	.7	.8	.9	.7	.8	1.1	.5	.5	.5	.5	.6	.5	.5	23	1.1	
30	.3	BD	.6	.6	.3	.5	1.1	1.6	3.2	4.5	3.8	2.6	1.6	1.4	1.2	1.0	.9	.8	.9	.9	1.3	.7	.6	.4	23	4.5	
31																										0	
NO.:	30		30	30	30	30	30	30	29	26	29	29	29	29	30	30	30	30	30	30	30	30	30	30			
MAX:	2.9		1.6	1.7	1.6	2.0	3.1	5.3	4.2	7.0	4.3	2.6	3.0	4.2	4.0	1.5	1.6	1.8	3.7	3.2	2.2	1.2	.8	.7			
AVG:	.37		.40	.46	.41	.49	.95	1.46	1.36	1.42	1.21	.90	.81	.82	.91	.61	.51	.51	.52	.45	.32	.28	.25	.24			

MONTHLY OBSERVATIONS: 681 MONTHLY MEAN: .67 MONTHLY MAX: 7.0

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 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

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 LOCATION SETTING: SUBURBAN

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 ELEVATION-MSL: 100
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JULY 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .0863

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.4	BD	.4	.4	.3	.3	.8	.7	1.1	1.3	.9	.9	.7	.7	.8	.8	.7	.6	.8	.6	.7	.5	.3	23	1.3	
2	.3	BD	.2	.1	.1	.0	.2	.6	1.1	.9	1.0	.7	.6	.6	.5	.4	.4	.4	.4	.4	.5	.5	.4	.3	23	1.1
3	.2	BD	.2	.2	.3	.4	.6	1.3	2.8	2.5	3.2	3.9	3.8	4.3	2.0	1.1	1.4	1.1	.5	.5	.5	.5	.6	23	4.3	
4	.7	BD	.4	.4	.7	.7	1.1	1.5	1.9	3.4	4.2	2.0	1.1	1.0	.6	.4	.5	.7	.0	.0	.1	.1	.1	.0	23	4.2
5	.0	BD	.0	.0	.0	.0	.6	.8	BF	BF	BF	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20	.8
6	.1	BD	.1	.0	.1	.1	.1	.5	.5	.3	.2	.1	.1	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.5
7	.0	BD	.0	.0	.0	.0	.4	1.3	1.3	1.3	1.7	1.1	.4	.2	.1	.0	.0	.3	.3	.0	.4	.0	.0	.2	23	1.7
8	.1	BD	.0	.0	.0	.1	.2	.8	.7	.6	.7	.2	.0	.0	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1	23	.8
9	.1	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.1	.0	.3	23	.3
10	.6	BD	.1	.0	.0	.2	.2	.1	.1	.2	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	23	.6
11	.1	BD	.4	.4	.3	.2	.3	.3	.3	.2	.2	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
12	.3	BD	1.1	2.2	1.5	.7	.8	2.2	1.6	1.5	.5	.2	.1	.0	.2	.3	.3	.4	.5	.6	.5	.4	.9	.9	23	2.2
13	.8	BD	3.3	3.2	2.3	1.5	1.1	1.1	1.2	1.3	1.5	1.5	1.5	1.2	1.1	1.2	.5	.1	.1	.3	.0	.0	.0	.0	23	3.3
14	.0	BD	.1	.2	.2	.4	.7	.4	.3	.2	.2	.3	.5	.4	.4	.4	.4	.5	.5	.3	.2	.4	.4	1.1	23	1.1
15	.5	BD	.1	.1	.0	.0	BA	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	22	.5
16	.1	BD	.0	.0	.0	.0	.2	.5	.2	.2	.1	.1	.1	.1	.1	.2	.2	.2	.1	.1	.1	.1	.1	.1	23	.5
17	.1	BD	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.1	.2	.3	.7	.7	.3	.1	.1	.1	.2	.3	23	.7
18	.7	BD	.8	.5	.2	.2	.7	.8	.7	2.5	2.8	1.6	.9	.8	.9	.7	.6	1.1	.7	.4	.4	1.1	16.3	8.5	23	16.3
19	.4	BD	.6	.7	.7	2.4	4.0	1.6	.8	BF	BF	.8	.7	.5	.3	.3	.2	.3	.4	.6	.5	.4	.3	.2	21	4.0
20	.1	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.2	.2	.1	.8	1.7	1.8	23	1.8
21	1.6	BD	.3	.1	.0	.1	.4	.6	.1	.0	.0	.9	.7	.5	.9	.3	.1	.2	.2	.3	1.1	.5	.2	.2	23	1.6
22	.5	BD	.7	.7	.8	.9	3.8	5.5	2.9	5.9	4.0	.7	1.1	2.7	2.1	1.3	1.8	.9	.3	.3	.9	.8	.6	.5	23	5.9
23	.4	BD	.7	.7	1.6	3.6	2.0	1.0	.5	.4	1.3	1.0	.5	.4	.2	.5	.3	.3	.1	.1	.2	.1	.3	.5	23	3.6
24	.6	BD	.6	1.9	.5	.9	.7	.1	.0	.0	.0	.0	.0	.1	.8	.6	4.7	12.4	4.4	.0	.0	.0	1.8	2.2	23	12.4
25	.6	BD	.0	.5	2.0	.3	3.8	2.6	1.1	.4	1.2	.8	1.7	.8	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	23	3.8
26	.0	BD	.3	.1	.0	.1	.2	.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
27	.0	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.3	.3	.5	.5	.3	23	.5
28	.1	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.5	.9	1.2	1.6	1.0	1.0	.2	.1	.9	2.8	4.5	23	4.5
29	12.7	BD	.4	.6	.5	.4	.3	.8	.8	1.1	1.0	.6	.6	.4	.4	.6	.5	.3	1.5	2.9	1.0	.8	.5	.6	23	12.7
30	.5	BD	.5	.6	.6	1.0	1.6	1.9	1.2	.9	.8	.6	.6	.6	.5	.4	.1	.0	.0	.0	.0	.0	.0	.0	23	1.9
31	.0	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
NO.:	31		31	31	31	31	30	31	30	29	29	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	12.7		3.3	3.2	2.3	3.6	4.0	5.5	2.9	5.9	4.2	3.9	3.8	4.3	2.1	1.3	4.7	12.4	4.4	2.9	1.1	1.1	16.3	8.5		
AVG:	.73		.37	.44	.41	.47	.83	.89	.73	.88	.89	.60	.55	.53	.44	.38	.52	.72	.42	.28	.25	.29	.91	.76		

MONTHLY OBSERVATIONS: 707 MONTHLY MEAN: .57 MONTHLY MAX: 16.3

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-183-0014 POC: 2
 COUNTY: (183) Wake
 CITY: (55000) Raleigh
 SITE ADDRESS: 3801 SPRING FOREST RD.
 SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (6639) RALEIGH, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
 LATITUDE: 35.856111
 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: AUGUST 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	.0	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.3	.3	.3	.3	.3	.3	23	.4
2	.2	BD	.3	.3	.4	.4	1.3	1.8	1.9	BF	BF	1.8	2.1	2.2	1.9	1.6	1.5	1.4	1.5	1.2	1.0	.9	1.0	1.0	1.0	21	2.2
3	1.0	BD	1.4	1.7	1.8	1.5	1.5	1.6	1.6	1.6	2.1	1.8	1.8	1.1	2.8	1.4	.8	.9	.8	1.0	1.5	1.1	.6	.3	23	2.8	
4	3.8	BD	.9	.5	.5	.5	.8	2.5	6.3	3.5	.8	.3	.2	.3	.3	.2	.2	.1	.2	.1	.2	.5	.8	.6	23	6.3	
5	.3	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
6	.0	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
7	.0	BD	.0	.0	.0	.0	.0	.2	.4	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	23	.4
8	.7	BD	1.9	.5	.3	.2	.4	.3	.1	.0	.1	.2	.2	.3	.4	.3	.1	.2	.2	.2	.1	.1	.1	.1	.1	23	1.9
9	.6	BD	.5	.4	.6	.7	1.0	1.3	1.6	BA	BA	BA	.1	.1	.2	.1	.1	.1	.1	.4	.3	.3	.3	.3	.3	20	1.6
10	.2	BD	.6	.6	.6	.7	1.1	2.2	1.3	.9	.8	.7	.6	.7	.3	.2	.5	2.0	1.3	.9	.5	.4	.4	.4	.4	23	2.2
11	.3	BD	.3	.5	1.5	1.4	1.1	1.0	1.1	.9	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	.9	.7	.6	.7	.7	.6	23	1.5	
12	.5	BD	.3	.2	.2	.3	.4	.4	.5	.5	.5	.5	.4	.3	.2	.3	.3	.6	.8	.2	.2	.1	.9	3.8	23	3.8	
13	2.6	BD	1.1	.6	.3	.2	.7	1.6	2.0	3.3	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	3.3
14	.0	BD	.0	.0	.0	.0	.0	.0	.1	.5	.1	.0	.0	.0	.0	.0	.1	.2	.3	.9	.1	.0	.0	.0	.0	23	.9
15	.0	BD	.0	.0	2.0	1.1	.2	.6	.9	.6	.6	.6	.2	.2	.7	.8	.9	.4	.2	.2	.2	.1	.3	.6	23	2.0	
16	.5	BD	.3	.3	.4	.5	.9	AZ	AZ	AZ	AZ	BA	BA	BA	.3	.5	.8	1.1	.9	.6	.3	.2	.1	.1	16	1.1	
17	.9	BD	.7	.8	.6	.6	1.1	2.2	.3	.8	.3	.1	.1	.2	.2	.2	.2	.2	.2	.1	.2	.1	.1	.1	.1	23	2.2
18	.1	BD	.0	.0	.0	.1	.4	.3	.4	.6	.4	.3	.2	.2	.1	.3	.7	1.5	.4	.2	.2	.2	.1	.1	.1	23	1.5
19	.1	BD	.1	.1	.1	.2	1.4	3.8	1.8	2.0	.6	.4	.3	.2	.6	1.3	.3	.1	.0	.0	.0	.0	.1	.3	23	3.8	
20	.0	BD	.0	.0	.1	.0	.0	1.0	.7	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	23	1.0
21	.1	BD	.1	.1	.1	.1	.1	.4	.4	.3	.1	.0	.0	.5	.8	1.3	.4	.1	.2	.0	.0	.0	.0	.0	.0	23	1.3
22	.0	BD	.0	.0	.0	.6	.1	.2	.5	.6	.7	.6	.3	.5	.9	.4	.3	.3	.1	.1	.1	.2	.3	.4	23	.9	
23	.4	BD	1.3	.7	.6	1.0	1.1	1.7	1.6	1.2	1.1	1.4	1.5	1.0	.8	.8	.7	.6	.5	.5	.4	.4	.4	.4	23	1.7	
24	.2	BD	.1	.0	.0	.1	.4	.5	.4	.3	.2	.2	.4	.7	.6	.3	.4	.1	.1	.3	.3	.1	.1	.8	23	.8	
25	1.3	BD	.5	.2	.0	.2	.7	.7	.2	.2	.5	.5	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	23	1.3	
26	.0	BD	.0	.0	.0	.0	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
27	.0	BD	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	23	.1
28	.2	BD	2.1	2.4	2.3	2.3	2.0	1.6	1.0	.7	.5	.5	.4	.3	.3	.4	.4	.5	.6	.4	.4	.7	.7	.6	23	2.4	
29	1.0	BD	1.5	1.3	.3	.2	.2	.6	.5	.5	.4	.5	.5	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.5
30	.0	BD	.3	.4	.2	.4	.9	.7	BF	BF	.4	.4	.3	.2	.1	.1	.2	.3	.4	.3	.3	.3	.3	.2	21	.9	
31	.2	BD	.3	.3	.3	.6	.9	.5	BC	BC	BC	BC	.3	.2	.2	.2	.3	.3	.2	.2	.2	.2	.1	.1	19	.9	
NO.:	31		31	31	31	31	31	30	28	26	27	28	30	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:	3.8		2.1	2.4	2.3	2.3	2.0	3.8	6.3	3.5	2.1	1.8	2.1	2.2	2.8	1.6	1.5	2.0	1.5	1.2	1.5	1.1	1.0	3.8			
AVG:	.49		.47	.38	.43	.45	.61	.93	.91	.75	.47	.43	.37	.37	.44	.40	.33	.40	.35	.29	.25	.23	.25	.36			

MONTHLY OBSERVATIONS: 695 MONTHLY MEAN: .45 MONTHLY MAX: 6.3

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-183-0014 POC: 2
 COUNTY: (183) Wake
 CITY: (55000) Raleigh
 SITE ADDRESS: 3801 SPRING FOREST RD.
 SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (6639) RALEIGH, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
 LATITUDE: 35.856111
 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
 PQA0: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: SEPTEMBER 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .0863

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	.1	BD	.0	.0	.1	.1	.5	1.9	.5	.3	.6	.5	.5	.5	.4	.3	.3	.3	.2	.2	.2	.1	.1	.0	23	1.9	
2	.0	BD	.0	.1	.0	.2	1.5	1.3	.7	.6	.6	.7	.5	.4	.4	.3	.3	.8	3.3	.7	.3	.2	.2	.4	23	3.3	
3	.7	BD	.4	.2	.3	.1	1.1	1.2	5.2	3.0	1.6	1.5	1.0	.7	.5	.2	.2	.1	.0	.1	.0	.1	.1	.2	23	5.2	
4	.2	BD	.1	.0	.0	.0	.0	.1	.2	.5	.4	.4	.1	.0	.0	.0	.0	.0	.0	.1	.1	.3	.8	.6	23	.8	
5	.4	BD	.1	.0	.0	.0	.0	.2	.4	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	23	.4
6	-.1	BD	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	23	0.0
7	.0	BD	.9	.3	.2	.1	.3	.2	BA	1.8	.3	.2	.1	.1	.1	.2	.1	.2	1.8	6.1	6.8	2.7	1.3	.4	22	6.8	
8	.3	BD	.3	.1	.2	.0	.2	.9	.5	.2	.1	.1	.1	.1	.2	.2	.2	.3	.2	.8	.6	.4	.3	.2	23	.9	
9	.0	BD	.0	.0	.1	.3	1.1	.9	1.7	1.1	1.4	1.8	.7	.2	.1	.1	.1	.2	.2	.2	.2	.2	.1	.1	23	1.8	
10	.1	BD	2.1	.6	.3	.2	.4	.9	1.3	1.0	.7	.3	.2	.1	.1	.1	.1	.1	.1	.3	.3	.3	.3	.3	.3	23	2.1
11	.4	BD	.2	.2	.2	.1	.2	.3	.6	2.8	2.3	1.7	.6	.4	.5	.4	.4	.3	.3	.4	.3	.2	.3	.3	.3	23	2.8
12	.3	BD	.5	.6	.2	.1	.7	.9	1.6	.7	.2	.2	.2	.3	.5	.4	.2	.2	.2	.2	.1	.0	.0	.0	.0	23	1.6
13	.0	BD	.0	.0	.0	.1	1.0	2.1	.9	.7	.7	.6	.5	.5	.4	.4	.3	.3	.3	.3	.1	.2	.1	.2	23	2.1	
14	.1	BD	.1	.0	.0	.4	1.0	1.0	.8	.6	BF	BF	.2	.1	.2	.2	.2	.3	.7	.9	.5	.3	.2	.2	21	1.0	
15	.4	BD	.3	.2	.1	.2	.7	1.2	.9	1.0	1.2	2.0	.3	.3	.3	.3	.4	.3	.0	.0	.0	.1	.0	.2	23	2.0	
16	.2	BD	.1	.1	.1	.1	.2	.2	.2	.3	.3	.3	.4	.3	.4	.4	.4	.3	.3	.4	.3	.2	.1	.1	23	.4	
17	.2	BD	.1	.1	.0	.0	.0	.2	.1	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
18	.2	BD	.3	.2	.5	.1	.0	.1	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	23	.5
19	.0	BD	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
20	.0	BD	.0	.0	.0	.0	.5	.7	.8	.3	.2	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	23	.8
21	.0	BD	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
22	.0	BD	.0	.0	.0	.1	.2	.6	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	23	.7
23	.0	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.5	.3	.4	.6	.8	.5	23	.8	
24	.2	BD	.0	.0	.0	.0	.0	.2	.1	.1	.2	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
25	.0	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
26	.0	BD	.0	.0	.0	.0	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
27	.0	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.3
28	.0	BD	.0	.0	.0	.0	.1	.3	.6	BF	BF	.5	.6	.6	.5	.5	2.1	3.5	2.0	1.8	.9	.3	.0	.0	.0	21	3.5
29	.0	BD	.0	.0	.0	.5	3.1	2.6	1.2	.9	1.2	.2	.1	.0	.0	.0	.0	.0	.0	.1	.4	.4	.1	.3	23	3.1	
30	.6	BD	.9	.7	.5	.8	1.3	2.7	3.2	2.1	1.9	.4	1.7	2.5	.2	.2	.1	.1	.3	.5	.1	.0	.3	.6	23	3.2	
31																										0	
NO.:	30		30	30	30	30	30	30	29	29	28	29	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	.7		2.1	.7	.5	.8	3.1	2.7	5.2	3.0	2.3	2.0	1.7	2.5	.5	.5	2.1	3.5	3.3	6.1	6.8	2.7	1.3	.6			
AVG:	.14		.21	.12	.09	.12	.45	.69	.77	.64	.51	.42	.27	.24	.16	.15	.19	.25	.35	.45	.39	.22	.17	.15			

MONTHLY OBSERVATIONS: 685 MONTHLY MEAN: .31 MONTHLY MAX: 6.8

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-183-0014 POC: 2
 COUNTY: (183) Wake
 CITY: (55000) Raleigh
 SITE ADDRESS: 3801 SPRING FOREST RD.
 SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (6639) RALEIGH, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
 LATITUDE: 35.856111
 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT:

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

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43

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

REPORT FOR: OCTOBER 2011

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: .0863

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	.4	BD	.4	.4	.2	.1	.1	.1	.2	.5	.7	.3	.2	.2	.4	.6	.5	.6	.5	.3	.2	.2	.3	.4	23	.7	
2	.3	BD	.1	.1	.1	.3	.3	.5	.7	.5	.3	.3	.3	.2	.4	.5	.6	.5	.5	.5	.4	.3	.2	.3	23	.7	
3	.5	BD	.3	.2	.3	.4	.9	.9	.9	.9	1.0	.9	.8	.7	.6	.6	.5	.5	.3	.4	.9	.5	.4	23	1.0		
4	.5	BD	.2	.3	.3	.2	.6	1.6	1.9	1.5	.9	.5	.4	.3	.4	.8	1.2	1.3	.7	1.0	1.0	.9	1.0	.7	23	1.9	
5	.8	BD	.2	.2	.1	.2	.8	.5	.5	1.4	1.6	.9	.9	.9	.9	1.0	1.0	.8	.5	.6	1.0	.8	1.3	23	1.6		
6	.9	BD	.1	.2	.5	.6	.9	1.5	1.0	.8	.7	.8	.8	.7	.7	.6	.5	.4	.3	.3	.3	.4	.1	.0	23	1.5	
7	.0	BD	.0	.0	.1	.3	1.0	1.9	.5	.2	.4	.2	.3	.2	.2	.3	.5	.8	.7	.6	1.4	1.6	1.1	.4	23	1.9	
8	.2	BD	.1	.1	.0	.0	.1	.8	1.4	1.9	.5	.4	.5	.4	.3	.4	.3	.2	.2	.3	.6	.2	.1	.0	23	1.9	
9	.0	BD	.0	.4	.4	.6	.9	.9	.5	.4	.4	.4	.4	.3	.4	.3	.2	.2	.2	.2	.2	.2	.3	.4	23	.9	
10	.5	BD	.8	2.3	5.5	7.6	3.5	2.0	1.8	2.3	2.3	1.4	.8	.6	.6	.6	.6	.6	.8	.9	.7	.8	.9	1.0	23	7.6	
11	.8	BD	1.1	1.4	.7	.3	.6	.4	.2	.1	.1	.1	.3	.3	.2	.1	.0	.0	.1	.0	.0	.0	.0	.0	23	1.4	
12	.0	BD	.0	.1	.0	.0	.0	.1	.0	.0	BF	BF	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	21	.1	
13	.1	BD	.0	.0	.0	.0	.1	.1	.1	.1	.3	.0	.1	.1	.1	.1	.0	.0	.0	.1	.0	.0	.0	.1	23	.3	
14	.1	BD	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.8	.4	.5	.5	.5	.5	23	.8	
15	.3	BD	.2	.2	.2	.3	.8	.5	.6	.9	1.1	.9	.7	.6	.5	.4	.4	.4	.9	1.1	.7	.6	.3	.4	23	1.1	
16	.5	BD	.2	.3	.5	.4	.4	.8	.8	.9	.8	.6	.5	.4	.4	.3	.4	.4	.4	.3	.4	.4	.4	.5	23	.9	
17	.7	BD	.9	.8	.8	.7	1.0	1.1	1.3	1.5	1.4	1.2	.8	.9	.8	.9	1.1	1.2	1.1	1.1	1.1	1.0	.9	.8	23	1.5	
18	.7	BD	.5	.6	.5	.6	1.0	1.4	1.6	1.2	.9	.8	.7	.8	.7	.6	.4	.3	.3	.1	.0	.0	.0	.0	23	1.6	
19	.0	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	23	.1	
20	.0	BD	.0	.0	.0	.1	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.3
21	.1	BD	.2	.1	.2	.4	1.3	1.5	1.1	BF	BF	.6	.5	.3	.4	.5	.4	.5	1.2	1.7	1.5	1.6	1.3	1.3	21	1.7	
22	1.2	BD	.1	.1	.1	.1	.1	.3	.6	.7	1.3	1.2	.8	.8	.7	.6	.5	.3	.2	.3	.7	.9	.6	.5	23	1.3	
23	.7	BD	.2	.3	.3	.4	.3	.4	.4	.5	.4	.7	.7	.8	.8	.7	.7	.4	.3	.2	.1	.3	.6	.4	23	.8	
24	.2	BD	.2	.1	.2	.8	1.1	1.7	AY	AY	AY	1.1	.8	.7	.7	.7	.8	.8	AY	2.6	2.2	2.4	.5	.5	19	2.6	
25	.6	.8	.7	.7	.7	.8	AY	2.2	1.0	.9	.5	.5	.5	.5	.4	.4	.4	.4	AY	1.3	1.8	1.7	1.7	1.4	22	2.2	
26	.9	.4	.3	.2	.3	.4	AY	2.0	4.7	1.9	1.4	1.7	1.7	1.7	2.3	1.6	1.7	2.1	AY	.9	.7	.5	.5	.4	22	4.7	
27	.4	.4	.4	.3	.3	.6	AY	1.1	1.6	2.5	2.7	1.1	1.3	1.6	2.5	1.6	.8	.6	AY	.4	.3	1.6	.8	.2	22	2.7	
28	.1	.2	.2	.1	.1	.2	AY	.6	.5	.4	.3	.3	.3	.2	.1	.1	.1	.1	AY	.0	.0	.1	.1	.0	22	.6	
29	.1	.1	.0	.0	.0	.0	AY	.0	.1	.1	.1	.1	.1	.3	.3	.2	.2	.2	AY	.3	.6	.5	.3	.2	22	.6	
30	.2	.2	.4	.3	.3	.3	AY	.7	.9	1.1	1.0	.9	1.0	1.0	.9	.8	.7	.5	AY	.3	.2	.8	.2	.2	22	1.1	
31	.2	.2	.2	.4	.8	.4	AY	.9	.7	.5	.4	.4	.4	.4	.4	.4	.2	.2	.1	.1	.1	.1	.1	.1	23	.9	
NO.:	31	7	31	31	31	31	24	31	30	29	28	30	31	31	31	31	31	31	24	31	31	31	31	31			
MAX:	1.2	.8	1.1	2.3	5.5	7.6	3.5	2.2	4.7	2.5	2.7	1.7	1.7	1.7	2.5	1.6	1.7	2.1	1.2	2.6	2.2	2.4	1.7	1.4			
AVG:	.39	.33	.26	.33	.44	.55	.67	.86	.86	.82	.78	.62	.54	.52	.56	.51	.48	.48	.43	.54	.54	.64	.46	.41			

MONTHLY OBSERVATIONS: 699 MONTHLY MEAN: .55 MONTHLY MAX: 7.6

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-183-0014 POC: 2
 COUNTY: (183) Wake
 CITY: (55000) Raleigh
 SITE ADDRESS: 3801 SPRING FOREST RD.
 SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (6639) RALEIGH, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
 LATITUDE: 35.856111
 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: NOVEMBER 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	.1	BD	.1	.1	.1	.1	.3	.4	.6	.6	.6	.6	.6	.5	.5	.5	.4	.4	.3	.4	1.1	.9	.3	.6	23	1.1	
2	.4	BD	.6	.5	.9	1.6	2.7	3.4	1.6	1.9	1.1	.8	.9	.8	.8	.7	1.1	.9	.9	1.0	1.8	2.2	1.8	23	3.4		
3	1.9	BD	1.6	1.9	1.8	2.2	2.9	4.6	3.5	1.9	1.4	1.0	.8	.7	.7	.6	.6	.9	.7	.5	.3	.4	.3	.3	23	4.6	
4	.2	BD	.1	.1	.1	.0	.1	.0	.0	.0	.0	.1	BF	BF	BF	.4	.6	.8	1.2	1.0	.7	.7	.8	.7	20	1.2	
5	.6	BD	.5	.8	.7	.6	.6	.6	.5	.4	.4	.3	.4	.4	.4	.4	.4	.4	.3	.3	.2	.2	.3	.5	23	.8	
6	.6	BD	.6	.4	.5	.2	.2	.3	.4	.3	.2	.3	.4	.4	.3	.3	.2	.4	.4	.2	.2	.6	.7	.5	23	.7	
7	.6	BD	.3	.4	.4	.8	1.1	2.2	3.2	1.1	.4	.3	.2	.2	.3	.3	.4	.5	.8	1.5	2.3	1.9	2.0	1.6	23	3.2	
8	1.3	BD	.9	1.1	1.0	1.3	1.6	1.8	1.0	.6	.8	.9	.6	.6	.6	.5	1.2	.9	.3	1.0	1.3	1.9	1.9	.7	23	1.9	
9	.6	BD	.2	.3	.2	.2	.1	.2	.5	.5	.4	.4	.3	.2	.1	.1	.2	.5	.4	.6	2.2	1.5	.8	.8	23	2.2	
10	.3	BD	.4	.7	.4	.8	1.7	1.8	1.6	1.5	.8	1.2	1.3	1.5	1.6	1.1	.4	.5	.7	2.3	.7	.6	.7	1.0	23	2.3	
11	1.0	BD	1.0	.9	.7	.7	.6	.6	.6	.9	1.0	.9	.7	.5	.4	.4	.5	.7	2.0	2.1	2.4	2.2	2.3	1.5	23	2.4	
12	1.1	BD	.7	.6	.6	.9	.8	1.1	1.6	1.4	1.2	1.3	1.2	1.4	1.0	1.1	1.3	1.6	1.5	1.3	1.2	1.2	1.2	1.2	23	1.6	
13	1.2	BD	1.1	1.2	2.3	2.3	2.3	2.6	3.0	2.3	2.0	1.7	1.3	1.1	1.0	1.1	1.5	1.8	2.4	2.2	1.8	1.2	.8	.6	23	3.0	
14	.6	BD	.7	.6	.5	.4	.5	1.0	1.9	2.3	2.4	4.1	1.5	.4	.4	.4	.4	.7	1.0	1.0	.8	.5	.4	.5	23	4.1	
15	.5	BD	.4	.6	.6	.8	1.2	1.4	1.4	1.2	1.0	.8	.6	.4	.4	.4	.4	.8	1.0	.6	.3	.2	.2	.2	23	1.4	
16	.2	BD	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.3	.5	.6	.3	.2	.7	.4	.2	.1	1.0	23	1.0	
17	.3	BD	.1	.2	.2	.1	.8	1.3	.7	.4	.2	.3	.3	.3	.3	.3	.9	.6	.6	.7	.8	.7	.6	.5	23	1.3	
18	.4	BD	.3	.3	.3	.4	.5	1.4	2.0	18.0	BF	BF	1.5	1.2	1.2	1.1	1.2	1.7	1.8	1.4	.8	1.4	.9	1.2	21	18.0	
19	1.5	BD	2.1	2.2	2.2	2.2	2.0	2.1	1.8	1.1	1.0	.8	.7	.6	.6	.6	.8	1.1	1.6	2.0	1.7	1.5	1.4	1.4	23	2.2	
20	.7	BD	.7	.7	.8	.9	.6	1.4	1.3	1.2	.7	.5	.4	.3	.2	.2	.3	.4	.5	.6	.4	.4	.3	.3	23	1.4	
21	.2	BD	.2	.2	.2	.1	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.9	1.6	1.0	.9	.7	.4	.1	23	1.6	
22	.2	BD	.1	.0	.0	.0	.2	.3	.3	.2	.2	.2	.5	.8	.5	.6	.7	.7	.9	.5	.3	.3	.1	.1	23	.9	
23	.1	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.3	.3	.2	.2	.3	.8	.9	1.0	1.2	23	1.2	
24	1.3	BD	.7	.6	.6	.6	.5	.8	1.3	.9	.7	.5	.5	.4	.4	.4	.5	.7	1.1	.7	2.1	1.9	2.1	2.8	23	2.8	
25	2.7	BD	2.7	2.8	2.9	3.0	3.1	3.7	2.4	1.2	.7	.5	.5	.5	.4	.4	.4	.9	1.7	2.5	1.7	1.3	1.3	1.3	23	3.7	
26	1.0	BD	.8	1.2	.9	1.2	1.5	2.0	1.8	2.2	1.9	1.4	.9	.7	.7	.6	.4	.8	1.2	1.1	1.1	2.0	2.0	1.1	23	2.2	
27	.8	BD	.3	.2	.2	.2	.2	.2	.3	.3	.3	.2	.1	.1	.1	.1	.1	.2	.2	.2	.1	.1	.0	.1	23	.8	
28	.0	BD	.1	.2	.1	.3	1.5	1.4	.8	AZ	AZ	AZ	AZ	AZ	.2	.1	.1	.2	.3	.3	.2	.4	.4	.1	18	1.5	
29	.0	BD	.0	.0	.0	.0	.0	.0	.0	.1	BC	BC	BC	BC	.1	.2	.3	.3	.3	.2	.1	.2	.3	.4	.3	20	.4
30	.3	BD	.3	.3	.3	.8	1.9	4.6	1.9	.8	.7	.5	.5	.4	.4	.3	.3	.3	1.4	.9	.4	.3	.5	.6	23	4.6	
31																										0	
NO.:	30		30	30	30	30	30	30	30	29	27	27	27	28	29	30	30	30	30	30	30	30	30	30	30		
MAX:	2.7		2.7	2.8	2.9	3.0	3.1	4.6	3.5	18.0	2.4	4.1	1.5	1.5	1.6	1.1	1.5	1.8	2.4	2.5	2.4	2.2	2.3	2.8			
AVG:	.69		.59	.64	.65	.76	.99	1.39	1.21	1.51	.76	.74	.64	.54	.50	.49	.52	.72	.93	.94	.94	.92	.88	.82			

MONTHLY OBSERVATIONS: 677 MONTHLY MEAN: .82 MONTHLY MAX: 18.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42401) Sulfur dioxide

SITE ID: 37-183-0014 POC: 2
 COUNTY: (183) Wake
 CITY: (55000) Raleigh
 SITE ADDRESS: 3801 SPRING FOREST RD.
 SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (6639) RALEIGH, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
 LATITUDE: 35.856111
 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: DECEMBER 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	.9	BD	1.2	1.4	1.5	1.4	1.7	1.6	1.5	1.6	1.6	1.2	1.0	1.0	.9	.8	.9	1.4	4.3	5.5	3.6	3.6	4.6	5.1	23	5.5	
2	3.8	BD	4.0	4.9	4.5	3.1	3.5	4.9	6.6	4.3	2.1	2.2	2.5	.9	.9	1.0	1.4	3.7	5.4	6.3	4.2	4.2	3.6	3.8	23	6.6	
3	3.7	BD	1.0	1.1	1.9	2.5	2.6	2.8	2.9	2.8	3.4	3.7	3.7	3.5	3.3	3.0	2.7	2.5	2.3	2.0	1.8	1.7	1.5	1.5	23	3.7	
4	1.1	BD	.8	.7	.4	.3	.4	.4	1.0	1.1	.8	.8	.8	.7	.6	.6	.7	1.2	.5	1.8	1.3	1.4	1.7	1.4	23	1.8	
5	1.0	BD	.7	.6	.5	.5	.9	1.5	1.0	.9	.6	.3	.2	.2	.2	.3	.6	.3	.3	.2	.2	.1	.1	.1	23	1.5	
6	.1	BD	.1	.0	.0	.0	.1	.2	.2	.2	.1	.2	.2	.2	.1	.1	.2	.3	.2	.0	.0	.0	.0	.0	23	.3	
7	.0	BD	.1	.1	.0	.0	.1	.1	.1	.3	.3	.3	.3	.3	.2	.2	.1	.0	.0	.0	.3	1.1	.9	23	1.1		
8	.9	BD	1.1	.8	.5	.3	.2	.5	1.1	.9	.9	.8	.9	.8	.9	.8	.8	1.0	1.5	2.3	1.3	1.5	2.2	1.6	23	2.3	
9	.9	BD	1.8	1.2	1.4	1.4	1.2	1.7	2.1	1.5	1.3	1.2	1.1	1.1	1.0	.9	.9	1.6	1.3	1.8	2.6	2.3	3.0	2.2	23	3.0	
10	.7	BD	.4	.4	.7	.8	.7	.7	.8	1.0	1.5	1.7	1.7	1.7	1.6	1.6	1.6	2.1	1.3	1.2	1.1	.9	.7	.5	23	2.1	
11	.5	BD	.9	1.1	.9	.9	.9	1.1	1.6	2.2	2.2	2.0	1.9	1.6	1.5	1.4	1.3	1.2	1.2	2.0	2.2	1.4	1.4	23	2.2		
12	1.4	BD	1.7	1.6	1.2	1.2	1.6	1.3	1.1	1.2	1.0	1.1	1.3	1.0	.9	.9	1.0	.9	.8	.7	.6	.6	.6	.6	23	1.7	
13	.5	BD	.4	.6	.5	.5	.8	2.1	2.6	4.1	BF	BF	2.6	2.4	1.7	1.0	1.4	2.8	1.5	1.9	.7	1.9	1.6	2.8	21	4.1	
14	2.1	BD	1.4	1.8	1.2	1.2	1.6	2.7	3.6	4.6	4.0	3.1	2.3	2.3	1.9	1.8	1.8	2.2	2.4	2.1	2.2	1.9	1.5	1.3	23	4.6	
15	1.2	BD	1.0	1.1	.9	1.1	1.4	1.8	2.0	1.4	1.2	1.1	.8	.6	.5	.6	.7	.8	.7	.5	.5	.5	.4	23	2.0		
16	.4	BD	.5	.5	.4	.4	.4	.7	.8	.8	.7	.6	.6	.4	.6	.6	1.0	.6	.6	.3	.1	.2	.1	.2	23	1.0	
17	.1	BD	.1	.1	.1	.1	.1	.1	.2	.3	.3	.4	.4	.4	.5	.8	1.0	1.2	.9	.9	1.3	1.8	2.8	1.8	23	2.8	
18	1.2	BD	1.5	1.5	1.3	.7	1.0	1.3	2.1	2.9	2.0	2.4	2.0	1.9	2.0	1.6	1.5	1.5	1.5	1.8	1.8	1.6	1.5	1.6	23	2.9	
19	1.4	BD	1.4	1.3	1.4	1.3	1.8	2.4	3.1	2.1	1.4	1.1	1.2	1.4	1.3	1.1	1.1	1.2	1.3	1.0	1.0	1.0	.9	23	3.1		
20	.7	BD	.8	1.2	.9	.8	.8	1.5	2.1	BF	BF	1.3	1.3	1.1	1.1	1.1	1.1	.5	.6	.6	.6	.6	.6	.6	21	2.1	
21	.6	BD	.4	.3	.2	.3	.5	.8	.9	.6	.4	.3	.3	.3	.2	.3	.3	.3	.2	.2	.1	.1	.2	.2	23	.9	
22	.3	BD	.4	.3	.2	.3	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.4	.6	.8	.4	.3	.2	.1	.1	23	.8	
23	.2	BD	.2	.2	.2	.2	.1	.1	1.0	2.1	2.5	2.5	2.3	1.6	1.0	1.1	.7	.5	.6	.3	.2	.5	.7	.6	23	2.5	
24	.9	BD	.9	.5	.4	.6	.5	.5	.9	1.0	1.3	.9	.8	.9	1.0	1.0	.9	.9	.9	1.1	.9	1.6	1.2	.5	23	1.6	
25	.6	BD	.7	.6	.5	.9	.9	1.1	.7	.8	.9	.8	.8	.7	.8	.8	.8	.8	.8	.7	.7	.6	.6	.6	23	1.1	
26	.5	BD	.5	.6	.7	.9	1.0	1.3	1.7	1.4	1.2	.9	.8	.7	.7	.5	.6	1.2	1.6	1.0	.9	1.0	.7	.6	23	1.7	
27	.6	BD	.4	.4	.4	.4	.5	.4	.3	.4	.4	.3	.3	.2	.2	.2	.2	.2	.3	.2	.1	.1	.1	.1	23	.6	
28	.1	BD	.2	.2	.2	.2	.2	.3	.4	.4	.3	.4	.4	.4	.3	.3	.3	.4	1.0	1.5	.8	.6	.5	.5	23	1.5	
29	.5	BD	.6	1.1	1.7	1.8	1.8	2.8	2.8	2.3	1.2	.9	.8	.7	.6	.6	.5	.7	1.4	1.6	1.9	2.4	1.9	1.1	23	2.8	
30	.7	BD	.5	.7	.6	.7	1.0	1.1	1.6	1.9	1.6	1.6	2.2	1.7	1.0	1.3	1.4	1.5	1.4	1.6	1.4	1.0	1.0	.9	23	2.2	
31	.8	BD	.8	.9	.8	.6	.6	.7	.8	.6	.5	.4	.3	.3	.3	.3	.3	.3	1.5	2.5	1.2	1.4	3.5	4.3	23	4.3	
NO.:	31		31	31	31	31	31	31	31	30	29	30	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	3.8		4.0	4.9	4.5	3.1	3.5	4.9	6.6	4.6	4.0	3.7	3.7	3.5	3.3	3.0	2.7	3.7	5.4	6.3	4.2	4.2	4.6	5.1			
AVG:	.92		.85	.90	.84	.82	.94	1.25	1.55	1.53	1.24	1.16	1.16	1.01	.91	.86	.91	1.11	1.26	1.40	1.14	1.22	1.31	1.23			

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: 1.11 MONTHLY MAX: 6.6

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

QUALIFIER CODES:

Qualifier Code	Qualifier Description	Qualifier Type
AC	Construction/Repairs in Area	NULL
AE	Shelter Temperature Outside Limits	NULL
AJ	Filter Damage	NULL
AM	Miscellaneous Void	NULL
AN	Machine Malfunction	NULL
AS	Poor Quality Assurance Results	NULL
AV	Power Failure	NULL
AX	Precision Check	NULL
AY	Q C Control Points (zero/span)	NULL
AZ	Q C Audit	NULL
BA	Maintenance/Routine Repairs	NULL
BC	Multi-point Calibration	NULL
BD	Auto Calibration	NULL
BF	Precision/Zero/Span	NULL
SA	Storm Approaching	NULL

Note: Qualifier codes with regional concurrence are shown in upper case,
and those without regional concurrence are shown in lower case.