UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

User ID: XJBAPAT

RAW DATA REPORT

Report Request ID: 1395313

Report Code: AMP350

Dec. 15, 2015

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
	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
2014 01 01	2014 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: 37-013-0151 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: 35.4280000009
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: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JANUARY 2014

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

DAY	HOUR 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	1.6	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.5	1.7	1.8	1.7	1.8	1.7	1.8	1.7	1.7	1.7	1.6	1.6	1.5	1.5	1.6	23	1.8
2	BF	1.6	1.6	1.6	1.6	1.5	1.6	1.5	1.5	1.5	1.6	1.5	1.6	1.4	1.5	1.5	1.5	1.4	1.5	1.3	1.5	1.5	1.4	1.5	23	1.6
3	BF	1.7	2.2	2.8	2.6	3.0	3.2	2.9	2.8	2.5	2.5	2.2	2.0	BA	BA	1.8	2.0	2.0	2.0	1.9	1.8	1.8	1.9	1.8	21	3.2
4	BF	2.1	2.1	2.3	3.0	2.9	3.1	3.5	3.2	3.0	2.9	2.9	2.8	2.5	2.1	2.1	2.1	2.1	2.0	1.9	1.9	1.8	1.8	1.8	23	3.5
5	BF	1.8	1.7	1.8	1.7	1.6	1.8	1.7	1.7	1.6	1.7	1.6	1.7	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	23	1.8
6	BF	1.6	1.5	1.5	1.5	1.5	8.3	10.2	21.7	14.5	3.5	2.2	1.8	1.7	1.6	1.7	1.7	2.0	2.2	2.0	1.9	1.8	1.7	1.8	23	21.7
7	BF	2.3	2.7	2.8	2.4	2.6	2.9	2.5	2.6	2.9	2.8	2.7	3.0	2.8	2.4	2.4	2.5	2.6	2.3	2.0	2.1	2.2	2.2	2.0	23	3.0
8	BF	2.1	1.9	1.8	1.9	1.8	2.1	1.8	1.9	2.3	2.7	2.7	2.8	2.7	2.5	3.5	6.5	2.8	2.7	2.4	2.4	2.2	2.1	2.0	23	6.5
9	BF	1.9	1.8	1.8	1.9	1.8	1.9	2.0	2.1	2.4	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.1	2.0	1.9	2.0	2.1	2.0	23	2.4
10	BF	2.0	1.9	1.9	1.9	1.9	1.9	1.9	2.0	1.8	1.9	1.8	1.8	1.9	1.9	1.8	1.8	1.7	1.8	1.7	1.8	1.6	1.7	1.7	23	2.0
11	BF	1.8	1.7	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.9	1.7	1.8	1.8	1.7	1.8	2.3	1.7	1.7	2.3	2.1	23	2.3
12	BF	1.9	1.7	1.7	1.6	1.8	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.9	2.0	1.9	1.9	2.0	1.9	2.1	1.8	1.8	1.8	1.7	23	2.1
13	BF	1.9	1.9	1.8	1.8	2.1	1.8	1.7	3.0	4.4	3.2	3.2	3.5	2.3	1.9	1.9	2.0	1.9	1.9	1.9	1.8	1.8	1.7	1.8	23	4.4
14	BF	1.8	1.7	1.7	1.7	1.8	1.8	1.9	1.7	1.6	1.6	1.6	2.3	6.2	2.7	2.0	1.8	1.8	1.7	1.7	1.6	1.6	1.8	1.7	23	6.2
15	BF	1.7	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	7.1	6.2	4.6	9.2	8.9	8.4	5.6	8.2	3.8	2.8	2.4	2.3	2.0	1.9	23	9.2
16	BF	2.1	1.9	1.8	1.8	1.7	2.3	1.9	2.2	2.1	2.2	2.4	2.6	2.4	2.3	2.3	2.2	2.1	1.9	1.8	1.9	1.8	2.1	2.2	23	2.6
17	BF	13.3	7.6	18.9	6.8	4.1	10.1	11.8	12.8	11.2	5.4	5.9	4.6	4.0	2.7	2.9	2.1	2.4	2.4	2.6	2.5	2.4	2.3	2.7	23	18.9
18	BF	2.7	2.7	2.3	2.2	2.1	1.9	1.9	1.8	1.9	2.0	2.0	1.9	2.2	2.2	2.1	1.9	1.8	1.9	2.0	2.1	2.2	2.1	2.1	23	2.7
19	BF	11.6	10.5	17.2	17.0	5.9	6.0	3.6	3.8	6.7	4.3	2.7	2.9	2.6	2.7	2.5	2.4	2.6	2.7	2.7	2.7	2.5	2.5	2.5	23	17.2
20	BF	2.3	2.2	2.2	2.2	2.3	2.3	2.4	2.4	2.4	2.3	2.3	2.2	2.2	2.1	2.1	2.1	2.2	2.0	2.1	3.7	4.6	3.4	2.7	23	4.6
21	BF	3.4	2.8	2.5	2.8	2.4	2.2	2.0	2.1	2.5	3.2	3.1	2.9	3.3	3.2	2.7	2.9	3.4	2.8	2.3	2.0	2.6	2.1	2.0	23	3.4
22	BF	2.3	2.5	2.7	2.5	2.5	2.6	2.9	3.5	3.8	3.8	4.0	3.9	3.5	3.3	3.3	3.1	3.0	2.9	2.7	2.3	2.1	2.0	2.0	23	4.0
23	BF	2.1	1.9	2.1	2.0	2.0	2.0	2.0	2.0	2.5	3.7	3.9	3.4	3.3	3.3	3.6	3.7	3.6	3.6	3.1	2.9	2.3	2.5	2.5	23	3.9
24	BF	2.6	2.7	2.9	3.2	3.2	3.3	3.5	3.3	3.6	3.9	3.9	4.0	3.9	3.8	3.7	3.5	3.3	3.1	2.9	2.4	2.3	2.8	11.8	23	11.8
25	BF	13.6	5.9	3.6	3.2	3.0	3.1	11.4	5.0	3.2	4.0	2.9	2.8	3.8	5.9	2.7	2.5	2.7	2.9	2.7	2.7	2.6	2.8	2.9	23	13.6
26	BF	2.9	2.8	2.8	3.0	3.0	2.6	2.8	2.7	2.8	2.9	2.8	3.4	3.0	2.8	3.2	2.5	2.7	2.6	2.7	5.2	4.1	4.3	4.4	23	5.2
27	BF	3.8	5.4	6.5	3.8	3.3	3.1	3.0	3.3	3.1	5.6	4.2	3.1	3.2	6.3	2.6	3.7	3.5	3.6	3.5	4.1	3.1	2.5	2.5	23	6.5
28	BF	3.2	4.0	4.0	3.0	2.5	2.4	2.5	2.6	2.8	2.9	3.0	2.9	2.6	2.7	2.6	2.4	2.3	2.3	4.5	7.5	7.0	4.7	5.4	23	7.5
29	BF	3.9	3.5	3.4	3.5	3.7	3.7	3.5	3.1	3.1	3.4	3.6	4.2	4.5	4.6	4.5	4.4	4.1	3.9	3.8	3.8	3.9	3.5	2.8	23	4.6
30	BF	2.8	3.0	2.9	3.5	3.6	3.7	3.5	3.8	4.4	4.3	4.5	4.4	4.0	3.7	3.5	3.5	3.8	3.8	3.8	3.8	3.2	2.9	2.8	23	4.5
31	BF	2.9	2.8	2.7	2.8	2.9	2.9	2.9	2.9	3.4	3.3	3.4	3.5	3.6	3.2	3.3	9.2	2.9	2.7	2.4	2.3	2.2	2.2	2.1	23	9.2
NO.:		31	31	31	31	31	31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31		
MAX:		13.6	10.5	18.9	17.0	5.9	10.1	11.8	21.7	14.5	7.1	6.2	4.6	9.2	8.9	8.4	9.2	8.2	3.9	4.5	7.5	7.0	4.7	11.8		
AVG:		3.33	2.89	3.45	2.96	2.50	2.94	3.22	3.48	3.37	3.10	2.93	2.84	3.07	2.98	2.71	2.87	2.65	2.45	2.41	2.57	2.45	2.33	2.59		

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: 2.87 MONTHLY MAX: 21.7

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.

(42401) Sulfur dioxide

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MONITOR COMMENTS: 20

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URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

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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: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: FEBRUARY 2014

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

DAY	HOUR 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	2.2	2.1	2.1	2.1	2.3	2.3	2.2	2.3	2.4	3.1	3.0	3.5	3.5	3.1	2.9	2.3	2.2	2.2	2.2	2.2	2.1	2.1	2.1	23	3.5
2	BF	2.1	2.1	2.1	2.1	2.2	2.1	2.4	2.2	2.1	2.2	2.1	2.3	2.5	2.5	2.3	2.4	2.5	2.3	2.3	2.3	2.2	2.1	2.2	23	2.5
3	BF	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.7	2.6	2.2	BA	BA	2.2	2.1	2.1	2.1	2.1	2.0	2.1	2.2	2.5	21	2.7
4	BF	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.9	2.0	2.0	1.9	2.2	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.1	2.1	2.0	2.0	23	2.2
5	BF	2.1	1.9	1.9	2.0	2.0	1.9	2.0	2.2	1.9	AT	AT	AZ	AZ	2.1	2.0	2.0	1.9	2.0	2.0	1.9	1.8	1.9	2.0	19	2.2
6	BF	2.0	2.0	2.1	2.3	2.6	2.8	3.4	3.8	3.6	3.3	3.0	2.5	3.2	3.9	3.4	3.1	2.8	2.6	2.6	3.4	3.3	3.5	3.1	23	3.9
7	BF	2.5	2.3	2.5	2.3	2.2	2.3	2.4	2.5	2.8	2.7	BA	BC	BC	.2	.3	.3	.2	.1	.0	.0	.0	.0	.1	20	2.8
8	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.5	.6	.4	.1	.1	.3	.2	.3	.3	23	.6
9	BF	1.2	1.1	.8	.6	.3	.1	.1	.4	.7	.6	.6	.7	.7	.8	.6	.3	.2	.1	.0	.0	.0	.0	.0	23	1.2
10	BF	1.0	.0	.0	.0	.0	.0	.1	.9	1.4	1.9	2.0	1.8	1.9	1.9	2.0	1.7	1.6	1.5	1.1	.9	.8	.9	1.1	23	2.0
11	BF	1.1	1.4	1.7	2.0	1.9	2.2	2.6	2.7	3.2	3.5	2.8	2.4	2.4	2.6	2.4	2.1	2.0	1.8	1.5	2.2	2.5	2.6	1.5	23	3.5
12	BF	1.5	2.1	1.8	1.3	1.5	1.4	1.4	1.0	.7	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	2.1
13	BF	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
14	BF	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.2	3.5	.4	.3	.1	.2	.3	.3	23	3.5
15	BF	.3	.3	.5	2.9	1.7	.7	.4	1.5	.4	.2	.0	.0	.0	.0	.1	.5	1.2	1.1	1.0	.9	1.3	1.3	1.7	23	2.9
16	BF	1.8	1.5	1.0	.8	.9	.7	1.0	1.8	1.7	2.2	2.1	1.3	1.1	.7	.3	.2	.4	.5	.1	.7	.3	.5	.3	23	2.2
17	BF	.2	.1	.1	.5	.7	1.0	1.3	2.0	2.4	2.8	3.0	2.9	2.6	2.2	1.5	1.6	1.6	1.5	1.2	1.1	.9	.7	.4	23	3.0
18	BF	.1	.0	.0	.0	.2	.1	.1	.0	.1	.4	.8	.7	.5	.3	.3	.1	.3	.7	.3	.1	.1	.1	.2	23	.8
19	BF	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	1.1	.3	.3	.2	.1	.1	.0	.0	.0	.2	.4	5.3	1.2	23	5.3
20	BF	.6	.3	.4	.7	.7	.5	.4	.4	.5	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.7
21	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.5	.0	.0	.0	.0	.0	.0	.0	23	.8
22	BF	.0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
23	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	1.8	.3	.3	.0	.1	.2	.5	.5	1.1	.2	23	1.8
24	BF	.3	.1	.1	.1	.0	.0	.1	.4	.7	1.2	.8	.8	.5	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	23	1.2
25	BF	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.1	.1	.5	.4	.0	.0	.0	.0	.0	.0	23	.5
26	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.1
27	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.0	.9	.7	.4	.5	.4	.8	1.0	.9	.6	.3	.0	.0	23	1.0
28	BF	.0	.1	.1	.1	.4	.1	.2	.4	.6	.7	.7	.7	.5	.4	.4	.7	.9	.7	.5	.3	.4	.4	.3	23	.9
29																									0	
30																									0	
31																									0	
NO.:		28	28	28	28	28	28	28	28	28	27	26	26	25	27	28	28	28	28	28	28	28	28	28		
MAX:		2.5	2.3	2.5	2.9	2.6	2.8	3.4	3.8	3.6	3.5	3.0	3.5	3.5	3.9	3.4	3.1	3.5	2.6	2.6	3.4	3.3	5.3	3.1		
AVG:		.84	.79	.77	.87	.86	.80	.87	1.04	1.06	1.15	1.08	.99	.91	.96	.91	.86	.96	.81	.73	.78	.76	.98	.76		

MONTHLY OBSERVATIONS: 635 MONTHLY MEAN: .89 MONTHLY MAX: 5.3

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.

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LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

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PROBE HEIGHT: 184

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

REPORT FOR: MARCH 2014

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

DAY	HOUR 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	.2	.1	.1	.1	.0	.1	.2	.4	.5	.6	.5	.5	.7	.8	.6	.7	.5	.3	.2	.1	.0	.0	23	.8
2	BF	.1	.0	.0	.0	.0	.0	.0	.0	.2	.5	.6	.9	1.0	1.0	.2	.3	3.3	.6	.5	.1	5.7	3.0	1.2	23	5.7
3	BF	.6	7.0	2.0	3.0	4.1	2.7	1.7	.7	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.4	.8	23	7.0
4	BF	.8	.4	.2	.2	.2	.2	.5	.6	.4	.8	.6	.4	.3	.3	.3	.1	.1	.0	.1	.0	.0	.0	.0	23	.8
5	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.1	.1	.0	1.1	4.3	2.3	1.8	23	4.3
6	BF	1.0	1.0	.8	.7	.6	.7	.7	.7	.6	.5	.3	.3	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	23	1.0
7	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	BA	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	0.0
8	BF	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.4	.4	.5	1.3	1.1	.9	1.6	.5	1.3	.2	.2	.2	4.8	23	4.8
9	BF	.9	.4	.4	.5	.3	.1	.2	.4	.4	.6	.5	.8	.8	.6	.8	1.0	.8	.7	.5	.3	.2	.2	.3	23	1.0
10	BF	.2	.0	.0	.0	.0	.0	.0	.0	.5	1.0	.2	.1	.2	.1	.1	.2	.2	.2	.2	.1	.3	8.7	2.2	23	8.7
11	BF	1.0	.9	.8	.6	.3	.2	.3	.2	.2	.3	.3	.3	3.5	1.0	.1	.2	.1	.2	.0	.0	3.1	1.4	1.7	23	3.5
12	BF	.8	.6	.4	.7	4.3	1.8	1.0	4.4	1.5	1.3	.5	1.7	1.6	2.3	2.4	.1	.0	2.9	.5	.0	.0	.0	.0	23	4.4
13	BF	.0	.2	.3	.3	.2	.3	.4	.3	.2	.1	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
14	BF	.0	.0	.0	.0	.0	.0	.0	1.3	2.0	.8	.5	.3	.2	.2	.4	.2	.2	.2	.0	.0	.1	.1	1.4	23	2.0
15	BF	2.1	1.5	.7	.5	.4	.2	.3	.5	.7	.6	.5	.4	.4	.4	.4	.3	.4	.3	.3	.4	.4	3.7	3.5	23	3.7
16	BF	.4	.2	.0	.0	.0	.0	.1	.2	.4	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
17	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
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	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	23	0.0
20	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	23	.3
21	BF	.0	.0	.0	.0	.0	.0	.0	.2	.4	.3	.1	.2	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	23	.4
22	BF	.0	.1	.0	.4	1.3	.8	.4	2.1	.8	.6	.4	.4	.5	.3	.3	.4	.5	.4	.0	.0	.2	.1	.0	23	2.1
23	BF	2.2	.6	.2	.0	.0	.0	.0	.2	.3	.2	.1	.2	.2	.4	.6	.2	.1	.0	.0	.0	.0	.0	.0	23	2.2
24	BF	.0	.0	.0	.0	.0	.0	.3	1.5	1.5	1.4	1.0	.6	.5	.5	.6	.7	.4	.2	.1	.0	.0	.0	.0	23	1.5
25	BF	.2	.3	.2	.4	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
26	BF	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.3	.3	.1	.2	.2	.6	.6	.5	.4	.2	.1	.2	.0	23	.6
27	BF	.0	.0	.0	.0	.0	.0	.1	.5	.5	.6	.5	.4	.4	.3	.2	.2	.2	.3	.2	.1	.1	.0	.0	23	.6
28	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	23	.1
29	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
30	BF	.0	.2	.0	.0	.0	.0	.0	.1	.2	.4	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
31	BF	.5	.4	.4	.3	.2	.3	.3	.2	.2	.1	.2	.1	.1	.1	.3	.2	.2	.1	.1	.0	.0	.0	.0	23	.5
NO.:		31	31	31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		2.2	7.0	2.0	3.0	4.3	2.7	1.7	4.4	2.0	1.4	1.0	1.7	3.5	2.3	2.4	1.0	3.3	2.9	1.3	1.1	5.7	8.7	4.8		
AVG:		.35	.45	.21	.25	.39	.25	.22	.47	.39	.40	.29	.29	.38	.33	.29	.21	.31	.25	.15	.09	.48	.66	.58		

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .33 MONTHLY MAX: 8.7

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.

(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: 35.4280000009
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: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: APRIL 2014

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

DAY	HOUR 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	.0	.0	.0	.0	.0	.0	.0	.2	.4	7.1	5.1	1.2	.5	.4	.3	.2	.2	.1	.3	1.1	1.0	3.0	1.7	23	7.1
2	BF	.8	.5	.3	.4	.4	.5	.7	.8	.6	.6	1.2	1.2	.7	.2	.2	.3	.3	.3	.3	.5	4.3	.6	.3	23	4.3
3	BF	5.3	2.3	1.3	.7	.9	.2	.8	.7	1.0	.7	.6	.6	.5	.5	.5	.5	.6	1.1	.8	.3	.3	4.1	1.2	23	5.3
4	BF	1.1	.7	.4	.1	.1	.1	.1	.2	.5	.5	.0	BA	BA	.0	.0	.0	.3	.4	.3	.4	2.6	6.9	17.7	21	17.7
5	BF	20.4	2.2	1.0	.6	.7	.5	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	20.4
6	BF	.0	.0	.0	.0	.0	.0	.6	.9	.7	.2	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.9
7	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	AV	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
8	BF	.0	.0	.0	.0	.3	1.7	5.1	1.4	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	5.1
9	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.6	.4	.3	.2	.6	.7	.6	.6	.0	.0	.0	.0	.0	23	.7
10	BF	.0	.0	.0	.0	.0	.0	.1	.3	.3	.4	.9	.5	.4	.1	.0	.0	.0	.0	.1	.2	.0	.0	.5	23	.9
11	BF	16.1	3.1	.6	.3	3.9	.8	.4	.3	.3	.1	.0	.0	.2	4.8	.6	.1	.1	.1	.1	.2	.8	.6	.6	23	16.1
12	BF	8.3	15.5	1.6	.7	1.2	.9	3.9	.8	1.1	6.1	5.5	3.6	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	15.5
13	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
14	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
15	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
16	BF	.0	.0	.0	.0	.0	.0	.5	.5	.3	.1	.4	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.6
17	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
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	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	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	.0	.0	23	0.0
21	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
22	BF	.0	.0	.0	.1	.0	.0	.4	1.2	1.2	.4	.7	2.4	1.4	.2	.1	.4	.2	.1	.0	1.6	.8	.5	.2	23	2.4
23	BF	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
24	BF	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.2	.1	.1	.0	.1	.6	.0	.1	.0	.1	.0	23	.6
25	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
26	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	.6	.1	.0	.0	.0	10.6	23.0	3.7	23	23.0
27	BF	.5	.2	.2	.1	.0	.0	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.5
28	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
29	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
30	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	4.9	1.5	.0	23	4.9
31																									0	
NO.:		30	30	30	30	30	30	30	30	30	29	30	29	29	29	30	30	30	30	30	30	30	30	30		
MAX:		20.4	15.5	1.6	.7	3.9	1.7	5.1	1.4	1.2	7.1	5.5	3.6	1.4	4.8	2.6	.7	.6	1.1	.8	1.6	10.6	23.0	17.7		
AVG:		1.75	.82	.18	.10	.25	.16	.44	.27	.24	.59	.52	.37	.18	.22	.17	.11	.08	.11	.06	.15	.84	1.34	.86		

MONTHLY OBSERVATIONS: 686 MONTHLY MEAN: .43 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.

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5

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

LATITUDE: 35.4280000009
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: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MAY 2014

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

DAY	HOUR 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	.0	.0	.0	.0	.0	.0	1.8	7.9	2.1	.1	.0	.9	1.7	.0	.3	.1	.0	.0	.0	.0	.0	.0	3.7	23	7.9
2	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
3	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	4.0	2.2	.4	.0	.0	.0	.0	.0	.0	.5	4.3	3.8	4.5	23	4.5
4	BF	1.3	.6	.4	.3	.2	.0	.2	.3	.3	.4	.6	.4	.3	.2	.2	.2	.2	.2	.1	.0	2.2	.3	.1	23	2.2
5	BF	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
6	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
7	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
8	BF	.0	.0	.0	1.1	.2	.3	.2	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	5.2	1.7	23	5.2
9	BF	.3	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.8	23	.8
10	BF	2.2	.2	.0	3.4	.6	.0	.0	.0	.0	.0	.5	1.3	1.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	3.4
11	BF	7.5	9.9	14.9	6.2	6.1	.8	.2	.2	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	2.6	1.7	.5	.1	23	14.9
12	BF	1.3	2.8	2.1	1.0	AV	AV	AV	1.2	3.0	2.5	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	20	3.0
13	BF	.4	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.7	.2	.0	.0	.0	.0	.0	.0	.0	4.2	23	4.2
14	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
15	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
16	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
17	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
18	BF	.0	.0	.0	.0	.0	.0	.0	.0	1.4	1.4	.9	.5	.3	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	23	1.4
19	BF	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.1	23	7.1
20	BF	67.5	6.3	1.7	1.2	1.0	.9	.6	.5	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.2	15.4	.7	23	67.5
21	BF	.0	.0	.0	.1	.1	.2	.2	.2	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	4.8	13.6	23	13.6
22	BF	1.4	.4	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.4
23	BF	.0	.0	.0	.0	.1	.1	.2	.6	.5	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.6
24	BF	2.2	.7	.0	.2	.1	.2	.5	.3	.2	.2	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	2.2
25	BF	16.1	10.4	9.4	2.4	1.3	1.2	1.1	.6	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	7.9	.3	.0	23	16.1
26	BF	.1	.1	.1	.1	.1	.5	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.6	16.4	7.8	23	16.4
27	BF	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.4	7.6	.4	23	7.6
28	BF	.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
29	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
30	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
31	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
NO.:		31	31	31	31	30	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31			
MAX:		67.5	10.4	14.9	6.2	6.1	1.2	1.8	7.9	3.0	2.5	4.0	2.2	1.7	.7	.3	.2	.2	.2	.4	8.0	7.9	16.4	13.6		
AVG:		3.25	1.01	.92	.52	.33	.14	.18	.40	.31	.18	.23	.20	.15	.05	.03	.01	.01	.01	.02	.36	.62	1.76	1.47		

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: .53 MONTHLY MAX: 67.5

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.

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5

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

LATITUDE: 35.4280000009
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: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JUNE 2014

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

DAY	HOUR 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	.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	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
3	BF	6.3	6.9	8.7	2.4	.4	.2	.2	.3	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.1	23	8.7
4	BF	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.6	.3	1.4	4.8	23	4.8
5	BF	2.2	10.6	9.9	1.2	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	23	10.6
6	BF	.0	.0	.0	.0	.0	BA	BA	BA	BA	BA	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17	0.0
7	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
8	BF	.0	.0	.0	.0	.0	.0	.0	.5	1.3	.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.3
9	BF	.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
10	BF	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.2	.0	.0	.0	.3	.8	23	.8
11	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
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	4.7	3.9	.2	.0	2.1	.9	.2	.1	.0	.0	.3	.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	4.7
14	BF	.0	.4	.0	.0	.3	.0	.3	.3	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
15	BF	.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
16	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.6	.0	.0	.0	.0	.0	3.8	4.3	4.6	23	4.6
17	BF	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.1	.6	.0	23	4.1
18	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	7.6	.4	23	7.6
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	23	0.0
20	BF	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	23	.9
21	BF	.0	.0	.0	2.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.7	.0	23	2.5
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	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	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	23	0.0
25	.0	.0	.0	.0	.0	BF	1.8	1.2	2.2	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	23	2.2
26	12.7	2.4	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0	23	12.7
27	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	.1	.0	.0	.0	.0	.0	23	1.6
28	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
29	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
30	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
31																									0	
NO.:	5	30	30	30	30	25	29	29	29	29	29	29	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	12.7	6.3	10.6	9.9	2.5	2.1	1.8	1.2	2.2	1.3	.9	.3	.2	.2	.8	.6	0.0	1.6	.2	.2	.9	4.1	7.6	4.8		
AVG:	2.54	.53	.73	.66	.20	.14	.11	.07	.12	.08	.04	.02	.02	.01	.04	.03	0.00	.09	.01	.01	.05	.31	.56	.40		

MONTHLY OBSERVATIONS: 684 MONTHLY MEAN: .20 MONTHLY MAX: 12.7

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.

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5

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

LATITUDE: 35.4280000009
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: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JULY 2014

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

DAY	HOUR 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	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	23	1.1
2	.0	3.0	19.4	8.8	5.8	BF	.7	1.1	1.8	3.0	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	19.4
3	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
4	.0	AV	AV	AV	AV	AV	AV	AV	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17	1.9
5	.0	.1	.3	.0	.0	BF	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
6	.0	.0	.0	.0	.0	BF	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.7
7	4.1	6.1	.0	.0	.0	BF	.5	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	5.1	6.4	.3	23	6.4
8	14.9	5.0	9.5	6.9	6.0	BF	1.0	.0	.0	.0	.0	.0	.1	1.6	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	14.9
9	.0	.0	.5	8.0	.3	BF	2.3	.0	.0	.0	.7	.3	.7	.0	.2	.0	.0	.0	.0	.0	.0	4.0	.5	.0	23	8.0
10	.0	.0	.0	.0	2.6	BF	.4	.4	2.5	.0	.0	.0	.0	.7	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	23	2.6
11	.0	.0	.0	1.1	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.1
12	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
13	.0	.0	.0	.0	.0	BF	.0	.0	.0	.8	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	3.9	23	3.9
14	.3	2.5	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.3	6.3	23	6.3
15	14.5	6.9	1.1	10.1	2.5	BF	17.4	5.0	.4	.6	.0	.0	.0	2.6	.0	.0	1.7	11.9	11.8	.0	.0	.0	4.5	2.8	23	17.4
16	4.9	.4	6.9	4.5	.0	BF	2.4	5.5	1.6	1.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	6.9
17	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
18	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
19	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
20	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
21	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
22	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	23	.6
23	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	4.6	2.9	.0	23	4.6
24	8.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	23	8.0
25	.5	.0	.0	.0	.0	BF	.0	.0	.0	.0	BA	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	.5
26	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8	3.4	23	6.8
27	1.3	3.5	.0	.0	5.6	BF	1.8	3.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	2.3	.0	2.2	.3	23	5.6
28	.0	4.5	10.0	6.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	6.7	.0	.0	.0	23	10.0
29	.0	.0	.0	.0	.0	BF	.0	.0	.7	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.7
30	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
31	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
NO.:	31	30	30	30	30		30	30	31	31	29	30	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	14.9	6.9	19.4	10.1	6.0		17.4	5.5	2.5	3.0	.7	.3	1.1	2.6	2.7	3.5	1.7	11.9	11.8	1.0	6.7	5.1	6.8	6.3		
AVG:	1.56	1.07	1.59	1.51	.76		.88	.51	.25	.27	.06	.04	.08	.16	.10	.14	.05	.38	.38	.05	.29	.44	.83	.60		

MONTHLY OBSERVATIONS: 704 MONTHLY MEAN: .52 MONTHLY MAX: 19.4

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.

(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: 35.4280000009
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: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: AUGUST 2014

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

DAY	HOUR 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	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
2	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
3	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
4	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	1.4	1.2	.0	.0	.0	.0	.0	.0	.0	.0	23	1.4
5	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
6	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	.0	.0	23	2.7
7	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
8	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
9	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
10	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
11	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
12	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
13	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
14	.0	.0	.0	.0	.0	BF	.0	.0	.0	.2	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
15	.6	1.9	1.8	1.2	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	1.3	1.0	.0	.0	.0	.0	.0	.0	2.5	3.3	23	3.3
16	21.5	9.0	8.2	.8	1.1	BF	10.5	.9	.1	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	3.4	5.9	6.2	5.2	.0	23	21.5
17	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
18	.0	.0	.0	.0	.0	BF	.0	.0	1.3	5.1	.6	.0	.0	.0	AV	AV	.0	.0	.0	.0	.0	.0	2.4	9.9	21	9.9
19	5.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	5.0
20	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.5	23	1.1
21	3.4	9.3	10.2	3.2	1.3	BF	2.0	4.0	5.2	4.5	5.4	1.3	.5	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	23	10.2
22	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
23	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
24	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
25	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
26	.0	.0	.0	.0	.0	BF	.0	.0	BA	BA	BA	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19	0.0
27	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
28	.0	.0	.0	.0	.0	BF	.0	.0	.0	BA	BC	BC	BC	.4	.3	.3	.2	.1	.0	.1	.0	.0	.1	.3	19	.4
29	.6	.4	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.6
30	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
31	.0	.0	.0	.0	.0	BF	.0	.3	3.3	.9	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	3.3
NO.:	31	31	31	31	31		31	31	30	29	29	29	30	31	30	30	31	31	31	31	31	31	31	31		
MAX:	21.5	9.3	10.2	3.2	1.3		10.5	4.0	5.2	5.1	5.4	1.3	.8	.4	1.4	1.2	.2	.1	0.0	3.4	5.9	6.2	5.2	9.9		
AVG:	1.00	.66	.65	.17	.08		.40	.17	.33	.37	.22	.07	.05	.02	.10	.08	.01	0.00	0.00	.13	.19	.29	.36	.45		

MONTHLY OBSERVATIONS: 703 MONTHLY MEAN: .25 MONTHLY MAX: 21.5

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.

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5

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

LATITUDE: 35.4280000009
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: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: SEPTEMBER 2014

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

DAY	HOUR 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	.6	1.6	BF	.1	.0	.0	.0	.2	.2	.3	.5	.0	.0	.0	.0	.0	.0	.0	1.2	1.6	.3	23	1.6
2	.0	.0	.0	.0	.0	BF	.0	.4	.1	.1	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	10.6	18.7	1.2	23	18.7
3	.3	.1	.0	.0	3.3	BF	7.8	9.9	1.7	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4	.3	23	9.9
4	.0	.0	.0	.0	.6	BF	7.8	8.1	1.1	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	23	8.1
5	.0	.0	.0	.0	4.8	BF	.7	1.6	.6	1.1	.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	23	4.8
6	.0	.9	2.2	.2	.9	BF	.8	2.8	5.6	2.4	.4	.1	.0	.0	.1	.0	.0	.0	.0	.0	7.3	12.5	20.8	8.2	23	20.8
7	3.0	12.7	7.1	.4	.0	BF	.0	.1	.0	.0	.0	.0	.0	.0	.0	AN	AN	AN	AN	AN	AN	AN	AN	AN	14	12.7
8	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	
9	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13	0.0
10	.0	.0	.0	.0	.0	BF	.0	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
11	.0	.0	.0	1.9	14.8	BF	1.1	.5	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.6	14.9	5.6	2.5	1.0	23	14.9
12	7.8	3.6	2.7	1.4	.2	BF	.1	.0	.0	.0	.2	.3	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	7.8
13	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.4	1.1	.0	.0	.2	.0	.6	.0	.0	.0	.0	.0	.0	23	1.1
14	.0	.0	.2	.4	.1	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
15	.0	.0	.0	.0	.0	BF	.0	.4	.3	.3	.2	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
16	.0	.0	1.1	1.9	1.7	BF	.8	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.9
17	.0	.0	.0	.0	.0	BF	.0	.0	.0	.1	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
18	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
19	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
20	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
21	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	23.0	9.4	.8	.4	23	23.0
22	.1	.1	.1	.2	.2	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	23	.2
23	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
24	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
25	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
26	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
27	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
28	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
29	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
30	.0	.0	.0	.0	.0	BF	.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	28	28	28	28		28	28	28	28	28	29	29	29	29	28	28	28	28	28	28	28	28	28		
MAX:	7.8	12.7	7.1	1.9	14.8		7.8	9.9	5.6	2.4	.6	.5	1.1	.5	.2	.2	.1	.6	.2	5.2	23.0	12.5	20.8	8.2		
AVG:	.40	.62	.48	.25	1.01		.69	.87	.36	.17	.08	.07	.08	.03	.02	.01	0.00	.03	.01	.21	1.61	1.40	1.88	.41		

MONTHLY OBSERVATIONS: 648 MONTHLY MEAN: .46 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.

(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: 35.4280000009
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: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: OCTOBER 2014

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	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
2	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
3	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
4	.0	.0	.0	.0	2.4	BF	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	2.4
5	.0	.0	.0	.0	.0	BF	.0	.0	.1	.1	.1	.2	.1	.1	.1	.0	.1	.0	.0	1.2	6.1	9.2	1.4	.9	23	9.2
6	.7	.5	.3	.1	.1	BF	.2	.5	10.4	.9	.4	.2	.2	.3	.3	.3	.2	.3	.5	.3	.4	.4	.2	.7	23	10.4
7	5.5	8.2	3.1	1.7	1.0	BF	.6	3.8	5.9	2.5	3.5	1.7	.8	.8	.7	.5	.3	.3	.3	.1	.1	.0	.0	.1	23	8.2
8	.0	6.0	5.7	17.4	3.7	BF	11.7	1.2	.6	.5	.4	.4	.3	.2	.1	.1	.1	.1	.1	1.6	.5	.2	.5	.4	23	17.4
9	.1	.0	.0	.0	.0	BF	.0	.1	.3	.5	.4	.4	.3	.3	.3	.2	1.4	1.0	.2	.2	.2	.2	.1	.1	23	1.4
10	7.0	3.7	.7	.5	.5	BF	1.9	1.9	5.2	3.8	1.4	.8	.5	.4	.3	.2	.2	.3	.1	.0	.1	.0	.0	.0	23	7.0
11	2.3	.7	.3	.1	2.8	BF	4.8	3.5	1.0	.5	.2	.2	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	4.8
12	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
13	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
14	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
15	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
16	.0	.0	.0	.0	.0	BF	.0	5.7	16.3	2.3	.5	.4	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	16.3
17	.0	.0	.0	.0	.0	BF	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	7.7	6.0	22.4	7.2	.8	.3	23	22.4
18	.2	.3	.4	.2	.1	BF	.1	.1	.0	.1	.1	.2	.2	.2	.2	.2	.2	.2	.1	.0	.0	.0	.0	.0	23	.4
19	.0	.0	.0	.0	.0	BF	.0	.0	.0	.1	.1	.0	.2	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	23	.2
20	.0	.0	.0	.1	.0	BF	.1	.1	1.3	3.1	1.1	.3	1.4	1.7	2.6	.1	.2	.3	.2	.1	.1	.0	.0	.0	23	3.1
21	.0	.0	.0	.0	.1	BF	.3	.3	.1	.2	AV	AV	.3	.1	.0	.3	.3	.2	.0	.4	.5	.3	.1	.0	21	.5
22	.0	.0	.0	.1	.1	BF	.1	.1	.1	.4	.4	.2	.1	.2	.1	.0	.2	.0	.1	.0	.0	.0	.2	.2	23	.4
23	.4	.4	.4	.2	.1	BF	.1	.1	BA	BA	BA	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	20	.4
24	.1	.0	.1	.0	.0	BF	.2	.1	.2	.3	.4	.4	.3	.4	.3	.3	.2	.2	.0	.1	.1	.1	.0	.0	23	.4
25	.1	.1	.1	.1	.0	BF	.1	.0	.2	1.3	1.3	1.2	1.1	.9	.8	1.0	1.0	.9	.5	.6	.5	.5	.3	.3	23	1.3
26	.4	.4	.3	.3	.3	BF	.4	.4	.4	.6	.6	.6	.7	.7	.7	.6	.5	.3	.2	.1	.0	.1	.1	.1	23	.7
27	.0	.1	.1	.0	.1	BF	.1	.1	.3	.4	.4	.4	.5	.4	3.4	3.3	.4	.3	.2	.2	.1	.1	.2	.1	23	3.4
28	.2	.1	.1	.0	.1	BF	.1	.1	.2	.4	.4	.5	.5	.4	.3	.2	.4	.3	.4	.3	.5	.6	.4	.6	23	.6
29	4.6	12.9	12.2	9.1	2.8	BF	.7	.5	.4	.4	.8	.4	.3	.2	.1	.1	.0	.2	.7	.2	.1	.7	.1	.0	23	12.9
30	.0	.0	.0	.0	.0	BF	.0	.0	.0	.2	.3	.3	.4	.4	.4	.4	.4	.0	.0	.1	.0	.0	.1	.0	23	.4
31	.0	.0	.0	.0	.0	BF	.1	.1	.2	.1	.2	.2	.1	.1	.1	.2	.3	.2	.2	.1	.1	.0	.0	.0	23	.3
NO.:	31	31	31	31	31		31	31	30	30	29	30	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	7.0	12.9	12.2	17.4	3.7		11.7	5.7	16.3	3.8	3.5	1.7	1.4	1.7	3.4	3.3	1.4	1.0	7.7	6.0	22.4	9.2	1.4	.9		
AVG:	.70	1.08	.77	.96	.46		.71	.60	1.44	.63	.45	.31	.27	.26	.35	.28	.25	.17	.37	.38	1.03	.63	.15	.12		

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: .54 MONTHLY MAX: 22.4

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.

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5

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

LATITUDE: 35.4280000009
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: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: NOVEMBER 2014

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	.0	BF	.0	.1	.3	.5	.7	.5	.3	.2	.2	.0	.0	.1	.1	.0	.0	.1	.2	.0	23	.7
2	.2	.2	.5	.7	.7	BF	.8	.5	.4	.6	.7	.8	.8	.7	.5	.5	.3	.3	.4	.4	.3	.4	.5	.4	23	.8
3	.3	.5	.4	.4	.4	BF	.4	.6	1.0	1.1	1.2	1.1	1.0	.9	.8	.8	.7	.7	.8	1.0	1.0	.8	.7	.7	23	1.2
4	.6	.7	.6	.6	.7	BF	.8	.9	1.0	.9	.7	.7	.7	.6	.6	.6	.6	.7	.9	.7	.7	.9	1.7	.9	23	1.7
5	1.0	3.8	7.9	4.7	1.2	BF	.7	.6	.8	.9	1.1	1.1	.7	.7	.5	.4	.7	.5	.4	.4	.3	.2	.3	.5	23	7.9
6	.4	.4	2.2	3.0	1.3	BF	2.2	1.8	3.5	2.2	6.5	2.5	1.1	2.2	5.0	2.5	.6	.3	.3	.3	3.9	10.1	.5	.3	23	10.1
7	.3	.3	.2	.2	.4	BF	.4	.4	.4	.3	.3	.3	.4	.6	.8	.6	.6	.5	.4	.4	.4	.4	.4	.3	23	.8
8	.3	.2	.3	.3	.3	BF	.4	.3	.5	.6	.6	.6	1.9	.6	.5	.5	.3	.3	.2	.3	.3	.3	.2	.2	23	1.9
9	.3	.3	.2	.2	.2	BF	.3	.3	.3	.3	.4	.4	.4	.5	.5	.5	.4	.4	.3	.2	.2	.2	.3	.2	23	.5
10	.3	.1	.2	.2	.2	BF	.3	.2	.3	.4	.7	.7	.6	.6	.6	.6	.5	.4	.4	.4	.4	.3	.4	.3	23	.7
11	.3	.3	.2	.2	.2	BF	.3	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.0	.0	.1	.1	.0	.0	.0	23	.3
12	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.2	.2	.4	.6	.4	.4	.4	.2	.1	.0	.0	.0	.0	.0	23	.6
13	.0	.0	.0	.1	.1	BF	.4	.3	.3	.4	.4	.4	.4	.2	.1	.1	.0	.0	.0	.1	.1	.0	.0	.1	23	.4
14	.1	.3	.6	.8	.9	BF	.8	.9	.9	.8	.7	.9	.9	.9	.7	.9	1.0	.7	.6	.6	.6	.5	.5	.5	23	1.0
15	.5	.5	.6	.7	.8	BF	.8	.9	1.1	1.4	1.2	1.1	1.2	1.1	1.0	1.0	.8	.7	.6	.5	.5	.5	.4	.4	23	1.4
16	.4	.4	.4	.4	.4	BF	.6	.6	.6	.6	.6	.7	.6	.6	.5	.5	.5	.5	.4	.4	.3	.4	.3	.3	23	.7
17	.3	.3	.3	.2	.2	BF	.3	.2	.2	.2	.2	.3	.4	.3	.2	.2	.2	1.2	.6	.4	.6	3.6	1.1	.5	23	3.6
18	.5	.7	.5	.5	.4	BF	.3	.3	.3	.4	.4	.4	.4	.5	.5	.6	.6	.6	1.1	.8	.5	.5	.4	.5	23	1.1
19	.6	.5	.4	.4	.4	BF	.5	.4	.6	1.0	1.0	1.1	.8	.8	.9	3.3	2.0	1.5	.9	1.0	6.8	14.0	1.6	1.1	23	14.0
20	1.0	.9	1.0	1.0	1.1	BF	1.1	1.1	1.5	1.5	1.6	1.6	1.2	1.1	1.0	.8	.9	1.1	1.1	1.1	2.0	1.6	2.1	1.4	23	2.1
21	1.2	1.1	.9	.9	.7	BF	.9	.9	1.0	1.4	1.5	1.5	BA	1.5	1.4	1.3	1.2	1.0	.9	.8	.8	.7	.6	.7	22	1.5
22	.7	.5	.6	.5	.6	BF	.7	.6	.9	1.1	1.3	1.2	3.1	11.3	5.9	3.3	2.2	1.1	.8	.8	.7	.6	.6	.6	23	11.3
23	.5	.5	.6	.6	.5	BF	.6	.5	.6	.6	.7	.8	.9	.7	.7	.6	.5	.5	.4	.5	.5	.4	.5	.4	23	.9
24	.4	.3	AV	AV	AV	BF	.4	.2	.3	.2	.3	.8	.7	.4	.4	.3	.2	.3	.3	.4	.7	.7	4.0	2.8	20	4.0
25	1.5	.9	.8	.6	.8	BF	.9	.6	1.2	.7	.5	.4	.4	.3	.3	.1	.2	.2	.1	.1	.2	.2	.0	.1	23	1.5
26	.1	.0	.0	.1	.1	BF	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.1	23	.1
27	.1	.1	.1	.2	.1	BF	.3	.2	.2	.4	.4	.3	.9	.8	.4	.2	.2	.2	.2	.2	.3	.2	.3	.3	23	.9
28	.3	.5	.4	.4	.4	BF	.5	.4	.5	.6	.6	.6	.6	.5	.7	.6	.5	.5	.5	.4	.3	.4	.3	.3	23	.7
29	.3	.4	.3	.4	.3	BF	.4	.4	.5	2.6	2.5	3.1	1.0	.8	.7	.7	.7	.7	.6	.6	.6	.5	.6	.8	23	3.1
30	.5	.5	.4	.3	.4	BF	.4	.4	.6	.9	1.3	.9	.6	.5	1.0	.6	1.3	.6	.8	.8	.8	.9	1.9	1.8	23	1.9
31																									0	
NO.:	30	30	29	29	29		30	30	30	30	30	30	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:	1.5	3.8	7.9	4.7	1.3		2.2	1.8	3.5	2.6	6.5	3.1	3.1	11.3	5.9	3.3	2.2	1.5	1.1	1.1	6.8	14.0	4.0	2.8		
AVG:	.43	.51	.71	.64	.48		.55	.49	.67	.76	.95	.84	.78	1.02	.90	.75	.61	.53	.48	.46	.80	1.32	.68	.55		

MONTHLY OBSERVATIONS: 686 MONTHLY MEAN: .69 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.

(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: 35.4280000009
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: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: DECEMBER 2014

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

DAY	HOUR 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	1.4	1.0	.8	.8	BF	.9	1.1	.9	1.1	1.3	1.2	1.0	.8	.7	.7	.6	1.7	1.3	.9	1.0	.8	.9	.8	23	1.7
2	.6	.5	.5	.4	.4	BF	.4	.3	.3	.3	.4	.3	.3	.3	.3	.2	.3	.2	.2	.2	.3	.2	.2	.2	23	.6
3	.2	.2	.2	.2	.1	BF	.1	.2	.2	.2	.5	.6	.7	.4	.4	.4	.4	.2	.3	.3	.3	.2	.3	.2	23	.7
4	.2	.1	.2	.3	.2	BF	.3	.3	.3	.5	.5	.5	.5	.6	.7	1.0	.7	.5	.5	.6	.8	.6	.5	.5	23	1.0
5	.6	.6	.6	.5	.5	BF	.5	.5	.6	.7	.6	.7	.6	.7	.6	.5	.5	.4	.4	.4	.4	.3	.4	.2	23	.7
6	.3	.2	.2	.2	.2	BF	.3	.3	.3	.3	.3	.7	1.3	2.7	1.3	.6	.4	.4	.4	.3	.2	.1	.1	.2	23	2.7
7	.2	.2	.1	.2	.2	BF	.4	.2	.2	.4	.4	.4	.4	.3	.3	.4	.3	.4	.3	.4	.4	.4	.5	.4	23	.5
8	.4	.4	.4	.4	.4	BF	.4	.4	.4	.4	.4	.4	.4	.3	.3	.3	.2	.3	.3	.3	.2	.3	.3	.2	23	.4
9	.3	.2	.3	.2	.2	BF	.3	.3	.2	.2	.2	.2	.3	.2	.2	.2	.3	.3	.2	.2	.3	.3	.2	.3	23	.3
10	.6	.8	.8	1.1	.8	BF	.5	.5	.7	1.0	1.2	1.1	1.1	1.2	1.2	1.2	1.2	1.1	.8	.7	.7	1.0	1.0	.9	23	1.2
11	.8	.9	1.3	.8	.8	BF	.7	.6	.8	.9	1.0	1.1	1.2	1.0	.8	.8	.9	.9	.7	.7	.6	.7	.8	.6	23	1.3
12	1.2	1.0	1.2	1.6	1.7	BF	1.1	1.1	1.4	1.4	1.4	1.5	1.3	1.3	1.3	1.1	1.1	1.3	.9	.8	.7	.9	.7	.6	23	1.7
13	.7	.6	.5	.5	.5	BF	.5	.6	.6	1.1	1.8	1.5	1.7	1.7	1.8	1.7	1.4	1.2	1.1	.7	.6	.9	1.1	1.3	23	1.8
14	1.2	.9	.8	.9	.8	BF	.7	.6	.6	.9	1.3	1.3	1.2	1.1	1.0	1.0	.9	.9	.6	.6	.6	.5	.7	.6	23	1.3
15	.5	.4	.4	.4	.6	BF	.5	.5	.5	.5	.9	1.0	1.0	1.0	.9	.8	.8	.6	.6	.6	.5	.4	.4	.4	23	1.0
16	.4	.4	.4	.4	.4	BF	.5	.5	.4	.4	1.0	2.1	1.8	1.8	.8	.9	.9	.7	.6	1.7	1.3	1.2	.9	.6	23	2.1
17	.5	.5	.4	.5	.4	BF	.6	.6	.6	.8	.7	.7	.8	.7	.7	.7	.5	.8	.5	.3	.5	.5	.6	.5	23	.8
18	.3	.5	.5	.5	.5	BF	.5	.5	.5	1.2	1.2	1.2	1.0	1.0	.9	1.0	.9	.7	.6	.6	.5	.4	.5	.4	23	1.2
19	.5	.4	.5	.5	.5	BF	.5	.5	.5	.7	.9	1.3	1.4	1.5	1.4	1.3	1.1	.7	.6	.5	.5	.5	.5	.5	23	1.5
20	.5	.6	.5	.5	.5	BF	.7	.6	.8	1.1	1.5	1.5	1.2	1.4	1.4	1.4	1.3	1.0	.8	1.0	.9	.9	.9	.9	23	1.5
21	.9	.8	.6	.6	.6	BF	.6	.6	.8	1.3	1.8	1.8	1.5	1.5	1.5	1.3	1.3	.9	.8	.9	1.1	1.1	1.0	1.0	23	1.8
22	.9	.7	.8	.7	.7	BF	.7	.7	.6	.6	.5	.5	.5	.4	.5	.4	.5	.5	.4	.4	.5	.4	.4	.4	23	.9
23	.4	.4	.4	.4	.4	BF	.4	.4	.3	.4	.4	.4	.4	.4	.4	.4	.3	.4	.3	.3	.3	.3	.4	.3	23	.4
24	.3	.3	.4	.3	.3	BF	.3	.3	.3	.2	.3	.2	.2	.7	.5	.4	1.9	8.9	3.4	1.1	.7	.5	.5	.5	23	8.9
25	.3	1.3	.7	.5	.6	BF	.6	.4	.3	.3	.4	.4	.3	.3	.4	.4	.3	.2	.4	.3	.2	.2	.2	.2	23	1.3
26	.3	.2	.3	.2	.3	BF	.3	.3	.3	.3	.5	.6	.6	.6	.6	.6	.5	.5	.4	.4	.4	.3	.3	.3	23	.6
27	.3	.3	.3	.3	.7	BF	.3	.4	.3	.4	1.3	2.0	1.7	1.6	1.8	.7	.4	.5	.4	.3	.3	.3	.5	.4	23	2.0
28	.4	.5	1.0	.9	1.0	BF	.8	.9	1.4	1.9	1.6	1.2	.8	.8	.7	.6	.4	.3	.5	.4	.3	.3	.2	.2	23	1.9
29	.2	.3	.2	.2	.1	BF	.2	.2	.3	.2	.2	.2	.3	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.3
30	.2	.2	.2	.3	.3	BF	.4	.4	.3	.4	.3	.3	.4	.3	.3	.3	.4	.4	.4	.4	.5	.3	.3	.3	23	.5
31	.4	.4	.4	.4	.4	BF	.4	.3	.5	.7	.9	1.2	1.3	1.4	2.3	1.2	1.0	.8	.8	.9	.9	1.1	1.0	.8	23	2.3
NO.:	31	31	31	31	31		31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	1.5	1.4	1.3	1.6	1.7		1.1	1.1	1.4	1.9	1.8	2.1	1.8	2.7	2.3	1.7	1.9	8.9	3.4	1.7	1.3	1.2	1.1	1.3		
AVG:	.52	.52	.52	.51	.51		.50	.49	.52	.67	.83	.91	.88	.91	.84	.73	.71	.90	.64	.56	.54	.52	.53	.48		

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: .64 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.

(42401) Sulfur dioxide

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

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

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JANUARY 2014

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	
9																										0	
10																										0	
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14																										0	
15																										0	
16																										0	
17																										0	
18																										0	
19																										0	
20																										0	
21																										0	
22																										0	
23												.6	.4	.2	.3	.2	.2	.2	.0	.0	.0	.1	.1	.4	.3	14	.6
24	BF	1.0	1.3	1.6	1.5	1.4	1.4	1.5	1.9	1.7	1.7	1.4	1.2	.9	.8	.4	.3	.2	.0	.0	.0	.0	.0	.0	.1	23	1.9
25	BF	.1	.0	.0	.1	.2	.5	.7	.6	.6	.6	.7	1.9	.9	.6	.5	.4	.9	.9	1.0	1.0	1.0	1.2	1.2	1.9	23	1.9
26	BF	.6	.0	.0	.0	.0	.0	.0	.0	.7	.7	.4	.5	.3	.3	.3	.3	.2	.4	.4	.8	.7	.6	.4	.8	23	.8
27	BF	.5	.2	.9	.7	.7	.7	.5	.5	.6	.7	.6	.7	.6	.6	.5	.6	.3	.1	.3	.4	.3	.5	.5	.9	23	.9
28	BF	.5	.9	1.2	.6	.6	.8	2.2	3.5	2.1	1.2	1.1	.8	1.2	1.7	1.4	1.0	2.1	.2	.0	.0	.0	.0	.0	3.5	23	3.5
29	BF	.0	.0	.7	1.7	2.0	.6	.1	.2	.8	1.2	1.6	1.8	2.2	1.9	1.8	1.8	2.5	2.2	1.1	.6	.1	.0	.0	2.5	23	2.5
30	BF	.0	.1	.0	.0	.0	.0	.1	.1	.5	3.5	2.9	2.5	2.2	2.0	1.7	1.6	1.2	.5	.2	.1	.0	.1	.1	3.5	23	3.5
31	BF	.1	.0	.1	.0	.0	.0	.0	.1	.8	1.6	1.5	2.0	2.3	2.3	2.2	1.2	.8	.5	.3	.4	.4	.2	.0	2.3	23	2.3
NO.:		8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9			
MAX:		1.0	1.3	1.6	1.7	2.0	1.4	2.2	3.5	2.1	3.5	2.9	2.5	2.3	2.3	2.2	1.8	2.5	2.2	1.1	1.0	1.0	1.2	1.2			
AVG:		.35	.31	.56	.58	.61	.50	.64	.86	.98	1.31	1.18	1.29	1.21	1.16	1.00	.82	.91	.53	.37	.38	.29	.33	.29			

MONTHLY OBSERVATIONS: 198 MONTHLY MEAN: .72 MONTHLY MAX: 3.5

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.

(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: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: FEBRUARY 2014

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

DAY	HOUR 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	.1	.0	.1	.1	.0	.2	.2	1.0	1.6	1.6	1.5	1.4	1.3	1.0	.7	.9	.4	.3	.2	.2	.2	.2	23	1.6
2	BF	.3	.1	.1	.0	.0	.0	.0	.0	.1	.4	.3	.5	.4	.3	.4	.3	.2	.0	.0	.0	.0	.0	.0	23	.5
3	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
4	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
5	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
6	BF	.0	.0	.2	.0	.2	.2	.0	.4	1.6	2.3	2.2	1.7	1.3	1.2	1.2	1.1	.3	.0	.0	.0	.0	.0	.0	23	2.3
7	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.6	.6	.4	.5	.3	.3	.4	.1	.0	.0	.0	.0	.0	.0	23	.6
8	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.7	.6	.8	.9	.9	.8	.6	.4	.0	.0	.0	.0	.0	.0	23	.9
9	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.6	.6	.7	.7	.8	.9	.9	.1	.0	.0	.0	.0	.0	23	.9
10	BF	.0	.0	.0	.0	.0	.0	.0	.5	3.0	AZ	AZ	AZ	AZ	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19	3.0
11	BF	.0	.0	.0	.0	.0	.0	.0	.1	.6	1.1	1.1	1.3	1.4	1.5	1.8	1.9	1.6	1.5	1.5	1.5	1.3	1.1	1.0	23	1.9
12	BF	1.8	2.2	2.5	2.8	2.9	2.8	3.0	3.1	2.5	2.1	1.8	1.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	23	3.1
13	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
14	BF	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.8	.5	.3	.2	.2	.1	.4	.3	.3	.0	.0	.0	.0	23	.8
15	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	3.6	1.3	.8	.9	1.0	1.1	1.0	.7	.6	.7	.7	1.0	23	3.6
16	BF	.6	.6	.5	.4	.4	.4	.0	.2	.5	.7	1.0	.7	.7	.6	.4	.2	.3	.0	.0	.0	.0	.0	.0	23	1.0
17	BF	.0	.0	.0	.0	.0	.0	.0	.2	1.9	2.2	2.4	2.1	1.9	1.7	1.7	1.5	1.4	1.0	.2	.0	.9	1.1	1.2	23	2.4
18	BF	.5	.1	.1	.1	.1	.2	BA	.5	1.3	1.1	.6	.6	.3	.2	.2	.2	.1	.0	.0	.1	.1	.1	.0	22	1.3
19	BF	.1	.0	.1	.1	.0	.0	.0	.0	.1	.0	.1	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
20	BF	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.3	.5	.5	.5	.8	.6	.0	.0	.0	.5	.1	.0	23	.8
21	BF	.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
22	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	23	.2
23	BF	.0	.0	.0	.0	.0	.0	.0	.0	1.1	1.9	1.0	1.4	1.3	1.0	1.4	1.0	.8	.6	.2	.0	.0	.0	.0	23	1.9
24	BF	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	.0	.0	.0	.2	.6	.1	.1	.0	.0	.0	.0	.0	.0	23	.6
25	BF	.0	.0	.0	.0	.0	.0	.0	.3	.8	.8	.6	.8	.8	.6	.7	1.6	2.6	1.4	.6	.5	.4	.3	.4	23	2.6
26	BF	.6	.9	.7	.7	.6	.7	.5	.7	.6	.7	1.6	1.8	1.7	1.4	1.2	1.1	1.0	.6	.4	.2	.3	.3	.3	23	1.8
27	BF	.4	.1	.2	.0	.0	.1	.0	1.2	1.2	.9	.9	.9	.7	.7	.8	.7	.2	.2	.1	.0	.2	.2	.1	23	1.2
28	BF	1.1	1.5	1.8	1.8	1.4	1.7	1.8	1.6	1.3	1.2	1.4	1.6	1.8	2.6	1.7	1.5	1.3	1.1	.5	.5	.3	.7	1.1	23	2.6
29																									0	
30																									0	
31																									0	
NO.:		28	28	28	28	28	28	27	28	28	27	27	27	27	28	28	28	28	28	28	28	28	28	28		
MAX:		1.8	2.2	2.5	2.8	2.9	2.8	3.0	3.1	3.0	2.3	2.4	3.6	1.9	2.6	1.8	1.9	2.6	1.5	1.5	1.5	1.3	1.1	1.2		
AVG:		.20	.20	.22	.21	.20	.22	.20	.33	.66	.73	.78	.84	.67	.60	.60	.56	.52	.30	.17	.13	.18	.17	.19		

MONTHLY OBSERVATIONS: 639 MONTHLY MEAN: .38 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.

(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: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MARCH 2014

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

DAY	HOUR 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	1.3	1.0	1.0	1.0	.8	1.1	1.2	1.5	1.2	.9	.7	.5	.6	.8	.7	.7	.7	.5	.5	.3	.1	.2	.1	23	1.5
2	BF	.2	.1	.2	.2	.1	.0	.1	.1	.7	.8	.9	.8	.8	.9	.7	.8	.9	.9	.9	1.0	.9	.8	.7	23	1.0
3	BF	.6	.5	.7	.5	.5	.4	.1	.7	.4	.3	.0	.0	.2	.5	.3	.1	.0	.3	.8	1.2	2.7	.7	.5	23	2.7
4	BF	.7	.9	1.2	1.2	1.5	1.6	1.5	1.7	1.3	1.2	1.1	1.1	1.3	1.0	1.3	1.6	1.3	1.6	1.4	1.4	1.4	1.1	.8	23	1.7
5	BF	1.3	1.2	1.1	1.1	2.0	3.1	3.3	3.3	5.6	9.5	5.3	2.7	2.5	4.0	4.3	4.1	3.6	3.4	1.6	.8	.4	.2	.3	23	9.5
6	BF	4.1	4.1	3.8	4.3	3.9	3.3	3.1	2.5	2.2	2.0	1.8	1.4	1.3	1.1	.8	.8	.4	.3	.2	.2	.2	.3	.3	23	4.3
7	BF	.2	.1	.2	.2	.3	.2	.4	.2	.2	.3	.2	.2	.3	.3	.4	.5	.7	.4	.2	.1	.1	.1	.0	23	.7
8	BF	.3	.2	.1	.2	.1	.0	.1	.1	.2	.4	.9	.7	.7	.4	.5	.4	.4	.5	.3	.1	.2	.1	.2	23	.9
9	BF	.2	.0	.1	.0	.2	.1	.1	.8	1.1	1.1	1.0	.9	.8	.9	1.0	.9	.7	.5	.3	.2	.1	.1	.1	23	1.1
10	BF	.1	.0	.1	.0	.1	.1	.5	.4	.7	.5	.4	.2	.3	.4	.7	.7	.7	.4	.4	.4	.2	.3	.1	23	.7
11	BF	.2	.1	.2	.1	.1	.2	.2	.3	.3	.4	.4	.4	.4	.5	.2	.6	.5	.5	.3	.4	.2	.2	.1	23	.6
12	BF	.3	.5	.3	.3	.4	.4	.5	.3	.3	.3	.2	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.2	.4	23	.5
13	BF	.3	.4	.2	.0	.2	.2	.4	.1	.4	.2	.4	.5	.5	.4	.4	.4	BA	.6	.1	.3	.1	.1	.2	22	.6
14	BF	.3	.0	.1	.1	.2	.3	.3	.5	.4	.5	.4	.6	.5	.3	.7	.9	.9	.7	.3	.6	.8	.8	.8	23	.9
15	BF	1.1	1.6	1.8	1.6	1.5	1.1	.8	.7	.7	.8	.7	.8	.8	.7	.6	.7	.7	.5	.4	.4	.3	.4	.1	23	1.8
16	BF	.2	.2	.2	.2	.2	.0	.4	1.0	.9	.8	.6	.5	.4	.2	.3	.3	.3	.3	.3	.2	.2	.1	.0	23	1.0
17	BF	.1	.2	.1	.1	.2	.2	.2	.0	.3	.2	.2	.2	.2	.1	.1	.1	.1	.1	.3	.2	.3	.2	.3	23	.3
18	BF	.3	.3	.2	.7	.8	.4	.5	.2	.9	.5	.5	.4	.4	.2	.4	.4	.4	.2	.2	.2	.2	.2	.2	23	.9
19	BF	.2	.2	.3	.5	.8	.7	.8	.5	.4	.2	.3	.1	.2	.3	.1	.3	.0	.3	.1	.3	.1	.1	.1	23	.8
20	BF	.1	.1	.1	.1	.1	.1	.2	.2	.8	.8	.3	.3	.3	.4	.4	.4	.6	.4	.3	.1	.1	.2	.3	23	.8
21	BF	.2	.1	.1	.2	.1	.3	.2	.7	.8	.5	.3	.4	.4	.3	.4	.4	.5	.6	.4	.5	.5	.7	.7	23	.8
22	BF	.7	.6	.5	.7	.6	.5	.8	.8	.9	1.0	1.0	.9	.9	.9	.8	.9	.7	.8	.4	.5	.5	.4	.2	23	1.0
23	BF	.3	.2	.1	.2	.1	.1	.8	1.2	1.2	1.4	1.5	1.3	1.0	.7	.8	.7	.7	.3	.1	.2	.0	.1	.0	23	1.5
24	BF	.2	.2	.2	.2	.2	.1	.2	3.1	1.2	1.1	.9	1.0	1.0	1.0	1.3	1.5	1.6	1.1	.5	.3	.3	.3	.5	23	3.1
25	BF	.4	.8	.7	.7	.6	.5	.5	.5	.4	.6	.6	.6	.5	.5	.3	.2	.4	.3	.4	.3	1.0	1.5	.9	23	1.5
26	BF	.8	.8	.8	.7	.6	.5	.6	.6	.5	.4	.6	.6	.7	.6	.7	.5	.5	.5	.4	.3	.3	.3	.3	23	.8
27	BF	.4	.2	.2	.4	.3	.2	.5	.7	1.3	1.4	1.2	1.2	1.1	1.0	1.1	1.2	1.1	.9	.7	.8	.7	.5	.5	23	1.4
28	BF	.5	.4	.4	.4	.8	.5	.4	.9	.9	.8	.7	.6	.5	.4	.7	.4	.4	.4	.2	.4	.3	.2	.3	23	.9
29	BF	.3	.3	.1	.2	.1	.2	.2	.3	.3	.3	.2	.0	.1	.0	.2	.1	.1	.2	.3	.1	.2	.2	.2	23	.3
30	BF	.2	.2	.3	.3	.3	.2	.5	.5	.6	.8	.7	.3	.3	.3	.1	.2	.3	.4	.4	.5	.3	.6	.7	23	.8
31	BF	.8	.6	.5	.4	.2	.5	.6	1.0	.9	.7	.5	.6	.6	.4	.7	.6	.6	.5	.5	.3	.3	.4	.4	23	1.0
NO.:		31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	30	31	31	31	31	31	31		
MAX:		4.1	4.1	3.8	4.3	3.9	3.3	3.3	3.3	5.6	9.5	5.3	2.7	2.5	4.0	4.3	4.1	3.6	3.4	1.6	1.4	2.7	1.5	.9		
AVG:		.55	.52	.51	.54	.58	.55	.65	.82	.90	.99	.79	.64	.63	.63	.68	.69	.67	.60	.43	.41	.42	.37	.33		

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .60 MONTHLY MAX: 9.5

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.

(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: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: APRIL 2014

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

DAY	HOUR 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	.4	.1	.2	.3	.1	.2	.4	.5	.7	1.0	.9	.9	.7	.8	.7	1.1	.8	.7	.4	.5	.4	.4	.5	23	1.1
2	BF	.6	.4	.3	.4	.4	.3	.6	.8	1.1	1.2	.8	.8	1.0	.8	.7	.8	.9	.6	.7	.6	.6	.5	.6	23	1.2
3	BF	.4	.4	.6	.6	.3	.4	.6	.7	.9	1.4	1.3	1.3	1.3	1.0	1.5	1.0	1.2	.7	.5	.4	.4	.5	.5	23	1.5
4	BF	.3	.3	.3	.3	.2	.3	.8	.7	.8	.7	.5	.5	.4	.4	.5	.3	.2	.4	.3	.4	.3	.3	.3	23	.8
5	BF	.4	.4	.1	.2	.2	.2	.2	.3	.4	.3	.3	.5	.5	.4	.7	.7	.3	.2	.3	.3	.9	2.9	2.0	23	2.9
6	BF	.9	.4	.6	.8	.9	.8	AV	AV	AV	3.8	1.2	1.2	1.1	.9	1.0	1.0	1.0	1.1	1.1	1.3	.9	.6	.7	20	3.8
7	BF	.5	.5	.5	.4	.4	.3	.2	.4	.4	.5	.4	.2	.4	.4	.3	.2	.3	.3	.2	.4	.4	.2	.4	23	.5
8	BF	.4	.3	.3	.4	.3	.1	.1	.2	.3	.5	.5	.4	.4	.3	.4	.4	.3	.4	.2	.1	.3	.2	.1	23	.5
9	BF	.4	.4	.7	.4	.2	.2	.4	.7	1.3	1.2	1.3	1.4	.8	.8	.8	.9	.9	.5	.5	.3	.4	.4	.2	23	1.4
10	BF	.3	.3	.3	.4	.3	.3	BA	.6	.9	.9	.8	.9	.8	.7	.7	.6	.7	.5	.5	.5	.4	.5	.4	22	.9
11	BF	.6	.8	.6	.7	.4	.4	.9	.9	1.0	.8	.8	.9	.8	.6	.6	.6	.7	.7	.6	.6	.6	.4	.3	23	1.0
12	BF	.5	.4	.4	.2	.3	.4	.6	1.0	1.2	1.0	1.1	1.1	.9	.9	1.0	.9	.8	.8	.6	.4	.8	1.2	.8	23	1.2
13	BF	.8	.7	.5	.6	1.0	1.1	1.5	1.2	.8	.7	.5	.6	.5	.6	.5	.7	.6	.6	.5	.4	.4	.5	.4	23	1.5
14	BF	.4	.4	.4	.7	.7	.5	.3	.4	.3	.4	.4	.4	.3	.1	.3	.4	.3	.2	.3	.4	.3	.3	.3	23	.7
15	BF	.3	.2	.2	.3	.3	.2	.2	.1	.2	.2	.3	.3	.3	.1	.2	.1	.3	.2	.1	.3	.3	.3	.3	23	.3
16	BF	.6	.5	.5	.5	.6	1.1	1.5	2.6	.9	.7	.6	.6	.6	.7	.7	.8	.6	.6	.5	.4	.5	.3	.4	23	2.6
17	BF	.4	.5	.3	.5	.4	.4	.7	2.1	2.2	1.4	1.1	1.4	1.5	1.0	.9	1.1	.9	.9	.5	.7	.7	.5	.5	23	2.2
18	BF	.6	.4	.5	.5	.5	.6	.5	1.2	.9	.8	.7	.7	.7	.6	.9	.8	.7	.6	.4	.6	.6	.4	.5	23	1.2
19	BF	.5	.5	.5	.5	.4	.4	.4	.4	.4	.3	.4	.5	.4	.4	.5	.5	.6	.5	.5	.5	.6	.6	.6	23	.6
20	BF	1.0	.9	1.2	.8	.7	.6	.7	.6	.7	.5	.6	.7	.7	.6	.5	.6	.6	.6	.5	.6	.5	.5	.5	23	1.2
21	BF	.5	.5	.4	.5	.5	.7	.7	.4	.5	.6	.6	.7	AV	.8	.6	.6	.6	.6	.5	.6	.6	.5	.4	22	.8
22	BF	.5	.4	.5	.3	.4	.5	.6	.7	.9	1.4	1.2	1.1	1.1	1.0	.8	.8	.6	.6	.6	.5	.6	.5	.2	23	1.4
23	BF	.4	.5	.5	.8	.6	.8	1.4	1.5	1.0	.6	.6	.5	.5	.8	1.3	1.2	1.1	.7	.4	.5	.5	.5	.4	23	1.5
24	BF	.4	.3	.4	.5	.4	.4	.4	.9	.8	.7	.8	.7	.8	.9	1.0	1.0	.9	.8	.7	.4	.5	.5	.4	23	1.0
25	BF	.5	.5	.3	.4	.4	.4	.5	.8	.9	.8	.8	.5	.5	.7	.6	.6	.4	.4	.5	.4	.5	.3	.3	23	.9
26	BF	.3	.3	.4	.4	.4	.4	.5	1.0	1.7	1.0	.8	.8	.6	.6	.7	.6	.5	.6	.4	.6	.4	.4	.5	23	1.7
27	BF	.6	.4	.5	.3	.3	.5	.5	.9	1.1	1.1	1.0	1.0	1.0	1.0	.9	.8	.7	.5	.6	.5	.5	.6	.7	23	1.1
28	BF	.7	.5	.5	.6	.6	.7	.8	.7	.8	.6	.7	.8	.5	.8	.6	.6	.5	.5	.4	.5	.3	.3	.3	23	.8
29	BF	.4	.4	.3	.3	.4	.4	.4	.4	.4	.3	.5	.4	.4	.6	.5	.5	.4	.3	.4	.5	.5	.4	.5	23	.6
30	BF	.4	.4	.4	.6	.3	.4	.4	.4	.6	.5	.5	.5	.4	.4	.5	.4	.5	.4	.4	.3	.6	.5	.5	23	.6
31																									0	
NO.:		30	30	30	30	30	30	28	29	29	30	30	30	29	30	30	30	30	30	30	30	30	30	30		
MAX:		1.0	.9	1.2	.8	1.0	1.1	1.5	2.6	2.2	3.8	1.3	1.4	1.5	1.0	1.5	1.2	1.2	1.1	1.1	1.3	.9	2.9	2.0		
AVG:		.50	.43	.44	.47	.43	.47	.60	.80	.83	.86	.73	.74	.69	.66	.70	.69	.63	.55	.47	.48	.51	.53	.48		

MONTHLY OBSERVATIONS: 685 MONTHLY MEAN: .59 MONTHLY MAX: 3.8

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.

(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: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MAY 2014

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

DAY	HOUR 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	.5	.6	.5	.3	.5	.5	.4	.6	.6	.6	.6	.6	.5	.6	.5	.4	.5	.4	.6	.4	.4	.4	.4	23	.6
2	BF	.4	.4	.3	.4	.6	.3	.4	.5	.6	BC	BC	BC	BC	.1	.0	.1	.1	.1	.0	.0	.0	.1	.0	19	.6
3	BF	.0	.0	.0	.1	.0	.0	.1	.4	.5	.3	.2	.3	.3	.1	.2	.1	.1	.1	.0	.1	.0	.0	.0	23	.5
4	BF	.0	.0	.0	.0	.0	.0	.0	.6	.8	.7	.6	.6	.4	.5	.3	.3	.4	.4	.2	.1	.2	.0	.1	23	.8
5	BF	.0	.0	.0	.0	.0	.0	.2	.4	.3	.4	.4	.4	.4	.4	.3	.5	.6	.4	.4	.1	.2	.1	.1	23	.6
6	BF	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.4	.5	.6	.6	.4	.3	.3	.1	.0	.0	.0	.1	.0	23	.6
7	BF	.1	.1	.0	.2	.0	.1	.1	.0	.0	.1	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	23	.2
8	BF	.0	.0	.0	.1	.0	.2	.1	.0	.1	.2	.3	.5	.4	.3	.3	.3	.3	.2	.2	.0	.1	.2	.0	23	.5
9	BF	.1	.0	.0	.0	.0	.1	.6	.8	.7	.6	.4	.3	.4	.5	.2	.2	.2	.2	.1	.1	.1	.1	.0	23	.8
10	BF	.2	.3	.2	.1	.0	.0	.3	.3	.5	.5	.6	.4	.3	.3	.2	.1	.1	.2	.0	.1	.2	.1	.0	23	.6
11	BF	.1	.0	.0	.1	.0	.0	.0	.2	.3	.3	.2	.1	.0	.1	.2	.2	.0	.1	.0	.0	.1	.1	.0	23	.3
12	BF	.1	.0	.0	.0	.0	.1	.1	.1	.1	.2	.0	.2	.0	.1	.2	.2	.2	.1	.0	.1	.0	.1	.2	23	.2
13	BF	.0	.0	.0	.1	.0	.0	.2	.1	.3	.2	.3	.1	.2	.1	.3	.3	.2	.3	.3	.2	.1	.0	.1	23	.3
14	BF	.2	.1	.0	.1	.1	.1	.2	.4	.4	.2	.1	.1	.1	.2	.1	.2	.0	.0	.0	.1	.0	.0	.0	23	.4
15	BF	.0	.0	.0	.0	.0	.1	.2	.1	.0	.1	.0	.1	.0	.1	.0	.1	.0	.0	.1	.0	.0	.0	.0	23	.2
16	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.1	.0	.0	.1	23	.2
17	BF	.0	.0	.0	.0	.1	.0	.0	.1	.2	.3	.1	.1	.1	.1	.2	.1	.1	.1	.1	.0	.0	.1	.1	23	.3
18	BF	.2	.1	.0	.0	.0	.1	.3	.6	.6	.4	.2	.2	.2	.2	.2	.1	.2	.1	.0	.2	.2	.0	.0	23	.6
19	BF	.3	.1	.2	.0	.2	.2	.1	.2	.5	.5	.5	.3	.3	.4	.2	.2	.4	.2	.2	.2	.2	.1	.2	23	.5
20	BF	.1	.1	.1	.1	.1	.1	.2	.4	.5	.5	.5	.4	.4	.3	.3	.3	.3	.3	.0	.0	.1	.3	.3	23	.5
21	BF	.3	.2	.2	.2	.1	.3	.3	.4	.4	.4	.5	.3	.4	.5	.4	.4	.3	.2	.1	.0	.0	.0	.1	23	.5
22	BF	.2	.1	.1	.1	.1	.1	.3	1.0	.3	.3	.1	.2	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	23	1.0
23	BF	.0	.0	.0	.0	.0	.1	.0	.4	.9	.8	.4	.2	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	23	.9
24	BF	.0	.1	.0	.1	.0	.1	.2	.3	.5	.5	.6	.2	.2	.2	.2	.2	.0	.1	.0	.0	.0	.0	.0	23	.6
25	BF	.1	.0	.0	.0	.1	.0	.1	.2	.3	.3	.3	.1	.3	.1	.1	.2	.2	.2	.1	.0	.0	.0	.0	23	.3
26	BF	.0	.2	.0	.0	.0	.1	.0	.2	.3	.3	.2	.1	.0	.0	.0	.0	.2	.0	.1	.1	.0	.0	.1	23	.3
27	BF	.1	.0	.0	.0	.0	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
28	BF	.0	.0	.0	.0	.0	.0	.0	.1	.4	.6	.5	.2	.1	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	23	.6
29	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
30	BF	.0	.0	.0	.0	.0	.0	BA	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.1
31	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.2	.2	.3	.3	.1	.0	.0	.0	.0	.1	.0	23	.3
NO.:		31	31	31	31	31	31	30	31	31	30	30	30	30	31	31	31	31	31	31	31	31	31	31		
MAX:		.5	.6	.5	.4	.6	.5	.6	1.0	.9	.8	.6	.6	.6	.6	.5	.5	.6	.4	.6	.4	.4	.4	.4		
AVG:		.10	.08	.05	.06	.06	.09	.15	.28	.34	.32	.27	.22	.21	.22	.18	.18	.16	.13	.08	.06	.06	.06	.06		

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: .15 MONTHLY MAX: 1.0

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.

(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: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JUNE 2014

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	.0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.0	.2	.1	.1	.0	.1	.1	.0	.1	.0	.0	.1	.1	23	.3
2	BF	.2	.1	.1	.1	.0	.2	.2	.1	.3	.3	.2	.2	.2	.1	.2	.1	.2	.1	.2	.2	.1	.1	.0	23	.3
3	BF	.0	.2	.0	.0	.0	.2	.1	.3	.2	.2	.1	.3	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	23	.3
4	BF	.1	.0	.0	.1	.0	.0	BA	.0	.4	.3	.2	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.4
5	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	23	1.6
6	BF	.2	.0	.0	.0	.0	.0	.1	.1	.3	.3	.4	.3	.0	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	23	.4
7	BF	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.2	.1	.1	.2	.1	.1	.1	.0	.0	.1	.1	.0	23	.2
8	BF	.0	.0	.0	.1	.1	.1	.2	.8	.6	.5	.2	.1	.0	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	23	.8
9	BF	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
10	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
11	BF	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
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	BF	.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
14	BF	.0	.0	.0	.0	.0	.0	.1	.2	.2	.4	.5	.3	.0	.1	.0	.1	.2	.0	.0	.0	.0	.0	.0	23	.5
15	BF	.0	.0	.0	.1	.0	.1	.0	.1	.0	.0	.1	.1	.1	.2	.3	.1	.2	.1	.0	.0	.0	.1	.0	23	.3
16	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
17	BF	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	23	.1
18	BF	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	.0	.0	.1	.1	.0	.1	.0	.0	.0	.1	.0	23	.2
19	BF	.0	.0	.0	.0	.0	.1	.0	.1	.3	.3	.2	.2	.2	.1	.0	.1	.0	.0	.0	.0	.0	.1	.0	23	.3
20	BF	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.3	.2	.2	.1	.2	.0	.1	.0	.0	.0	.0	.0	.0	23	.3
21	BF	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
22	BF	.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
23	BF	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
24	BF	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	23	.1
25	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
26	BF	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	23	.1
27	BF	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	23	.1
28	BF	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	23	.1
29	BF	.0	.0	.0	.1	.0	.0	.0	.2	.2	.2	.1	.2	.1	.1	.1	.1	.1	.2	.0	.1	.0	.0	.0	23	.2
30	BF	.0	.0	.2	.1	.1	.0	.0	.2	.2	.2	.1	.2	.1	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	23	.2
31																									0	
NO.:		29	30	30	30	30	30	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:		.2	.2	.2	.1	.1	.2	.2	.8	.6	.5	.5	.3	.3	.3	.3	.1	.2	.2	.2	.2	.1	.1	1.6		
AVG:		.04	.02	.01	.02	.01	.02	.03	.10	.13	.12	.09	.10	.07	.06	.06	.04	.04	.04	.01	.02	.01	.02	.06		

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: .05 MONTHLY MAX: 1.6

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.

(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: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JULY 2014

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

DAY	HOUR 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	.1	.0	.0	.0	.0	.1	.2	.2	.1	.2	.0	.0	.0	.1	.0	.1	.0	.1	.1	.0	.1	.1	23	.2
2	BF	.2	.1	.0	.0	.1	BA	.3	.1	.1	.2	.4	.1	.1	.0	.0	.0	.1	.1	.0	.1	.1	.2	.0	22	.4
3	BF	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.2	.2	.2	23	.2
4	BF	.2	.2	.2	.2	.2	.3	.3	.4	.5	.4	.3	.3	.3	.2	.1	.2	.2	.3	.1	.0	.2	.0	.1	23	.5
5	BF	1.0	.4	.3	.3	.2	.4	.4	.7	.7	.8	.8	.6	.5	.7	.6	.5	.4	.6	.3	.3	.2	.4	.4	23	1.0
6	BF	1.3	.5	.4	.3	.3	.4	.4	.4	.5	.5	.5	.4	.5	.4	.4	.3	.4	.4	.2	.3	.2	.4	.3	23	1.3
7	BF	1.1	.4	.3	.4	.4	.4	.2	.2	.2	.2	.1	.1	.3	.1	.2	.2	.3	.1	.2	.1	.2	.1	.3	23	1.1
8	BF	1.0	.4	.2	.2	.2	.2	.3	.3	.4	.3	.3	.3	.3	.4	.4	.3	.3	.4	.4	.2	.2	.1	.1	23	1.0
9	BF	1.0	.4	.3	.1	.2	.3	.4	.4	.3	.3	.5	.4	.2	.2	.3	.1	.1	.3	.1	.0	.1	.1	.1	23	1.0
10	BF	1.1	.5	.2	.1	.1	.1	.1	.2	.1	.1	.1	.2	.1	.1	.1	.1	.2	.1	.0	.3	.0	.1	.1	23	1.1
11	BF	1.2	.3	.2	.2	.3	.2	.1	.1	.2	.2	.2	.3	.3	.1	.2	.1	.2	.1	.1	.2	.2	.1	.1	23	1.2
12	BF	1.3	.3	.2	.4	.3	.2	.2	.1	.2	.3	.2	.2	.2	.2	.2	.2	.3	.2	.2	.4	.1	.2	.3	23	1.3
13	BF	1.3	.4	.4	.4	.2	.3	.2	.1	.1	.3	.2	.2	.3	.2	.3	.3	.3	.2	.2	.3	.2	.3	.2	23	1.3
14	BF	1.1	.3	.2	.2	.2	.4	.3	.3	.4	.3	.3	.3	.2	.2	.1	.2	.2	.2	.3	.2	.2	.2	.2	23	1.1
15	BF	1.1	.4	.1	.3	.2	.1	.2	.3	.3	.4	.2	.3	.3	.3	.1	.1	.1	.2	.2	.1	.1	.1	.1	23	1.1
16	AV	AV	1.1	.3	.2	.1	.1	.2	.3	.2	.4	.3	.4	.3	.5	.5	.6	.6	.4	.2	.2	.2	.2	.3	22	1.1
17	BF	1.8	.6	.5	.4	.5	.5	.4	.6	.7	.7	.6	.7	.6	.5	.6	.5	.5	.4	.3	.4	.5	.4	.3	23	1.8
18	BF	1.6	.5	.4	.4	.5	.4	.4	.4	.9	.9	.9	.6	.7	.6	.6	.6	.5	.4	.5	.5	.4	.5	.4	23	1.6
19	BF	1.5	.7	.4	.6	.4	.4	.6	.4	.5	.6	.6	.5	.4	.5	.4	.5	.6	.6	.3	.5	.3	.5	.4	23	1.5
20	BF	1.7	.7	.6	.5	.5	.4	.5	.3	.4	.3	.3	.5	.4	.4	.4	.3	.3	.4	.4	.4	.3	.3	.4	23	1.7
21	BF	1.0	.3	.4	.3	.3	.3	.3	.3	.4	.2	.3	.4	.3	.3	.3	.2	.3	.2	.2	.4	.2	.4	.2	23	1.0
22	BF	1.4	.5	.4	.3	.4	.3	.2	.2	.3	.2	.3	.2	.4	.3	.3	.4	.4	.3	.1	.3	.3	.2	.3	23	1.4
23	BF	1.4	.4	.3	.4	.5	.4	.3	.3	.2	.3	.2	.3	.2	.4	.3	.3	.3	.3	.3	.3	.3	.3	.2	23	1.4
24	BF	.9	.5	.2	.4	.3	.3	.3	.4	.4	.4	.3	.3	.2	.3	.2	.3	.3	.3	.3	.4	.2	.3	.3	23	.9
25	BF	1.3	.6	.6	.4	.4	.4	.3	.5	.5	.4	.4	.3	.4	.4	.2	.2	.3	.3	.3	.4	.3	.3	.3	23	1.3
26	BF	1.4	.6	.4	.3	.4	.3	.2	.3	.2	.4	.3	.2	.4	.4	.4	.5	.3	.3	.3	.2	.3	.4	.3	23	1.4
27	BF	1.3	.5	.5	.4	.5	.4	.4	.3	.2	.4	.4	.3	.4	.3	.2	.4	.4	.2	.4	.4	.4	.5	.3	23	1.3
28	BF	1.3	.3	.4	.4	.4	.4	.3	.5	.4	.4	.4	.5	.5	.4	.4	.6	.5	.4	.5	.3	.3	.3	.3	23	1.3
29	BF	1.5	.5	.5	.6	.5	.5	.7	.9	.7	.6	.7	.6	.6	.5	.6	.5	.6	.4	.6	.5	.4	.6	.5	23	1.5
30	BF	1.5	.6	.5	.5	.6	.5	BA	BA	BA	.5	.6	.5	.4	.5	.4	.5	.5	.4	.6	.4	.5	.3	.5	20	1.5
31	BF	1.7	.7	.5	.6	.6	.6	AN	AN	AN	AN	AN	AN	AN	BC	BC	AN	AN	AN	AN	AN	AN	AN	AN	6	1.7
NO.:		30	31	31	31	31	30	29	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:		1.8	1.1	.6	.6	.6	.6	.7	.9	.9	.9	.9	.7	.7	.7	.6	.6	.6	.6	.6	.5	.5	.6	.5		
AVG:		1.14	.45	.33	.32	.32	.32	.30	.33	.35	.37	.36	.34	.33	.31	.30	.30	.32	.28	.26	.27	.24	.27	.25		

MONTHLY OBSERVATIONS: 691 MONTHLY MEAN: .35 MONTHLY MAX: 1.8

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.

(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: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: AUGUST 2014

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

DAY	HOUR 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	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12	0.0
2	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
3	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
4	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
5	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
6	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	23	.3
7	BF	.0	.0	.0	.0	.0	.0	.0	.0	.5	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	23	.5
8	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
9	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
10	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
11	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
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	.0	23	0.0
14	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
15	BF	.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
16	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
17	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
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	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	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	.0	.0	23	0.0
21	BF	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
22	BF	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
23	BF	.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
24	BF	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
25	BF	.2	.3	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
26	BF	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
27	BF	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	.8	BC	BC	BC	BC	BC	1.1	.0	.0	.0	.0	.0	.0	18	1.1
28	BF	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
29	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
30	BF	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
31	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
NO.:		30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	31	31	31	31	31	31	31		
MAX:		.3	.3	.1	0.0	0.0	0.0	0.0	.1	.5	.2	.8	0.0	0.0	0.0	.3	.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0		
AVG:		.03	.06	.01	0.00	0.00	0.00	0.00	0.00	.02	.02	.03	0.00	0.00	0.00	.01	0.00	.04	0.00	0.00	0.00	0.00	0.00	0.00		

MONTHLY OBSERVATIONS: 697 MONTHLY MEAN: .01 MONTHLY MAX: 1.1

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.

(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: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: SEPTEMBER 2014

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

DAY	HOUR 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	.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	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
3	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
4	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
5	BF	.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
6	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
7	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
8	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
9	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
10	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
11	BF	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
12	BF	.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
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	23	.1
14	BF	.1	.4	.4	.3	.1	.2	.3	.3	.1	.2	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
15	BF	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
16	BF	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
17	BF	.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
18	BF	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
19	BF	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
20	BF	.0	.3	.3	.1	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
21	BF	.0	.2	.2	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
22	BF	.0	.2	.0	.2	.0	.0	.0	.3	.4	.1	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
23	BF	.0	.3	.4	.4	.6	.8	.6	.9	.8	.6	.9	.6	.4	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	23	.9
24	BF	.0	.3	.2	.1	.0	.0	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.3
25	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
26	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	23	.1
27	BF	.0	.3	.1	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	23	.3
28	BF	.0	.2	.2	.1	.0	.0	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
29	BF	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
30	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
31																									0	
NO.:		30	30	30	30	30	30	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:		.1	.4	.4	.4	.6	.8	.6	.9	.8	.6	.9	.6	.4	.2	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	.1		
AVG:		0.00	.13	.08	.04	.02	.03	.03	.05	.04	.04	.04	.03	.03	.02	0.00	.01	0.00	0.00	0.00	0.00	0.00	0.00	.01		

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .03 MONTHLY MAX: .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.

(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: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: OCTOBER 2014

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

DAY	HOUR 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	.0	.3	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
2	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
3	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
4	BF	.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
5	BF	.0	.3	.4	.2	.1	.1	.0	.1	.4	.6	.4	.4	.3	.3	.2	.1	.0	.0	.0	.0	.0	.1	.2	23	.6
6	BF	.0	.4	.5	.3	.3	.0	.1	.1	.6	.4	.4	.4	.4	.4	.2	.2	.1	.0	.0	.0	.0	.0	.0	23	.6
7	BF	.0	.2	.3	.3	.0	.0	.0	.1	.3	.3	.3	.3	.4	.1	.4	.2	.0	.1	.0	.0	.0	.0	.0	23	.4
8	BF	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
9	BF	.0	.0	.0	.1	.0	.2	.0	.0	1.1	.8	.5	.6	.7	.5	.5	.5	.0	.0	.0	.0	.0	.0	.0	23	1.1
10	BF	.0	.2	.1	.1	.0	.0	.0	.1	.5	.4	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.5
11	BF	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
12	BF	.0	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	6.3
13	BF	.0	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
14	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
15	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
16	BF	.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
17	BF	.0	.1	.3	.2	.2	.1	.1	.0	.3	.4	.0	.1	.1	.2	.2	.3	.1	.0	.0	.0	.0	.0	.0	23	.4
18	BF	.0	.1	.1	.1	.1	.1	.1	.1	.2	.5	.4	.4	.4	.2	.1	.1	.0	.1	.0	.0	.0	.1	.0	23	.5
19	BF	.1	.2	.4	.2	.3	.3	.2	.3	.4	.3	.3	.3	.2	.4	.2	.1	.1	.0	.1	.2	.1	.2	.2	23	.4
20	BF	.1	.5	.6	.5	.5	.4	.6	.4	.6	.8	.7	.4	.5	.4	.5	.2	.1	.1	.0	.0	.1	.0	.0	23	.8
21	BF	.0	.3	.3	.2	.1	.1	.2	.2	.4	.4	.5	.4	.3	.3	.2	.2	.1	.1	.2	.1	.0	.0	.2	23	.5
22	BF	.0	.3	.4	.2	.1	.3	BA	.4	.4	.3	.4	.3	.2	.2	.2	.1	.1	.0	.2	.1	.1	.0	.0	22	.4
23	BF	.2	.4	.4	.4	.3	.3	.3	.4	.4	.4	.3	.2	.3	.5	.4	.4	.3	.1	.1	.1	.0	.2	.1	23	.5
24	BF	.2	.3	.5	.3	.2	.3	.3	.2	.5	.5	.5	.6	.6	.4	.4	.3	.2	.1	.0	.2	.1	.2	.3	23	.6
25	BF	.2	.5	.5	.3	.4	.4	.4	.4	.9	1.5	1.5	1.3	1.2	.8	.5	.4	.1	.1	.0	.1	.0	.1	.2	23	1.5
26	BF	.3	.4	.5	.5	.3	.2	.2	.5	.6	.5	.6	.8	.6	.5	.5	.2	.1	.0	.0	.2	.1	.1	.1	23	.8
27	BF	.0	.3	.4	.4	.6	.4	.6	.3	.5	.8	.6	.4	.4	.4	.4	.4	.3	.2	.2	.2	.0	.3	.1	23	.8
28	BF	.2	.5	.6	.5	.4	.4	.3	.5	.6	.7	.6	.7	.7	.9	1.8	.8	.3	.1	.1	.2	.1	.3	.2	23	1.8
29	BF	.1	.3	.3	.5	.2	.1	.0	.2	.3	.4	.4	.2	.2	.2	.0	.0	.0	.1	.1	.0	.0	.0	.0	23	.5
30	BF	.0	.1	.0	.0	.0	.0	.1	.1	7.1	5.0	1.5	.8	.9	.5	.7	.6	.1	.1	.1	.0	.1	.1	.3	23	7.1
31	BF	.3	.5	.5	.4	.3	.3	.4	.4	.7	.8	.8	.7	.7	.6	.3	.4	.3	.1	.1	.2	.2	.2	.2	23	.8
NO.:		31	31	31	31	31	31	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		.3	.5	6.3	.5	.6	.4	.6	.5	7.1	5.0	1.5	1.3	1.2	.9	1.8	.8	.3	.2	.2	.2	.2	.3	.3		
AVG:		.05	.21	.45	.18	.15	.13	.13	.16	.55	.51	.35	.30	.30	.25	.25	.18	.08	.04	.04	.05	.03	.06	.07		

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .20 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.

(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: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: NOVEMBER 2014

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

DAY	HOUR 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	.3	.5	.2	.2	.2	.2	.2	.2	.3	.7	1.1	.6	.4	.4	.3	.4	.3	.6	.7	.5	.4	.4	23	1.1
2	BF	.5	.8	.7	.7	.6	.7	.8	1.0	1.0	.9	.8	.9	.9	.8	.8	.8	.7	.4	.4	.5	.6	.5	.6	23	1.0
3	BF	.4	.6	.7	.7	.6	.6	.7	.5	.8	1.0	.9	.9	.8	.8	.8	.7	.5	.4	.3	.5	.5	.5	.5	23	1.0
4	BF	.5	.7	.7	.6	.6	.7	.6	.4	.9	.8	.9	1.1	1.3	1.5	1.5	1.2	1.0	.6	.6	.4	.5	.5	.6	23	1.5
5	BF	.3	.4	.7	.4	.3	.3	.3	.4	.8	.7	.6	.3	.5	.6	.6	.3	.0	.1	.0	.2	.0	.2	.1	23	.8
6	BF	.1	.3	.4	.2	.2	.0	.2	.2	.2	.1	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
7	BF	.1	.3	.2	.2	.1	.3	.2	.3	.5	.6	.6	.5	.4	.5	.3	.2	.0	.0	.2	.2	.3	.3	.2	23	.6
8	BF	.3	.5	.6	.4	.3	.4	.3	.3	.6	.8	.6	.6	.6	.6	.5	.5	.3	.3	.2	.2	.4	.3	.3	23	.8
9	BF	.3	.6	.5	.6	.5	.3	.4	.3	.4	.6	1.0	1.0	1.0	1.0	.8	.7	.3	.2	.4	.2	.3	.3	.3	23	1.0
10	BF	.3	.4	.6	.5	.3	.5	.4	.5	.5	.7	1.1	.9	.9	.9	.7	.3	.1	.2	.3	.3	.3	.4	.4	23	1.1
11	BF	.4	.5	.6	.4	.3	.4	.4	.3	.4	.7	.5	.6	.5	.4	.3	.3	.1	.1	.2	.1	.2	.1	.3	23	.7
12	BF	.3	.4	.3	.4	.4	.3	.4	.3	.3	.6	.4	.4	.4	.4	.4	.2	.3	.2	.2	.0	.1	.2	1.8	23	1.8
13	BF	1.9	.8	.7	.7	.9	.9	1.0	1.3	1.3	1.3	1.1	.8	.9	.9	.7	.6	1.0	4.3	4.8	6.6	6.1	3.7	1.0	23	6.6
14	BF	.7	.7	.8	.7	.7	.8	.8	.8	1.1	1.0	.9	.7	.8	.7	1.0	.8	.9	.5	.5	.6	.8	1.0	.7	23	1.1
15	BF	.8	1.1	.8	.8	.8	.7	.9	2.1	3.8	2.6	1.8	1.8	1.5	1.5	1.4	1.1	.8	.7	.7	.7	.7	.7	.7	23	3.8
16	BF	.7	.9	.9	.9	.8	.8	.8	.8	.9	1.2	1.2	1.4	1.2	1.2	1.1	1.0	.8	.8	.6	.8	.7	.7	.7	23	1.4
17	BF	.6	.8	.8	.6	.6	.6	.6	.6	.4	.6	.4	.3	.4	.5	.3	.4	.2	.2	.3	.2	.3	.4	.3	23	.8
18	BF	.5	.5	.7	.8	.6	.7	BA	.8	.6	.8	1.2	1.2	1.0	.8	.7	.8	.6	.4	.7	.5	.6	.6	.6	22	1.2
19	BF	.7	1.0	1.0	.8	.9	.9	1.0	1.0	1.3	1.5	1.5	1.3	1.4	1.4	1.2	1.3	1.0	1.0	1.1	1.1	1.1	1.2	1.2	23	1.5
20	BF	.8	1.1	1.2	1.1	.9	.9	.9	1.7	2.1	1.8	1.8	1.6	1.4	1.7	1.5	1.6	1.3	1.0	1.0	.9	.9	.8	.8	23	2.1
21	BF	.8	1.0	1.0	.8	.9	.7	.8	.8	1.3	1.5	1.6	1.7	1.4	1.5	1.5	1.4	1.0	.8	.8	.8	.8	.9	1.0	23	1.7
22	BF	.8	1.0	1.1	1.1	.9	1.0	.9	.9	1.7	1.6	1.5	1.4	1.7	1.4	1.4	1.4	1.1	1.0	.9	1.0	1.0	.9	.9	23	1.7
23	BF	.7	1.1	1.2	1.1	.9	1.0	.9	1.1	1.1	1.0	1.1	.9	.9	1.0	.8	.8	.8	.7	.7	.7	.5	.4	.3	23	1.2
24	BF	.3	.5	.6	.5	.3	.3	.2	.1	.2	.2	.3	.2	.2	.2	.2	.4	.2	.1	.1	.3	.3	.2	.2	23	.6
25	BF	.2	.3	.5	.3	.2	.3	.2	.2	.4	.2	.3	.3	.4	.5	.5	.5	.4	.6	.4	.3	.2	.2	.3	23	.6
26	BF	.2	.5	.6	.5	.3	.3	.4	.4	.3	.3	.4	.4	.5	.4	.5	.3	.4	.5	.5	.5	.4	.4	.4	23	.6
27	BF	.3	.6	.9	.6	.7	.5	.7	.5	.6	.3	.6	.8	.8	1.0	1.1	.8	.8	.6	.7	1.0	.7	.5	.6	23	1.1
28	BF	.6	1.0	1.0	.9	.9	.6	.6	1.2	1.5	1.6	1.6	1.7	1.5	1.7	1.5	1.3	.8	.7	.7	.6	.7	.7	.7	23	1.7
29	BF	.7	1.1	1.0	.8	.7	.8	.8	.7	1.4	1.9	1.1	1.2	1.0	2.2	4.0	3.5	1.3	.7	.7	.6	.6	.7	.8	23	4.0
30	BF	.7	1.0	1.1	.9	.9	.8	.8	.7	1.1	1.1	1.0	1.2	.9	1.0	1.0	1.1	.8	.6	.6	.5	.6	.6	.6	23	1.2
31																									0	
NO.:		30	30	30	30	30	30	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:		1.9	1.1	1.2	1.1	.9	1.0	1.0	2.1	3.8	2.6	1.8	1.8	1.7	2.2	4.0	3.5	1.3	4.3	4.8	6.6	6.1	3.7	1.8		
AVG:		.52	.69	.75	.64	.58	.58	.59	.68	.92	.94	.92	.91	.86	.92	.92	.82	.60	.60	.64	.70	.69	.61	.58		

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .72 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.

(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: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: DECEMBER 2014

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

DAY	HOUR 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	.4	.9	.9	.6	.6	.7	.5	.7	.8	.7	.6	.8	.6	.6	.5	.6	.4	.3	.4	.3	.4	.4	.3	23	.9
2	BF	.4	.7	.8	.6	.5	.5	.5	.6	.5	.4	.6	.6	.5	.5	.7	.5	.6	.5	.4	.4	.6	.6	.5	23	.8
3	BF	.4	.8	.9	.7	.6	.6	.7	.6	.7	.7	.4	.6	.6	.5	.6	.6	.5	.4	.5	.4	.4	.4	.6	23	.9
4	BF	.3	.6	.8	.8	.5	.5	.7	.6	.6	.8	.9	1.0	1.1	1.0	1.1	1.1	.7	.9	.9	.9	1.0	1.1	1.2	23	1.2
5	BF	1.0	1.1	1.0	1.1	.9	.9	1.1	1.2	1.2	1.3	1.2	1.2	1.3	1.2	1.1	1.1	.9	.8	.8	.8	.8	.7	.7	23	1.3
6	BF	.8	1.1	1.1	.9	.9	.8	.7	.8	.8	.7	.9	.9	.7	.6	.5	.5	.4	.5	.4	.4	.5	.4	.5	23	1.1
7	BF	.2	.7	.7	.6	.7	.7	.6	.9	.7	.7	.9	.9	.8	.8	.9	.7	.8	.7	.8	.9	.9	.9	.9	23	.9
8	BF	1.1	1.5	1.5	1.2	1.1	1.1	1.0	1.4	1.3	1.2	1.0	1.1	1.1	1.1	1.0	1.0	.9	.7	.7	.6	.6	.7	.6	23	1.5
9	BF	.6	.9	1.1	.8	.9	.7	.8	.8	.8	.7	.7	.6	.5	.6	.8	.5	.6	.6	.5	.6	.6	.6	.8	23	1.1
10	BF	1.3	1.3	1.3	1.3	1.0	1.0	.8	1.0	.9	1.3	AT	1.4	1.5	1.2	1.2	1.1	.9	1.0	.9	.8	.7	.7	.6	22	1.5
11	BF	.7	1.0	.9	1.0	.8	.9	.9	1.0	1.1	1.1	1.0	1.0	1.1	1.0	1.0	1.0	.9	1.1	.9	.9	.9	.9	.9	23	1.1
12	BF	.8	.8	1.1	.9	.9	.8	.9	1.0	1.1	1.1	1.2	1.2	1.3	1.2	1.4	1.4	1.2	1.0	.9	1.1	1.0	.9	1.2	23	1.4
13	BF	.8	1.0	1.2	1.1	.8	1.1	.9	1.0	1.6	1.3	1.4	1.4	1.3	1.4	1.4	1.2	1.0	1.1	.9	1.0	.9	.9	.8	23	1.6
14	BF	.7	.9	1.1	1.0	.9	1.0	.9	1.0	1.5	1.5	1.7	1.8	1.8	1.8	1.9	1.6	1.1	.9	.9	.9	.9	.8	.9	23	1.9
15	BF	.9	1.0	1.0	.9	.9	1.0	1.1	1.1	1.0	1.5	1.6	1.5	1.4	1.3	1.3	1.1	.8	1.0	1.0	.9	.9	1.0	.9	23	1.6
16	BF	.9	1.0	1.1	1.1	1.0	1.0	1.1	1.0	1.0	1.0	1.0	.9	BA	.9	.8	.6	.8	.6	.5	.6	.5	.5	.7	22	1.1
17	BF	.5	.6	.8	.7	.8	.7	1.0	.7	.7	.7	.9	.7	.8	.7	.8	.8	.7	.8	.7	.6	.6	.6	.6	23	1.0
18	BF	.5	.4	.7	.7	.6	.7	.8	.7	.7	1.1	1.0	1.2	1.2	1.1	1.1	.9	.8	.7	.8	.9	.8	.8	.7	23	1.2
19	BF	.6	.5	.8	.8	.8	.7	.7	.9	.9	.8	.8	.8	.7	.7	.8	.8	.8	.7	.6	.6	.8	.7	.8	23	.9
20	BF	.6	.7	1.0	1.1	1.3	1.2	1.3	1.3	1.1	1.1	1.4	1.2	1.2	1.2	1.0	1.1	.9	.9	1.1	.8	1.0	.9	.9	23	1.4
21	BF	.6	.7	.7	.9	.7	.7	.9	.9	1.3	1.2	1.4	1.4	1.2	1.5	1.5	1.6	.9	1.1	1.7	1.7	1.4	1.3	1.2	23	1.7
22	BF	.8	.8	.9	1.0	1.0	.9	.8	.9	.9	.9	.8	.8	.8	.8	.8	.8	.6	.6	.5	.6	.7	.6	.7	23	1.0
23	BF	.7	.6	.9	.8	.8	.7	.8	.8	.9	.9	.8	.8	.8	.9	.7	.6	.6	.6	.7	.5	.5	.5	.5	23	.9
24	BF	.4	.6	.7	.7	.7	.7	.6	.7	.5	.5	.4	.5	.4	.3	.2	.3	.3	.3	.2	.2	.0	.0	.0	23	.7
25	BF	.2	.0	.2	.3	.3	.5	.5	.4	.4	.5	.5	.5	.5	.4	.4	.3	.3	.4	.4	.2	.5	.4	.3	23	.5
26	BF	.4	.5	.5	.6	.6	.6	.6	.6	.7	.9	.8	.9	.6	.8	.7	.8	.6	.7	.6	.5	.6	.6	.6	23	.9
27	BF	.4	.5	.6	.6	.6	.6	.6	.7	.8	1.3	.9	.7	.9	1.1	1.1	1.0	.6	.8	.6	.5	.8	.6	.5	23	1.3
28	BF	.5	.5	.8	.8	1.0	.9	.8	.9	.8	.9	.6	.6	.5	.5	.4	.5	.6	.3	.5	.4	.5	.4	.3	23	1.0
29	BF	.3	.5	.5	.5	.5	.5	.6	.5	.5	.5	.6	.4	.5	.5	.4	.5	.5	.5	.4	.5	.4	.5	.5	23	.6
30	BF	.4	.4	.7	.7	.7	.8	.7	.7	.7	.7	.9	.9	1.0	1.1	1.2	1.0	.7	.5	.6	.5	.5	.8	.6	23	1.2
31	BF	.6	.7	.7	.9	.8	.9	.9	.8	1.1	1.2	1.8	1.9	1.9	1.8	1.7	1.5	1.0	.9	1.0	.9	.8	.9	.9	23	1.9
NO.:		31	31	31	31	31	31	31	31	31	31	30	31	30	31	31	31	31	31	31	31	31	31	31		
MAX:		1.3	1.5	1.5	1.3	1.3	1.2	1.3	1.4	1.6	1.5	1.8	1.9	1.9	1.8	1.9	1.6	1.2	1.1	1.7	1.7	1.4	1.3	1.2		
AVG:		.61	.75	.87	.83	.78	.79	.80	.85	.89	.94	.96	.97	.95	.94	.94	.87	.72	.71	.70	.67	.69	.68	.68		

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .81 MONTHLY MAX: 1.9

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.

(42401) Sulfur dioxide

SITE ID: 37-063-0015 POC: 1
COUNTY: (063) Durham
CITY: (19000) Durham
SITE ADDRESS: 801 STADIUM DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (166) EASTERN PIEDMONT
URBANIZED AREA: (2280) DURHAM, NC
LAND USE: COMMERCIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 36.032944
LONGITUDE: -78.905417
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 118
PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JANUARY 2014

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

DAY	HOUR 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	.0	.0	.1	.1	.0	.0	.0	.1	.3	.3	.2	.2	.1	.1	.1	.1	.0	.0	.1	.1	.1	.0	.0	23	.3
2	BF	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.5	1.2	.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.4	23	1.2
3	BF	1.5	1.7	1.5	1.3	1.1	1.0	.8	.5	.5	.9	1.1	.9	.6	.4	.5	.6	.6	.8	3.2	2.4	1.5	.9	.2	23	3.2
4	BF	.1	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.2
5	BF	.1	.0	.1	.0	.0	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	23	.1
6	BF	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.3	.6	.7	.6	.5	.4	.2	.2	.2	.1	.1	.1	.1	23	.7
7	BF	.2	.2	.3	.3	.3	.5	.5	.5	.5	.5	.4	.4	.3	.2	.2	.2	.4	.5	.3	.3	.3	.2	.5	23	.5
8	BF	.1	.1	.0	.0	.0	.0	.1	.3	.8	1.0	1.0	BA	1.6	.7	.5	.6	.6	.3	.3	.5	.5	.4	.2	22	1.6
9	BF	.2	.1	.2	.2	.3	.3	.4	.7	.8	.8	1.1	1.1	1.3	.9	.5	.1	.4	.7	.6	.5	.4	.4	.2	23	1.3
10	BF	.4	.7	.4	.5	.3	.3	.5	.8	.6	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.8
11	BF	.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
12	BF	.0	.0	.0	.0	.0	.0	.0	.0	.2	.5	.2	.3	.5	.3	.2	.2	.1	.1	.2	.1	.1	.2	.1	23	.5
13	BF	.1	.0	.0	.0	.0	.1	.2	.5	.4	.6	.6	.8	.8	.7	.6	.1	.2	.3	.4	.4	.3	.2	.1	23	.8
14	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.4	.4	23	.4
15	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2	.2	.2	.1	.1	.1	.5	.2	.2	.2	.1	23	.5
16	BF	.5	.1	.1	.1	.0	.0	.0	.5	5.1	4.4	1.7	.8	1.9	.4	.3	.5	.4	.3	.3	.4	.3	.3	.1	23	5.1
17	BF	.1	.0	.0	.0	.0	.0	.1	.4	.5	.7	1.1	1.6	1.6	1.3	1.0	.9	.9	.9	.9	1.1	1.1	1.0	.8	23	1.6
18	BF	.3	.1	.1	.0	.0	.2	.3	.4	.1	.0	.2	.2	.1	.1	.4	.1	.1	.2	.1	.1	.1	.0	.1	23	.4
19	BF	.2	.1	.0	.1	.3	.5	.4	.5	.9	.7	.6	.5	.3	.2	.1	.1	.0	.2	.2	.1	.2	.1	.0	23	.9
20	BF	.0	.0	.0	.0	.0	.0	.2	.1	.4	.4	.4	.3	.3	.3	.4	.3	.2	.5	.4	.6	.3	.2	.1	23	.6
21	BF	.0	.0	.0	.1	.7	1.3	1.7	1.9	2.1	1.8	1.5	1.3	1.3	1.3	1.3	1.4	.7	.7	1.1	.5	1.4	2.4	1.0	23	2.4
22	BF	.4	1.4	1.6	.9	.6	.9	1.8	2.9	BF	BF	BF	3.0	2.9	2.4	1.8	1.5	1.4	1.1	.9	.7	.6	.6	.6	20	3.0
23	BF	.8	.6	.6	.6	.4	.5	.5	.8	1.8	1.4	.6	.7	.5	.5	.5	.5	.7	1.6	4.3	2.9	3.2	3.3	4.1	23	4.3
24	BF	4.1	2.4	2.1	2.1	2.1	1.6	1.3	1.8	2.1	2.3	3.3	3.4	2.7	1.5	.9	.8	.7	.7	.5	.4	.3	.3	.5	23	4.1
25	BF	.6	.3	.3	.3	.5	.6	.7	.8	.9	.7	.7	1.0	1.9	1.2	.8	.8	.9	1.2	1.2	1.5	1.5	1.4	1.3	23	1.9
26	BF	1.1	.7	.5	.4	.3	.2	.3	.7	1.4	1.2	.8	.6	.6	.4	.5	.5	.6	.5	.5	.6	.9	1.1	.8	23	1.4
27	BF	1.0	1.1	1.3	1.3	1.4	1.3	1.2	1.1	1.1	.8	.7	.7	.6	.6	.6	.6	.7	1.9	3.6	2.7	1.6	.8	.6	23	3.6
28	BF	.6	.7	.6	.6	.9	1.1	1.2	1.2	1.0	1.1	1.6	1.9	1.5	1.0	1.1	1.2	.8	.7	.6	.5	.5	.5	.4	23	1.9
29	BF	.4	.6	1.3	1.3	1.0	.9	1.9	2.5	2.6	6.9	4.5	1.6	2.0	2.2	2.5	2.4	2.5	2.4	1.9	1.4	1.1	.7	.4	23	6.9
30	BF	.2	.1	.2	.1	.1	.1	.2	.9	2.7	2.9	2.8	2.5	2.3	2.1	2.1	1.9	1.6	1.2	1.1	.9	.6	.5	.2	23	2.9
31	BF	.3	.2	.2	.2	.2	.3	.7	1.2	1.3	1.3	1.3	1.2	1.2	1.1	.9	1.0	1.0	1.3	1.2	1.2	.8	.7	.4	23	1.3
NO.:		31	31	31	31	31	31	31	31	30	30	30	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:		4.1	2.4	2.1	2.1	2.1	1.6	1.9	2.9	5.1	6.9	4.5	3.4	2.9	2.4	2.5	2.4	2.5	2.4	4.3	2.9	3.2	3.3	4.1		
AVG:		.43	.36	.37	.34	.34	.38	.48	.69	.95	1.07	.93	.90	.93	.68	.60	.55	.51	.60	.80	.66	.59	.55	.45		

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: .61 MONTHLY MAX: 6.9

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.

(42401) Sulfur dioxide

SITE ID: 37-063-0015 POC: 1
COUNTY: (063) Durham
CITY: (19000) Durham
SITE ADDRESS: 801 STADIUM DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (166) EASTERN PIEDMONT
URBANIZED AREA: (2280) DURHAM, NC
LAND USE: COMMERCIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 36.032944
LONGITUDE: -78.905417
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 118
PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: FEBRUARY 2014

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	.3	.2	.2	.1	.2	.2	.3	.7	1.0	1.5	1.5	1.5	1.5	1.4	1.2	.9	.7	.6	.5	.5	.4	.7	.5	23	1.5
2	BF	.3	.2	.1	.1	.2	.0	.1	.1	.3	.6	.7	.7	.6	.6	.5	.4	.4	.4	.5	.3	.2	.3	.1	23	.7
3	BF	.2	.1	.1	.3	.5	.5	.4	.3	.2	.2	.9	.8	.9	.5	.3	.2	.5	.2	.3	.2	.2	.1	.1	23	.9
4	BF	.1	.1	.1	.0	.1	.2	.4	.3	.4	.2	.3	.1	.1	.1	.1	.1	.0	.0	.0	.1	.0	.1	.0	23	.4
5	BF	.1	.0	.0	.0	.0	.0	.0	.0	BF	BF	BF	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	20	.2
6	BF	.7	1.2	1.4	1.3	1.4	2.7	5.3	3.9	2.3	1.2	1.1	.8	.7	.7	.7	.6	.5	.5	.4	.3	.3	.4	.5	23	5.3
7	BF	.5	.5	.4	.3	.2	.4	.4	.5	.8	3.1	3.3	2.1	1.3	1.1	.9	.9	.8	.8	.6	.6	.7	.6	.5	23	3.3
8	BF	.5	.6	.6	.5	.6	1.0	1.1	3.2	2.9	1.1	3.1	.9	.7	.7	.6	.7	.6	.9	.7	.7	.4	.4	.5	23	3.2
9	BF	.3	.1	.1	.0	.1	.1	.1	.5	2.0	1.0	2.1	1.3	1.1	.9	1.1	.9	.8	.8	.5	.5	.4	.2	.2	23	2.1
10	BF	.0	.0	.0	.1	.1	.3	.8	1.7	2.7	2.9	2.4	.9	.7	.5	.6	.5	.4	.3	.3	.2	.2	.2	.2	23	2.9
11	BF	.3	.2	.3	.4	.6	2.2	2.6	2.6	2.4	1.8	1.9	2.1	2.3	2.1	2.1	2.2	2.0	1.8	1.9	1.4	1.5	1.4	1.1	23	2.6
12	BF	1.8	2.5	2.9	3.1	3.2	3.5	3.4	3.0	2.5	2.1	1.9	1.8	1.4	1.1	.9	1.2	1.0	.9	.7	.4	.3	.3	.2	23	3.5
13	BF	.2	.3	.7	.5	.3	.4	.4	.3	.2	.2	.1	.1	.2	.2	.2	.2	.1	.1	.2	.1	.1	.1	.5	23	.7
14	BF	.2	.0	.1	.1	.2	.3	.3	.7	.8	.8	.8	.6	.5	.5	.3	.3	.5	.4	.5	.5	.6	.6	.5	23	.8
15	BF	.3	.2	.1	.1	.1	.1	.1	.1	.2	.3	.7	4.1	1.9	.7	.8	1.0	1.1	1.3	1.1	1.0	.8	.8	.9	23	4.1
16	BF	1.5	1.7	1.4	1.4	1.4	1.3	1.3	1.5	1.2	.8	1.1	1.3	1.6	1.4	1.2	1.0	1.0	.9	1.0	.9	.7	.7	.7	23	1.7
17	BF	1.1	.9	.8	1.5	2.8	1.7	1.7	2.7	BF	BF	3.0	2.8	2.8	2.5	2.7	2.6	2.5	2.1	1.9	1.1	1.6	2.1	2.0	21	3.0
18	BF	1.4	1.3	1.3	1.5	1.7	1.3	1.5	1.5	1.6	1.4	1.0	1.0	1.0	1.1	1.0	1.0	.9	1.3	1.3	1.4	1.4	1.5	1.6	23	1.7
19	BF	1.3	1.2	1.1	1.1	.9	.9	.9	.9	.9	1.0	1.0	.9	.9	.9	.9	.9	.9	1.2	1.3	1.1	1.2	1.1	1.1	23	1.3
20	BF	.9	.8	.8	.9	.9	1.0	1.2	1.3	1.3	1.2	1.3	1.3	1.4	1.4	1.4	1.6	1.6	1.5	1.5	1.3	1.2	1.1	1.0	23	1.6
21	BF	1.0	.9	.8	.9	.9	.8	.9	.9	1.0	.9	.8	.8	.8	.9	.9	1.0	1.1	.9	.9	1.0	1.1	1.0	.8	23	1.1
22	BF	1.0	.9	.9	.8	.8	.9	.9	1.0	1.5	3.4	2.1	1.7	1.5	1.1	1.2	1.3	1.4	1.2	1.2	1.3	1.2	1.1	1.1	23	3.4
23	BF	1.0	1.0	.9	.9	.8	.9	.9	1.1	1.5	1.4	1.4	1.8	2.0	2.4	1.8	1.9	2.1	1.9	1.6	1.5	1.6	1.6	1.5	23	2.4
24	BF	1.3	2.9	3.5	4.2	4.0	2.4	2.0	2.2	1.4	BA	1.3	1.3	1.1	1.1	1.1	1.2	1.1	1.2	1.1	1.1	1.0	1.0	1.1	22	4.2
25	BF	1.1	1.1	1.2	1.2	1.2	1.3	1.4	1.7	1.7	1.5	1.4	1.3	1.0	1.8	4.9	5.2	4.2	3.0	2.4	2.0	1.7	1.1	1.0	23	5.2
26	BF	1.4	1.2	1.2	1.2	1.1	1.0	1.1	1.1	1.2	1.2	2.0	2.6	2.6	2.4	1.9	1.6	2.0	2.8	2.3	2.0	2.2	2.5	4.6	23	4.6
27	BF	1.3	3.3	3.4	2.3	1.5	1.3	1.3	1.7	2.0	1.5	1.4	1.3	1.2	1.0	.6	.6	.6	.8	.8	.8	.9	3.2	3.8	23	3.8
28	BF	1.6	1.4	1.7	1.9	2.2	2.3	1.8	1.5	1.8	2.1	BF	BF	BF	1.8	1.7	1.6	1.9	1.5	1.6	1.5	1.5	1.5	1.6	20	2.3
29																									0	
30																									0	
31																									0	
NO.:		28	28	28	28	28	28	28	28	26	25	26	27	27	28	28	28	28	28	28	28	28	28	28		
MAX:		1.8	3.3	3.5	4.2	4.0	3.5	5.3	3.9	2.9	3.4	3.3	4.1	2.8	2.5	4.9	5.2	4.2	3.0	2.4	2.0	2.2	3.2	4.6		
AVG:		.78	.89	.93	.95	1.00	1.04	1.16	1.32	1.38	1.34	1.48	1.33	1.18	1.11	1.13	1.13	1.10	1.05	.97	.85	.84	.92	1.00		

MONTHLY OBSERVATIONS: 635 MONTHLY MEAN: 1.08 MONTHLY MAX: 5.3

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.

(42401) Sulfur dioxide

SITE ID: 37-063-0015 POC: 1
COUNTY: (063) Durham
CITY: (19000) Durham
SITE ADDRESS: 801 STADIUM DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (166) EASTERN PIEDMONT
URBANIZED AREA: (2280) DURHAM, NC
LAND USE: COMMERCIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 36.032944
LONGITUDE: -78.905417
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 118
PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MARCH 2014

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

DAY	HOUR 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	1.8	1.6	1.6	1.6	1.5	1.6	1.7	1.7	1.6	1.4	1.3	1.2	1.1	1.0	1.0	1.0	1.0	1.0	1.0	.8	.7	.7	.8	23	1.8
2	BF	.5	.5	.5	.5	.6	.4	.5	.7	1.7	1.4	1.1	.9	.9	.8	1.0	.9	.9	.9	1.0	1.1	1.0	.9	1.0	23	1.7
3	BF	.9	.8	.8	.5	.5	.8	1.3	1.3	1.1	.6	.5	.5	.9	.8	.4	.4	.4	.4	.4	.4	.5	.5	.6	23	1.3
4	BF	1.2	1.2	1.3	1.3	1.3	1.4	1.8	2.3	2.0	1.7	1.6	1.3	1.3	1.4	1.3	1.4	1.7	1.4	1.2	1.1	1.1	1.1	1.2	23	2.3
5	BF	1.3	1.3	1.2	1.4	1.6	2.6	1.6	1.6	1.6	1.7	BA	BA	BA	3.5	3.4	1.4	1.2	1.1	1.1	1.0	.8	1.1	1.2	20	3.5
6	BF	4.7	5.2	4.3	4.4	3.7	3.5	3.0	2.8	2.6	2.1	1.7	1.5	1.4	1.1	1.0	1.0	.6	.5	.5	.5	.5	.4	.5	23	5.2
7	BF	.5	.4	.3	.3	.3	.0	.0	.2	.5	.8	.4	.4	.6	.3	.4	.4	.9	1.1	.6	.4	.6	.5	.2	23	1.1
8	BF	.0	.2	.0	.0	.2	.4	.5	.7	.9	1.1	1.2	.9	.9	.6	.4	.6	.9	.6	.7	.6	.8	.6	.5	23	1.2
9	BF	.4	.4	.4	.5	.3	.4	.3	.6	1.5	1.5	1.6	1.4	1.3	1.3	1.2	.9	.9	.7	.6	.5	.4	.4	.2	23	1.6
10	BF	.3	.3	.5	.5	.4	.6	.6	1.0	1.2	.6	.4	.1	.3	.4	.4	.6	.7	.8	.6	.6	.7	.7	.7	23	1.2
11	BF	.6	.6	.6	.6	.6	.6	1.2	1.0	.7	.6	.7	.7	.8	.5	.5	.6	.5	.6	.8	.7	.7	.7	.8	23	1.2
12	BF	.7	.9	.9	.7	.9	.7	.9	.9	.7	.7	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.6	.7	.6	23	.9
13	BF	.8	.8	.7	.9	.9	.9	.9	.9	.9	1.0	.9	.9	1.0	.9	.9	.9	.9	.9	.8	.8	.8	.8	.8	23	1.0
14	BF	.8	.8	.9	1.0	1.0	.9	1.3	.9	.9	1.0	.9	.9	.9	.8	.9	.9	1.2	1.3	1.2	1.3	1.2	.9	1.0	23	1.3
15	BF	1.3	1.5	1.8	1.9	1.8	1.3	.6	.5	.4	.5	.4	.4	.5	.3	.2	.3	.2	.1	.3	.4	.3	.2	.1	23	1.9
16	BF	.0	.0	.0	.0	.0	.1	.5	.9	1.0	1.0	.8	.6	.5	.5	.5	.2	.2	.1	.0	.0	.0	.0	.0	23	1.0
17	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
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	23	0.0
19	BF	.0	.0	.0	.3	.4	.1	.0	BA	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	.4
20	BF	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.2	.3	.2	.1	.3	.2	.1	.1	.0	.0	23	.3
21	BF	.0	.0	.0	.0	.0	.1	.4	.6	.4	.4	.3	.1	.1	.1	.1	.0	.1	.0	.1	.2	.2	.2	.2	23	.6
22	BF	.3	.3	.3	.3	.2	.2	.4	.7	.6	.6	.5	.6	.5	.5	.4	.4	.5	.4	.4	.4	.3	.2	.1	23	.7
23	BF	.1	.0	.0	.0	.3	.5	.6	1.0	1.3	1.3	1.4	1.1	.8	.8	.6	.6	.5	.6	.6	.0	.0	.0	.0	23	1.4
24	BF	.0	.0	.0	.0	1.7	2.4	3.3	1.0	1.1	1.1	1.0	.8	.7	1.2	1.7	1.6	1.4	1.0	.7	.6	.4	.3	.3	23	3.3
25	BF	.4	.4	.4	.3	.2	.2	.3	.2	.2	.4	.2	.2	.2	.2	.2	.1	.1	.1	.0	.1	.1	.0	.5	23	.5
26	BF	.5	.4	.5	.5	.4	.4	.3	.1	.2	.3	.4	.5	.3	.2	.1	.1	.1	.0	.0	.1	.0	.0	.0	23	.5
27	BF	.0	.0	.0	.0	.0	.1	1.2	.5	.5	.5	.4	.5	.5	.5	.4	.4	.4	.3	.3	.2	.1	.1	.1	23	1.2
28	BF	.2	.2	.2	.3	.3	.3	.4	.6	.5	.3	.3	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.6
29	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	AV	.0	22	0.0
30	BF	.0	.1	.2	.2	.3	.4	.5	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.4	.5	.5	23	.5
31	BF	.7	.7	.8	1.0	1.5	1.5	1.3	.8	.5	1.0	1.3	1.4	1.3	.4	.7	.9	.6	.4	.3	.2	.2	.0	.0	23	1.5
NO.:		31	31	31	31	31	31	31	30	30	31	30	30	30	31	31	31	31	31	31	31	31	30	31		
MAX:		4.7	5.2	4.3	4.4	3.7	3.5	3.3	2.8	2.6	2.1	1.7	1.5	1.4	3.5	3.4	1.6	1.7	1.4	1.2	1.3	1.2	1.1	1.2		
AVG:		.58	.60	.59	.61	.67	.72	.82	.80	.83	.76	.66	.59	.58	.61	.60	.53	.53	.49	.45	.41	.40	.38	.38		

MONTHLY OBSERVATIONS: 707 MONTHLY MEAN: .59 MONTHLY MAX: 5.2

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.

(42401) Sulfur dioxide

SITE ID: 37-063-0015 POC: 1
COUNTY: (063) Durham
CITY: (19000) Durham
SITE ADDRESS: 801 STADIUM DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (166) EASTERN PIEDMONT
URBANIZED AREA: (2280) DURHAM, NC
LAND USE: COMMERCIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 36.032944
LONGITUDE: -78.905417
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 118
PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: APRIL 2014

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

DAY	HOUR 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	.0	.0	.1	.1	.0	.2	.3	.5	.4	.4	.2	.3	.3	.3	.3	.1	.2	.2	.3	.3	.4	.2	.2	23	.5
2	BF	.1	.1	.0	.0	.1	.4	.5	.5	.4	.5	.4	.5	.6	.4	.5	.4	.3	.3	.2	.3	.2	.3	.1	23	.6
3	BF	.0	.0	.0	.1	.2	.2	.4	.4	.4	.4	.5	.6	.8	.3	.4	.5	.5	.4	.4	.5	.2	.1	.0	23	.8
4	BF	.1	.0	.0	.0	.1	.2	.4	.5	.4	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.5
5	BF	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.2	.3	.3	.2	.3	1.1	.5	.2	1.4	13.7	5.2	23	13.7
6	BF	.1	.3	.4	.4	.4	.5	.4	.4	.6	.9	.8	.7	.5	.5	.4	.3	.7	.9	1.1	1.0	.5	.2	.2	23	1.1
7	BF	.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
8	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	1.4	1.9	2.4	.7	1.9	4.2	23	4.2
9	BF	4.6	1.4	.6	.3	.1	.2	.3	BA	BA	1.4	1.8	1.9	.4	.2	.1	.2	.2	.3	.3	.2	.0	.0	.0	21	4.6
10	BF	.0	.0	.0	.0	.1	.1	.4	1.0	3.2	.9	.4	.4	.2	.3	.2	.1	.1	.1	.1	.1	.2	.2	.3	23	3.2
11	BF	.2	.2	.3	.4	.4	.4	.6	.5	.5	.4	.3	.3	.3	.2	.1	.2	.2	.1	.2	.2	.2	.1	.1	23	.6
12	BF	.1	.1	.0	.0	.0	.0	.3	.5	.6	.6	.5	.4	.4	.3	.3	.3	.3	.3	.2	.2	.1	.3	.2	23	.6
13	BF	.1	.1	.1	.1	.4	.6	1.3	.9	.6	.4	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	1.3
14	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
15	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.4	.6	23	.6
16	BF	.1	1.0	1.1	1.0	1.7	.8	.1	.2	.2	.1	.1	.1	.2	.2	.1	.2	.4	.6	.6	.7	.2	.0	.0	23	1.7
17	BF	.1	.0	.0	.0	.0	.1	AZ	AZ	AZ	.6	.3	.0	.0	.0	.0	.0	.1	.2	.2	.1	.0	.0	.0	20	.6
18	BF	.0	.0	.0	.0	.0	.1	.3	.1	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.1	.0	.0	.0	.0	23	.3
19	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.2	23	.2
20	BF	.5	.5	.3	.2	.1	.0	.1	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.5
21	BF	.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
22	BF	.0	.0	.0	.0	.0	.1	.1	.2	.6	.5	.7	.5	.4	.2	.2	.3	.2	.0	.0	.0	.0	.0	.0	23	.7
23	BF	.0	.1	.0	.3	.7	.8	.6	.6	.5	.3	.2	.2	.1	.3	.3	.4	.4	.5	.3	.2	.2	.8	1.3	23	1.3
24	BF	.2	.0	.0	.0	.0	.0	.1	.2	.2	.1	.0	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.0	23	.2
25	BF	.0	.0	.0	.0	.0	.1	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
26	BF	.0	.1	.0	.0	.0	.0	.2	.3	.5	.3	.4	.3	.1	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0	23	.5
27	BF	.0	.0	.0	.0	.0	.0	.3	.2	.2	.2	.4	.3	.2	.1	.2	.2	.2	.1	.1	.1	.1	.1	.1	23	.4
28	BF	.0	.0	.3	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
29	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
30	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
31																									0	
NO.:		30	30	30	30	30	30	29	28	28	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:		4.6	1.4	1.1	1.0	1.7	.8	1.3	1.0	3.2	1.4	1.8	1.9	.8	.5	.5	.5	.7	1.4	1.9	2.4	1.4	13.7	5.2		
AVG:		.21	.13	.11	.10	.15	.16	.24	.26	.35	.28	.25	.23	.17	.14	.12	.12	.15	.23	.22	.23	.15	.62	.42		

MONTHLY OBSERVATIONS: 685 MONTHLY MEAN: .22 MONTHLY MAX: 13.7

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.

(42401) Sulfur dioxide

SITE ID: 37-063-0015 POC: 1
COUNTY: (063) Durham
CITY: (19000) Durham
SITE ADDRESS: 801 STADIUM DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (166) EASTERN PIEDMONT
URBANIZED AREA: (2280) DURHAM, NC
LAND USE: COMMERCIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 36.032944
LONGITUDE: -78.905417
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 118
PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MAY 2014

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

DAY	HOUR 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	.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
2	BF	.0	.0	.0	.0	.0	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	23	.3
3	BF	.0	.0	.0	.0	.3	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	23	.3
4	BF	.0	.0	.0	.0	.0	.0	.2	.5	.7	.5	.5	.4	.4	.3	.3	.2	.2	.1	.0	.1	.0	.0	.0	23	.7
5	BF	.0	.0	.0	.1	.1	.3	.3	.6	.4	.3	.3	.3	.3	.2	.3	.2	.3	.3	.2	.2	.1	.1	.1	23	.6
6	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.3	.4	.4	.2	.1	.0	.0	23	.4
7	BF	.0	.0	.0	.0	.0	.0	.0	BA	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	0.0
8	BF	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.1	.1	.0	.2	.2	.1	.1	.1	.1	.1	.0	.0	23	.2
9	BF	.0	.0	.0	.0	.0	.3	.5	.4	.4	.3	.2	.2	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.5
10	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
11	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.6	.1	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	23	.6
12	BF	.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
13	BF	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
14	BF	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
15	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
16	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	23	.2
17	BF	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	23	.1
18	BF	.2	.2	.0	.0	.0	.3	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.5
19	BF	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
20	BF	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	23	.1
21	BF	.0	.0	.0	.0	.0	.0	.0	BA	.0	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.0	.1	.0	.0	22	.1
22	BF	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	23	.1
23	BF	.0	.0	.0	.0	.0	.0	1.2	3.8	1.7	.6	.5	.5	.6	.2	.3	.7	.8	.6	.3	.1	.9	.9	.1	23	3.8
24	BF	.9	.3	.0	.0	.0	.1	.0	1.0	.7	.3	.1	.2	.0	.7	.5	.0	.0	1.0	1.9	1.2	.5	.3	.0	23	1.9
25	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
26	BF	.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
27	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
28	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
29	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
30	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	23	.2
31	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.6
NO.:		31	31	31	31	31	31	31	29	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		.9	.3	0.0	.1	.3	.3	1.2	3.8	1.7	.6	.6	.6	.6	.7	.5	.7	.8	1.0	1.9	1.2	.9	.9	.2		
AVG:		.04	.02	0.00	0.00	.01	.04	.12	.25	.16	.09	.09	.10	.08	.06	.07	.06	.07	.09	.10	.07	.06	.04	.02		

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: .07 MONTHLY MAX: 3.8

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.

(42401) Sulfur dioxide

SITE ID: 37-063-0015 POC: 1
COUNTY: (063) Durham
CITY: (19000) Durham
SITE ADDRESS: 801 STADIUM DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (166) EASTERN PIEDMONT
URBANIZED AREA: (2280) DURHAM, NC
LAND USE: COMMERCIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 36.032944
LONGITUDE: -78.905417
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 118
PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JUNE 2014

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

DAY	HOUR 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	BF	.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
2	BF	BF	.0	.0	.0	.0	BC	BC	BC	BC	BC	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17	.1
3	BF	BF	.0	.0	.0	.0	.1	.4	.2	.1	.1	.1	.2	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	22	.4
4	BF	BF	.0	.0	.0	.0	.0	.0	BA	BA	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	20	.1
5	BF	BF	.0	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.3	.2	.0	.0	.0	.2	.1	.0	.4	1.4	2.8	22	2.8
6	BF	BF	.7	.7	.8	.3	.0	.0	.0	.4	.4	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	22	.8
7	BF	BF	.0	.0	.0	.0	.1	1.1	.1	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	22	1.1
8	BF	BF	.0	.0	.0	.0	.1	.4	.6	.5	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.6
9	BF	BF	.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
10	BF	BF	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	22	.1
11	BF	BF	.0	.0	.0	.0	.0	.0	.5	.0	.8	1.6	.9	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	1.8
12	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.1
13	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.1
14	BF	BF	.0	.0	.0	.0	.1	.1	.3	.6	.6	.3	.2	.3	.3	.1	.1	.2	.2	.1	.1	.0	.0	.0	22	.6
15	BF	BF	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.1	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0	.0	22	.2
16	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.3
17	BF	BF	.0	.0	.0	.2	.1	.2	.3	.1	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.3
18	BF	BF	.0	.0	.0	.1	.2	.3	.2	.2	.3	.2	.1	.1	.2	.1	.0	.0	.0	.0	.1	.0	.0	.0	22	.3
19	BF	BF	.1	.1	.1	.1	.4	.4	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.4
20	BF	BF	.0	.0	.0	.0	.0	.0	.0	.2	.8	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	22	.8
21	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.2
22	BF	BF	.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	BF	BF	.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	BF	BF	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.1
25	BF	BF	.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
26	BF	BF	.0	.0	.0	.0	.0	.1	.3	.3	.2	.2	.3	.7	.1	.0	.0	.0	.2	.7	.5	.4	.5	.2	22	.7
27	BF	BF	.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
28	BF	BF	.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
29	BF	BF	.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
30	BF	BF	.0	.0	.0	.0	.0	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.3
31																									0	
NO.:			30	30	30	30	29	29	28	28	29	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:			.7	.7	.8	.3	.4	1.1	.6	.6	.8	1.6	.9	1.8	.3	.1	.1	.2	.2	.7	.5	.4	1.4	2.8		
AVG:			.03	.03	.03	.03	.04	.12	.12	.12	.16	.12	.08	.13	.03	.02	0.00	.01	.03	.03	.02	.03	.07	.10		

MONTHLY OBSERVATIONS: 653 MONTHLY MEAN: .06 MONTHLY MAX: 2.8

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.

(42401) Sulfur dioxide

SITE ID: 37-063-0015 POC: 1
COUNTY: (063) Durham
CITY: (19000) Durham
SITE ADDRESS: 801 STADIUM DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (166) EASTERN PIEDMONT
URBANIZED AREA: (2280) DURHAM, NC
LAND USE: COMMERCIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 36.032944
LONGITUDE: -78.905417
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 118
PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JULY 2014

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

DAY	HOUR 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	.0	.0	.0	.0	.0	.0	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1	.0	23	.3
2	BF	.0	.0	.0	.1	.1	.1	.1	BA	.3	.3	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.4
3	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.9	.0	.0	23	.9
4	BF	.3	.0	.1	.0	.1	.2	.5	.5	.8	.5	.9	.3	.1	.1	.0	.0	.0	1.4	2.8	1.9	1.3	.4	.2	23	2.8
5	BF	.2	.1	.0	.0	.0	.1	.5	.6	.3	.2	.2	.2	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	23	.6
6	BF	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
7	BF	.1	.0	.0	.0	.0	.1	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
8	BF	.1	.1	.1	.1	.0	.0	.3	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.1	.0	.3	.1	.0	.0	23	.3
9	BF	.0	.0	.0	.1	.1	.1	.3	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
10	BF	.2	.5	.1	.2	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.5
11	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
12	BF	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	23	.1
13	BF	.1	.0	.0	.0	.0	.0	.1	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
14	BF	.2	.0	.0	.0	.0	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
15	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
16	BF	.1	.0	.0	.0	.0	.0	.1	.5	.7	.6	.2	.2	.4	.4	.3	.3	.2	.3	.1	.0	.0	.0	.0	23	.7
17	BF	.0	.0	.0	.0	.0	.8	1.8	1.5	.8	.2	.1	.1	.1	.1	.1	.1	.1	.3	.1	.0	.1	.0	.0	23	1.8
18	BF	.1	.0	.0	.0	.0	.2	.2	.8	.4	.4	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.8
19	BF	.1	.0	.0	.0	.0	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0	23	.2
20	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
21	BF	.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
22	BF	.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
23	BF	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
24	BF	.1	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
25	BF	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
26	BF	.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
27	BF	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
28	BF	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
29	BF	.0	.0	.0	.0	.2	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
30	BF	.0	.0	.0	.0	.0	.1	.2	.0	BA	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.2
31	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
NO.:		31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		.3	.5	.1	.2	.2	.8	1.8	1.5	.8	.6	.9	.4	.4	.4	.3	.3	.2	1.4	2.8	1.9	1.3	.9	.2		
AVG:		.08	.03	.01	.02	.02	.08	.16	.21	.17	.12	.09	.06	.04	.03	.02	.02	.02	.07	.10	.08	.07	.05	.01		

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .07 MONTHLY MAX: 2.8

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.

(42401) Sulfur dioxide

SITE ID: 37-063-0015 POC: 1
COUNTY: (063) Durham
CITY: (19000) Durham
SITE ADDRESS: 801 STADIUM DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (166) EASTERN PIEDMONT
URBANIZED AREA: (2280) DURHAM, NC
LAND USE: COMMERCIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 36.032944
LONGITUDE: -78.905417
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 118
PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: AUGUST 2014

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

DAY	HOUR 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	.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	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
3	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
4	BF	.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
5	BF	.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
6	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.5	.9	.4	.3	.5	.7	.6	.3	.2	.0	.0	.0	23	.9
7	BF	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	23	.1
8	BF	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
9	BF	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
10	BF	.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
11	BF	.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
12	BF	.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
13	BF	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
14	BF	.3	.0	.0	.0	.0	.0	.3	.5	.5	.5	.5	.3	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	23	.5
15	BF	.3	.0	.0	.0	.0	.0	.0	.4	.3	.3	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.4
16	BF	.2	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
17	BF	.2	.1	.0	.0	.0	.0	.0	.0	.1	.1	.7	.5	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	23	.7
18	BF	.2	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
19	BF	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.4
20	BF	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
21	BF	.3	.1	.1	.1	.1	.0	.0	.0	AT	1.1	1.0	.5	.5	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	22	1.1
22	BF	.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
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	23	0.0
24	BF	1.0	.4	.3	.2	.1	.1	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
25	BF	2.1	.5	.3	.2	.2	.1	.1	BA	BA	2.7	.7	.5	.3	.2	.1	.1	.1	.1	.0	.1	.1	.0	.0	21	2.7
26	BF	1.3	.3	.2	.1	.0	.0	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	1.3
27	BF	1.2	.2	.1	.1	.0	.1	.0	.8	4.1	1.8	1.6	1.1	.5	.4	.7	1.3	1.1	.7	.3	.2	.2	.1	.1	23	4.1
28	BF	1.1	.3	.2	.1	.1	.1	.3	BA	2.4	.7	.6	.5	.6	.5	.3	.2	.1	.0	.0	.0	.0	.0	.0	22	2.4
29	BF	.2	.1	.0	.0	.0	.0	.1	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
30	BF	.6	.2	.1	.1	.1	.0	.1	.1	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.6
31	BF	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
NO.:		31	31	31	31	31	31	31	29	29	31	31	31	31	31	31	31	31	31	31	31	31	31			
MAX:		2.1	.5	.3	.2	.2	.1	.3	.8	4.1	2.7	1.6	1.1	.9	.5	.7	1.3	1.1	.7	.3	.2	.2	.1	.1		
AVG:		.35	.08	.05	.03	.02	.01	.04	.08	.28	.26	.20	.16	.13	.08	.06	.09	.07	.05	.02	.02	.01	0.00	0.00		

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: .09 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.

(42401) Sulfur dioxide

SITE ID: 37-063-0015 POC: 1
COUNTY: (063) Durham
CITY: (19000) Durham
SITE ADDRESS: 801 STADIUM DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (166) EASTERN PIEDMONT
URBANIZED AREA: (2280) DURHAM, NC
LAND USE: COMMERCIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 36.032944
LONGITUDE: -78.905417
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 118
PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: SEPTEMBER 2014

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

DAY	HOUR 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	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
2	BF	.3	.1	.2	.1	.1	.0	.1	.1	.1	.2	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.3
3	BF	.5	.1	.1	.0	.0	.0	.0	.0	.1	.1	.4	.7	.8	.8	.8	.6	.2	.0	.0	.0	.0	.0	.0	23	.8
4	BF	.4	.2	.1	.0	.1	.1	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
5	BF	.8	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.8
6	BF	.7	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.7
7	BF	.8	.2	.1	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.8
8	BF	1.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
9	BF	1.0	.2	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	23	1.0
10	BF	.9	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.9
11	BF	.9	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.9
12	BF	.5	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.5
13	BF	.8	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.5	.1	.1	.0	.0	.0	23	1.3
14	BF	1.0	.3	.2	.1	.1	.3	.3	.2	.1	.1	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	1.0
15	BF	.5	.1	.0	.0	.0	.1	.4	.7	.2	1.2	.3	.6	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	1.2
16	BF	.6	.0	.0	.0	.0	.0	.0	.0	.4	.6	.6	.7	1.3	1.8	1.8	1.4	1.1	.5	.0	.0	.0	.0	.0	23	1.8
17	BF	.5	.1	.1	.0	.0	.1	.1	.3	.3	.4	.3	.2	.2	.1	.2	.1	.2	.1	.0	.0	.0	.0	.0	23	.5
18	BF	.5	.1	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.5
19	BF	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
20	BF	.2	.0	.0	.0	.0	.0	.0	.5	.5	.4	.2	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	23	.5
21	BF	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	23	.5
22	BF	.3	.2	.6	.7	.7	.7	.6	1.3	3.2	2.6	1.7	.6	.5	.5	1.5	.5	.2	.1	.1	.1	.0	.0	.3	23	3.2
23	BF	.7	.3	.9	1.4	1.2	1.2	1.4	1.5	1.3	1.3	.7	.6	.4	.3	.2	.3	.4	.4	.2	.1	.0	.0	.0	23	1.5
24	BF	.1	.0	.0	.0	.0	.0	.0	BA	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	.1
25	BF	.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
26	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	23	.4
27	BF	.1	.0	.0	.0	.0	.0	.0	.4	.3	.2	.1	.3	.8	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.8
28	BF	.1	.0	.0	.0	.0	.0	.0	1.2	2.3	.6	.3	.2	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	2.3
29	BF	.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
30	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	23	.1
31																									0	
NO.:		30	30	30	30	30	30	30	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:		1.0	.3	.9	1.4	1.2	1.2	1.4	1.5	3.2	2.6	1.7	.7	1.3	1.8	1.8	1.4	1.3	.5	.2	.2	.1	0.0	.3		
AVG:		.48	.12	.11	.10	.09	.09	.10	.22	.32	.26	.18	.15	.17	.15	.18	.11	.11	.07	.02	.02	0.00	0.00	.01		

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: .13 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.

(42401) Sulfur dioxide

SITE ID: 37-063-0015 POC: 1
COUNTY: (063) Durham
CITY: (19000) Durham
SITE ADDRESS: 801 STADIUM DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (166) EASTERN PIEDMONT
URBANIZED AREA: (2280) DURHAM, NC
LAND USE: COMMERCIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 36.032944
LONGITUDE: -78.905417
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 118
PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: OCTOBER 2014

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

DAY	HOUR 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	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
2	BF	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
3	BF	.1	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	23	.2
4	BF	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
5	BF	.0	.0	.0	.0	.0	.0	.0	.2	.7	.5	.4	.4	.4	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	23	.7
6	BF	.1	.0	.0	.0	.0	.0	.0	.2	.3	.4	.5	.4	.2	.3	.2	.3	.2	.2	.3	.3	.1	.2	.1	23	.5
7	BF	.2	.1	.1	.0	.0	.0	.1	.2	.4	.4	.3	.3	.3	.4	.5	.5	.5	.5	.3	.2	.3	.2	.2	23	.5
8	BF	.3	.1	.0	.0	.0	.0	.0	.3	.2	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2	23	.3
9	BF	.2	.0	.0	.0	.0	.0	.0	.2	1.6	.8	.8	.9	1.3	1.1	1.0	.8	.4	.1	.1	.1	.1	.1	.1	23	1.6
10	BF	.1	.1	.0	.0	.0	.1	.4	.6	.6	.7	.5	.3	.2	.2	.1	.1	.0	.3	.1	.0	.0	.0	.0	23	.7
11	BF	.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
12	BF	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
13	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
14	BF	.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
15	BF	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
16	BF	.1	.0	.0	.0	.0	.0	.0	BA	BA	.2	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	21	.2
17	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
18	BF	.0	.0	.0	.0	.0	.0	.0	.3	.5	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	23	.5
19	BF	.1	.1	.1	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
20	BF	.1	.0	.0	.0	.1	.0	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.0	.0	.0	23	.2
21	BF	.1	.0	.0	.0	.0	.0	.1	.3	.6	.4	.4	.5	.5	.4	.3	.3	.1	.0	.0	.0	.0	.1	.2	23	.6
22	BF	.3	.1	.1	.1	.0	.0	.0	BA	BA	.5	.7	1.3	.8	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	21	1.3
23	BF	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.4	.4	.1	.0	23	.4
24	BF	.1	.0	.0	.0	.0	.1	.3	5.8	12.6	9.9	2.8	.3	.2	.1	.1	.1	.2	.0	.1	.0	.0	.0	.3	23	12.6
25	BF	.2	.1	.0	.0	.0	.0	.0	.6	1.3	1.6	1.9	1.7	1.4	1.1	.9	.6	.4	.3	.1	.2	.1	.1	.1	23	1.9
26	BF	.1	.0	.5	.6	.8	.7	.4	.5	.7	.6	.5	.5	.4	.3	.3	.3	.3	.1	.0	.0	.0	.0	.0	23	.8
27	BF	.0	.0	.0	.0	.0	.0	.1	.2	1.1	1.0	1.1	.8	.8	.6	.4	.2	.1	.1	.2	.0	.1	.2	.0	23	1.1
28	BF	.2	.1	.1	.1	.1	.1	.3	.3	.5	.5	.6	.4	.5	.5	.7	.7	1.1	.3	.2	.1	.1	.1	.1	23	1.1
29	BF	.1	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.4	.3	.1	.1	.0	.3	1.2	2.3	3.8	3.8	.4	.4	23	3.8
30	BF	.6	.4	.2	.2	.1	.0	.2	2.7	2.2	1.0	.4	.3	.2	.3	.3	.3	.2	.2	.1	.0	.0	.0	.0	23	2.7
31	BF	.0	.0	.0	.0	.1	.1	.5	.7	.6	.5	.4	.4	.3	.3	.3	.3	.2	.2	.3	.2	.2	.1	.0	23	.7
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:		.6	.4	.5	.6	.8	.7	.5	5.8	12.6	9.9	2.8	1.7	1.4	1.1	1.0	.8	1.1	1.2	2.3	3.8	3.8	.4	.4		
AVG:		.13	.04	.04	.03	.04	.04	.09	.47	.84	.67	.41	.31	.27	.21	.19	.16	.14	.12	.14	.18	.17	.05	.06		

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: .21 MONTHLY MAX: 12.6

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.

(42401) Sulfur dioxide

SITE ID: 37-063-0015 POC: 1
COUNTY: (063) Durham
CITY: (19000) Durham
SITE ADDRESS: 801 STADIUM DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (166) EASTERN PIEDMONT
URBANIZED AREA: (2280) DURHAM, NC
LAND USE: COMMERCIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 36.032944
LONGITUDE: -78.905417
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 118
PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: NOVEMBER 2014

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

DAY	HOUR 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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	2.3	4.7	1.1	.2	.2	23	4.7
2	BF	.1	.0	.0	.0	.1	.1	.1	.2	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.4	23	.4
3	BF	.3	.2	.5	.4	.4	.1	.3	.5	.6	.7	.5	.4	.3	.4	.3	.4	.3	.4	.5	.3	.3	.2	.1	23	.7
4	BF	.2	.0	.0	.0	.0	.2	.3	.4	.5	.8	.9	.4	.5	.6	.8	1.1	1.1	1.0	.7	.6	.5	.4	.4	23	1.1
5	BF	.3	.1	.1	.0	.1	.0	.3	.5	.6	.6	.6	.5	.5	.4	.4	.4	.3	.2	.2	.2	.3	.1	.1	23	.6
6	BF	.2	.1	.1	.2	.2	.1	.1	.2	.1	.1	.2	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	23	.2
7	BF	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.4	.4	.4	.2	.2	.2	.2	.2	.2	.1	.6	1.0	1.0	23	1.0
8	BF	.2	.0	.1	.0	.0	.1	.1	.3	.5	.4	.4	.3	.2	.3	.2	.4	.2	.2	.2	.2	.1	.2	.1	23	.5
9	BF	.1	.1	.0	.0	.0	.0	.1	.1	.4	4.0	7.2	4.7	4.9	3.3	.7	.7	.5	.2	.2	.1	.1	.1	.1	23	7.2
10	BF	.2	.1	.1	.1	.1	.2	.2	.2	.4	.7	.9	.6	.5	.4	.4	.3	.2	.2	.3	.2	.1	.1	.1	23	.9
11	BF	.1	.0	.0	.0	.0	.3	.1	.0	.4	.8	.6	.5	.4	.3	.1	.2	.2	.2	.4	.3	.2	.2	.3	23	.8
12	BF	.2	.1	.1	.1	.2	.2	.1	.2	.3	.2	.5	.5	.5	.5	.7	.7	.9	1.8	2.1	1.4	.4	2.1	.8	23	2.1
13	BF	.3	.6	.6	.7	.9	1.0	1.0	.7	.7	.6	.5	.6	.5	.6	.7	.6	.6	.5	.6	.8	1.2	1.5	.8	23	1.5
14	BF	1.4	1.6	4.4	2.5	6.9	5.5	5.7	3.3	7.0	2.1	.6	.6	1.6	4.3	1.7	.6	.3	.5	.6	.5	.5	.5	1.0	23	7.0
15	BF	3.8	3.6	2.3	2.6	2.3	1.2	1.5	1.9	.9	1.0	1.0	.8	.6	.6	.6	.5	.4	.5	.6	.6	.5	.4	.3	23	3.8
16	BF	.3	.2	.3	.3	.3	.3	.4	.4	.8	.8	.7	.7	.6	.6	.6	.6	.5	.4	.1	.1	.1	.1	.1	23	.8
17	BF	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.1	.1	.2	.1	.1	.1	.1	.1	.2	.1	.1	23	.2
18	BF	.2	.0	.0	.1	.1	.3	.4	.4	.3	.4	.3	.3	.4	.4	.5	.4	.4	.3	.3	.3	.1	.1	.1	23	.5
19	BF	.1	.0	.0	.0	.1	.1	.1	.4	BA	BA	.7	.7	.5	.5	.4	.4	.4	.4	.4	.4	.4	.5	.6	21	.7
20	BF	.8	.7	.7	.6	.4	.3	.6	1.2	1.4	1.0	.9	.9	.8	.9	.9	.9	.8	.8	.7	.4	.4	.4	.4	23	1.4
21	BF	.3	.3	.4	.4	.3	.5	.6	.7	.8	1.0	1.0	1.0	1.2	1.3	1.2	1.2	.9	.9	.9	.8	.5	.4	.3	23	1.3
22	BF	.2	.2	.1	.1	.2	.2	.2	.6	1.0	.9	.8	.7	.6	.5	.6	.5	.5	.5	.6	.6	.6	.5	.4	23	1.0
23	BF	.3	.4	.3	.3	.3	.3	.4	.9	.8	.6	.6	.5	.5	.4	.4	.3	.2	.1	.2	.2	.1	.1	.1	23	.9
24	BF	.1	.1	.2	.1	.1	.1	.1	.2	.1	.2	.1	.2	.1	.1	.3	.3	.2	.2	.3	.4	.2	.3	.3	23	.4
25	BF	.2	.3	.1	.1	.2	.3	.3	.3	.5	3.5	3.9	5.9	5.3	7.9	4.9	1.2	.5	.4	.4	.3	.1	.2	.1	23	7.9
26	BF	.2	.0	.1	.1	.1	.1	.1	.1	.0	.1	.1	.2	.5	.1	.1	1.2	.7	.2	.1	.0	.1	.2	.2	23	1.2
27	BF	.2	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.2	.6	.5	.7	.6	.5	.4	.4	.4	.6	.5	.5	23	.7
28	BF	.5	.4	.2	.1	.1	.1	.2	1.0	1.0	.9	.8	.8	.8	.8	.8	.8	.6	.4	.3	.3	.3	.4	.4	23	1.0
29	BF	.4	.4	.3	.2	.3	.3	.2	.2	.4	.7	1.3	1.2	.9	1.3	2.1	2.6	1.1	.5	.5	.4	.4	.3	.3	23	2.6
30	BF	.7	.3	.2	.1	.2	.1	.2	.6	.9	.7	.6	.5	.4	.4	.3	.4	.4	.4	.4	.4	.2	.2	.2	23	.9
31																									0	
NO.:		30	30	30	30	30	30	30	30	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:		3.8	3.6	4.4	2.6	6.9	5.5	5.7	3.3	7.0	4.0	7.2	5.9	5.3	7.9	4.9	2.6	1.1	1.8	2.3	4.7	1.2	2.1	1.0		
AVG:		.40	.33	.38	.31	.47	.40	.46	.53	.72	.81	.88	.81	.82	.93	.70	.59	.44	.40	.49	.51	.35	.39	.33		

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: .54 MONTHLY MAX: 7.9

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.

(42401) Sulfur dioxide

SITE ID: 37-063-0015 POC: 1
COUNTY: (063) Durham
CITY: (19000) Durham
SITE ADDRESS: 801 STADIUM DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (166) EASTERN PIEDMONT
URBANIZED AREA: (2280) DURHAM, NC
LAND USE: COMMERCIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 36.032944
LONGITUDE: -78.905417
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 118
PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: DECEMBER 2014

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

DAY	HOUR 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	.2	.1	.1	.1	.2	.3	.5	.4	.5	.5	.5	.5	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	23	.5
2	BF	.3	.1	.2	.2	.2	.2	.2	.1	.1	.2	.2	.2	.3	.2	.3	.2	.2	.2	.2	.2	.1	.1	.0	23	.3
3	BF	.2	.1	.2	.1	.0	.1	.1	.3	.4	.2	.2	.2	.2	.2	.2	.2	.2	.2	.4	.4	.4	.4	.4	23	.4
4	BF	.3	.1	.1	.1	.2	.2	.2	.3	.7	1.0	1.0	.5	.6	.6	.7	.7	.7	.6	.5	.6	.5	.5	.6	23	1.0
5	BF	.6	.5	.5	.7	.7	.8	.8	.8	.8	.9	.9	.9	.8	.7	.7	.7	.5	.5	.6	.5	.4	.4	.3	23	.9
6	BF	.4	.4	.4	.4	.3	.3	.4	.3	.3	.4	.3	.2	.2	.2	.1	.2	.1	.2	.1	.1	.2	.3	.3	23	.4
7	BF	.2	.2	.2	.2	.2	.3	.3	.4	.4	.4	.4	.4	.3	.3	.2	.3	.2	.2	.3	.3	.3	.3	.4	23	.4
8	BF	.5	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.4	.5	.4	.2	.2	.3	.2	.1	.1	23	.6
9	BF	.1	.3	.3	.2	.2	.2	.2	.1	.3	.6	1.1	.3	.9	1.2	.5	.3	.3	.1	.0	.1	.2	.4	.3	23	1.2
10	BF	.5	.5	.6	.5	.5	.6	.6	.7	.8	.8	.8	.8	.6	.5	.8	.9	.9	1.0	1.1	1.0	1.0	.6	.3	23	1.1
11	BF	.3	.2	.3	.2	.2	.3	.4	.6	.8	.7	.6	.5	.5	.6	.4	.4	.4	.7	.6	.5	.5	.5	.4	23	.8
12	BF	.3	.3	.2	.2	.2	.3	.4	.6	.6	.5	.4	.4	.4	.4	.4	.6	1.0	.7	.7	.8	.7	.6	.6	23	1.0
13	BF	.5	.5	.5	.5	.4	.4	.5	.7	.8	.9	.9	.9	.9	.8	.8	.8	.8	.8	.5	.5	.6	.5	.4	23	.9
14	BF	.8	.7	.7	.5	.2	.2	.2	.4	1.0	1.1	1.0	1.0	.9	.9	.8	.8	.7	.6	.7	.9	.7	.5	.4	23	1.1
15	BF	3.9	1.0	.4	.3	.3	.4	.5	.5	.8	.9	.8	.7	.7	.7	.7	.6	.9	.9	.8	.7	.5	.5	.5	23	3.9
16	BF	.4	.4	.3	.3	.3	.3	.5	.2	.3	.5	.3	.2	.4	.3	.3	.2	.3	.3	.3	.5	.2	.2	.1	23	.5
17	BF	.2	.2	.2	.2	.1	.1	.2	.3	BA	BA	.1	.2	.2	.2	.2	.2	.4	.4	.4	.5	.5	.4	.3	21	.5
18	BF	.5	.4	.4	.5	.4	.4	.5	.8	.9	.8	.9	.7	.7	.6	.7	.7	.6	.5	.7	.7	.5	.4	.3	23	.9
19	BF	.5	.3	.3	.5	.7	.9	1.0	1.1	1.1	1.0	.8	.7	.7	.7	.6	.7	.5	.7	.7	.6	.5	.4	.4	23	1.1
20	BF	.4	.8	.8	.9	1.0	1.0	1.0	1.2	1.1	1.1	1.0	1.0	.9	.8	.8	.7	.6	.5	.3	.3	.4	.4	.4	23	1.2
21	BF	.4	.4	.4	.4	.4	.4	.4	.5	.7	.8	1.1	1.9	1.3	1.2	1.2	1.8	1.3	.8	.9	1.0	1.0	.9	.9	23	1.9
22	BF	.9	.9	.7	.6	.5	.5	.4	.5	.5	.5	.5	.5	.4	.4	.2	.2	.1	.2	.1	.1	.2	.1	.2	23	.9
23	BF	.2	.1	.1	.1	.2	.3	.1	.3	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.1	23	.3
24	BF	.2	.2	.1	.1	.2	.1	.2	.1	.0	.2	.3	.2	.3	.4	.2	.2	.2	.2	.1	.1	.1	.1	.2	23	.4
25	BF	.2	.1	.1	.2	.3	.2	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.3	.2	.2	.2	23	.3
26	BF	.1	.2	.2	.2	.2	.2	.2	.2	.4	.4	.6	.6	.5	.5	.5	.4	.4	.5	.3	.4	.4	.5	.5	23	.6
27	BF	.4	.3	.3	.3	.3	.3	.3	.4	.3	.7	1.3	.5	.5	.5	.3	.4	.4	.5	.3	.4	.3	.4	.3	23	1.3
28	BF	.4	.3	.4	.4	.4	.5	.4	.5	.7	.5	.2	.2	.2	.1	.2	.2	.1	.1	.3	.3	.3	.2	.1	23	.7
29	BF	.2	.1	.1	.3	.3	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.2	.2	23	.3
30	BF	.2	.2	.2	.3	.5	.4	.4	.3	.3	.4	.4	.5	.5	.4	.6	.6	.5	.3	.3	.3	.3	.2	.2	23	.6
31	BF	.2	.1	.1	.1	.1	.1	.2	.3	.6	1.6	1.7	1.1	.9	.9	1.0	.9	.8	.5	.4	.4	.5	.4	.3	23	1.7
NO.:		31	31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		3.9	1.0	.8	.9	1.0	1.0	1.0	1.2	1.1	1.6	1.7	1.9	1.3	1.2	1.2	1.8	1.3	1.0	1.1	1.0	1.0	.9	.9		
AVG:		.47	.34	.32	.33	.33	.35	.38	.45	.54	.62	.62	.54	.52	.50	.47	.49	.46	.43	.41	.43	.39	.36	.32		

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .44 MONTHLY MAX: 3.9

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.

(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: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JANUARY 2014

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	.0	.1	.3	1.4	1.2	.7	.0	.0	.1	.4	.3	.3	.7	.0	.1	.1	.0	24	1.4
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.7	1.0	.1	.0	.0	.0	-.1	-.1	-.1	-.2	-.2	.0	.0	24	1.0
3	.2	.6	1.3	.8	.8	.6	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.3	.2	24	1.3
4	.3	.2	.0	.1	.3	.0	.0	.2	.6	.8	1.1	.5	.2	.2	.2	.1	.5	.5	.5	.5	.2	.5	.2	.2	24	1.1
5	.2	.1	.1	.2	.3	.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.1	-.1	24	.3
6	-.1	-.1	-.2	-.2	-.2	-.2	.0	-.1	.1	.8	.9	.8	.6	.3	.2	BA	.0	.3	.5	.3	.4	.5	.5	.3	23	.9
7	.3	.3	.2	.1	.1	.2	.2	.3	.4	.7	.6	.4	.5	.5	.6	.6	.3	.4	.1	.1	.7	.9	.6	.8	24	.9
8	.7	.8	.5	.4	.6	.3	.2	.1	.4	1.9	2.5	.3	.3	.2	.2	.8	.9	.9	1.6	1.7	1.2	.3	.3	.3	24	2.5
9	.4	.2	.6	.4	.4	.5	.3	.5	.9	.9	5.0	2.9	1.3	.5	.0	.0	.0	.1	.3	.3	.4	.3	.3	.2	24	5.0
10	.1	.7	1.5	1.3	.6	.0	.0	.0	.3	.4	.2	.5	.6	3.4	1.5	.3	.0	.0	.1	.0	.0	.0	.0	.0	24	3.4
11	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.2	-.2	-.2	-.1	-.1	-.1	-.2	-.2	-.2	-.1	-.1	-.1	24	0.0
12	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.1	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	24	0.0
13	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	.1	.2	.1	BC	BF	.1	.1	.2	.9	.4	.3	.3	.3	.3	.1	.0	22	.9
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.2	.3	.2	.1	24	.3
15	.1	.1	.2	.2	.1	.0	.0	.4	.3	.2	.5	1.3	1.0	.4	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	24	1.3
16	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.3	.3	.2	.6	.3	.3	.2	.1	.2	.5	.8	.8	.3	.1	.1	24	.8
17	.1	.0	.0	.0	.0	.0	.0	.0	.1	.3	.6	1.0	.6	.5	.6	.4	.3	.3	.3	.2	.3	.3	.1	.0	24	1.0
18	.0	.0	.0	.1	.1	.0	.1	.1	.1	.2	.2	.1	.1	.3	.5	.2	.0	.0	.0	.1	.1	.7	.1	.1	24	.7
19	.1	.1	.1	.1	.0	.0	.0	.0	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	24	.2
20	.0	.0	.2	.2	.0	.0	.1	.1	1.7	6.7	.4	.3	.1	.2	.3	.3	.2	.2	.5	.8	.6	1.6	2.2	.6	24	6.7
21	.4	.2	.2	1.1	.7	.5	3.0	5.4	3.4	4.2	3.6	4.3	2.3	1.8	1.5	1.3	.5	.1	.1	.1	2.0	2.3	2.4	2.7	24	5.4
22	2.2	2.6	2.2	1.8	1.6	1.8	1.5	1.2	1.9	1.7	1.3	1.1	.9	.9	.8	.6	.5	.5	.6	.5	.6	.5	.4	.4	24	2.6
23	.6	.6	.5	.3	.9	1.2	.4	.5	6.0	1.8	.7	.7	.6	.7	.8	.6	.7	.8	1.1	.3	.2	.3	.3	.2	24	6.0
24	.2	.2	.2	.2	.2	.2	.3	.2	.3	.4	.5	.6	.5	.5	.3	.3	.3	.3	.3	.4	.6	.6	.8	.6	24	.8
25	.5	.6	.7	.6	.6	.8	.8	1.7	2.5	2.9	2.7	2.7	2.2	2.6	2.6	1.9	1.5	1.1	.6	.0	.1	.4	.6	.3	24	2.9
26	.2	.4	.3	.3	.4	.4	.5	.5	.6	.5	.3	.6	.7	.4	.7	.9	.7	.7	.5	.3	.3	.4	.5	.5	24	.9
27	.7	1.0	1.2	1.4	1.2	1.0	1.0	1.5	1.7	1.5	1.3	.7	BF	.6	.5	.4	.4	.3	.3	.2	.1	.2	.3	.4	23	1.7
28	.2	.8	.7	1.7	2.5	2.9	2.5	1.7	2.3	3.5	3.4	2.1	2.1	1.7	2.1	1.8	1.2	.9	.8	.6	1.4	2.2	1.6	.8	24	3.5
29	.6	.4	.3	.2	.2	.3	.6	.7	.7	.9	1.0	1.2	1.2	1.2	.9	.8	.8	.7	.9	1.1	.8	.8	.6	.8	24	1.2
30	.8	.5	.4	.3	.5	.4	.3	.4	.5	1.8	2.8	3.2	2.6	2.1	2.0	1.9	1.7	1.5	1.6	1.6	1.4	1.8	1.1	1.2	24	3.2
31	1.0	1.1	1.1	1.0	.7	.7	.8	.9	1.0	1.2	1.1	1.2	1.1	2.0	1.8	1.3	2.0	2.7	1.8	2.1	1.8	1.9	1.6	1.3	24	2.7
NO.:	31	31	31	31	31	31	31	31	31	31	31	30	29	31	31	30	31	31	31	31	31	31	31	31		
MAX:	2.2	2.6	2.2	1.8	2.5	2.9	3.0	5.4	6.0	6.7	5.0	4.3	2.6	3.4	2.6	1.9	2.0	2.7	1.8	2.1	2.0	2.3	2.4	2.7		
AVG:	.31	.36	.38	.39	.40	.37	.40	.52	.84	1.12	1.06	.95	.75	.69	.59	.51	.44	.42	.43	.41	.45	.57	.49	.39		

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: .55 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.

(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: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: FEBRUARY 2014

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	1.2	.9	.8	1.0	.9	1.2	.8	.7	.9	1.4	2.4	2.2	2.2	1.8	1.5	1.6	2.0	1.4	1.3	1.3	1.1	.9	1.0	1.1	24	2.4
2	1.0	.7	.7	.4	.2	.0	.0	.0	.0	.1	.3	.3	.3	.3	1.0	.8	.6	.6	.7	.7	.4	.4	.4	.6	24	1.0
3	1.1	.7	.9	.5	.2	.1	.2	.3	.1	.0	.1	.1	.0	.0	.0	.0	2.6	7.5	1.9	.6	.1	.1	.0	.0	24	7.5
4	.0	.1	.0	.0	.0	.2	.2	.1	.3	.2	.3	.5	.3	.2	.5	1.0	1.5	1.3	1.1	1.0	.9	.4	.3	.0	24	1.5
5	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.9	.2	.2	.1	.4	1.6	.0	.0	.0	.0	.0	.0	.1	24	1.6
6	.4	.9	1.1	1.1	1.2	1.4	1.2	.8	.7	.9	1.3	1.4	1.3	1.2	1.2	1.4	2.0	2.4	2.5	2.2	1.6	1.5	.8	.5	24	2.5
7	.4	.3	.2	.1	.0	.0	.3	.4	.6	.8	1.1	1.1	.9	.7	.7	.7	.6	.6	.6	.5	.5	.3	.4	.4	24	1.1
8	.7	.7	.7	.7	.8	.9	.8	.8	1.0	.7	.9	3.0	3.9	4.4	4.6	5.2	4.3	3.1	3.0	3.8	3.7	1.8	1.1	1.1	24	5.2
9	2.6	2.9	2.3	1.5	1.1	1.1	.7	.5	.5	.6	1.1	2.8	4.9	2.9	2.9	2.0	1.4	1.3	.9	.3	.1	.0	.0	.0	24	4.9
10	.0	.0	.0	.0	.0	.0	.0	.1	.4	2.1	2.1	.5	BF	.6	1.5	1.1	.6	.3	.2	.1	.0	.0	.1	.0	23	2.1
11	.1	.2	1.1	1.6	1.0	1.2	2.6	4.9	4.1	2.2	2.1	2.8	4.4	6.0	3.1	1.7	1.6	1.5	1.2	1.1	1.0	1.1	1.8	3.0	24	6.0
12	3.4	3.2	2.1	1.8	2.1	2.8	4.8	6.0	8.3	5.4	4.3	4.3	3.8	2.9	2.5	3.0	3.7	2.7	3.2	3.4	2.9	1.9	1.3	.8	24	8.3
13	.6	.4	.3	.3	1.7	2.1	2.4	.7	.4	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	.4	.4	.2	.3	.3	24	2.4
14	.3	.3	.4	.4	.5	.5	.5	.5	.6	.6	.7	.5	.4	.4	.4	.4	.5	.4	.4	.5	1.8	1.4	.8	.8	24	1.8
15	.9	1.2	1.2	.4	.2	.1	.0	.0	.0	1.9	3.3	.9	.0	.2	.5	.6	.6	.5	.6	.6	.7	.6	.6	.7	24	3.3
16	.6	.6	.7	.6	.6	.6	.5	.5	.7	1.0	1.0	1.8	1.1	1.0	1.0	1.1	1.1	1.0	1.2	1.0	.6	.5	.5	.4	24	1.8
17	.2	.1	.1	.1	.2	1.6	1.6	1.5	2.0	2.9	3.3	2.4	2.0	1.7	1.5	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.2	1.2	24	3.3
18	1.3	1.2	1.7	1.2	.9	.6	.6	5.3	3.0	6.6	2.0	.2	.0	.3	.2	.2	.0	.0	.1	.4	.6	2.4	2.1	1.8	24	6.6
19	.9	.5	.7	.7	.2	.1	.1	.1	.4	.1	.2	.3	.1	.1	.1	.2	1.2	.8	1.8	2.0	.0	.1	.1	.1	24	2.0
20	.2	.4	.5	.3	.4	.8	.7	.6	.7	.4	.3	.3	.3	.3	.6	1.2	1.5	1.5	1.3	.8	.7	.6	.6	.7	24	1.5
21	.4	.8	.3	.3	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	-.1	.0	.0	.0	.0	24	.8
22	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	2.2	.6	.6	1.0	2.9	24	2.9
23	2.2	1.8	.6	.2	.2	.1	.2	.1	.4	.6	.4	.3	.5	.8	.9	.5	.5	.7	.8	.8	.9	1.0	1.1	1.1	24	2.2
24	1.1	1.5	2.0	1.7	.7	.2	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.2	.2	.3	.3	.2	.2	.2	.2	24	2.0
25	.1	.1	.7	.7	.6	.6	.3	.6	1.0	1.1	.9	.8	.8	.7	.7	.7	.6	.8	.8	.7	.6	.8	.6	.6	24	1.1
26	1.1	1.4	1.0	.9	1.0	1.2	1.1	1.1	1.1	1.8	1.9	1.3	1.4	1.3	1.0	.5	.3	.2	.2	.2	.2	.4	.4	.4	24	1.9
27	.4	.3	.5	.4	.3	.4	.5	4.1	1.6	1.2	.6	.4	.6	.4	AZ	AZ	AZ	.5	.6	.8	.9	.9	.7	.6	21	4.1
28	.6	.7	1.4	1.8	2.0	2.7	1.8	1.8	2.0	2.2	2.6	2.8	3.0	2.3	1.9	1.4	1.1	1.1	1.1	1.1	2.1	2.8	4.3	3.9	24	4.3
29																									0	
30																									0	
31																									0	
NO.:	28	28	28	28	28	28	28	28	28	28	28	28	27	28	27	27	27	28	28	28	28	28	28	28		
MAX:	3.4	3.2	2.3	1.8	2.1	2.8	4.8	6.0	8.3	6.6	4.3	4.3	4.9	6.0	4.6	5.2	4.3	7.5	3.2	3.8	3.7	2.8	4.3	3.9		
AVG:	.78	.78	.79	.67	.61	.74	.79	1.14	1.10	1.25	1.20	1.15	1.22	1.11	1.06	1.01	1.17	1.14	.98	1.00	.85	.79	.78	.83		

MONTHLY OBSERVATIONS: 668 MONTHLY MEAN: .95 MONTHLY MAX: 8.3

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.

(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: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MARCH 2014

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	2.9	2.3	2.3	2.3	2.2	1.9	1.8	1.9	1.8	2.0	1.7	1.5	1.7	1.4	1.2	1.1	1.0	.9	.9	1.0	1.0	.9	.6	.6	24	2.9
2	.6	.4	.3	.2	.1	.0	.1	.2	.9	.8	.5	.9	.5	.7	.6	.6	.5	.4	.5	.6	.4	.8	1.0	.8	24	1.0
3	.7	.7	.7	.8	.7	.3	.3	.5	.0	.3	.1	.0	.2	.3	1.2	.7	.5	.2	.3	.7	1.9	1.7	1.0	1.3	24	1.9
4	.9	.8	.8	.7	.7	1.3	1.1	1.0	2.0	2.4	2.0	2.0	6.0	5.4	7.7	8.1	2.3	.7	.7	.8	.8	.6	.7	.6	24	8.1
5	.7	.7	.8	.8	.8	1.0	.8	.9	1.9	.9	1.0	1.3	BF	12.7	9.4	5.7	3.1	2.6	1.4	1.1	.9	.7	2.1	3.7	23	12.7
6	3.0	1.9	1.7	3.1	3.8	3.7	4.0	3.6	3.0	2.4	1.9	1.9	2.6	3.1	1.9	1.9	1.0	.9	.8	.8	1.0	.8	.3	.1	24	4.0
7	.2	.6	1.0	1.0	.7	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	24	1.0
8	.1	.1	.0	.0	.0	.0	.0	.0	.1	.3	.5	.4	.2	.1	.1	.1	.1	.3	.3	.4	.4	.3	.3	.2	24	.5
9	.2	.2	.2	.3	.4	.6	.4	.4	.6	.7	.8	.8	.5	.5	.4	.4	.3	.3	.4	.4	.5	.4	.5	.4	24	.8
10	.6	.5	.1	.1	.2	.3	.4	19.3	8.9	.9	.5	.2	.4	.4	.3	.8	.5	.7	.6	.9	1.1	.9	.3	.0	24	19.3
11	.0	.0	.0	.0	.0	.1	.5	1.4	.9	.1	.1	.2	.1	.1	.3	.2	.5	.5	.4	.3	.3	.3	.3	.3	24	1.4
12	.3	.3	.2	.2	.3	.7	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	24	.7
13	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.2	.2	.1	.1	.2	.1	.1	.1	.1	.2	.2	.2	.2	.1	24	.2
14	.1	.1	.1	.2	.2	.2	.4	.4	.3	1.2	1.5	.9	.4	.5	.2	.7	.7	1.3	.7	.3	.3	.2	.3	.4	24	1.5
15	.3	.3	.4	.6	.5	.5	.3	.5	.6	.4	.3	.3	.2	.3	.3	.4	.4	.4	.4	.5	.5	.5	.4	.3	24	.6
16	.3	.3	.3	.5	.6	1.3	.8	.5	.5	.5	.5	.3	.2	.5	.5	.4	.2	.3	.1	.1	.0	.1	.0	.0	24	1.3
17	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.3	.2	.1	.0	.0	.0	.3	.2	.0	.2	.2	24	.3
18	.2	.3	.3	.1	.3	.1	.4	.5	.2	.2	.5	.1	.2	.0	.4	1.9	2.5	2.1	1.2	1.1	.6	.1	.0	.0	24	2.5
19	.0	.0	.0	.0	.0	.0	.0	.0	BF	BF	.1	.0	.0	.3	1.0	.8	.6	.1	.2	.2	.1	.0	.0	.0	22	1.0
20	.0	.0	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.6	.5	.3	.3	.0	.1	.1	24	.6
21	.1	.1	.1	.2	.0	.0	.3	.7	.5	.2	.1	.1	.0	.0	.0	.0	.0	.0	.4	2.1	1.7	1.2	.9	.7	24	2.1
22	.4	.9	1.6	1.7	1.6	1.4	1.0	.7	1.2	1.0	.8	.6	.5	.5	.5	.5	.5	.4	.6	.7	.7	.7	.6	.5	24	1.7
23	.6	.5	.3	.3	1.5	4.0	3.3	.7	1.1	1.3	.9	.7	1.9	.4	.3	.2	.2	.5	.3	.0	.0	.5	.3	.3	24	4.0
24	.2	.1	.2	.5	.5	.3	.7	1.9	1.6	1.1	1.0	.7	.6	.4	.5	.3	.2	.1	.0	.1	.1	.1	.3	.3	24	1.9
25	.4	.4	.3	.3	.3	.4	1.1	.4	.3	.2	.1	.5	.5	.1	.0	.0	.0	.0	.2	.3	.5	.4	.3	.1	24	1.1
26	.0	.1	.3	.3	.2	.1	.0	.1	.2	.3	.3	.2	.2	.2	.3	.2	.2	.1	.1	.2	.2	.2	.1	.1	24	.3
27	.1	.1	.1	.1	.2	.3	.4	1.0	1.2	1.2	1.9	1.3	.8	.4	.4	.3	.4	.8	.9	.7	.8	.8	.8	2.8	24	2.8
28	2.0	.8	.4	.4	.2	.1	.6	.7	.7	.5	.4	.3	.2	.3	.1	.1	.4	.1	.1	.0	.0	.1	.0	.0	24	2.0
29	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	.0	.0	.0	-.1	.0	.0	.1	.1	.0	.0	-.1	-.1	.0	.0	24	.1
30	.0	.0	.1	.2	.2	.2	.1	.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.1	.2	.2	.1	24	.2
31	.1	.1	.1	.1	.0	.0	.0	.1	.2	.2	.2	.1	.1	.2	.2	.2	.1	.2	.1	.2	.4	1.1	.2	.2	24	1.1
NO.:	31	31	31	31	31	31	31	31	30	30	31	31	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:	3.0	2.3	2.3	3.1	3.8	4.0	4.0	19.3	8.9	2.4	2.0	2.0	6.0	12.7	9.4	8.1	3.1	2.6	1.4	2.1	1.9	1.7	2.1	3.7		
AVG:	.48	.41	.41	.48	.52	.61	.63	1.22	.96	.64	.58	.50	.60	.94	.92	.84	.54	.47	.39	.46	.48	.44	.39	.46		

MONTHLY OBSERVATIONS: 741 MONTHLY MEAN: .60 MONTHLY MAX: 19.3

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.

(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: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: APRIL 2014

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

DAY / HOUR	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	.4	.6	.3	.2	.3	.4	.5	.3	.4	.4	.3	.2	.3	.3	.6	.6	.4	.4	.4	.4	.2	.2	24	.6
2	.2	.4	.4	.3	.2	.8	15.0	7.7	.2	BF	.4	.4	.4	.4	.3	.3	.4	.8	.7	.7	.6	.4	.2	.1	23	15.0
3	.2	.2	.8	2.0	.6	.9	1.5	1.6	1.1	1.0	5.3	4.4	.6	.7	.4	.2	.4	.3	.2	.3	.3	.3	.2	.1	24	5.3
4	.1	.1	.1	.2	.1	.4	.2	.1	.1	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	-.1	.0	-.1	-.1	24	.4
5	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.6	1.0	2.8	3.9	24	3.9
6	3.6	2.6	12.0	1.8	.5	.5	.8	.9	.4	.4	.4	.8	1.7	2.0	1.5	.9	.3	.2	.3	.4	.4	.4	.5	.5	24	12.0
7	.2	.0	.0	.0	.0	-.1	.0	.0	-.1	.0	.0	.0	.0	.1	.8	.3	.2	.0	.1	.0	.0	-.1	.0	.0	24	.8
8	-.1	-.1	-.1	-.1	-.1	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	.1	.3	.2	24	.3
9	.2	.2	.2	.4	.6	.5	.5	.7	.9	1.0	.5	.6	.5	.6	.3	.0	.0	.0	-.1	.0	.0	.0	.0	.0	24	1.0
10	.0	.0	.0	.0	.0	.1	.3	1.7	5.9	1.3	.4	.1	.2	.2	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	24	5.9
11	.1	.1	.1	.3	.3	.2	.2	.5	.9	.9	.8	1.1	.7	.4	.4	.4	.2	.0	.0	.0	.1	.1	.1	.3	24	1.1
12	.2	.3	.2	.1	.0	.0	.0	.2	.4	1.0	2.9	1.1	1.1	.5	.4	.3	.3	.3	.3	.5	1.0	1.3	1.3	1.4	24	2.9
13	.9	.9	1.0	.7	.6	.5	1.1	1.0	.4	.3	.3	.2	.1	.1	.0	.1	.0	.0	.0	.2	.3	.0	.3	.4	24	1.1
14	.6	.4	.7	.1	.1	.2	.3	.5	.5	.6	.4	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	-.1	-.1	24	.7
15	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	BC	BC	BC	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	21	.1
16	.0	.1	.3	.4	.2	.2	.6	.3	.2	.3	1.1	3.5	2.9	1.0	.3	.3	.2	.2	.2	.2	.3	.5	.6	.6	24	3.5
17	.6	.5	.5	.3	.3	.4	1.1	3.2	3.2	.7	.5	.3	.3	.4	.3	.4	.5	1.1	1.6	1.3	1.1	1.0	.9	.7	24	3.2
18	.5	.3	.2	.2	.2	.3	.3	.3	.3	.3	.6	6.3	7.3	3.9	5.1	10.8	8.5	4.9	4.3	1.0	.4	.2	.1	.1	24	10.8
19	.1	.1	.1	.1	.1	.7	.3	.1	.1	1.5	2.9	2.0	5.6	2.9	.5	.3	.3	.3	.4	.5	.6	.7	.8	.7	24	5.6
20	.8	1.5	1.6	1.8	1.9	2.8	3.5	4.3	.4	.2	.2	.2	.4	.5	.7	.8	.5	.3	.2	.2	.3	.3	.4	.5	24	4.3
21	.6	.3	.4	.6	.6	1.0	1.1	4.5	.2	.4	4.2	8.1	5.3	2.1	.9	.5	.4	.3	.3	.4	.4	.4	.5	.4	24	8.1
22	.3	.3	.3	.3	.3	.3	7.5	11.8	11.4	4.6	2.3	.6	1.4	1.6	.7	2.5	2.3	5.5	.6	.3	.2	.1	.1	.0	24	11.8
23	.0	.0	.1	.2	.6	1.2	1.4	1.2	1.0	.8	.6	.5	.5	.5	.5	.4	.4	.3	.2	.2	.2	.2	.5	1.2	24	1.4
24	1.4	1.7	2.5	2.5	2.2	1.6	1.6	1.4	1.6	1.2	1.0	1.0	.9	.6	.6	.5	.6	.7	.6	.6	.6	.5	.4	.4	24	2.5
25	.4	.5	.5	.2	.2	.3	.3	.3	.2	.2	.1	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	24	.5
26	.1	.1	.2	.3	.3	.2	.2	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.4	.2	24	.4
27	.2	.2	.1	.1	.1	.1	.1	.2	.5	.7	3.1	1.7	.8	.5	.4	.3	.4	.4	.4	.6	.9	1.1	.5	.5	24	3.1
28	.6	2.6	2.2	1.0	.5	.4	.2	.2	.3	.2	.3	.3	1.9	.5	.5	5.8	4.2	.4	1.4	.5	.5	.4	.2	.1	24	5.8
29	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.4	.1	.0	.0	.0	.1	.1	24	.4
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.5	.2	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1	24	.5
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	29	30	29	29	29	30	30	30	30	30	30	30	30	30	30		
MAX:	3.6	2.6	12.0	2.5	2.2	2.8	15.0	11.8	11.4	4.6	5.3	8.1	7.3	3.9	5.1	10.8	8.5	5.5	4.3	1.3	1.1	1.3	2.8	3.9		
AVG:	.40	.45	.82	.48	.35	.46	1.28	1.44	1.03	.63	.97	1.18	1.17	.71	.51	.87	.71	.57	.41	.28	.31	.33	.38	.42		

MONTHLY OBSERVATIONS: 716 MONTHLY MEAN: .67 MONTHLY MAX: 15.0

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.

(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: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MAY 2014

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

DAY	HOUR 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	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.2	.2	.4	24	.4
2	.4	.3	.3	.2	.1	.1	.3	.2	.2	.1	.3	.4	.2	.2	.2	.2	.2	.2	.2	.8	1.4	1.4	.4	.4	24	1.4
3	.3	.2	.2	.2	.1	.1	.2	.2	.3	.3	.3	.2	.3	.3	.4	.2	.1	.1	.1	.1	.1	.1	.1	.1	24	.4
4	.2	.2	.2	.2	.2	.1	.2	.2	.5	.8	.8	.6	.5	.4	.3	.4	.4	.4	.3	.3	.3	.3	.3	.3	24	.8
5	.2	.2	.2	.1	.4	.8	.7	.7	.9	.9	.8	.7	.6	.5	.5	.5	.4	.4	.4	.4	.3	.4	.6	.7	24	.9
6	1.3	1.3	1.0	.4	.1	.1	.1	1.0	1.0	.8	.6	.5	.5	.6	.4	.4	.4	.6	.4	.9	1.3	.7	1.1	2.1	24	2.1
7	1.8	1.0	.9	.7	.4	.4	.2	.1	.1	.4	.6	.1	.7	2.5	3.1	1.5	.4	.3	.3	.2	.2	.1	.1	.0	24	3.1
8	.0	.0	.0	.0	.0	.0	.1	.1	BF	.3	.2	.3	.3	.3	.2	.2	.1	.2	.5	.3	.2	.2	.2	.7	23	.7
9	.8	.4	.3	.2	.3	.3	.3	1.0	1.7	.9	.5	.4	.3	.3	.2	.2	.2	.1	.1	.0	.0	.1	.1	.1	24	1.7
10	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.2	.3	.2	.0	.1	.0	.0	.0	.1	.0	.0	.0	24	.3
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	1.5	1.7	1.1	.6	.2	.2	.1	.2	.1	.1	.1	.1	24	1.7
12	.1	.0	.1	.1	.0	.0	.5	2.8	6.8	.6	.4	.2	.2	.3	.3	.1	.4	.9	.6	.6	.5	.6	.4	.2	24	6.8
13	.5	.5	.2	.2	.1	.1	.7	2.3	.5	.5	.3	.1	.1	.2	.1	.2	.3	.1	.1	.9	.8	1.0	1.2	1.7	24	2.3
14	.7	.5	.5	.7	.7	.5	.5	.7	.6	.7	.4	.3	.2	.1	.1	.0	.1	.2	.1	.2	.2	.1	.1	.0	24	.7
15	.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
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.1	.0	24	.1
17	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.4	.3	24	.4
18	.2	.2	.1	.1	.1	.2	.5	.7	.5	.4	.3	1.5	1.5	1.2	.8	.7	.4	.3	.2	.4	.3	.2	.1	.1	24	1.5
19	.1	.0	.0	.0	.0	.0	.1	.4	.7	.8	.3	.3	.2	.3	.3	.2	.1	.2	.1	.2	.1	.1	.1	.3	24	.8
20	.3	.2	.2	.1	.1	.1	.3	.6	.8	1.0	.3	.4	.5	.7	.4	.3	.2	.2	.1	.2	.2	.2	.4	.2	24	1.0
21	.1	.1	.1	.0	.0	.4	.3	5.0	2.9	.4	BF	.8	.5	.6	.4	.6	.4	.6	.5	.6	.5	.3	.1	.1	23	5.0
22	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	24	.1
23	.1	.1	.1	.0	.0	.1	.2	.2	.4	.3	.3	.3	.3	.3	.4	.3	.2	.2	.2	.2	.2	.2	.1	.2	24	.4
24	.6	.8	.7	.8	.7	.5	.8	1.1	1.0	.7	.5	.3	.3	.2	.2	.2	.2	.2	.2	.3	.3	.3	.4	.3	24	1.1
25	.2	.2	.1	.1	.1	.1	.2	.2	.2	.3	.3	.3	.4	.4	.3	.3	.2	.2	.3	.4	.4	.7	.5	.4	24	.7
26	.2	.1	.2	.1	.1	.1	.3	.4	.2	.2	.1	.2	.1	.1	.1	.2	.1	.2	.1	.1	.1	.1	.2	.2	24	.4
27	.1	.1	.0	.0	.0	.0	.2	1.9	.5	.9	.2	.1	.1	.1	.1	.1	.2	1.8	.1	.1	.1	.0	.1	.0	24	1.9
28	.0	.0	.0	.0	.0	.0	.0	.2	.2	.9	.1	.1	.1	.3	.2	.1	.1	.1	.1	.1	.1	.1	.0	.0	24	.9
29	.0	.0	.0	.0	.0	.0	.2	.3	.4	.3	.2	.1	.1	.2	.3	.3	.2	.1	.1	.0	.0	.0	.0	.0	24	.4
30	.0	.0	.0	.0	.0	.1	.2	.2	.1	.1	.5	1.6	.1	.2	.1	.1	.1	.1	.5	.8	.3	.0	.1	.0	24	1.6
31	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.0	.7	.1	.3	.2	.2	.3	.3	.3	.4	.3	.3	.7	.6	.2	24	1.0
NO.:	31	31	31	31	31	31	31	31	30	31	30	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	1.8	1.3	1.0	.8	.7	.8	.8	5.0	6.8	1.0	.8	1.6	1.5	2.5	3.1	1.5	.4	1.8	.6	.9	1.4	1.4	1.2	2.1		
AVG:	.27	.22	.18	.14	.12	.14	.24	.68	.71	.45	.32	.35	.34	.42	.36	.28	.21	.27	.21	.29	.28	.27	.26	.30		

MONTHLY OBSERVATIONS: 742 MONTHLY MEAN: .30 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.

(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: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JUNE 2014

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	.1	.1	.1	.0	.0	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	24	.2
2	.0	.0	.0	.1	.2	.1	.2	.3	.3	.4	.4	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	24	.4
3	.1	.1	.1	.0	.0	.0	.1	.2	3.1	4.5	1.0	.4	.3	.2	.2	.1	.1	.1	.0	.1	.1	.1	.1	.0	24	4.5
4	.0	.0	.0	.0	.1	.0	.1	.1	.1	BF	.1	.1	.2	.1	.1	.1	.2	.1	.3	.5	.4	.3	.4	.3	23	.5
5	.2	.2	.3	.2	.2	.1	.2	.4	.7	1.4	.1	.1	.1	.1	.2	.1	.0	.1	.0	.0	.0	.0	.3	.4	24	1.4
6	.3	.3	.3	.2	.1	.2	.4	.5	2.4	5.5	4.8	3.2	2.0	2.4	1.5	1.0	1.9	1.8	.5	.2	.2	.2	.2	.2	24	5.5
7	.2	.1	.1	.0	.0	.0	.2	.1	.1	.1	.2	.1	.1	.1	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	24	.2
8	.2	.4	.2	.3	.2	.2	.5	.6	.2	.1	.3	.6	.4	.4	.2	.1	.1	.0	.0	.0	.0	.1	.2	.3	24	.6
9	.1	.2	.1	.0	.0	.0	.0	.0	.1	1.0	5.7	1.3	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	24	5.7
10	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	AZ	AZ	AZ	AZ	AZ	.6	.3	.1	.4	.2	.1	.1	.1	.0	19	.6
11	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.2	.3	.3	.6	.6	.3	.2	.1	.1	.0	.0	.0	.1	.0	24	.6
12	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	24	.2
13	.0	.0	.0	.0	.0	.0	.5	.5	1.3	.1	.2	.1	.1	.1	.1	.2	.4	.4	.1	.3	.2	.3	.1	.1	24	1.3
14	.1	.0	.0	.0	.1	.1	.5	1.0	.9	.6	.6	.4	.4	.3	.3	.3	.4	.5	.5	.6	1.1	.6	.3	.4	24	1.1
15	.6	.4	.4	.4	.6	.8	2.1	2.5	2.8	6.4	6.2	8.0	6.5	3.4	1.5	.9	.5	.5	.5	.5	.4	.2	.2	.1	24	8.0
16	.1	.1	.1	.0	.0	.0	.2	.9	2.0	1.2	.4	.2	.2	.2	.2	.1	.1	.1	.1	.3	.4	.2	.1	.1	24	2.0
17	.1	.2	.2	.2	.2	.9	2.3	4.8	.9	.8	.2	.6	.3	.2	.1	.1	.1	.1	.2	.1	.2	.2	.4	.1	24	4.8
18	.1	.1	.1	.1	.1	.1	2.3	1.2	.7	.4	BF	.4	.3	.3	.3	.2	.2	.4	.6	.2	.1	.1	.2	.3	23	2.3
19	.6	.5	.4	.2	.1	.2	2.2	1.2	2.5	2.1	.8	.3	.3	.2	.2	.1	.1	.2	.1	.0	.0	.0	.0	.0	24	2.5
20	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.1	1.1	.3	.2	.1	.1	.1	.1	.1	1.8	3.0	2.4	1.6	24	3.0
21	1.2	.5	.3	.2	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	24	1.2
22	.0	.0	.1	.1	.5	.2	1.6	.8	3.3	2.6	1.3	.9	.3	.1	.1	.2	.2	.1	.1	.1	.1	.1	.6	.3	24	3.3
23	.1	.1	.1	.1	.0	.0	.1	.1	.1	.2	.1	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0	.1	.1	.1	24	.2
24	.1	.1	.0	.1	.1	.0	.1	.1	.1	.0	.0	.0	.0	.0	.2	.1	.1	.1	.1	.0	.1	.4	.2	.3	24	.4
25	.2	.1	.2	.1	.1	.1	.1	.1	.2	.5	.3	.2	.5	.4	.3	.1	.1	.1	.1	.0	.0	.0	.1	.0	24	.5
26	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.7	.4	24	.7
27	.5	.6	.7	.8	.3	.3	.5	.5	7.8	12.4	5.6	7.9	3.2	.3	.1	.2	.2	.1	.1	.1	.1	.1	.1	.0	24	12.4
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.4	.4	.0	.1	.1	.1	.1	.1	.1	.1	.0	24	1.4
29	.0	.0	.0	.1	.0	.1	.2	.1	.1	.1	.1	.1	.1	.5	1.0	.6	.5	.7	.9	.7	.5	.6	.4	.3	24	1.0
30	.2	.1	.1	.1	.1	.1	.2	.2	.4	.4	.3	.2	.2	.2	.1	.1	.2	.2	.2	.2	.2	.4	.4	.3	24	.4
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	29	28	29	29	29	29	30	30	30	30	30	30	30	30	30		
MAX:	1.2	.6	.7	.8	.6	.9	2.3	4.8	7.8	12.4	6.2	8.0	6.5	3.4	1.5	1.0	1.9	1.8	.9	.7	1.8	3.0	2.4	1.6		
AVG:	.17	.14	.13	.11	.10	.12	.49	.55	1.04	1.46	1.06	.90	.61	.43	.30	.21	.23	.22	.19	.16	.22	.25	.27	.19		

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: .39 MONTHLY MAX: 12.4

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.

(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: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JULY 2014

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

DAY	HOUR 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	.2	.2	.1	.1	.1	.1	.2	.2	.3	.1	.1	.1	.2	.1	.1	.1	.2	.4	.1	.2	.1	.2	.1	24	.4
2	.1	.1	.1	.1	.1	.1	.3	.4	.3	.3	.1	BF	.2	.1	.2	.2	.2	.3	.2	.1	.1	.3	.6	1.4	23	1.4
3	1.0	.9	1.0	.6	.6	.7	.7	1.0	.5	.2	.2	.1	.1	.2	.1	.0	.0	.1	.1	.1	.0	.0	.1	.1	24	1.0
4	.1	.0	.0	.1	.2	.3	.4	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.3	.5	.6	1.6	1.8	.8	.6	24	1.8
5	.4	.2	.2	.1	.1	.1	.3	.6	.5	.5	.5	.4	.3	.3	.3	.3	.4	.3	.3	.3	.4	.3	.2	.2	24	.6
6	.2	.1	.1	.1	.0	.1	.3	.5	.8	1.1	.6	.3	.2	.2	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	24	1.1
7	.1	.1	.1	.1	.0	.1	.2	.2	.2	.1	.1	.1	.1	.1	.1	.2	.2	.1	.2	.1	.4	.3	.3	.3	24	.4
8	.6	.7	.6	.5	.3	.3	.4	.4	.3	.3	.2	.2	.2	.1	.4	.6	.4	.2	.2	.1	.1	.1	.1	.0	24	.7
9	.0	.0	.0	.0	.0	.0	.1	.2	.4	.5	.5	.6	.6	.6	.5	.3	.7	.5	.1	.1	.1	.1	.1	.6	24	.7
10	1.1	.9	.3	.1	.1	.1	.3	1.4	.1	.1	.1	.1	.0	.1	.3	.3	.4	.5	.9	1.0	.2	.1	.1	.0	24	1.4
11	.0	.0	.0	.0	.0	.0	.0	.4	.2	.1	.0	.0	.0	.1	.0	.1	.1	.1	.1	.1	.2	.1	.1	.1	24	.4
12	.1	.0	.1	.0	.0	.0	.1	.2	.1	.1	.1	.2	.2	.2	.1	.1	.1	.2	.1	.1	.1	.1	.7	.5	24	.7
13	.3	.3	.5	.3	.2	.2	.4	.5	.4	.2	.3	.2	.2	.4	.3	.2	.1	.2	.3	.1	.2	.3	.3	.2	24	.5
14	.3	.3	.2	.3	.4	.4	.4	.4	.8	.7	.4	.3	.1	.2	.4	.8	.8	.3	.9	.4	.3	.3	.5	.3	24	.9
15	.4	.3	.2	.2	.1	.1	.2	.5	1.0	.2	.5	.1	.1	.0	.1	.3	.1	.1	.1	.1	.0	.0	.1	.0	24	1.0
16	.0	.0	.0	.0	.0	.0	.1	.1	.5	BC	BC	.4	.3	.2	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	22	.5
17	.0	.0	.0	.0	.0	-.1	.0	.6	.3	.4	2.3	2.2	1.4	2.1	1.5	.7	.2	.2	.3	.2	.1	.0	.0	.0	24	2.3
18	.0	-.1	-.1	.0	.1	.1	.2	.3	.1	.0	.6	.8	.5	.4	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	.0	24	.8
19	.1	.0	-.1	-.1	.0	.0	-.1	-.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.2	-.2	-.1	-.2	24	.1
20	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	24	-.1
21	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	5.6	5.3	.2	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.1	-.2	24	5.6
22	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.2	24	-.1
23	-.2	-.1	-.2	-.1	-.1	-.1	.0	.0	.3	.4	.2	.0	.0	.0	.0	.0	.0	.0	.1	-.1	-.1	-.1	-.1	-.2	24	.4
24	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	13.5	9.9	6.1	.2	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.2	24	13.5
25	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	24	-.1
26	-.2	-.1	-.1	-.1	-.1	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.1	.2	.0	.0	.0	.0	24	.2
27	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	.1	.3	.0	.0	-.1	.0	.1	.0	.2	.4	.2	.2	-.1	-.1	24	.4
28	-.1	-.2	-.2	-.2	-.2	.0	.1	.2	.9	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	24	.9
29	-.1	-.1	-.1	-.2	-.1	-.1	-.1	.0	.0	.3	.8	.4	.3	.3	.0	.0	.0	-.1	.0	-.1	.0	-.1	.0	.1	24	.8
30	.3	.4	.1	.0	-.1	-.1	-.1	3.5	7.8	2.2	BF	3.2	1.1	.1	.4	.9	.5	.1	.0	.0	.0	.0	-.1	-.1	23	7.8
31	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	-.1	-.1	.0	-.1	-.1	-.2	24	0.0
NO.:	31	31	31	31	31	31	31	31	31	30	29	30	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	1.1	.9	1.0	.6	.6	.7	.7	3.5	7.8	13.5	9.9	6.1	1.4	2.1	1.5	.9	.8	.5	.9	1.0	1.6	1.8	.8	1.4		
AVG:	.12	.09	.05	.02	.01	.03	.09	.34	.48	.89	.78	.52	.18	.17	.14	.15	.13	.10	.14	.10	.10	.09	.10	.09		

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: .20 MONTHLY MAX: 13.5

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.

(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: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: AUGUST 2014

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	-.2	-.2	-.2	-.2	-.2	.0	-.1	-.2	.1	.4	.0	.3	AZ	AZ	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	22	.4
2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.2	-.2	-.2	-.2	-.1	.3	.9	.7	.7	.6	.6	-.1	-.1	-.2	-.2	-.2	-.2	24	.9
3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.1	-.1	-.1	-.1	-.2	24	.1
4	-.1	-.1	-.2	-.2	-.2	-.2	-.2	.0	.1	.2	4.8	5.3	1.5	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	24	5.3
5	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.5	1.7	.7	.8	2.9	2.2	1.5	1.3	.8	.3	.0	-.1	-.1	-.1	-.1	-.2	24	2.9
6	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.1	.8	1.6	1.1	.5	.3	.0	.1	.1	.0	.7	.0	.0	-.1	-.1	-.1	-.1	24	1.6
7	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.1	.4	.4	.6	.5	.5	.3	.5	1.2	1.3	.2	.0	.0	-.1	-.1	-.1	-.1	24	1.3
8	-.1	.0	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	24	0.0
9	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	-.2
10	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	-.2
11	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	-.1
12	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	BF	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.2	22	-.1
13	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.0	.0	-.1	-.1	-.1	-.2	-.1	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.2	24	0.0
14	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.0	.1	.2	.2	.3	.0	.2	.0	.0	.0	.0	.3	.2	.0	.0	.0	24	.3
15	-.1	-.1	-.2	-.2	-.2	-.1	-.1	.0	.0	.1	.3	.2	.0	.0	.0	.0	-.1	.0	.1	.0	-.1	-.1	-.1	-.2	24	.3
16	-.2	-.2	-.2	-.2	-.2	-.1	.0	.5	.5	.2	5.2	6.6	2.7	1.4	.5	.2	.0	.0	.0	.0	.0	.0	.5	.5	24	6.6
17	.2	.0	.0	.0	.0	.1	.1	.2	.6	1.2	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	24	1.2
18	-.1	-.1	.0	.0	.0	.0	-.1	-.1	-.1	.0	.0	.0	.2	.1	.0	.0	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	24	.2
19	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.2	-.1	-.1	-.2	-.2	-.1	-.1	5.8	6.1	.3	.3	.5	.0	-.1	-.2	24	6.1
20	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.0	1.9	2.2	2.1	1.2	.7	.2	-.1	.0	.0	-.1	.0	.2	1.0	.5	.0	.0	24	2.2
21	-.1	-.1	-.1	-.2	-.2	-.2	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.2	24	0.0
22	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	24	-.1
23	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.2	-.1	-.1	.0	.1	.0	-.1	-.1	-.1	1.2	.4	-.1	.0	1.0	1.4	.3	.0	24	1.4
24	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.1	-.1	-.1	-.2	-.2	.4	1.0	.0	.2	.0	-.1	-.1	-.1	24	1.0
25	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.1	7.8	4.2	1.1	.3	2.6	2.9	1.2	.2	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.2	24	7.8
26	-.1	-.1	-.1	-.2	-.2	-.2	-.2	.4	.0	-.1	.1	.5	BF	2.9	1.0	1.2	.5	-.1	-.1	-.1	-.1	-.1	-.1	-.2	23	2.9
27	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.1	3.3	.8	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	24	3.3
28	-.1	-.1	-.1	-.2	-.2	-.1	-.1	.0	.1	.4	.7	.6	.5	.6	.3	.0	.1	-.1	-.1	-.1	.0	.0	-.1	-.1	24	.7
29	-.1	-.1	.6	1.1	1.0	.1	.4	.3	.1	.1	.2	.1	.1	.0	.0	.0	.2	.2	.0	.0	-.1	-.1	-.1	-.1	24	1.1
30	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.1	-.1	.0	.0	.0	.1	.0	.0	.0	.0	.2	.0	-.1	-.1	.0	-.1	-.1	24	.2
31	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.1	.1	.0	.0	.0	-.1	.0	.0	.0	.0	-.1	-.1	24	.2
NO.:	31	31	31	31	31	31	31	31	31	31	30	30	30	31	30	30	31	31	31	31	31	31	31	31		
MAX:	.2	0.0	.6	1.1	1.0	.1	.4	.5	7.8	4.2	5.2	6.6	2.9	2.9	1.5	1.3	5.8	6.1	.3	.3	1.0	1.4	.5	.5		
AVG:	-.14	-.15	-.14	-.14	-.14	-.15	-.13	-.01	.45	.35	.54	.54	.38	.33	.14	.11	.30	.24	-.06	-.04	0.00	-.04	-.08	-.13		

MONTHLY OBSERVATIONS: 739 MONTHLY MEAN: .08 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.

(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: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: SEPTEMBER 2014

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	-.1	-.1	-.1	-.1	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	24	0.0
2	-.1	-.1	-.1	-.1	-.2	-.1	-.1	.4	.6	1.4	1.5	.1	.0	.0	.0	.0	-.1	.0	-.1	-.1	.0	-.1	.0	.0	24	1.5
3	-.1	-.2	-.2	-.2	-.2	.0	.0	-.1	-.1	-.1	-.1	.0	4.2	5.7	4.8	2.9	.6	.0	.0	-.1	-.1	-.1	-.1	-.2	24	5.7
4	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.0	.1	.1	.2	.0	.0	-.1	.0	.0	.0	-.1	-.2	-.2	-.2	-.2	-.1	-.2	24	.2
5	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	.1	.5	.1	.0	.0	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	24	.5
6	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.0	.1	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.1	-.2	24	.1
7	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	5.6	1.5	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.3	.7	.1	24	5.6
8	.5	.1	-.1	-.1	-.1	.0	.3	.3	.8	.6	.0	.0	.3	.9	1.2	.6	.0	-.1	-.1	.0	.1	.2	.2	.1	24	1.2
9	.0	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.0	3.4	.6	.6	-.1	.2	3.1	1.6	1.1	1.3	.9	.0	-.1	-.1	-.2	24	3.4
10	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	.0	.0	.1	.0	.0	-.1	-.1	24	.1
11	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.1	.0	.1	.0	.0	.0	-.1	-.1	-.1	-.1	.1	.0	.0	-.1	-.1	-.1	-.2	24	.1
12	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.5	.3	.4	.4	.4	.2	.3	.3	.1	.1	.4	.7	.2	.0	.7	1.3	1.1	24	1.3
13	1.0	.6	.4	.0	-.1	-.1	-.2	-.2	-.2	-.2	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	24	1.0
14	.0	.0	.0	.0	-.1	-.1	-.1	-.1	.0	.2	.6	.2	.1	.0	.0	.2	.0	.5	1.8	.3	.0	-.1	-.1	-.1	24	1.8
15	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	-.1	-.1	-.1	.1	.0	.0	.0	-.1	-.1	-.2	-.2	-.2	-.1	-.2	24	.1
16	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.0	-.2	-.2	BF	BF	-.1	.0	.0	.0	.0	.3	.0	-.1	-.1	-.1	-.1	-.2	22	.3
17	-.2	-.2	-.2	-.1	-.1	.0	.4	.7	.2	.2	.3	.2	.2	.2	.1	.1	1.5	2.6	1.8	.2	.0	-.1	-.1	-.1	24	2.6
18	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.0	.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	24	.1
19	-.2	-.2	-.1	-.2	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	1.0	1.1	.3	.1	.0	.0	.0	.0	.0	-.1	24	1.1
20	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.1	.0	.1	.5	1.4	1.9	.2	-.1	.0	1.3	1.9	1.8	.2	.0	.0	-.1	-.1	24	1.9
21	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	24	0.0
22	-.2	-.2	-.2	-.1	-.1	-.2	-.1	.0	.0	.0	-.1	-.1	.0	-.1	-.1	-.1	-.1	.0	.3	.1	.1	.0	.0	.0	24	.3
23	.1	.2	.4	.3	.0	.0	.1	.2	.4	.6	.8	1.1	1.0	.6	.6	.4	.4	.2	.3	.2	.2	.2	.6	.7	24	1.1
24	.4	.3	.6	.7	.2	.5	.6	.4	.3	.5	2.1	1.4	.6	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	24	2.1
25	-.1	-.1	-.1	.0	-.1	-.1	.0	.1	.1	.4	.3	.5	1.0	1.8	1.5	2.3	1.8	1.7	.0	-.1	-.1	-.1	-.1	-.2	24	2.3
26	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.0	.1	.9	.9	.9	.3	-.1	-.2	1.0	1.2	.0	-.1	-.2	-.2	-.1	-.2	24	1.2
27	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.8	.9	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	24	.9
28	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.0	.2	2.3	.2	.1	.0	.0	.1	.4	.2	.0	.0	.1	.0	.0	24	2.3
29	.2	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	.0	-.1	-.2	.0	.0	-.1	-.2	-.2	-.2	-.1	-.2	24	.2
30	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	BF	.1	.0	.1	2.0	2.6	1.1	.4	.0	.0	-.1	-.1	-.1	-.2	23	2.6
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	28	29	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	1.0	.6	.6	.7	.2	.5	.6	.7	5.6	1.5	3.4	2.3	4.2	5.7	4.8	3.1	1.8	2.6	1.8	.9	.2	.7	1.3	1.1		
AVG:	-.05	-.10	-.10	-.11	-.15	-.13	-.08	0.00	.25	.21	.40	.30	.35	.31	.35	.40	.28	.33	.22	.01	-.06	-.03	.03	-.05		

MONTHLY OBSERVATIONS: 717 MONTHLY MEAN: .11 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.

(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: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: OCTOBER 2014

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	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	.0	.0	.0	.0	.0	-.1	-.2	-.2	-.2	-.2	24	0.0
2	-.2	-.1	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	24	.1
3	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.1	-.2	24	0.0
4	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.2	-.1	-.1	-.2	-.2	-.2	-.1	-.1	-.1	.0	.0	.0	-.1	24	0.0
5	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	.0	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	24	.3
6	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.1	.2	.0	.0	.1	.2	.2	.3	.2	.2	.2	.5	.9	.9	.7	.8	.3	24	.9
7	.0	.1	.2	.2	.2	.2	.3	.4	.2	.1	.4	.6	.1	.0	.0	.0	.0	.1	.1	.3	.2	.1	.1	.0	24	.6
8	.0	.0	.0	.0	.0	-.1	.0	.0	.0	2.2	.2	.4	.2	.2	.0	.0	-.1	.0	.0	.0	.0	.1	.2	.0	24	2.2
9	.0	.0	-.1	-.1	-.1	-.1	.0	.0	.0	.9	1.6	.5	.2	.3	.4	.2	.2	.2	.2	.1	.0	.0	.0	.0	24	1.6
10	-.1	-.1	.0	.0	-.1	.0	.0	.1	.2	.3	.3	.1	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.2	-.1	-.2	24	.3
11	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.0	.0	-.1	-.1	-.2	-.2	-.2	.2	7.3	.9	.0	.0	.0	-.1	24	7.3
12	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	24	-.1
13	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	BC	BC	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.2	.1	.0	.0	.0	.0	.1	.0	.0	.0	24	.2
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.3
17	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.2	.6	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	24	.6
18	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.3
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	24	0.0
20	.0	.0	.0	.0	.0	.0	.1	.1	.4	.6	.3	.1	.1	.1	.1	.3	.2	.1	.1	.1	.1	.1	.1	.1	24	.6
21	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.2
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.5	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.5
23	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.1
24	.0	.0	.0	.0	.0	.0	.0	.1	.3	.2	.1	.1	.1	.1	.0	.0	.1	.1	.2	.1	.1	.1	.1	.0	24	.3
25	.1	.1	.1	.1	.0	.0	.0	.2	.9	1.2	1.3	1.3	.9	.4	.2	.1	.1	.1	.2	.6	.6	.4	.3	.2	24	1.3
26	.1	.1	.1	.1	.1	.1	.1	.1	.4	.6	.6	.5	.4	.3	.3	.3	.3	.4	.4	.3	.2	.1	.2	.2	24	.6
27	.1	.2	.1	.1	.2	.2	.3	.6	4.0	1.3	.9	.8	.6	.5	.4	.6	.4	.4	.4	.4	.3	.4	.4	.6	24	4.0
28	1.8	1.2	.4	.2	.1	.1	.1	.4	1.3	1.6	BF	5.0	2.0	.6	.5	.6	.3	.2	.2	.2	.2	.2	.2	.1	23	5.0
29	.1	.1	.1	.1	.1	.0	.0	.1	.8	1.8	.7	.7	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	24	1.8
30	.1	.1	.2	.0	.0	.0	.0	.3	.7	1.0	1.0	.9	.7	.6	.6	.5	.6	2.0	2.2	1.2	.8	.6	.4	.5	24	2.2
31	.3	.4	.4	.6	.6	.5	.8	1.4	1.7	1.3	1.7	1.6	1.3	1.0	1.2	1.2	1.1	.8	.7	.4	.1	.0	.0	.0	24	1.7
NO.:	31	31	31	31	31	31	31	31	31	31	29	30	31	31	30	31	31	31	31	31	31	31	31	31		
MAX:	1.8	1.2	.4	.6	.6	.5	.8	1.4	4.0	2.2	1.7	5.0	2.0	1.0	1.2	1.2	1.1	2.0	7.3	1.2	.9	.7	.8	.6		
AVG:	.04	.03	0.00	-.01	-.01	-.02	0.00	.09	.34	.43	.33	.43	.24	.17	.13	.11	.09	.14	.38	.15	.09	.06	.08	.03		

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: .14 MONTHLY MAX: 7.3

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.

(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: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: NOVEMBER 2014

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	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.5	.5	.6	.3	.3	.2	.1	.1	.2	.2	24	.6
2	.3	.2	.2	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.3	.3	.3	.4	.5	.5	.5	.4	.3	.3	.2	24	.5
3	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.7	.7	.4	.5	.3	2.8	3.0	1.3	.8	.5	.5	.5	.6	.6	24	3.0
4	.4	.4	.4	.3	.3	.2	.3	.4	.5	.4	.3	.3	BA	1.7	.3	.2	.2	.4	.4	.4	.9	.9	.7	.6	23	1.7
5	.5	.5	.4	.4	.4	.4	.4	.5	1.1	1.0	.9	1.0	.6	.8	1.2	.9	1.0	.7	1.1	1.2	1.1	.5	.3	.3	24	1.2
6	.2	.3	.2	.2	.1	.1	.1	.1	.2	.2	.2	.1	.1	.2	.0	.3	.6	.9	.0	.0	.0	.0	.0	.0	24	.9
7	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	24	.2
8	.0	.0	.0	.0	.0	.0	.0	.1	2.4	.7	.4	.4	.3	.3	.3	.4	.4	.4	.4	.4	.4	.3	.3	.3	24	2.4
9	.3	.2	.1	.1	.1	.0	.1	.1	.1	.4	.4	.6	.6	.5	.5	.5	.4	.4	.4	.3	.2	.2	.1	.1	24	.6
10	.0	.0	.0	.0	.0	.0	.1	.2	.5	1.2	1.3	1.3	1.0	.5	AZ	AZ	AZ	.5	.4	.4	.3	.3	.2	.1	21	1.3
11	.1	.1	.0	.0	.0	.0	.3	.3	.5	.4	BF	BF	1.7	1.6	1.1	.9	.7	.6	1.5	.6	.2	.2	.3	.4	22	1.7
12	.2	.1	.1	.0	.0	.0	.0	.1	.3	.3	.3	.2	.0	.0	.0	.0	.0	.1	.2	.0	.4	.8	.8	.7	24	.8
13	4.9	.8	.5	.6	1.5	.7	.3	.3	.4	.6	.6	.6	1.8	4.0	3.0	2.1	1.9	1.1	.8	.1	.3	.1	.2	.2	24	4.9
14	.1	.0	.0	.2	.2	.3	.4	.6	.4	.2	.1	.1	.2	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	24	.6
15	.2	.2	.3	.3	.3	.2	.2	.3	.9	1.2	1.5	1.4	1.2	1.1	.9	.8	.8	.7	.7	.6	.6	.6	.5	.5	24	1.5
16	.5	.4	.8	.6	.7	.8	1.2	1.2	1.1	1.0	.7	1.3	1.3	1.0	.8	.7	.7	.7	.6	.4	.4	.4	.4	.5	24	1.3
17	.5	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.3	.2	.2	.2	.3	.1	.1	.1	.1	.1	.0	.0	24	.5
18	.0	.0	.1	.1	.1	.4	.6	.4	.3	.3	.2	.3	.3	.4	.5	.4	.4	.5	.5	.6	.6	.5	.2	.1	24	.6
19	.1	.1	.0	.0	.0	.1	.1	.6	3.2	.5	.3	.2	.3	1.5	1.4	.4	.4	.5	.6	.5	.5	.6	.7	.7	24	3.2
20	.6	.6	.6	.7	1.9	1.9	1.5	3.7	3.9	2.6	1.9	.9	1.1	1.0	.9	1.4	.3	.3	.3	.3	.3	.4	.5	.5	24	3.9
21	.4	.4	.6	1.2	1.2	.8	.6	.6	.6	1.0	1.1	1.1	.9	.9	.8	.7	.7	.6	.7	.6	.6	.6	.7	.7	24	1.2
22	.8	.7	.6	.5	.4	.4	.3	.4	.8	1.1	1.0	.9	.8	.7	.7	.7	.8	1.2	1.3	1.0	.8	.7	.6	.6	24	1.3
23	.6	.6	1.0	.9	.7	.7	.6	.8	.8	.8	.8	.8	.6	.5	.4	.2	.1	.1	.0	.0	.0	.0	.1	.0	24	1.0
24	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.0	24	.1
25	.0	.0	.0	.0	.0	.1	.5	.3	.2	.2	.4	.3	.2	.3	BF	.2	.2	.2	.8	.5	.3	.3	.3	.2	23	.8
26	.0	.0	.0	.0	.0	.2	.6	.1	.7	.9	.3	.2	.1	.1	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0	24	.9
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.2	.3	.4	.4	.2	.2	.2	.3	.5	.3	24	.5
28	.2	.2	.2	.2	.1	.1	.2	.2	.3	.3	.2	.2	.2	.2	.1	.2	.2	.3	.3	.3	.2	.3	.3	.2	24	.3
29	.1	.1	.2	.3	.4	.3	.2	.2	.4	.6	1.0	.7	.5	.4	.4	.3	.3	.3	.6	.6	.9	1.0	1.3	.9	24	1.3
30	.7	.6	.5	.4	.2	.2	.1	.1	.7	.5	.5	.4	.3	.3	.2	.2	.2	.4	.3	.2	.2	.2	.1	.0	24	.7
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	29	29	29	30	28	29	29	30	30	30	30	30	30	30		
MAX:	4.9	.8	1.0	1.2	1.9	1.9	1.5	3.7	3.9	2.6	1.9	1.4	1.8	4.0	3.0	2.8	3.0	1.3	1.5	1.2	1.1	1.0	1.3	.9		
AVG:	.39	.23	.24	.24	.29	.27	.30	.40	.69	.57	.54	.52	.54	.67	.54	.55	.52	.46	.47	.36	.36	.35	.35	.30		

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: .42 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.

(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: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: DECEMBER 2014

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	.1	.1	.1	.1	.4	.5	2.1	1.0	1.5	.2	.1	.2	.3	.3	.4	.4	.3	.2	.2	.1	24	2.1
2	.1	.1	.1	.1	.2	.4	.1	.1	.8	.2	.2	.3	.2	.2	.6	.9	.3	.1	.1	.0	.0	.0	.1	.0	24	.9
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.4	.3	.5	2.0	1.3	1.8	1.0	.5	.4	.4	.3	.1	24	2.0
4	.0	.1	.2	.4	.4	.2	.2	.2	.1	.4	.4	.4	.7	.8	.7	.5	.4	1.1	2.6	2.1	1.5	1.4	2.3	2.5	24	2.6
5	1.7	.6	.6	.6	.7	.6	.5	.5	.5	.5	.4	.4	.3	.3	.3	.3	.2	.2	.2	.2	.2	.1	.1	.1	24	1.7
6	.2	.2	.2	.2	.2	.3	.3	.1	.1	.2	.2	.1	.2	.2	.1	.1	.1	.1	.0	.0	.0	.1	.1	.2	24	.3
7	.3	.2	.2	.1	.0	.0	.1	.4	.5	.4	.6	.6	.7	.7	.7	.4	.3	.3	.2	.1	.1	.2	.2	.2	24	.7
8	.2	.3	.4	.4	.4	.4	.4	.3	.3	.2	.3	.2	.3	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	24	.4
9	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	BF	.1	.2	.1	.2	.3	.3	.4	.4	.4	.4	.4	.3	.2	23	.4
10	.3	.4	.3	.2	.1	.1	.1	.1	.2	.3	.7	.7	.5	.1	.1	.2	.4	.4	.7	1.1	.8	.7	.4	.4	24	1.1
11	.4	.3	.2	.1	.1	.1	.1	.1	.3	1.2	.2	.1	.1	.2	.2	.2	.2	.2	.2	.3	.2	.1	.1	.1	24	1.2
12	.1	.3	.3	.4	.4	.5	.4	.6	.6	.6	.7	.6	.5	.4	.3	.2	.3	.3	.4	.4	.5	.6	.8	.7	24	.8
13	.7	.7	.7	.8	1.0	1.0	.8	.9	.6	.5	.3	.2	.3	.3	.4	.5	.5	.6	.7	.8	.8	.8	.9	1.1	24	1.1
14	1.7	1.4	.9	1.3	.8	.3	.3	.4	.4	.4	.4	.5	.7	.6	.5	.5	.4	.4	.3	.2	.2	.2	.2	.1	24	1.7
15	.1	.0	.0	.0	.0	.1	.0	.0	.1	.4	.8	.7	.7	.6	.6	.6	.5	.5	.9	.5	.5	.4	.4	.4	24	.9
16	.4	.3	.3	.3	.4	.4	.8	.7	.4	.4	.4	.4	.5	1.4	2.4	2.2	1.4	.5	1.2	.7	.2	.1	.2	.1	24	2.4
17	.1	.0	.0	.0	.0	.0	.1	.2	.6	.2	.0	.0	.0	.0	.2	.1	.1	.2	.2	.1	.1	.1	.2	.2	24	.6
18	.3	.4	.3	.2	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.2	.3	.5	.6	24	.6
19	.4	.4	.3	.1	.2	.6	.5	.4	.5	.5	.3	.3	.3	.2	.1	.1	.2	.2	.9	.3	.2	.2	.3	.5	24	.9
20	.6	.7	.9	1.1	1.0	.8	.5	.5	.6	.7	.9	1.0	1.0	.9	.8	.8	.7	.6	.4	.4	.4	.3	.3	.2	24	1.1
21	.2	.2	.2	.2	.2	.2	.2	.1	.1	.3	.7	1.3	1.9	1.3	.7	.5	.5	.4	.3	.3	.5	1.1	1.2	1.0	24	1.9
22	.9	.9	.6	.5	.3	.1	.1	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.0	.0	.1	.1	24	.9
23	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	BF	.8	.5	.4	.3	.2	.2	.1	.1	.1	.0	.0	.1	.0	23	.8
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0	.1	.0	24	.2
25	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	24	.1
26	.2	.1	.2	.2	.2	.2	.1	.2	.3	.2	.2	.3	.3	.2	.1	.2	.2	.3	.3	.4	.3	.3	.4	.2	24	.4
27	.1	.1	.1	.1	.1	.0	.1	.1	.1	.2	.2	.3	2.3	1.0	.2	.1	.1	.3	.6	.8	.9	1.0	.6	.5	24	2.3
28	.6	.9	.7	.5	.3	.2	.2	.2	.3	.3	.3	.2	.3	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0	.1	24	.9
29	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	24	.1
30	.0	.0	.0	.1	.2	.1	.1	.1	.2	.3	.4	.6	1.0	2.0	2.5	1.3	.8	.4	.3	.3	.4	.4	.4	.2	24	2.5
31	.1	.1	.1	.1	.0	.0	.1	.2	.2	.3	1.0	1.4	1.1	1.0	.8	.6	.5	.5	.5	.4	.3	.2	.4	.3	24	1.4
NO.:	31	31	31	31	31	31	31	31	31	31	29	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	1.7	1.4	.9	1.3	1.0	1.0	.8	.9	.8	1.2	2.1	1.4	2.3	2.0	2.5	2.2	1.4	1.8	2.6	2.1	1.5	1.4	2.3	2.5		
AVG:	.32	.29	.25	.26	.25	.23	.21	.23	.28	.31	.43	.43	.55	.46	.46	.44	.35	.35	.44	.36	.30	.31	.37	.33		

MONTHLY OBSERVATIONS: 742 MONTHLY MEAN: .34 MONTHLY MAX: 2.6

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.

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5

SITE ID: 37-105-0002 POC: 1
COUNTY: (105) Lee
CITY: (59280) Sanford
SITE ADDRESS: 4110 Blackstone Drive
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

LATITUDE: 35.4325000009
LONGITUDE: -79.2887
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 131
PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: DECEMBER 2014

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

DAY	HOUR 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										BC	BC	BC	.5	.4	.5	.3	.3	.3	.3	.2	.3	.2	.1	.1	12	.5
9	BF	.3	.3	.2	.1	.1	.1	.1	.1	.0	.1	.1	.2	.1	.2	.2	.3	.2	.2	.1	.4	.4	.3	.2	23	.4
10	BF	.3	.4	.4	.4	.3	.1	.2	.2	.2	.4	.4	.4	.6	.7	.6	.2	.2	.3	.4	.3	.5	.7	.7	23	.7
11	BF	.6	.6	.5	.5	.3	.3	.3	.4	.4	.4	.3	.5	.9	.3	.2	.3	.2	.3	.3	.2	.3	AE	.2	22	.9
12	BF	.3	.3	.5	.7	.7	.7	.6	.5	.6	.5	.5	.4	.4	.4	.5	.4	.4	.3	.3	.2	.3	.4	.5	23	.7
13	BF	.8	.7	.7	.8	.6	.5	.6	.7	.8	.9	.7	.6	.4	.4	.6	.5	.5	.4	.4	.4	.4	.3	.4	23	.9
14	BF	.6	.6	.5	.5	.4	.4	.5	.5	.5	.7	.9	.9	.9	.8	.8	.8	.6	.6	.6	.5	.4	.3	.3	23	.9
15	BF	.3	.3	.2	.3	.2	.3	.2	.2	.3	.5	.8	.8	.7	.6	.7	.7	.6	.4	.5	.8	.9	.9	.8	23	.9
16	BF	.7	.7	.4	.3	.2	.2	.3	.6	1.6	.7	.3	.5	.5	.6	.5	.3	.3	.2	.2	.2	.2	.2	.2	23	1.6
17	BF	.2	.1	.1	.1	.1	.2	.2	.2	.2	.1	.0	.3	.3	.3	.2	.2	.3	.3	.2	.4	.5	.3	.2	23	.5
18	BF	.2	.2	.2	.2	.1	.2	.2	.3	.4	.7	.5	.5	.5	.3	.2	.2	.3	.1	.3	.3	.3	.2	.2	23	.7
19	BF	.3	.1	.2	.1	.1	.2	.1	.2	.4	.3	.2	.2	.1	.3	.2	.3	.1	.3	.4	.4	.5	.8	.8	23	.8
20	BF	.4	.5	.4	.5	.4	.4	.5	.6	.7	.7	.7	.6	.5	.5	.6	.6	.5	.5	.3	.3	.3	.3	.3	23	.7
21	BF	.3	.2	.4	.6	.5	.4	.5	.4	.6	.6	.5	.5	.4	.5	.6	.6	.7	.8	.6	1.3	1.2	1.3	1.2	23	1.3
22	BF	.7	.4	.3	.2	.2	.3	.4	.3	BA	.3	.3	.4	.3	.5	.3	.2	.2	.2	.1	.2	.2	.3	.2	22	.7
23	BF	.3	.2	.1	.2	.1	.2	.2	.4	.3	.2	.2	.2	.1	.2	.3	.6	.1	.2	.1	.1	.2	.3	.1	23	.6
24	BF	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	23	.2
25	BF	.1	.2	.1	.1	.2	.1	.1	.1	.2	.3	.2	.2	.2	.3	.3	.2	.2	.1	.1	.2	.1	.1	.1	23	.3
26	BF	.2	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.2	.3	.3	.2	.2	.2	.2	.3	.2	.1	.2	.1	23	.3
27	BF	.2	.1	.2	.1	.2	.2	.2	.2	.1	.5	.9	.7	.9	.6	.7	1.0	.9	.5	.6	.5	.6	.5	.3	23	1.0
28	BF	.6	.6	.8	.7	.6	.5	.5	.5	.5	.3	.2	.1	.2	.1	.0	.1	.1	.1	.1	.1	.1	.1	.0	23	.8
29	BF	.2	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.4	.1	.0	.3	.3	.2	23	.4
30	BF	.2	.2	.1	.1	.1	.3	.3	.6	.6	.5	.5	.4	.3	.4	.4	.4	.6	.3	.2	.2	.2	.2	.2	23	.6
31	BF	.2	.1	.1	.1	.2	.2	.3	.2	.1	.6	1.1	1.1	1.0	.8	1.0	.6	.5	.4	.4	.3	.3	.3	.2	23	1.1
NO.:		23	23	23	23	23	23	23	23	22	23	23	24	24	24	24	24	24	24	24	24	24	23	24		
MAX:		.8	.7	.8	.8	.7	.7	.6	.7	1.6	.9	1.1	1.1	1.0	.8	1.0	1.0	.9	.8	.6	1.3	1.2	1.3	1.2		
AVG:		.35	.31	.29	.30	.26	.27	.29	.33	.40	.41	.42	.43	.43	.41	.40	.39	.35	.31	.29	.33	.36	.37	.32		

MONTHLY OBSERVATIONS: 539 MONTHLY MEAN: .35 MONTHLY MAX: 1.6

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.

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5

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

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: JANUARY 2014

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	.5	.3	.4	.4	.3	.3	.3	.4	.4	.6	.5	.4	.3	.3	.2	.3	.3	.3	.3	.3	.2	.2	.2	24	.6
2	.2	.2	.1	.2	.2	.3	.3	.3	.3	.4	.3	.3	.3	.1	.1	.1	.0	.0	.0	.0	.0	.1	.4	.5	24	.5
3	.7	.9	.9	1.7	1.6	1.0	.8	1.2	.9	.5	.4	.4	2.2	1.7	2.0	1.1	.4	.3	.3	.3	.3	.2	.2	.2	24	2.2
4	.2	.2	.2	.3	.1	.1	.1	.4	.7	.6	.4	.3	.4	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	24	.7
5	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.1
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	AZ	AZ	AZ	AZ	AZ	.3	.1	.2	.2	.2	.2	.2	.2	.2	19	.3
7	.2	.2	.2	.2	.2	.2	.3	.3	.4	.4	BF	BF	BF	.4	.3	.8	2.6	.6	.2	.2	.2	.2	.2	.2	21	2.6
8	.2	.2	.1	.0	.0	.1	.1	.2	.4	.5	.4	.3	1.6	1.2	.2	2.7	2.8	.7	.5	.5	.3	.4	.3	.3	24	2.8
9	.3	.3	.3	.4	.4	.4	.4	.6	.7	1.4	2.0	1.6	.8	.8	1.0	.4	.3	.3	.3	.3	.3	.3	.3	.3	24	2.0
10	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.3
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.1
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.3	.3	.3	.2	.1	.1	.0	.1	.0	.0	.1	24	.3
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.5	AV	1.3	.6	.3	.6	.8	.6	.5	.3	.2	.1	.1	23	1.3
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.0	.0	.0	.1	.2	.3	.3	.3	24	.3
15	.3	.3	.2	.2	.1	.1	.2	.3	.3	.2	.1	.5	.4	.3	.3	.3	.3	.1	.1	.1	.1	.1	.2	.0	24	.5
16	.0	.0	.0	.0	.0	.1	.1	.2	.2	BF	BF	BF	.7	.8	.5	.3	.3	.3	.2	.1	.2	.1	.1	.1	21	.8
17	.1	.1	.1	.1	.1	.3	.2	.2	.7	.8	.8	1.1	1.1	.9	.7	.5	.5	.5	.4	.3	.4	.3	.3	.3	24	1.1
18	.1	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2	.3	.2	.2	.1	.1	.1	.1	.1	.1	24	.3
19	.1	.1	.6	.5	.4	.4	.4	.3	.4	.4	.5	.7	.7	.3	.3	.4	.5	.6	.5	.3	.3	.3	.3	.2	24	.7
20	.1	.1	.1	.0	.1	.1	.0	.0	.2	.3	.3	.2	.3	.4	.7	.7	.8	.7	.5	.4	.3	.3	.3	.3	24	.8
21	.2	.2	.2	.2	.2	.2	.2	.2	.6	2.1	3.2	3.2	2.5	.9	1.8	1.7	.7	1.5	2.1	2.2	2.5	2.9	4.3	2.6	24	4.3
22	2.2	2.1	2.1	4.6	3.5	1.2	1.2	1.2	1.4	2.4	2.2	1.5	1.2	1.1	.9	.6	.5	.5	1.0	.9	.8	.7	.6	.4	24	4.6
23	.4	.6	.5	.5	.6	.5	.6	.7	.9	1.0	.8	2.2	.6	.5	.5	.5	.6	1.1	.7	.4	.6	.5	.4	.8	24	2.2
24	.6	.6	.6	.7	.9	.8	.5	.7	.9	.7	.6	.7	.7	2.5	.9	.5	.7	3.2	1.0	.5	.5	.4	.5	.5	24	3.2
25	.4	.5	.5	.5	.6	.7	.7	.9	1.2	1.7	1.3	1.0	1.0	.9	1.0	1.1	1.3	1.5	1.0	1.3	2.2	2.4	2.2	2.1	24	2.4
26	2.4	2.6	1.9	1.6	1.4	.8	.5	.5	1.1	1.5	1.3	.9	.8	.6	.4	.3	.3	.3	.4	.4	.4	.6	.6	.9	24	2.6
27	1.3	1.3	1.1	.8	.7	.6	.5	.6	.9	1.2	1.0	1.0	1.1	.8	.9	1.0	.8	.5	.5	.5	2.1	.6	.5	.4	24	2.1
28	.4	.3	.4	.4	.5	.5	.6	1.8	1.8	1.5	BF	BF	1.1	1.1	1.3	1.5	.8	.5	.6	.7	.7	.7	.8	.8	22	1.8
29	.7	.9	1.0	1.2	.8	.5	.5	.5	.5	.7	1.0	1.3	1.4	1.4	1.9	1.8	1.7	1.4	.9	.8	.6	.5	.4	.2	24	1.9
30	.2	.2	.2	.2	.2	.3	.3	.6	1.0	1.6	1.5	1.5	1.6	1.4	1.2	1.2	1.0	.9	.9	.7	.8	.9	.8	.6	24	1.6
31	.5	.5	.5	.5	.6	.8	.8	.9	1.3	2.0	1.9	2.0	4.6	3.9	3.6	4.7	1.8	1.7	1.8	2.0	1.6	1.3	1.2	1.2	24	4.7
NO.:	31	31	31	31	31	31	31	31	31	30	27	27	28	30	30	31	31	31	31	31	31	31	31	31		
MAX:	2.4	2.6	2.1	4.6	3.5	1.2	1.2	1.8	1.8	2.4	3.2	3.2	4.6	3.9	3.6	4.7	2.8	3.2	2.1	2.2	2.5	2.9	4.3	2.6		
AVG:	.41	.43	.40	.49	.44	.34	.31	.42	.56	.77	.78	.82	.93	.82	.74	.77	.66	.62	.50	.46	.54	.48	.52	.45		

MONTHLY OBSERVATIONS: 730 MONTHLY MEAN: .56 MONTHLY MAX: 4.7

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.

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5

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

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 2014

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	1.0	.8	.9	.8	.8	.7	.7	.9	1.1	1.6	1.9	3.0	1.8	1.8	1.6	1.6	1.2	1.1	1.0	.9	.8	.8	.8	1.0	24	3.0
2	.7	.6	.3	.1	.1	.1	.0	.0	.0	.3	.5	.5	.4	.4	.3	.2	.2	.2	.2	1.2	1.4	1.3	1.6	1.5	24	1.6
3	.7	.7	1.2	1.5	1.4	.7	.6	.4	.2	BF	BF	BF	BC	BC	BC	.2	.0	.0	.0	.2	.5	.2	.1	.0	18	1.5
4	.0	.2	.3	.2	.1	.1	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	24	.3
5	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.1	.4	.2	.2	.2	-.1	.2	1.2	1.0	1.3	24	1.3
6	1.3	2.0	.4	.5	.8	1.0	1.3	1.5	1.5	1.8	1.7	1.4	1.2	1.1	.9	.8	.8	.7	.6	.5	.5	.5	.4	.3	24	2.0
7	.3	.3	.2	.2	.2	.1	.0	.2	.3	.7	.8	BF	BF	2.3	3.5	1.9	1.6	1.4	1.0	.8	.6	.4	.3	.2	22	3.5
8	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3	1.0	1.7	1.3	1.2	1.6	3.2	2.6	1.5	1.4	1.1	.3	.3	.3	24	3.2
9	.2	.2	.1	.0	-.1	-.1	-.1	.0	.5	.7	.7	.6	.6	.6	.4	.2	.1	.1	.1	.1	.2	.2	.3	.1	24	.7
10	.0	-.1	-.1	.0	.0	.0	.1	.1	.2	.4	.3	.8	.8	.4	.2	.0	.0	.0	-.1	-.1	-.1	.0	.1	.1	24	.8
11	.3	.4	.7	.6	.5	.5	.5	.5	.7	1.8	1.3	.9	.8	.5	.4	.4	.3	.4	.3	.3	.3	.2	.1	.0	24	1.8
12	.0	.5	2.2	1.8	1.9	2.4	2.5	2.1	2.1	2.6	2.1	1.8	1.7	1.4	1.4	1.4	2.5	1.6	1.4	1.2	.9	.8	.7	.6	24	2.6
13	.6	.7	.7	.5	.5	.4	.2	.1	.1	.1	.0	.0	.0	.0	.1	.1	.3	.4	.6	.4	.2	.1	.1	.1	24	.7
14	.0	.2	.2	.1	.0	-.1	-.1	-.1	.4	.5	.6	.6	.6	.7	1.0	.6	.4	.3	.2	.2	.2	.3	.4	.4	24	1.0
15	.4	.4	.0	.0	-.1	-.1	-.1	-.1	-.1	.7	1.8	2.7	1.6	.9	.3	.2	.1	.1	.1	.2	.5	.4	.2	.3	24	2.7
16	.2	.2	.5	.7	.7	.5	.3	.2	.6	1.6	1.0	1.0	1.2	.7	.4	.5	.2	.2	.2	.3	.3	.4	.4	.2	24	1.6
17	.2	.1	.1	.3	.6	.8	.6	.4	.5	.8	.8	1.1	1.1	1.0	.8	.7	.5	.5	.5	.6	.9	1.0	.9	.8	24	1.1
18	.8	.7	.4	.3	.1	.3	.1	.1	.7	1.0	.8	.4	BF	BF	BF	BF	.4	.3	.2	.7	.7	.4	.5	.4	20	1.0
19	.5	.4	.2	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	24	.5
20	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.2	.3	.2	.8	.7	.3	.1	.0	.1	.1	.0	.1	.4	.4	.2	24	.8
21	.0	.0	.1	.1	.1	.1	.2	.4	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	-.1	.0	.0	.1	.0	.1	.2	24	.4
22	.1	.0	.1	.2	.1	.1	.1	.1	.1	.0	.1	.1	.0	.3	.2	.0	.0	.0	.1	.2	.2	.1	.2	.1	24	.3
23	.1	.1	.1	.1	.2	.3	.1	.1	.2	.4	.3	.4	1.0	1.4	1.2	1.8	.9	.6	1.9	1.7	.9	.7	.7	.5	24	1.9
24	.3	.3	.1	.5	1.2	1.2	1.0	1.0	1.1	.6	.8	.9	.4	.1	.1	.1	.1	.2	.2	.6	.8	.8	.8	.6	24	1.2
25	.7	.8	.6	.4	.2	.2	.3	.6	1.2	1.5	1.3	1.5	1.0	.8	.7	.9	1.5	1.4	1.0	.6	.5	.9	.7	.8	24	1.5
26	1.1	1.9	2.1	2.0	1.6	1.4	1.1	1.1	1.6	1.4	1.3	1.1	1.2	1.4	1.4	1.2	1.4	1.6	1.3	.7	.4	.3	.2	.2	24	2.1
27	.2	.2	.2	.3	.3	.4	.3	.3	.6	.9	BF	BF	.8	.6	.5	.5	.2	.3	.1	.1	.4	.4	.5	.7	22	.9
28	.9	.6	.6	.7	.9	1.0	1.1	1.7	1.8	1.6	1.5	1.4	1.3	1.2	1.1	1.0	1.1	1.4	1.2	1.2	1.0	.9	.8	.8	24	1.8
29																									0	
30																									0	
31																									0	
NO.:	28	28	28	28	28	28	28	28	28	27	26	25	25	26	26	27	28	28	28	28	28	28	28	28		
MAX:	1.3	2.0	2.2	2.0	1.9	2.4	2.5	2.1	2.1	2.6	2.1	3.0	1.8	2.3	3.5	1.9	3.2	2.6	1.9	1.7	1.4	1.3	1.6	1.5		
AVG:	.38	.43	.43	.42	.43	.42	.38	.41	.55	.78	.77	.85	.79	.75	.69	.60	.61	.55	.49	.49	.48	.46	.44	.41		

MONTHLY OBSERVATIONS: 658 MONTHLY MEAN: .54 MONTHLY MAX: 3.5

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.

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5

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

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 2014

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	.8	1.8	2.2	1.2	.8	.7	.7	.7	.8	1.0	1.0	.9	.8	.8	.6	.5	.5	.5	.3	.1	.3	.2	.0	24	2.2
2	.0	.1	.0	.0	.0	-.1	-.1	.0	.3	.6	.6	.9	.8	.9	.9	.7	.6	.7	.9	.8	.7	.6	.3	.3	24	.9
3	.2	.2	.3	.2	.2	.2	.4	.3	.2	.1	.0	.0	.0	.0	.0	-.1	-.1	-.1	.0	-.1	.0	.1	.0	.0	24	.4
4	.0	.0	.1	AV	.2	.4	.9	1.6	1.7	1.4	1.1	1.0	1.0	1.0	.9	.8	.7	.6	.5	.6	.6	.4	.4	.4	23	1.7
5	.4	.4	.5	.5	.4	.5	.4	.4	.8	1.1	1.1	1.4	1.2	1.1	.9	.9	.9	1.7	1.0	1.1	.7	.4	.5	1.3	24	1.7
6	2.5	2.5	1.7	2.2	2.4	3.1	3.9	3.6	3.2	2.9	3.0	3.1	3.1	3.0	2.6	2.1	1.2	.6	.7	.5	.1	.0	-.1	-.1	24	3.9
7	-.1	-.1	-.1	-.1	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	24	0.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.5	.7	.4	.3	.3	.4	.3	.2	.3	.3	.3	.2	.2	.1	24	1.5
9	.1	.1	.0	.0	-.1	.0	.0	.2	.2	.4	.5	.5	.4	.3	.2	.2	.2	.3	.3	.2	.2	.3	.4	.4	24	.5
10	.3	.4	.4	.1	.0	.0	.1	.3	.5	.5	BF	BF	BF	BF	.3	.2	.1	.2	.1	.1	.1	.1	.0	.0	20	.5
11	.0	.0	-.1	-.1	-.1	-.1	.1	.0	.2	.6	.9	.8	1.9	1.7	1.4	.1	.1	.2	.2	.2	.2	.2	.2	.2	24	1.9
12	.2	.3	.6	.8	.4	.1	.0	-.1	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.2	-.2	-.2	24	.8
13	-.1	.1	.1	.0	-.1	-.1	-.1	.0	.0	.2	.2	.1	.1	.2	.2	.3	.3	.2	.2	.2	.1	.1	.0	.0	24	.3
14	.0	.0	-.1	-.1	-.1	.0	.1	.3	.5	.9	.4	2.5	1.6	1.5	1.2	.2	.4	.3	.0	.0	.1	.1	.2	.1	24	2.5
15	.1	.1	.2	.3	.2	.2	.1	.2	.3	.5	.9	.6	.5	.4	.4	.5	.4	.3	.3	.3	.3	.3	.3	.3	24	.9
16	.2	.1	.2	.2	.3	.3	.2	.3	.3	.0	.0	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	.3
17	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	24	-.1
18	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.1	-.1	24	-.1
19	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.1	24	-.1
20	-.2	-.2	-.2	-.2	-.1	-.1	-.1	.1	.0	-.1	.0	.0	-.1	BF	BF	BF	.1	.1	.1	.1	.1	.2	2.7	1.7	21	2.7
21	1.2	2.1	.4	.2	.1	.1	.3	.8	.8	1.0	.5	.2	.1	.1	.1	.8	.5	.2	.8	.5	.3	.2	.2	1.4	24	2.1
22	3.0	3.2	1.3	1.1	.8	.5	.3	.5	.7	.6	.6	.6	.7	.7	.7	.9	.8	.7	.6	.7	.6	.5	.4	.3	24	3.2
23	.3	.3	.2	.1	.2	.2	.5	.7	1.0	1.0	.8	.4	.3	.2	.1	.3	.4	.4	.2	.0	.0	.0	.1	.1	24	1.0
24	.0	.0	.0	.0	.0	.1	.2	.3	.4	.4	.3	.2	.2	.2	.2	.3	.3	.3	.2	.3	.3	.4	.3	.4	24	.4
25	.4	.3	.2	.2	.2	.5	.5	.5	.3	.3	.3	.3	.3	.3	.2	.1	.1	.1	.3	.4	.4	.3	.4	.4	24	.5
26	.2	.1	.0	.0	.1	.2	.3	.2	AZ	AZ	AZ	.4	.4	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	21	.4
27	.2	.1	.2	.2	.2	.3	.4	.4	.5	.4	.4	.3	.5	.7	.8	.7	.8	.6	.4	.5	.5	.5	.5	.4	24	.8
28	.3	.3	.3	.4	.7	.7	.5	.7	.4	.4	.3	.3	.2	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	24	.7
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	24	.1
30	.0	.3	.5	.4	.3	.4	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	24	.5
31	.2	.2	.1	.2	.1	.2	.3	.4	1.4	1.7	1.9	2.4	2.2	1.3	.6	.5	.6	.7	.9	.8	.7	.6	.5	.4	24	2.4
NO.:	31	31	31	30	31	31	31	31	30	30	29	30	30	29	30	30	31	31	31	31	31	31	31	31		
MAX:	3.0	3.2	1.8	2.2	2.4	3.1	3.9	3.6	3.2	2.9	3.0	3.1	3.1	3.0	2.6	2.1	1.2	1.7	1.0	1.1	.7	.6	2.7	1.7		
AVG:	.32	.36	.26	.27	.22	.25	.31	.39	.47	.52	.54	.57	.54	.50	.43	.35	.29	.27	.25	.24	.19	.16	.23	.25		

MONTHLY OBSERVATIONS: 733 MONTHLY MEAN: .34 MONTHLY MAX: 3.9

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.

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5

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

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 2014

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	.3	.3	.3	.3	.3	.3	.3	.8	1.2	1.2	.6	.5	.7	.4	.3	.3	.2	.3	.2	.3	.3	.3	.4	.3	24	1.2
2	.3	.3	.3	.3	.3	.2	.2	.4	.8	BF	BF	.6	.5	.5	.5	.4	.4	.4	.2	.2	.2	.3	.3	.2	22	.8
3	.2	.2	.2	.2	.2	.2	.2	.4	.4	.5	.5	.5	.5	.4	.4	.1	.1	.1	.1	.2	.2	.2	.2	.2	24	.5
4	.2	.2	.2	.2	.2	.2	.2	.3	.3	.4	.3	.2	.1	.0	.1	.1	.1	.1	.0	.1	.2	.0	.0	.0	24	.4
5	.0	.0	.0	.0	.0	.0	.0	.1	.5	1.3	1.1	.7	.6	.5	.4	.5	.4	.4	.7	.3	.2	.2	.2	.6	24	1.3
6	.4	.4	.4	.3	.4	.5	.7	.8	.5	.4	.4	.6	.7	.6	.3	.3	.2	.2	.2	.3	.2	.2	.3	.4	24	.8
7	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.3
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	1.1	1.5	.2	.2	.1	.7	.2	.3	.3	.1	.0	.0	.1	24	1.5
9	.1	.1	.1	.0	.1	.1	.2	.8	1.4	2.5	2.9	1.9	1.0	1.0	.4	.1	.1	.0	.0	.0	.1	.1	.1	.1	24	2.9
10	.1	.1	.1	.2	.1	.1	.3	.6	BF	BF	.3	.2	.4	.2	.3	.2	.1	.1	.2	.2	.2	.2	.2	.2	22	.6
11	.2	.2	.2	.2	.2	.2	.2	.3	.4	.4	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	24	.4
12	.2	.1	.1	.0	.0	.0	.0	.1	.4	.5	.5	.5	.7	.6	.4	.4	.4	.4	.4	.5	.5	.6	1.4	1.6	24	1.6
13	1.1	.9	.8	.6	.5	.2	.3	.8	.6	.3	.3	.3	.2	.2	.2	.3	.1	.2	.2	.2	.2	.2	.2	.2	24	1.1
14	.3	.5	.3	.2	.2	.2	.3	.3	.4	.3	.4	.3	.3	.2	.2	.1	.0	.1	.1	.1	.0	.0	.0	.0	24	.5
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.4	1.1	.1	.1	24	1.1
16	.1	.5	.6	.5	.3	.1	.1	.4	.6	.6	.5	.4	.5	.4	.5	.5	.3	.2	.2	.2	.1	.2	.1	.1	24	.6
17	.1	.0	.0	.1	.1	.2	.8	.3	.3	.5	.6	.6	.4	.4	.3	.2	.3	.3	.3	.3	.3	.3	.5	.8	24	.8
18	.5	.3	.2	.1	.1	.0	.4	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.0	.0	.0	24	.5
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	24	0.0
20	.0	.0	.0	.1	.1	.4	.3	.3	.3	.3	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2	.3	.9	.2	24	.9
21	.3	.7	.3	.1	.0	.0	.1	1.3	1.6	.9	.9	1.0	.8	.6	.6	.5	.4	.3	.3	.2	.2	.2	.1	.1	24	1.6
22	.1	.1	.1	.1	.1	.1	.1	.2	BF	BF	.5	.5	.4	.4	.3	.1	.1	.1	.1	.0	.0	.0	.0	.0	22	.5
23	.0	.0	.0	.0	.0	.0	.0	.1	.5	.6	.6	.4	.5	.4	.3	.1	.1	.2	.1	.1	.2	.3	.3	.3	24	.6
24	.3	.2	1.7	2.4	1.5	1.1	.7	.6	.5	.5	.5	.4	.4	.3	.3	.3	.3	.4	.3	.4	.3	.2	.2	.1	24	2.4
25	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.2
26	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.2	.2	.1	.2	.2	.1	.1	.1	.1	.1	.2	.2	.2	.1	24	.3
27	.1	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.3	.3	.3	.2	.8	.3	.2	.2	.2	.3	.3	.4	.4	24	.8
28	.7	.9	.8	.2	.2	.2	.2	1.0	.9	.8	.6	.3	.2	.2	.1	.2	.2	.2	.4	.2	.4	.5	.4	.4	24	1.0
29	.7	.5	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	-.1	-.1	24	.7
30	.0	.0	-.1	-.1	.0	.0	.0	.0	.1	.1	.1	.3	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	24	.3
31																									0	
NO.:	30	30	30	30	30	30	30	30	28	27	29	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	1.1	.9	1.7	2.4	1.5	1.1	.8	1.3	1.6	2.5	2.9	1.9	1.5	1.0	.6	.8	.7	.4	.7	.5	.5	1.1	1.4	1.6		
AVG:	.22	.23	.24	.21	.16	.14	.19	.35	.44	.47	.46	.42	.39	.29	.24	.22	.19	.17	.17	.16	.18	.20	.22	.22		

MONTHLY OBSERVATIONS: 714 MONTHLY MEAN: .26 MONTHLY MAX: 2.9

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.

(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 2014

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	.0	.2	.1	.0	.0	.0	.1	BF	BF	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	22	.2
2	.0	.0	.0	.0	.0	.0	.0	.2	.4	.3	.4	.3	.3	.2	.2	.3	.1	.1	.1	.1	.1	.0	.1	.1	24	.4
3	.2	.2	.0	.0	.0	.0	.0	.1	.3	.3	.4	.3	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	24	.4
4	.0	.0	.0	.0	.0	.0	.0	.2	.3	.5	.5	.4	.3	.4	.4	.3	.3	.2	.2	.1	.1	.1	.1	.0	24	.5
5	.0	.0	.0	.0	.0	.0	.2	.2	.4	.5	.6	.6	.8	.5	.7	.4	.2	.2	.2	.2	.1	.2	.3	.5	24	.8
6	.6	.1	.0	.0	.1	.0	.2	.4	.5	.6	.9	1.3	1.7	1.1	.4	.3	.3	.3	.2	.2	.2	.2	.1	.1	24	1.7
7	.1	.2	.2	.1	.1	.1	.1	.2	.1	BA	.2	.2	.2	.3	.4	.6	.4	.4	.4	.3	.2	.1	.1	.1	23	.6
8	.0	.0	.0	.0	.0	.0	.1	.4	.8	1.0	1.1	.3	.6	.4	.2	.2	.1	.1	.1	.1	.2	.1	.1	.1	24	1.1
9	.1	.1	.1	.1	.0	.0	.1	.4	.4	.4	.7	.5	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	24	.7
10	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.7	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.7
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	24	.1
12	.0	.1	.1	.1	.1	.1	.2	.3	1.1	1.0	.5	.1	.2	.1	.1	.1	.1	.1	.0	.1	.0	.1	.1	.1	24	1.1
13	.1	.1	.0	.0	.0	.0	.1	.2	.2	.2	.2	.1	.1	.1	.1	.0	.1	.1	.2	.1	.1	.1	.1	.2	24	.2
14	.2	.2	.2	.2	.1	.1	.3	.2	.1	.1	.1	BD	.2	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	BD	22	.3
15	BD	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.2	BD	22	.2
16	BD	.3	.1	.0	.0	.0	.0	.1	.0	.2	.1	.2	.1	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	BD	22	.3
17	BD	.0	.0	.0	.0	.0	.0	.2	.3	.3	.1	.2	.1	.1	.1	.1	.2	.2	.2	.1	.0	.0	.0	BD	22	.3
18	BD	.2	.2	.2	.1	.1	.1	.3	.7	.5	.4	.3	.3	.2	.2	.2	.1	.1	.1	.2	.0	.0	.0	BD	22	.7
19	BD	.1	.1	.1	.1	.1	.1	.2	.3	.3	.4	.3	.2	.1	.1	.1	.0	.0	.1	.1	.1	.0	.0	BD	22	.4
20	BD	.2	.1	.1	.0	.0	.1	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	BD	22	.2
21	BD	.1	.1	.0	.0	.0	.0	.1	.2	.4	.8	.6	.4	.4	.5	.3	.3	.2	.2	.2	.1	.1	.5	BD	22	.8
22	BD	.2	.1	.1	.0	.0	.0	.1	.1	.6	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	BD	22	.6
23	BD	.2	.1	.1	.1	.1	.2	.3	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.5	.6	1.0	BD	22	1.0
24	BD	.2	.1	.1	.2	.3	.4	.5	.4	.4	.4	.3	.3	.3	.3	.3	.4	.4	.3	.2	.2	.1	.1	BD	22	.5
25	BD	.2	.1	.1	.1	.1	.1	.2	.3	.5	.4	.4	.8	.7	.5	.6	.5	.5	.3	.2	.1	.1	.1	BD	22	.8
26	BD	.1	.0	.0	.0	.0	.0	.3	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	BD	22	.3
27	BD	.1	.0	.0	.0	.0	.0	.1	.4	.4	.8	.3	.5	.4	.5	.3	.1	.1	.1	.1	.0	.0	.0	BD	22	.8
28	BD	.2	.1	.1	.0	.0	.1	.6	1.1	.5	.2	.2	.3	1.5	.6	.7	1.0	.2	.1	.1	.1	.4	.4	BD	22	1.5
29	BD	.2	.4	.2	.1	.1	.2	.4	.4	.3	.3	.2	.2	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	BD	22	.4
30	BD	.1	.0	.0	.0	.0	.0	.1	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	BD	22	.2
31	BD	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	BD	22	.1
NO.:	14	31	31	31	31	31	31	31	30	29	31	30	31	31	31	31	31	31	31	31	31	31	31	13		
MAX:	.6	.3	.4	.2	.2	.3	.4	.6	1.1	1.0	1.1	1.3	1.7	1.5	.7	.7	1.0	.5	.4	.3	.5	.6	1.0	.5		
AVG:	.10	.12	.07	.05	.04	.04	.08	.21	.33	.36	.36	.28	.29	.26	.21	.19	.15	.12	.11	.09	.07	.07	.11	.09		

MONTHLY OBSERVATIONS: 705 MONTHLY MEAN: .16 MONTHLY MAX: 1.7

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.

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5

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

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 2014

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	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.0	.1	.0	.0	.0	BD	22	.1
2	BD	.1	.0	.0	.0	.0	.0	.1	.1	.2	.3	.1	.1	.1	.1	.1	.0	.0	.1	.2	.2	.1	.1	BD	22	.3
3	BD	.1	.0	.0	.0	.0	.1	.2	.1	.3	.7	.7	.2	.1	.1	.1	.1	.0	.1	.1	.0	.0	.0	BD	22	.7
4	BD	.2	.1	.1	.1	.1	.1	.2	.2	.3	.3	1.0	1.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	BD	22	1.0
5	BD	.1	.1	.1	.1	.1	.1	.2	1.3	3.2	.4	.4	.9	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0	BD	22	3.2
6	BD	.3	.7	.7	.5	.3	.4	.5	.4	.3	.2	.2	.2	.2	.6	.6	.6	.3	.1	.1	.1	.2	.2	BD	22	.7
7	BD	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	BD	22	.1
8	BD	.4	.6	1.0	1.0	.8	1.0	.7	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BD	22	1.0
9	BD	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	BD	22	.3
10	BD	.1	.0	.0	.0	.0	.0	.6	.9	.5	AN	AN	.5	.2	.1	.1	.2	.1	.2	.2	.3	.8	.5	BD	20	.9
11	BD	.4	.1	.0	.1	.1	.2	.2	.2	.3	.9	.7	.5	.4	.3	.1	1.9	.0	.0	.0	.0	.0	.0	BD	22	1.9
12	BD	.2	.1	.0	.0	.0	.1	.2	.2	.2	.3	.1	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	BD	22	.3
13	BD	.4	.2	.1	.0	.0	.0	.1	.3	.3	.1	.1	.1	.4	.6	.8	.5	.2	.1	.0	.0	.0	.0	BD	22	.8
14	BD	.2	.1	.0	.0	.0	.0	1.2	2.9	.6	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	BD	22	2.9
15	BD	.1	.1	.0	.1	.0	.2	.8	.8	.5	.4	.4	.3	.3	.2	.3	.2	.2	.1	.1	.1	.1	.1	BD	22	.8
16	BD	.1	.0	.0	.0	.0	.0	.4	.6	.5	.7	2.0	6.7	4.7	.8	.1	.1	.1	.0	.0	.1	.2	.2	BD	22	6.7
17	BD	.4	.2	.1	.1	.0	.1	1.0	.4	1.1	1.8	6.3	3.7	.7	.1	.1	.2	.4	.5	1.1	2.0	.5	.5	BD	22	6.3
18	BD	.5	.4	.2	.1	.1	.2	3.0	AZ	AZ	AZ	AZ	.3	.6	.8	.1	.1	.9	2.5	.5	.2	.1	.1	BD	18	3.0
19	BD	.3	.2	.2	.1	.1	.2	.8	1.4	4.0	5.2	4.1	1.8	.3	.2	.4	.3	.1	.1	.1	.2	.1	.7	BD	22	5.2
20	BD	1.3	.8	.3	.3	.3	.3	.5	.3	.3	.2	.1	.2	.4	.8	.3	.1	.1	.1	.1	.3	.7	1.4	BD	22	1.4
21	BD	.4	.3	.2	.1	.1	.4	1.0	1.4	.8	.7	.5	.3	.2	.5	.1	.1	.1	.1	.1	.1	.1	.1	BD	22	1.4
22	BD	.3	.2	.1	.1	.1	.8	.7	.4	.2	.3	.2	.2	.2	.1	.2	.1	.1	.0	.1	.0	.0	.0	BD	22	.8
23	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BD	22	0.0
24	BD	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BD	22	.1
25	BD	.2	.0	.0	.0	.0	.0	.1	BA	.0	.0	.1	.5	.4	.6	.3	.1	.0	.0	.0	.0	.0	.0	BD	21	.6
26	BD	.2	.1	.0	.0	.0	.0	.2	.3	.2	.1	.1	.4	.7	.2	.1	.3	1.0	.5	.5	.3	.2	.2	BD	22	1.0
27	BD	.3	.2	.3	.3	.3	.3	.4	.3	.3	.3	.3	.2	.2	.3	.3	.2	.1	.0	.0	.0	.0	.0	BD	22	.4
28	BD	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BD	22	.1
29	BD	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	BD	22	.1
30	BD	.2	.1	.0	.0	.0	.1	.2	.3	.7	1.5	1.7	2.6	8.7	.3	.1	.1	.1	.1	.0	.0	.0	.0	BD	22	8.7
31																									0	
NO.:		30	30	30	30	30	30	30	28	29	28	28	30	30	30	30	30	30	30	30	30	30	30			
MAX:		1.3	.8	1.0	1.0	.8	1.0	3.0	2.9	4.0	5.2	6.3	6.7	8.7	.8	.8	1.9	1.0	2.5	1.1	2.0	.8	1.4			
AVG:		.25	.16	.11	.10	.08	.16	.45	.47	.52	.54	.71	.71	.66	.25	.16	.19	.14	.17	.12	.14	.11	.15			

MONTHLY OBSERVATIONS: 653 MONTHLY MEAN: .28 MONTHLY MAX: 8.7

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.

(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 2014

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	.1	.0	.0	.0	.0	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1	.0	BD	22	.2
2	BD	.5	.3	.3	.2	.2	.4	.5	.5	.4	.4	.4	.6	.4	.4	.3	.3	.3	.2	.2	.2	.4	.4	BD	22	.6
3	BD	.3	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BD	22	.3
4	BD	.3	.1	.1	.1	.0	.3	.3	.3	.3	.3	.2	.2	.1	.2	.2	.0	.1	.1	.2	1.7	2.0	1.1	BD	22	2.0
5	BD	.4	.3	.3	.3	.4	.4	.5	.7	.5	.4	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	BD	22	.7
6	BD	.2	.1	.1	.0	.0	.1	.3	.4	.3	.3	.2	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.0	BD	22	.4
7	BD	.2	.1	.1	.0	.0	.1	.2	.3	.3	.2	.1	.1	.1	.1	.1	.1	.2	.4	.9	.2	.3	.2	BD	22	.9
8	BD	.3	.1	.2	.3	.3	.4	.3	.2	.3	.2	.2	.2	.3	.2	.2	.3	.1	.1	.1	.8	4.2	5.0	BD	22	5.0
9	BD	2.0	.6	.2	.2	.2	.6	.6	.5	.4	.3	.3	3.4	6.1	2.1	.0	.0	.0	.0	.0	.0	.0	.0	BD	22	6.1
10	BD	.3	.1	.1	.0	.0	.1	.1	.1	.3	.2	.1	.3	.4	.4	.7	.6	.4	.2	.1	.1	.1	.0	BD	22	.7
11	BD	.1	.0	.0	.0	.0	.0	.2	.5	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BD	22	.5
12	BD	.1	.0	.0	.0	.0	.0	.1	.3	.2	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	.0	.0	.0	BD	22	.3
13	BD	.1	.1	.0	.0	.0	.0	.2	.2	.2	.2	.1	.1	.1	.1	.1	.2	.2	.1	.1	.0	.1	.8	BD	22	.8
14	BD	.7	.4	.3	.2	.1	.2	.6	.4	.2	.2	.3	.2	.4	.2	.1	.1	.3	.8	2.5	.5	.1	.1	BD	22	2.5
15	BD	.2	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	BD	22	.2
16	BD	.2	.0	.0	.0	.0	.0	BF	BF	BC	BC	BC	BC	.4	.4	.4	.3	.4	.3	.2	.1	.0	.1	BD	16	.4
17	BD	.0	.0	.0	.0	.1	.1	.5	1.1	.7	.3	.3	.4	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	BD	22	1.1
18	BD	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.2	4.2	2.6	2.3	.2	.2	.0	.0	.1	.1	BD	22	4.2
19	BD	.2	.0	.0	.0	-.1	-.1	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	BD	22	.2
20	BD	.0	.0	.0	.0	-.1	.0	.2	.1	.0	.0	.0	.0	-.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	BD	22	.2
21	BD	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	BD	22	0.0
22	BD	.0	.0	-.1	-.1	-.1	-.1	.0	.1	.0	.0	-.1	-.1	.0	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	.0	BD	22	.1
23	BD	.3	.1	.1	.1	.1	.1	.1	1.2	1.8	1.0	1.0	2.9	1.3	.1	.1	.0	.0	.0	.2	.6	.1	.1	BD	22	2.9
24	BD	.2	.0	.0	.0	.0	.0	.4	.5	.6	.5	.4	.3	2.3	.2	.0	.0	-.1	-.1	-.1	-.1	-.1	.0	BD	22	2.3
25	BD	.2	.1	.0	.0	.6	.2	.1	.4	.4	.4	.1	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	-.1	BD	22	.6
26	BD	.1	.0	.0	.0	.0	.0	.0	.0	.2	.3	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	BD	22	.3
27	BD	.2	.1	.4	.2	.1	.1	.0	.0	.0	.1	.3	.1	.1	.1	.1	.0	.0	.0	.0	5.1	1.5	.4	BD	22	5.1
28	BD	.2	.0	-.1	.1	.0	.1	1.5	1.5	3.3	1.3	.1	.1	.0	.0	.0	.0	.0	.1	.0	.4	5.2	.6	BD	22	5.2
29	BD	.1	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.1	.1	.3	.4	.1	.1	.0	.0	.0	.0	BD	22	.4
30	BD	.1	.0	.0	.0	.0	.1	.2	.3	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	BD	22	.3
31	BD	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.0	.0	.1	.0	.0	.0	.1	.0	-.1	-.1	-.1	BD	22	.2
NO.:		31	31	31	31	31	31	30	30	30	30	30	30	31	31	31	31	31	31	31	31	31	31			
MAX:		2.0	.6	.4	.3	.6	.6	1.5	1.5	3.3	1.3	1.0	3.4	6.1	4.2	2.6	2.3	.4	.8	2.5	5.1	5.2	5.0			
AVG:		.25	.09	.07	.05	.06	.10	.25	.34	.39	.26	.17	.33	.42	.31	.19	.16	.07	.09	.15	.31	.45	.28			

MONTHLY OBSERVATIONS: 676 MONTHLY MEAN: .22 MONTHLY MAX: 6.1

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.

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5

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

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: AUGUST 2014

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	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	BD	22	0.0
2	BD	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	BD	22	0.0
3	BD	.0	.0	-.1	-.1	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	BD	22	0.0
4	BD	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	BF	BF	BC	BC	BC	.2	.0	.0	.0	.0	.0	.0	.0	.0	BD	17	.2
5	BD	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.6	.2	.1	BD	22	.6
6	BD	.2	.0	.0	.0	.0	.0	.1	.2	.4	.3	.2	.2	.2	.2	.6	1.5	1.1	.4	.1	.1	.1	.1	BD	22	1.5
7	BD	.2	.1	.1	.0	.0	.1	.2	.2	.2	.2	.3	.2	.2	.3	.8	.7	.6	.1	.0	.1	.0	.1	BD	22	.8
8	BD	.1	.1	.0	.0	.0	.1	.1	.1	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BD	22	.1
9	BD	.1	.0	.0	.0	.1	.1	.2	.2	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	-.1	.0	BD	22	.2
10	BD	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.1	.1	BD	22	.1
11	BD	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BD	22	.1
12	BD	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	BD	22	.2
13	BD	.2	.0	.0	.0	.0	.1	.1	1.6	.5	1.9	.5	1.1	.4	.4	.3	.6	.9	.1	.1	.0	.0	.0	BD	22	1.9
14	BD	.1	.0	.0	.0	.0	.0	.2	.2	.3	.7	.6	.5	.4	.3	.3	.3	.2	.2	.1	.1	.0	.0	BD	22	.7
15	BD	.1	.1	.0	.1	.1	.1	.2	.4	.5	.4	.2	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	BD	22	.5
16	BD	.1	.0	.0	.0	.0	.0	.1	.1	.3	.5	.5	.3	.3	.2	.3	.2	.2	.2	.1	.0	.0	.0	BD	22	.5
17	BD	.1	.1	.1	.0	.0	.0	.1	.3	.2	.3	.4	.5	.5	.3	.4	.3	.3	.3	.2	.1	.1	.1	BD	22	.5
18	BD	.2	.1	.1	.1	.1	.1	.3	.6	.4	.4	.2	.1	.2	.2	.1	.1	.2	.7	.7	1.5	4.4	.6	BD	22	4.4
19	BD	.4	.2	.1	.0	.0	.1	.3	.6	.5	.3	.3	.0	.1	.0	.0	.0	.2	.1	.0	.0	.0	.0	BD	22	.6
20	BD	.4	.2	.1	.1	.1	.1	.1	.1	.2	.4	.3	.2	.2	.1	.4	.8	.3	.1	.1	.2	.2	.1	BD	22	.8
21	BD	.1	.1	.1	.0	.0	.1	.2	.2	.2	.1	.2	.2	.1	.1	.3	.6	.6	.6	.4	.5	.3	.2	BD	22	.6
22	BD	.3	.1	.1	.1	.0	.1	.2	.3	.6	.4	1.0	1.5	.3	.1	.2	.2	.1	.1	.1	.1	.1	.1	BD	22	1.5
23	BD	.1	.0	.0	.0	.0	.0	.0	.2	.3	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	BD	22	.3
24	BD	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.0	.6	.2	.4	BD	22	.6
25	BD	.1	.0	.0	.0	.0	.0	.1	.2	.2	.2	.1	.1	.1	.1	.1	.2	.2	.3	.1	.0	.2	.3	BD	22	.3
26	BD	.3	.3	.2	.1	.0	.0	.1	.2	.2	.2	.2	.2	.1	.1	.2	.2	.3	.3	.1	.1	.1	.2	BD	22	.3
27	BD	.1	.1	.0	.0	.0	.0	.3	.9	.5	.5	.4	.2	.2	.2	.2	1.7	3.6	2.4	1.8	.8	.6	.4	BD	22	3.6
28	BD	.3	.2	.2	.2	.1	.2	.3	.4	.8	.5	.4	.5	.4	.4	.4	.4	.3	.4	.2	.2	.2	.2	BD	22	.8
29	BD	.2	.1	.2	.1	.1	.2	.4	.4	.2	.2	.2	.1	.1	.2	.3	.2	.2	.1	.1	.1	.1	.1	BD	22	.4
30	BD	.1	.0	.0	.0	.0	.0	.0	.1	.4	.5	.4	.3	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	BD	22	.5
31	BD	.2	.1	.2	.2	.2	.1	.3	.3	.2	.2	.2	.2	.1	.1	.1	.2	.1	.1	.1	.0	.1	.3	BD	22	.3
NO.:		31	31	31	31	31	31	31	31	31	30	30	30	30	30	31	31	31	31	31	31	31	31			
MAX:		.4	.3	.2	.2	.2	.2	.4	1.6	.8	1.9	1.0	1.5	.5	.4	.8	1.7	3.6	2.4	1.8	1.5	4.4	.6			
AVG:		.14	.06	.04	.02	.02	.04	.12	.25	.23	.29	.23	.23	.15	.13	.17	.28	.32	.22	.14	.16	.22	.10			

MONTHLY OBSERVATIONS: 677 MONTHLY MEAN: .16 MONTHLY MAX: 4.4

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.

(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: SEPTEMBER 2014

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

DAY	HOUR 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	.3	.1	.1	.1	.1	.2	.4	.5	1.3	4.7	.8	.8	2.8	1.0	2.0	1.4	.3	.2	.2	.2	.1	BD	22	4.7
2	BD	.1	.1	.1	.1	.1	.1	.5	1.2	1.0	.9	1.0	.3	.3	.2	.2	.3	.5	.2	.2	.2	.1	.6	BD	22	1.2
3	BD	.2	.1	.1	.0	.0	.1	.3	.4	.4	.4	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	BD	22	.4
4	BD	.2	.1	.1	.0	.0	.1	.0	.0	.1	.2	.3	.2	.1	.1	.1	.1	.1	.1	.1	.1	.7	.5	.2	BD	22	.7
5	BD	.3	.1	.1	.1	.1	.1	.1	.2	.3	.3	.3	.3	.2	.2	.2	.2	.1	.2	.1	.1	.1	.1	BD	22	.3
6	BD	.1	.1	.1	.1	.1	.1	.1	1.2	1.3	.6	.3	.1	.1	.1	.1	.1	.1	.1	.3	.2	.2	.3	BD	22	1.3
7	BD	.1	.1	.1	.1	.1	.1	.1	.3	.7	.6	.6	.3	.2	.1	.1	.3	.0	.0	.0	.0	.0	.0	BD	22	.7
8	BD	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	BD	22	.1
9	BD	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.1	.0	.0	.0	.1	.0	.0	.1	BD	22	.1
10	BD	.1	.1	.0	.0	.1	.1	.1	.5	.8	.8	.5	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	BD	22	.8
11	BD	.2	.1	.1	.1	.0	.1	.1	.3	.2	.1	.1	.2	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	BD	22	.3
12	BD	.3	.2	.1	.1	.1	.2	.2	.2	AZ	AZ	AZ	AZ	.1	.2	.2	.2	.3	.1	.0	.0	.0	.0	BD	18	.3
13	BD	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.2	.3	.7	.3	.1	.1	.1	.1	.1	BD	22	.7
14	BD	.2	.2	.2	.2	.2	.3	.3	.6	.7	.4	.3	.3	.3	.2	.4	.5	.4	.4	.2	.1	.1	.1	BD	22	.7
15	BD	.2	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BD	22	.2
16	BD	.2	.1	.0	.0	.0	.0	.1	.2	.3	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	BD	22	.3
17	BD	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1	.1	.0	.0	.0	.0	.0	BD	22	.1
18	BD	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.0	BD	22	.3
19	BD	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.2	.4	BD	22	.4
20	BD	.1	.1	.1	.1	.2	.5	.3	.3	.2	.2	.1	.1	.2	.3	.2	.2	.1	.1	.2	.2	.1	.3	BD	22	.5
21	BD	.2	.1	.1	.1	.1	.1	.1	.1	.3	.4	.3	.3	.3	.2	.2	.2	.2	.1	.1	.2	.2	.2	BD	22	.4
22	BD	.2	.1	.1	.2	.2	.2	.3	.6	.6	.3	.3	.3	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	BD	22	.6
23	BD	.3	.3	.4	.4	.4	.4	.4	.8	1.3	1.0	.6	.7	.7	.8	.9	.5	.5	.4	.4	.3	.3	.4	BD	22	1.3
24	BD	.3	.3	.3	.3	.2	.1	.1	.1	.1	.2	.1	.2	.2	.2	.1	.1	.1	.1	.1	.1	.0	.0	BD	22	.3
25	BD	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1	.1	.0	.0	.0	.1	.0	.3	BD	22	.3
26	BD	.6	.2	.4	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	BD	22	.6
27	BD	.3	.2	.2	.1	.1	.1	.2	.3	.5	.5	.5	.5	.4	.4	.4	.5	.5	.2	.2	.1	.1	.1	BD	22	.5
28	BD	.5	.5	.4	.2	.2	.2	.2	.2	.3	.3	.3	.2	.3	.5	.4	.2	.1	.1	.1	.1	.1	.2	BD	22	.5
29	BD	.3	.2	.1	.2	.2	.3	.4	.4	.3	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	BD	22	.4
30	BD	.2	.1	.1	.2	.2	.2	.2	.1	.1	.3	.2	.2	.3	.3	.3	.2	.1	.1	.1	.1	.1	.1	BD	22	.3
31																									0	
NO.:		30	30	30	30	30	30	30	30	29	29	29	29	30	30	30	30	30	30	30	30	30	30			
MAX:		.6	.5	.4	.4	.4	.5	.5	1.2	1.3	1.3	4.7	.8	.8	2.8	1.0	2.0	1.4	.4	.4	.7	.5	.6			
AVG:		.21	.14	.12	.10	.10	.13	.16	.30	.37	.33	.41	.22	.20	.27	.21	.25	.19	.11	.11	.11	.09	.13			

MONTHLY OBSERVATIONS: 656 MONTHLY MEAN: .19 MONTHLY MAX: 4.7

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.

(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: OCTOBER 2014

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

DAY	HOUR 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	.2	.2	.1	.1	.2	.3	.3	.5	.7	.7	.7	.5	.4	.3	.3	.2	.1	.1	.1	.1	.0	BD	22	.7
2	BD	.1	.0	.0	.0	.0	.0	.1	.2	.5	1.0	.7	.3	.1	.2	.1	.1	.1	.1	.1	.1	.0	.1	BD	22	1.0
3	BD	.1	.1	.0	.0	.0	.0	.0	.1	.2	.3	.2	.4	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	BD	22	.4
4	BD	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	BD	22	.1
5	BD	.0	.0	.0	.0	.0	.0	.0	.1	.4	.3	.2	.2	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0	BD	22	.4
6	BD	.2	.1	.0	.0	.0	.0	.1	.3	.9	.7	.5	.6	.5	.4	.4	.5	.6	.6	.7	.7	.3	.3	BD	22	.9
7	BD	1.0	.8	.3	.1	.0	.0	.1	.2	.6	.7	.4	.3	.4	.4	.4	.4	.3	.3	.3	.4	.3	.2	BD	22	1.0
8	BD	.2	.1	.0	.0	.1	.0	.1	.2	.2	.2	.2	.2	.2	.3	.1	.0	.0	.0	.0	.0	.1	.1	BD	22	.3
9	BD	.1	.0	.1	.1	.1	.2	.5	.7	.6	.4	.3	.3	.2	.2	.7	.8	.8	.5	.2	.1	.1	.1	BD	22	.8
10	BD	.2	.1	.1	.1	.0	.0	.1	.8	.5	.3	.4	.3	.2	.2	.2	.1	.1	.1	.1	.1	.1	.2	BD	22	.8
11	BD	.6	.4	.3	.2	.1	.1	.1	.2	.3	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	BD	22	.6
12	BD	.3	.6	.4	.2	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BD	22	.6
13	BD	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BD	22	.1
14	BD	.2	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.2	.1	.1	.0	.0	.0	.1	.1	.0	.0	BD	22	.2
15	BD	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.2	.1	.1	BD	22	.2
16	BD	.1	.1	.0	.0	.0	.0	.0	.1	.1	.3	.3	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	BD	22	.3
17	BD	.1	.1	.0	.0	.0	.1	.2	.2	.3	.5	.3	.2	.2	.2	.2	.2	.1	.0	.0	.0	.0	.1	BD	22	.5
18	BD	.1	.0	.0	.0	.0	.0	.1	.1	.4	.4	.3	.3	.2	.1	.1	.1	.1	.3	2.5	.2	.2	.2	BD	22	2.5
19	BD	.2	.1	.0	.0	.0	.0	.0	.0	.3	.1	.0	.1	.1	.3	.6	.5	.4	.1	.1	.1	.1	.1	BD	22	.6
20	BD	.2	.1	.1	.0	.0	.1	.1	.1	.6	.4	.4	.3	.2	.2	.2	.2	.1	.1	.0	.0	.0	.1	BD	22	.6
21	BD	.1	.0	.0	.0	.0	.1	.2	.2	.3	.5	.6	.3	.4	.4	.5	.3	.2	.7	2.5	2.5	.1	.1	BD	22	2.5
22	BD	.1	.4	.2	.5	.6	.3	.1	.0	.1	.1	.2	.4	.8	.6	.6	.5	.2	.1	.1	.5	1.8	.2	BD	22	1.8
23	BD	.1	.0	.0	.0	.0	.0	.1	.1	.1	1.2	.2	.1	.2	.3	.6	.9	.6	.2	.1	.2	.2	.2	BD	22	1.2
24	BD	.1	.2	.2	.1	.1	.1	.3	.7	.5	.5	.4	.3	.3	.3	.5	1.2	.6	.3	.2	.1	.2	.2	BD	22	1.2
25	BD	.4	.3	.3	.3	.2	.2	.3	.2	.8	.9	.7	.5	.4	.8	.8	.5	.3	.3	.2	.1	.1	.1	BD	22	.9
26	BD	.2	.1	.1	.1	.1	.0	.1	.3	.7	.8	.6	.5	.4	.3	.2	.2	.2	.2	.1	.1	.2	.2	BD	22	.8
27	BD	.2	.2	.2	.1	.1	.3	.5	.7	.7	.4	.4	.5	.4	.3	.3	.3	.3	.2	.3	.2	.2	.2	BD	22	.7
28	BD	.2	.1	.1	.1	.1	.3	.2	.1	.7	.8	1.1	1.0	.6	.5	.4	.3	.3	.2	.2	.2	.2	.2	BD	22	1.1
29	BD	.2	.2	.2	.2	.1	.1	.1	.2	.2	.3	.4	.2	.3	.4	.3	.2	.2	.4	.2	.1	.1	BD	BD	21	.4
30	.3	.3	.1	.1	.3	.3	.4	.5	.6	.7	.8	.7	.7	.6	.6	.5	.5	.4	.3	.3	.2	.2	BD	BD	22	.8
31	.5	1.4	.7	.6	.4	.3	.3	.4	.7	.8	.8	.8	.7	.6	.7	.7	.6	.3	.3	.3	.1	.1	BD	BD	22	1.4
NO.:	2	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	28			
MAX:	.5	1.4	.8	.6	.5	.6	.4	.5	.8	.9	1.2	1.1	1.0	.8	.8	.8	1.2	.8	.7	2.5	2.5	1.8	.3			
AVG:	.40	.25	.17	.11	.09	.07	.09	.15	.24	.40	.45	.37	.32	.29	.29	.31	.29	.21	.18	.28	.21	.15	.11			

MONTHLY OBSERVATIONS: 681 MONTHLY MEAN: .23 MONTHLY MAX: 2.5

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.

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5

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

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: NOVEMBER 2014

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	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.8	.5	.8	1.0	1.2	1.2	.8	.8	.3	.2	BD	BD	22	1.2
2	.1	.1	.1	.1	.0	.0	.0	.0	.3	.7	.4	.2	.3	.3	.5	.5	.4	.2	.2	.2	.3	.1	BD	BD	22	.7
3	.1	.2	.1	.1	.1	.1	.2	.3	.4	.5	.7	.8	1.6	1.2	.9	.4	.7	.5	.3	.3	.3	.3	BD	BD	22	1.6
4	.2	.2	.1	.1	.1	.1	.1	.2	.5	.6	.5	.5	.5	.5	.5	.6	.5	1.7	1.3	.6	.5	.5	BD	BD	22	1.7
5	.7	1.3	1.9	.8	.6	.5	.3	.3	.4	.5	.7	.5	.5	.3	.3	.3	.2	.2	.3	.2	.2	.3	BD	BD	22	1.9
6	.4	.2	.3	.5	.3	.4	.3	.2	.4	.7	.4	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	BD	BD	22	.7
7	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2	.3	.8	.5	.2	.2	.3	.4	.2	.1	.3	.3	.2	BD	BD	22	.8
8	.1	.1	.1	.0	.3	.1	.1	.2	1.3	.9	.6	.4	.4	.4	.6	.6	.4	.3	.4	.3	.3	.3	BD	BD	22	1.3
9	.3	.2	.2	.1	.1	.1	.2	.2	.1	.2	.4	.7	.6	.5	.4	.4	.6	.4	.2	.1	.1	.1	BD	BD	22	.7
10	.3	.2	.2	.1	.2	.2	.2	.4	.2	.4	.5	.6	.6	.5	.4	.4	.4	.4	.2	.2	.3	.2	BD	BD	22	.6
11	.4	.9	1.2	.6	.3	.2	.2	.3	.4	.4	.4	.3	.3	.2	.2	.2	.3	.2	.1	.3	.2	.2	BD	BD	22	1.2
12	.5	.4	.3	.3	.4	.4	.5	.4	.4	.6	.8	.6	.4	.4	.6	.5	.4	.4	.4	.4	.8	2.1	BD	BD	22	2.1
13	.8	.4	.4	.8	.7	.7	.6	.8	.6	.6	.5	.5	.5	.5	.5	.4	.4	.5	.5	.5	.8	.7	BD	BD	22	.8
14	.3	.3	.1	.0	.1	.1	.1	.1	.1	.1	.3	.4	.5	.6	.6	.6	.6	.5	.4	.3	.4	.4	BD	BD	22	.6
15	.3	.2	.3	.3	.3	.4	.4	.4	.6	.8	.7	.6	.5	.5	.5	.5	.6	.6	.6	.4	.3	.3	BD	BD	22	.8
16	.4	.4	.4	.5	.4	.4	.4	.4	.5	.5	.6	.9	.6	.5	.4	.4	.4	.4	.3	.3	.2	.2	BD	BD	22	.9
17	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.1	.1	.0	.0	.0	BD	BD	22	.2
18	.1	.1	.1	.0	.0	.0	.1	.2	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.1	.1	.1	.1	BD	BD	22	.3
19	.1	.1	.0	.1	.1	.2	.1	.3	.3	.4	.4	1.1	1.2	.7	.5	.5	.5	.6	.8	.7	.6	.4	BD	BD	22	1.2
20	.4	1.1	1.7	1.4	.8	.4	.2	.4	.7	.9	1.0	1.0	.8	.8	.7	.7	.7	.6	.5	.6	.6	.6	BD	BD	22	1.7
21	1.1	.9	.3	.2	.1	.2	.2	.3	1.5	1.8	1.5	.7	.7	.8	.8	.7	.7	.6	.7	.8	.8	.7	BD	BD	22	1.8
22	.6	.3	.2	.2	.1	.1	.1	.2	.7	.9	.8	.8	.8	.7	.7	.6	.6	.5	.5	.5	.6	.6	BD	BD	22	.9
23	.7	.6	.6	.5	.5	.3	.2	.2	.5	.6	.4	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	BD	BD	22	.7
24	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.3	.3	.1	.2	.2	BD	BD	22	.3
25	.2	.1	.1	.0	.0	.0	.0	.0	.2	.3	.2	.2	.5	.5	.5	.6	.6	.5	.6	.5	.4	.2	BD	BD	22	.6
26	.2	.8	.4	.2	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.5	.1	.1	.0	.2	.2	.1	.1	BD	BD	22	.8
27	.2	.1	.2	.1	.1	.1	.0	.1	.2	.2	.2	.2	.2	.3	.5	.7	.6	.8	.6	.3	.2	.2	BD	BD	22	.8
28	.4	.3	.2	.1	.1	.2	.2	.3	.9	.4	.3	.3	.3	.5	.5	.4	.5	.5	.4	.3	.3	.3	BD	BD	22	.9
29	.3	.3	.3	.3	.2	.2	.1	.1	.5	.5	.5	.5	.4	.4	.4	.9	1.2	.9	.7	.7	.5	.6	BD	BD	22	1.2
30	.4	.4	.4	.3	.2	.2	.2	.2	.3	.4	.4	.4	.3	.2	.1	.1	.1	.1	.1	.1	.2	.2	BD	BD	22	.4
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30				
MAX:	1.1	1.3	1.9	1.4	.8	.7	.6	.8	1.5	1.8	1.5	1.1	1.6	1.2	.9	1.0	1.2	1.7	1.3	.8	.8	2.1				
AVG:	.34	.35	.35	.26	.21	.19	.17	.22	.42	.48	.46	.47	.49	.43	.44	.43	.45	.45	.39	.34	.33	.35				

MONTHLY OBSERVATIONS: 660 MONTHLY MEAN: .37 MONTHLY MAX: 2.1

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.

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5

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

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 2014

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

DAY	HOUR 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	.1	.2	.2	.1	.1	.2	.3	.4	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	BD	BD	22	.4
2	.1	.1	.1	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.0	.1	BD	BD	22	.2
3	.2	.1	.1	.1	.1	.1	.1	.1	AZ	AZ	.3	.2	.2	.1	.2	.2	.1	.1	.1	.1	.1	.1	BD	BD	20	.3
4	.4	.3	.2	.4	.9	.5	.3	.2	.3	.3	.3	.3	.3	.3	.3	.2	.2	.1	.1	.1	.1	.1	BD	BD	22	.9
5	.4	.4	.4	.3	.3	.4	.4	.4	.6	.7	.8	.9	.5	.4	.4	.4	.5	.5	.6	.4	.3	.2	BD	BD	22	.9
6	.4	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.3	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	BD	BD	22	.4
7	.4	.3	.2	.2	.3	.3	.3	.3	.3	.4	.4	.5	.5	.5	.5	.5	.5	.4	.4	.3	.2	.2	BD	BD	22	.5
8	.6	.5	.8	.7	.5	.4	.4	.4	.3	.3	.3	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.0	BD	BD	22	.8
9	.1	.1	.0	.0	.1	.0	.1	.1	.2	1.5	.4	.3	.2	.2	.2	.2	.2	.2	.5	1.0	.3	.5	BD	BD	22	1.5
10	.5	.3	.2	.2	.2	.2	.2	.2	.3	.3	.3	.2	.2	.3	.3	.4	.2	.3	.1	.1	.7	.3	BD	BD	22	.7
11	.3	.2	.2	.2	.2	.2	.3	.3	.4	.4	.2	.4	.3	.3	.3	.3	.4	.3	.3	.5	.6	.5	BD	BD	22	.6
12	.5	.5	.4	.3	.3	.2	.3	.4	.6	.5	.3	.2	.5	.2	.2	.2	.2	.2	.3	.3	.2	.2	BD	BD	22	.6
13	.4	.3	.3	.3	.3	.4	.4	.6	.7	.6	.7	.3	.2	.8	2.0	.3	.2	.1	.2	.2	.7	.9	BD	BD	22	2.0
14	.6	.5	.4	.6	.4	.6	.4	.4	.6	.9	.9	1.0	.9	.8	.8	.7	.8	.6	.7	.9	.6	.6	BD	BD	22	1.0
15	.2	.2	.2	.2	.2	.1	.1	.3	.3	.7	1.2	1.2	1.1	1.0	1.2	1.8	1.6	1.2	1.0	.6	.7	.5	BD	BD	22	1.8
16	.6	.5	.5	.4	.4	.5	.4	.3	.2	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.3	.2	.1	BD	BD	22	.6
17	.2	.1	.1	.1	.1	.1	.2	.3	.3	.3	.4	.2	.2	.2	.2	.2	.3	.2	.3	.3	.3	.4	BD	BD	22	.4
18	.8	.6	.5	.5	.4	.3	.4	.4	.4	.4	.3	.3	.3	.4	.3	.3	.3	.3	.4	.4	.4	.5	BD	BD	22	.8
19	1.5	.9	.8	.5	.4	1.8	1.5	.7	.8	1.1	1.4	1.1	1.0	.9	.8	.7	.9	.8	.7	.8	.8	.6	BD	BD	22	1.8
20	.4	.3	.4	.4	.4	.4	.4	.4	.6	1.2	1.1	.8	.6	.5	.5	.5	.4	.4	.4	.4	.4	.3	BD	BD	22	1.2
21	.4	.3	.3	.2	.2	.2	.2	.2	.2	.3	.4	.4	.3	.3	.4	2.9	2.5	.5	.5	.5	.5	.4	BD	BD	22	2.9
22	.4	.4	.2	.2	.1	.1	.1	.1	.1	.2	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	BD	BD	22	.4
23	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.2	.0	BD	BD	22	.2
24	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2	.2	.2	.2	.1	.1	.0	BD	BD	22	.2
25	.2	.1	.1	.0	.0	.0	.0	.0	.1	.2	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.2	.1	BD	BD	22	.2
26	.4	.2	.3	.3	.3	.3	.3	.4	.3	.6	2.2	1.5	.5	.3	.3	.2	.2	.2	.2	.2	.3	.5	BD	BD	22	2.2
27	.4	.4	.5	.4	.4	.3	.4	.4	.3	.2	.3	.6	.6	.5	.3	.3	.3	.2	.7	.8	.7	.6	BD	BD	22	.8
28	.5	.4	.3	.2	.2	.1	.0	.1	.1	.1	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.0	BD	BD	22	.5
29	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	BD	BD	22	.2
30	.2	.4	.3	.2	.2	.2	.1	.1	.1	.2	.3	.3	.3	.3	.4	.5	.6	.6	.6	.5	.2	.2	BD	BD	22	.6
31	.3	.3	.3	.3	.3	.2	.2	.2	.2	.4	.6	.6	.6	.5	.4	.5	.5	.4	.2	.2	.3	.4	BD	BD	22	.6
NO.:	31	31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31	31	31	31				
MAX:	1.5	.9	.8	.7	.9	1.8	1.5	.7	.8	1.5	2.2	1.5	1.1	1.0	2.0	2.9	2.5	1.2	1.0	1.0	.8	.9				
AVG:	.39	.30	.28	.25	.25	.27	.26	.25	.30	.44	.47	.43	.35	.34	.36	.41	.39	.27	.30	.31	.31	.28				

MONTHLY OBSERVATIONS: 680 MONTHLY MEAN: .33 MONTHLY MAX: 2.9

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.

(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: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JANUARY 2014

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

DAY	HOUR 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	.3	.2	.1	.0	.1	.1	.1	.1	.1	.3	.3	.5	.6	.5	.4	.3	.3	.2	.1	.2	.1	.0	.0	23	.6
2	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.1	.2	.1	.1	.0	.0	.1	.0	.1	23	.2
3	BF	.1	.0	.0	.1	.1	.4	.8	1.3	1.4	1.3	1.3	1.1	.7	.6	.5	.5	.3	.2	.2	.1	.1	.1	.1	23	1.4
4	BF	.1	.1	.1	.1	.1	.1	.3	.5	.7	.9	1.0	1.0	.9	.8	.5	.4	.2	.2	.1	.1	.0	.1	.0	23	1.0
5	BF	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
6	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.2	.1	.1	.1	23	.3
7	BF	.2	.2	.3	.4	.4	.5	.6	.6	.4	.5	.5	.5	.6	.6	.6	.6	.5	.4	.5	.4	.2	.2	.2	23	.6
8	BF	.2	.1	.3	.3	.3	.4	.2	.1	.7	.8	.7	.5	.6	.6	.6	.5	.3	.2	.3	.2	.2	.3	.2	23	.8
9	BF	.3	.2	.3	.3	.6	.6	.5	.9	.9	1.0	.9	.9	.8	.9	.9	.7	.7	.6	1.0	1.0	.9	.8	.5	23	1.0
10	BF	.4	.3	.2	.4	.3	.1	.7	.5	1.0	.7	.4	.4	.3	.3	.1	.1	.1	.1	.1	.1	.1	.0	.1	23	1.0
11	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
12	BF	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.5	.5	.7	.5	.3	.1	.0	.1	.1	.2	.2	.0	23	.7
13	BF	.2	.1	.2	.3	.3	.6	.7	.4	.6	.7	.8	.6	.4	.3	.2	.1	.1	.0	.1	.1	.1	.1	.1	23	.8
14	BF	.1	.1	.1	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	23	.1
15	BF	.1	.0	.1	.0	.0	.1	.0	.0	.1	.1	.1	.5	.3	.3	.3	.3	.2	.2	.1	.1	.1	.1	.0	23	.5
16	BF	.1	.1	.0	.0	.0	.0	.1	.1	.1	.2	.2	.2	.2	.2	.2	.3	.2	.2	.2	.2	.3	.2	.3	23	.3
17	BF	.3	.2	.2	.2	.2	.4	.3	.2	.4	.4	.4	.9	1.3	1.2	1.1	.7	.4	.3	.4	.4	.4	.3	.2	23	1.3
18	BF	.3	.1	.3	.6	.2	.1	.1	.2	.2	.4	.6	.4	.3	.5	.6	.4	.2	.2	.2	.2	.3	.1	.1	23	.6
19	BF	.3	.1	.2	.2	.1	.1	.1	.3	.9	1.1	1.1	1.2	1.3	1.3	1.2	.9	.7	.4	.3	.3	.2	.1	.3	23	1.3
20	BF	.3	.2	.1	.2	.2	.2	.3	.6	.8	.8	.5	.4	.5	.6	.9	1.1	.7	.4	.2	.2	.2	.2	.1	23	1.1
21	BF	.2	.1	.2	.1	.1	.3	.5	.3	1.3	1.7	1.9	2.6	2.0	2.4	2.0	1.2	.5	.2	.1	.4	.4	.2	.2	23	2.6
22	BF	.2	.2	.3	.3	.3	.1	.3	.3	.5	.7	1.5	2.0	1.8	1.7	2.3	2.4	1.7	1.3	.7	.4	.4	.4	.3	23	2.4
23	BF	.3	.3	.5	1.0	.7	.3	.5	.3	1.0	1.2	2.1	2.0	1.6	1.3	1.2	.9	.9	.7	.6	.6	.5	.5	.4	23	2.1
24	BF	.6	.7	.8	.9	1.2	1.9	2.3	2.9	2.4	2.1	1.8	2.3	2.3	BA	2.0	2.0	1.8	1.1	.5	.2	.2	.2	.2	22	2.9
25	BF	.3	.2	.3	.3	.2	.2	.3	.2	1.4	1.3	1.0	1.1	1.2	1.4	1.7	1.4	.9	.7	.5	.5	.8	.7	.4	23	1.7
26	BF	.3	.3	.4	.5	.3	.3	.3	.9	1.6	1.5	1.9	1.2	1.6	1.1	.8	.9	.8	.5	.3	.3	.2	.2	.1	23	1.9
27	BF	.3	.4	.3	.4	.7	.9	1.0	1.6	2.0	1.7	1.4	1.3	1.6	1.7	1.9	1.7	1.2	.5	.3	.3	.1	.1	.2	23	2.0
28	BF	.2	.2	.3	.2	.4	.6	.7	.8	1.3	1.3	1.4	1.2	.6	.4	.3	.1	.2	.1	.2	.2	.1	.2	.2	23	1.4
29	BF	.3	.2	.2	.2	.3	.4	.3	.4	.3	.6	.7	.8	.8	.6	.7	.6	.7	.6	.6	.5	.6	.7	.7	23	.8
30	BF	.7	.5	.7	.7	.8	.9	1.0	1.2	1.4	1.6	1.8	1.9	1.9	1.7	1.5	1.1	.6	.7	.7	.8	.6	.5	.5	23	1.9
31	BF	.4	.3	.3	.4	.4	.3	.4	.5	1.1	1.7	2.7	1.9	1.5	1.1	1.0	.8	.7	.5	.8	.6	.8	.7	.8	23	2.7
NO.:		31	31	31	31	31	31	31	31	31	31	31	31	31	30	31	31	31	31	31	31	31	31	31		
MAX:		.7	.7	.8	1.0	1.2	1.9	2.3	2.9	2.4	2.1	2.7	2.6	2.3	2.4	2.3	2.4	1.8	1.3	1.0	1.0	.9	.8	.8		
AVG:		.24	.17	.22	.26	.27	.32	.40	.49	.74	.81	.88	.91	.85	.76	.78	.66	.49	.35	.31	.28	.27	.24	.21		

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .47 MONTHLY MAX: 2.9

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.

(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: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: FEBRUARY 2014

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

DAY	HOUR 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	.4	.4	.3	.4	.5	.4	.3	.3	.4	.9	1.0	.8	.7	.8	.6	.4	.4	.4	.3	.3	.2	.3	.3	23	1.0
2	BF	.2	.3	.2	.2	.2	.2	.3	.2	.2	.3	.4	.7	.9	1.0	.9	1.0	.7	.3	.2	.2	.2	.1	.1	23	1.0
3	BF	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.1	.1	.2	.2	.2	.3	.3	.2	.1	.1	.0	.1	.2	23	.3
4	BF	.1	.1	.1	.1	.1	.0	.1	.1	.2	.1	.1	.1	.1	.1	.2	.2	.1	.2	.1	.1	.1	.2	.1	23	.2
5	BF	.2	.2	.2	.1	.1	.2	.3	.4	.3	.1	.1	.1	.1	.2	.3	.2	.1	.1	.1	.1	.3	.1	.2	23	.4
6	BF	.1	.2	.1	.1	.1	.1	.2	.7	.8	.8	.8	.9	1.1	1.1	.9	.9	.7	.7	.6	.6	.8	.7	.5	23	1.1
7	BF	.2	.2	.3	.1	.2	.3	.1	.2	.3	.4	.6	.6	.7	.6	.6	.5	.5	.4	.3	.2	.2	.2	.1	23	.7
8	BF	.3	.2	.1	.2	.2	.2	.4	.4	.3	.2	.2	.3	.1	.3	.7	.6	.4	.3	.3	.3	.3	.3	.2	23	.7
9	BF	.3	.3	.3	.3	.2	.3	.2	.2	.2	.6	1.1	.9	.7	.7	.8	.8	.3	.3	.2	.2	.2	.3	.2	23	1.1
10	BF	.2	.2	.2	.2	.3	.2	.2	.2	.2	.3	.4	.4	.4	.4	.5	.4	.3	.3	.2	.6	1.0	1.4	1.3	23	1.4
11	BF	.5	.3	.2	.3	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.2	.3	.3	.3	.3	.4	.5	.5	23	.5
12	BF	.7	.9	1.0	1.0	1.0	1.0	.9	.9	.8	.8	.8	.5	.6	.4	.4	.4	.4	.3	AV	.3	.2	AV	.1	21	1.0
13	BF	.1	.2	.1	.2	.1	.2	.2	.2	.3	.2	.2	.2	.2	BA	.1	.1	.1	.1	.2	AV	.0	.2	.1	21	.3
14	BF	.1	.2	.1	.1	.1	.2	.3	.3	.6	1.0	1.0	1.0	.9	.8	.8	1.0	.7	.5	.4	.4	.4	.5	.5	23	1.0
15	BF	.4	.3	.5	.5	.3	.2	.2	.1	.1	.2	.3	.4	.6	1.7	2.1	1.3	.6	.4	.5	.4	.5	.4	.7	23	2.1
16	BF	.2	.1	.1	.1	.2	.2	.3	.5	1.0	1.1	1.0	1.0	.7	.5	.8	1.0	.6	.5	.2	.3	.2	.1	.1	23	1.1
17	BF	.2	.2	.2	.1	.1	.2	.2	.3	1.0	1.6	1.7	1.8	1.8	1.9	1.8	1.6	1.1	1.1	1.1	1.0	1.1	1.0	.7	23	1.9
18	BF	.3	.3	.5	.3	.3	.3	.5	.9	1.4	1.6	1.8	1.6	1.2	1.0	.8	.6	.5	.4	.3	.3	.3	.2	.3	23	1.8
19	BF	.2	.1	.2	.2	.2	.2	.1	.3	.9	1.0	.8	.6	.6	.6	.5	.6	.5	.4	.5	.5	.5	.3	.4	23	1.0
20	BF	.2	.1	.1	.2	.3	.3	.4	.8	1.1	2.3	1.9	1.5	1.2	.6	.5	.4	.3	.2	.1	.1	.1	.1	.1	23	2.3
21	BF	.0	.1	.1	.4	.4	.3	.6	1.0	.7	.4	.2	.2	.1	.1	.0	.1	.0	.1	.0	.0	.0	.0	.1	23	1.0
22	BF	.1	.0	.0	.0	.1	.0	.0	.1	.5	.4	.4	.4	.3	.3	.5	.6	.4	.3	.3	.3	.3	.5	.4	23	.6
23	BF	.5	.4	.4	.5	.5	.5	.4	.5	.6	.9	1.1	.9	.8	.7	.9	1.2	.9	.6	.5	.4	.5	.6	.3	23	1.2
24	BF	.4	.3	.4	.4	.3	.3	.4	.7	1.0	1.3	1.3	1.1	1.1	1.1	1.2	1.4	1.2	.9	.4	.6	.6	.5	.4	23	1.4
25	BF	.4	.3	.2	.3	.3	.4	.4	.9	1.5	1.7	1.7	1.2	1.1	1.1	1.0	1.0	.9	1.0	.6	.5	.5	.5	.4	23	1.7
26	BF	.3	.3	.4	.5	.4	.4	.5	.8	.5	.4	.4	.4	.4	.3	.3	.3	.3	.3	.4	.2	.3	.2	.3	23	.8
27	BF	.3	.3	.3	.3	.3	.4	.5	.5	.7	1.3	1.7	1.7	1.5	1.3	1.2	1.2	1.0	.5	.5	.4	.3	.4	.3	23	1.7
28	BF	.2	.2	.5	.6	.4	.5	.4	.8	1.4	1.7	1.5	1.4	1.3	1.2	1.2	1.1	.9	1.0	1.1	1.1	1.0	1.0	.9	23	1.7
29																									0	
30																									0	
31																									0	
NO.:		28	28	28	28	28	28	28	28	28	28	28	28	28	27	28	28	28	28	27	27	28	27	28		
MAX:		.7	.9	1.0	1.0	1.0	1.0	.9	1.0	1.5	2.3	1.9	1.8	1.8	1.9	2.1	1.6	1.2	1.1	1.1	1.1	1.1	1.4	1.3		
AVG:		.26	.25	.26	.28	.27	.28	.31	.45	.62	.79	.81	.75	.70	.71	.71	.69	.52	.43	.36	.36	.38	.40	.35		

MONTHLY OBSERVATIONS: 640 MONTHLY MEAN: .48 MONTHLY MAX: 2.3

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.

(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: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MARCH 2014

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

DAY	HOUR 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	.7	.6	.5	.4	.4	.3	.4	.5	.6	.8	1.0	.8	.8	.9	.9	1.0	1.0	.7	.5	.5	.5	.5	.4	23	1.0
2	BF	.4	.4	.4	.4	.3	.4	.5	.7	2.1	1.0	.9	.8	1.0	.8	1.2	1.0	.7	.6	.6	.4	.4	.4	.4	23	2.1
3	BF	.5	.5	.5	.5	.5	.6	.5	.7	1.1	1.3	1.1	.9	.9	.6	.4	.2	.3	.3	.3	.4	.3	.4	.4	23	1.3
4	BF	.3	.2	.3	.3	.2	.3	.3	.4	.5	.5	.6	.7	.6	.6	.6	.5	.5	.5	.5	.4	.4	.5	.4	23	.7
5	BF	.3	.3	.4	.5	.4	.5	.4	.4	.5	.6	.4	.4	.4	.4	.3	.3	.3	.3	.3	.2	.4	.3	.3	23	.6
6	BF	.3	.2	.3	.4	.3	.5	.7	1.3	1.4	1.0	.6	.5	.5	.4	.3	.3	.3	.2	.3	.2	.3	.2	.2	23	1.4
7	BF	.2	.1	.2	.2	.2	.2	.1	.2	.2	.2	.2	.3	.2	BA	.1	.1	.2	.2	.1	.1	.1	.1	.1	22	.3
8	BF	.1	.2	.1	.2	.1	.2	.2	.6	.9	.9	.9	1.1	.9	.8	.8	.6	.5	.4	.4	.3	.2	.3	.2	23	1.1
9	BF	.3	.2	.2	.1	.2	.2	.3	.6	1.2	1.4	1.1	1.0	.9	.9	1.0	.9	.7	.6	.6	.4	.2	.2	.3	23	1.4
10	BF	.2	.2	.2	.3	.3	.7	.5	.2	1.7	1.8	1.0	.6	.6	.5	.4	.6	.6	.7	.6	.4	.3	.2	.1	23	1.8
11	BF	.2	.2	.2	.1	.2	.2	.2	.5	.9	.9	.6	.5	1.0	1.2	.6	.6	.9	.8	.5	.5	.3	.5	.5	23	1.2
12	BF	.6	.6	.6	.7	.6	.7	.7	.7	.6	.6	.9	.5	.5	.4	.2	.2	.2	.1	.1	.1	.1	.2	.2	23	.9
13	BF	.2	.1	.1	.2	.2	.3	.4	.4	.4	.3	.5	.4	.3	.5	.5	.5	.5	.5	.3	.4	.3	.4	.5	23	.5
14	BF	.4	.4	.4	.4	.6	1.2	.8	.5	.5	.8	.8	.8	1.0	.6	.6	.7	.6	.5	.5	.4	.4	.4	.4	23	1.2
15	BF	.4	.4	.5	.4	.4	.4	.3	.5	1.0	1.2	1.1	.9	.9	.8	.8	.9	.9	.6	.6	.4	.3	.4	.4	23	1.2
16	BF	.3	.3	.3	.2	.3	.3	.2	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3	.2	.1	.1	.2	.2	.2	23	.3
17	BF	.3	.2	.1	.1	.1	.2	.2	.2	.1	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	23	.3
18	BF	2.2	1.1	.8	.4	.2	.3	.2	.3	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	8	2.2
19	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	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	
21	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	.6	.6	.7	.5	.5	.5	.5	.8	.8	.8	1.0	.6	.7	.6	14	1.0
22	BF	1.0	.5	.5	.5	.6	.6	1.2	1.5	.9	.7	.7	.7	.8	.7	.6	.6	.6	.6	.5	.5	.6	.5	.5	23	1.5
23	BF	1.0	.6	.6	.4	.5	.4	.4	.7	.5	.7	.8	.6	.6	.6	.6	1.0	1.0	.7	.6	.5	.6	.5	.4	23	1.0
24	BF	.7	.5	.4	.3	.4	.3	.5	.9	1.0	1.0	1.1	1.2	1.2	1.2	1.3	1.3	1.1	1.1	1.0	1.1	1.5	1.4	1.1	23	1.5
25	BF	.8	.5	.5	.5	.4	.4	.4	.4	.4	.5	.4	.4	.4	.5	.3	.3	.3	.3	.3	.4	.6	.8	.9	23	.9
26	BF	1.0	.8	.8	.8	.7	.7	.6	.8	.7	.6	.8	.8	.6	.6	.6	.6	.6	.6	.6	.6	.5	.5	.6	23	1.0
27	BF	.7	.7	.8	.7	1.0	.6	.5	1.3	1.4	1.1	1.0	.8	.8	1.0	.9	.8	.8	.7	.6	.6	.5	.4	.6	23	1.4
28	BF	.7	.6	1.2	1.0	1.0	.7	.6	.7	.6	.5	.7	.6	.8	.7	.5	BA	.5	.5	.7	.5	.5	.5	.5	22	1.2
29	BF	.8	1.1	1.8	1.8	.5	.4	.6	.4	.5	.6	.3	.2	.3	.5	.3	.3	.3	.3	.3	.4	.3	.4	.4	23	1.8
30	BF	.7	.3	.4	.4	.5	.5	1.0	1.0	.8	.6	.6	.6	.5	.5	.5	.4	.4	.3	.2	.3	.4	.5	.5	23	1.0
31	BF	.7	.5	.6	.6	.7	.9	.9	.9	.9	.8	.8	.7	.7	.7	.8	.8	.6	.7	.6	.5	.5	.5	.4	23	.9
NO.:		28	28	28	28	28	28	28	28	27	28	28	28	28	27	28	27	28	28	28	28	28	28	28		
MAX:		2.2	1.1	1.8	1.8	1.0	1.2	1.2	1.5	2.1	1.8	1.1	1.2	1.2	1.2	1.3	1.3	1.1	1.1	1.0	1.1	1.5	1.4	1.1		
AVG:		.57	.44	.49	.46	.42	.46	.49	.63	.80	.77	.71	.64	.65	.64	.57	.57	.56	.50	.45	.42	.41	.43	.41		

MONTHLY OBSERVATIONS: 641 MONTHLY MEAN: .54 MONTHLY MAX: 2.2

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.

(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: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: APRIL 2014

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

DAY	HOUR 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	.6	.6	.5	.7	.7	.8	1.0	1.1	1.2	1.2	1.1	1.1	.9	1.2	1.3	1.8	1.3	1.0	.8	.7	.5	.5	.6	23	1.8
2	BF	1.2	1.1	.9	.9	.9	1.2	1.8	1.8	1.6	1.5	1.3	1.1	1.1	1.2	1.3	1.3	1.5	.9	1.0	1.0	1.1	1.2	1.0	23	1.8
3	BF	.9	1.2	1.1	1.3	1.8	1.5	1.5	1.4	1.1	1.0	.8	.9	1.0	1.1	1.2	1.4	1.1	.9	.9	.8	.8	.7	.5	23	1.8
4	BF	.6	.4	.5	.7	.9	.9	.9	.9	.8	1.0	1.0	1.1	1.1	1.1	1.0	1.0	1.0	.9	.9	.7	.6	.6	.6	23	1.1
5	BF	1.0	.9	.9	.8	.8	.8	.8	.8	.7	.7	.7	.5	.6	.8	.8	.4	.5	.7	.7	.5	.7	.8	.8	23	1.0
6	BF	.9	.7	.6	.6	.7	.5	.5	.6	.6	.7	.9	.9	.7	.8	.7	.6	.5	.7	.6	.5	.6	.5	.4	23	.9
7	BF	.5	.5	.5	.4	.4	.4	.4	1.1	1.1	.5	.8	.5	.5	.4	.7	.8	.6	.5	.5	.4	.3	.3	.2	23	1.1
8	BF	.4	.5	.3	.3	.2	.2	.2	.2	.3	.2	.3	.2	.3	.2	.3	.3	.2	.3	.2	.6	.6	.3	.3	23	.6
9	BF	.3	.2	.2	.3	.5	.6	.4	.6	.8	1.0	.9	.9	.6	.6	.9	1.0	.9	.9	.5	.6	.4	.4	.4	23	1.0
10	BF	.4	.3	.4	.4	.6	.8	.5	.8	1.0	.7	.9	1.2	1.3	.9	1.0	1.1	.7	.6	.6	.5	.6	.5	.4	23	1.3
11	BF	.5	.4	.3	.4	.4	.5	.5	.7	.7	.6	.7	.7	.7	.7	.6	.4	.5	.4	.4	.4	.4	.4	.4	23	.7
12	BF	.8	.6	.6	.6	.8	.7	.8	1.2	1.1	1.1	.9	1.1	1.1	1.2	1.1	.8	.9	1.1	.9	.7	.6	.7	.7	23	1.2
13	BF	.8	.7	.7	.6	.7	.7	.7	1.0	.8	.7	1.1	.7	.7	.5	.6	.7	.7	.6	.7	.7	.7	.6	.6	23	1.1
14	BF	.7	.6	.6	.5	.6	.6	.6	.5	.7	.8	.9	.8	1.0	1.0	1.0	.9	.8	.7	.5	.6	.7	.7	.5	23	1.0
15	BF	.7	.6	.5	.6	.5	.5	.6	.6	.7	.8	.7	.6	1.3	1.4	.8	2.0	1.2	.5	.5	.3	.3	.4	.9	23	2.0
16	BF	1.0	.6	.6	.5	.5	.5	.6	.8	1.0	.9	.9	1.1	BA	1.1	1.1	1.1	1.2	1.2	1.0	.8	.8	.7	.8	22	1.2
17	BF	.9	.8	.7	.7	.7	.7	.9	.8	1.0	.8	.8	.7	.8	.7	.8	1.0	.8	.6	.7	.8	.9	1.3	.8	23	1.3
18	BF	.8	.7	.7	.6	.6	.6	.7	.7	.7	.7	.7	.8	.8	.7	.7	.7	.8	.7	.7	.7	.7	.7	.6	23	.8
19	BF	.7	.5	.6	.6	.7	.6	.7	.6	.7	.5	.6	.6	.7	.7	.6	.6	.6	.6	.6	.6	.5	.6	.6	23	.7
20	BF	.6	.4	.3	.4	.4	.6	.5	.6	.4	.4	.4	.4	.3	.4	.4	.4	.4	.4	.3	.4	.4	.5	.5	23	.6
21	BF	.5	.4	.6	.8	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.7	.5	.4	.5	.5	.5	23	.8
22	BF	.7	.4	.1	.5	.0	.0	.0	.4	.0	.6	1.0	.1	.6	1.1	1.0	1.2	1.2	1.1	.9	.8	.7	.7	.5	23	1.2
23	BF	.5	.4	.4	.4	.4	.5	.8	1.0	AZ	AZ	AZ	1.1	1.1	1.0	1.1	1.1	1.0	.7	.7	.5	.5	.5	.6	20	1.1
24	BF	.6	.5	.4	.4	.5	.7	.7	.6	.7	.7	.8	.9	1.0	.9	.8	.8	.7	.6	.7	.6	.6	.5	.5	23	1.0
25	BF	.6	.5	.5	.5	.4	.4	.6	.5	.6	.7	1.4	.9	1.0	.6	.6	.9	.5	.5	.4	.5	.6	.4	.5	23	1.4
26	BF	.5	.4	.3	.5	.5	.6	.6	.5	.6	.6	.5	.5	.5	.5	.5	.6	.7	.5	.5	.5	.5	.5	.3	23	.7
27	BF	.5	.4	.5	.4	.4	.4	.5	.7	.7	.7	.9	1.0	.8	.6	.9	.8	.7	.7	.7	.7	.6	.6	.5	23	1.0
28	BF	.4	.4	.5	.4	.5	.4	.4	2.1	2.5	1.3	.6	.6	.5	.4	.4	.4	.4	.5	.9	1.8	2.9	.5	.5	23	2.9
29	BF	.5	.4	.4	.4	.4	.4	.5	.5	.5	.4	.4	.6	1.3	.8	.5	.5	.6	.6	.7	.8	.6	.4	1.1	23	1.3
30	BF	.4	.4	.6	.7	1.4	.7	.5	.5	.5	.4	.3	.5	.4	.3	.3	.8	.6	.5	.8	.3	.3	.2	.2	23	1.4
31																									0	
NO.:		30	30	30	30	30	30	30	30	29	29	29	30	29	30	30	30	30	30	30	30	30	30	30		
MAX:		1.2	1.2	1.1	1.3	1.8	1.5	1.8	2.1	2.5	1.5	1.4	1.2	1.3	1.4	1.3	2.0	1.5	1.2	1.0	1.8	2.9	1.3	1.1		
AVG:		.65	.55	.53	.56	.62	.61	.64	.79	.80	.73	.77	.74	.78	.76	.77	.85	.77	.69	.66	.64	.67	.57	.56		

MONTHLY OBSERVATIONS: 686 MONTHLY MEAN: .68 MONTHLY MAX: 2.9

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.

(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: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MAY 2014

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

DAY	HOUR 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	.3	.2	.1	.2	.1	.2	.3	.3	.3	.3	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	10	.3
2	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	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	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	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BC	BC	.3	.2	.2	.1	.2	.1	.1	.0	.1	.2	10	.3
6	BF	.1	.0	.0	.0	.0	.2	.4	.6	.8	1.4	.4	.4	.4	.5	.6	.5	.2	.3	.1	.0	.1	.0	.0	23	1.4
7	BF	.0	.0	.0	.0	.0	.0	.0	.3	.5	.6	.5	.3	.3	.3	.5	.5	.5	.2	.0	.0	.0	.0	.0	23	.6
8	BF	.0	.0	.0	.0	.0	.0	.3	.6	.5	.4	.3	.3	.3	.2	.2	.3	.2	.0	.0	.0	.0	.0	.0	23	.6
9	BF	.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
10	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
11	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
12	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	23	.7
13	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
14	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
15	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
16	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
17	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
18	BF	.0	.0	.0	.0	.0	.0	.1	.7	.2	.1	.0	.0	.0	.2	.0	.2	.0	.0	.0	.1	.1	.0	.0	23	.7
19	BF	.0	.0	.0	.0	.0	.0	.4	.7	.1	.1	.1	.2	.0	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	23	.7
20	BF	.0	.0	.0	.1	.2	.0	.0	.5	.9	.5	.2	.1	.1	1.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
21	BF	.0	.0	.0	.0	.0	.0	.3	.7	.8	.4	.4	.4	.4	.3	.4	.4	.3	.2	.0	.0	.0	.0	.0	23	.8
22	BF	.0	.0	.0	.0	.0	.0	.1	.5	1.0	.5	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	23	1.0
23	BF	.0	.0	.0	.0	.2	.6	.4	.6	.2	.1	.0	.0	.0	.2	.9	.9	.2	.2	.0	.0	.0	.0	.0	23	.9
24	BF	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	23	.3
25	BF	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.3	.5	.3	.2	.1	.4	.0	.0	23	.5
26	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
27	BF	.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
28	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
29	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
30	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
31	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
NO.:		27	27	27	27	27	27	27	27	27	27	26	26	26	27	27	27	27	27	27	27	27	27	27		
MAX:		.3	.3	.1	.2	.2	.6	.4	.7	1.0	1.4	.5	.4	.4	1.0	.9	.9	.5	.3	.2	.1	.4	.1	.2		
AVG:		.01	.02	0.00	.01	.02	.04	.09	.21	.20	.17	.08	.07	.06	.12	.17	.14	.08	.05	.01	.01	.02	0.00	.01		

MONTHLY OBSERVATIONS: 618 MONTHLY MEAN: .07 MONTHLY MAX: 1.4

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.

(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: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JUNE 2014

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

DAY	HOUR 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	.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	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
3	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
4	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.5
5	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
6	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
7	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
8	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
9	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
10	BF	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.3	.1	1.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
11	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.1	.1	.0	.0	.0	.0	.0	.0	.1	.4	.1	23	.6
12	BF	.0	.0	.0	.0	.0	.0	.4	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	AV	.0	.0	.0	22	.8
13	BF	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.7
14	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
15	BF	.0	AV	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
16	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0	.0	23	.3
17	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BA	.0	.0	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	22	.3
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	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	23	0.0
20	BF	.0	.0	.0	.0	.0	.0	.0	.1	.4	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.5
21	BF	.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
22	BF	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
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	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	23	0.0
25	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	AV	.0	22	.1
26	BF	.0	.0	.0	.0	.0	.0	.0	.1	.2	.4	.0	.0	.0	.0	.4	.7	.0	.0	.0	.0	.0	.0	.0	23	.7
27	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
28	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
29	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
30	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
31																									0	
NO.:		30	29	30	30	30	30	30	30	30	29	29	28	30	30	30	30	30	30	30	29	30	29	30		
MAX:		0.0	0.0	0.0	0.0	0.0	.2	.4	.8	.7	.5	.5	.6	1.0	.3	.4	.7	0.0	0.0	.3	.1	.1	.4	.1		
AVG:		0.00	0.00	0.00	0.00	0.00	.01	.02	.04	.05	.05	.03	.04	.04	.02	.02	.03	0.00	0.00	.01	0.00	0.00	.01	0.00		

MONTHLY OBSERVATIONS: 683 MONTHLY MEAN: .02 MONTHLY MAX: 1.0

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.

(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: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JULY 2014

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

DAY	HOUR 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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.9	1.2	1.5	.0	.0	.5	2.4	.0	.4	23	2.4
2	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
3	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
4	BF	.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
5	BF	.0	.0	.0	.0	.0	.2	.3	.2	.5	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.5
6	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
7	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
8	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
9	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
10	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
11	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
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	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	23	.5
14	BF	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
15	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
16	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
17	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	11	0.0
18	AE	AE	AE	AE	AE	AE	AE	AE	AE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15	0.0
19	BF	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
20	BF	.0	.0	.0	.0	.0	.0	.0	2.0	.9	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	2.0
21	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
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	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	23	0.0
24	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
25	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
26	BF	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
27	BF	.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
28	BF	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.2
29	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
30	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
31	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
NO.:		30	30	30	30	30	30	30	30	31	31	31	30	29	30	30	30	30	30	30	30	30	30	30		
MAX:		.2	.1	0.0	0.0	.4	.2	.5	2.0	.9	.4	.2	.1	.2	.6	1.0	1.2	1.5	0.0	.1	.5	2.4	0.0	.4		
AVG:		.01	0.00	0.00	0.00	.01	.01	.03	.08	.05	.03	.01	.01	.01	.02	.07	.04	.05	0.00	0.00	.02	.08	0.00	.01		

MONTHLY OBSERVATIONS: 692 MONTHLY MEAN: .02 MONTHLY MAX: 2.4

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.

(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: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: AUGUST 2014

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

DAY	HOUR 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	.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	BF	.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
3	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
4	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
5	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
6	BF	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
7	BF	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
8	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
9	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
10	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
11	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
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	.0	23	0.0
14	BF	.0	.0	.0	.2	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.2	.9	.0	.0	.0	.0	.0	23	.9
15	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	1.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.4
16	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	23	.2
17	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
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	23	0.0
19	BF	.0	.0	.0	.0	.0	.0	.0	.0	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
20	BF	.0	.0	.0	.0	.0	.0	.0	.1	.0	BC	BC	BC	.3	.2	.1	.2	.2	.1	.1	.1	.0	.2	.1	20	.3
21	BF	.3	.2	.2	.2	.1	.2	.1	.1	.1	.1	.4	.5	.4	.2	.2	.2	.2	.2	.1	.1	.2	.1	.1	23	.5
22	BF	.4	.1	.1	.1	.1	.1	.1	.1	.3	.3	.3	.3	.5	.4	.4	.3	.2	.1	.1	.0	.0	.1	.1	23	.5
23	BF	.2	.2	.2	.1	.1	.0	.1	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
24	BF	.3	.1	.0	.0	.0	.0	.2	.2	.1	.1	.1	.0	.1	.1	.3	.2	.0	.0	.0	.1	.1	.1	.1	23	.3
25	BF	.2	.1	.1	.1	.1	.1	.3	.2	.2	.2	.2	.1	.1	.2	.2	.1	.1	.2	.0	.0	.0	.1	.1	23	.3
26	BF	.3	.1	.0	.1	.1	.2	.2	.2	.1	.2	.1	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	23	.3
27	BF	.3	.2	.2	.1	.2	.2	.2	.2	.1	.1	.1	.1	.2	.2	.2	.1	.4	.5	2.7	2.6	.7	.2	.1	23	2.7
28	BF	.2	.3	.2	.2	.3	.2	.3	.6	.7	.5	.6	.6	.7	.8	.7	.7	.5	.3	.3	.2	.2	.1	.2	23	.8
29	BF	.2	.1	.1	.1	.1	.2	.5	.5	.5	.9	.9	.9	.7	.5	.8	.6	.6	.4	.3	.2	.1	.1	.1	23	.9
30	BF	.2	.2	.1	.2	.2	AV	.1	.1	.1	.1	.0	.1	.1	.1	.1	.2	.3	.1	.1	.1	.1	.2	.1	22	.3
31	BF	.2	.1	.1	.1	.1	.2	.1	.1	.3	.3	.2	.2	.1	.1	.2	.1	.2	.1	.1	.1	.1	.1	.2	23	.3
NO.:		31	31	31	31	31	30	31	31	30	30	30	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:		.4	.3	.2	.2	.3	.2	.5	.6	.7	.9	.9	.9	1.4	.8	.8	.7	.6	.9	2.7	2.6	.7	.2	.2		
AVG:		.09	.05	.04	.05	.05	.05	.07	.09	.11	.09	.10	.13	.15	.10	.11	.09	.11	.10	.13	.12	.05	.05	.04		

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: .09 MONTHLY MAX: 2.7

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.

(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: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: SEPTEMBER 2014

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	.4	.1	.2	.1	.2	.1	.1	.1	.3	.3	.3	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	11	.4
2	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	0	
3	AE	AE	AE	AE	AE	AE	AE	AE	.1	.0	.2	.2	.2	.3	.3	.4	.3	.3	.2	.3	.2	.2	.2	.2	16	.4
4	BF	.4	.2	.3	.3	.3	.3	.2	.2	.2	.3	.4	.4	.3	.4	.3	.3	.3	.2	.2	.3	.3	.3	.3	23	.4
5	BF	.5	.3	.3	.3	.2	.3	.2	.2	.1	.2	.3	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	23	.5
6	BF	.4	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.3	.4	.3	.4	.3	.3	.1	.1	.1	.3	.2	.2	23	.4
7	BF	.4	.2	.2	.2	.2	.2	.3	.2	.2	.2	.3	.2	.1	.2	.2	.1	.1	.2	.2	.2	.1	.1	.2	23	.4
8	BF	.4	.2	.2	.2	.2	.2	.1	.2	.1	.1	.2	.3	.3	.2	.2	.2	.2	.2	.1	.1	.2	.2	.2	23	.4
9	BF	.3	.2	.2	.3	.2	.2	.2	.2	.2	.3	.2	.2	.2	.2	.3	.3	.2	.2	.2	.2	.2	.2	.1	23	.3
10	BF	.5	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.5	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.1	23	.5
11	BF	.4	.3	.3	.2	.3	.3	.2	.6	.2	.3	.2	.2	.2	.2	.1	.2	.2	.2	.2	.1	.1	.1	.2	23	.6
12	BF	.3	.2	.1	.1	.2	.1	.1	.1	.2	.2	.2	.3	.2	.2	.1	.2	.2	.2	.1	.1	.2	.1	.1	23	.3
13	BF	.4	.1	.2	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1	.1	.1	.2	.1	.2	.1	.2	.1	.1	23	.4
14	BF	.2	.1	.1	.2	.1	.2	.2	.3	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	23	.4
15	BF	.5	.3	.2	.3	.3	.2	.3	.3	.3	.4	.4	.4	.5	.6	.5	.5	.3	.3	.2	.3	.7	.6	.4	23	.7
16	BF	.4	.3	.3	.2	.3	.4	.5	.6	.7	BA	BA	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	21	.7
17	BF	.4	.3	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.3	23	.4
18	BF	.4	.3	.3	.2	.2	.2	.3	.3	.2	.2	.3	.3	.3	.3	.2	.3	.3	.3	.3	.2	.2	.2	.1	23	.4
19	BF	.4	.3	.3	.3	.3	.4	.5	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.3	.2	.2	.2	.3	23	.5
20	BF	.4	.3	.2	.2	.3	.3	.5	.5	.5	.5	.4	.3	.2	.2	.2	.1	.2	.2	.2	.2	.1	.1	.2	23	.5
21	BF	.3	.4	.5	.6	.4	.2	.2	.1	.2	.2	.2	.3	.3	.4	.3	.3	.3	.2	.3	.2	.3	.3	.2	23	.6
22	BF	.4	.4	.5	.4	.3	.3	.6	.7	.6	.7	.4	.4	.4	.4	.4	.4	.3	.2	.2	.2	.2	.2	.1	23	.7
23	BF	.3	.2	.3	.2	.2	.2	.2	.2	.3	.3	.3	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	.3	.2	23	.3
24	BF	.3	.2	.3	.3	.2	.2	.2	.2	.3	.4	.4	.2	.3	.3	.3	.6	.4	.4	.3	.2	.2	.1	.2	23	.6
25	BF	.3	.2	.2	.2	.2	.2	.4	.1	.2	.2	.2	.1	.1	.1	.2	.2	.2	.1	.2	.1	.1	.1	.2	23	.4
26	BF	.3	.2	.2	.2	.2	.2	.2	.1	.1	.2	.2	.2	.1	.2	.2	.2	.1	.2	.2	.4	.5	.4	.3	23	.5
27	BF	.4	.2	.2	.4	.4	.3	.3	.4	.3	.3	.3	.4	.4	.3	.2	.2	.2	.2	.2	.2	.3	.2	.2	23	.4
28	BF	.4	.3	.2	.2	.2	.4	.6	.6	.5	.4	.3	.3	.2	.3	.3	.3	.3	.2	.3	.3	.3	.2	.2	23	.6
29	BF	.2	.2	.2	.2	.2	.2	.1	.2	.5	.7	.5	.5	.5	.3	.3	.3	.3	.2	.2	.2	.2	.3	.2	23	.7
30	BF	.3	.2	.2	.2	.3	.2	.2	.3	.4	.3	.3	.3	.1	.2	.2	.2	.3	.4	.2	.3	.2	.2	.2	23	.4
31																									0	
NO.:		28	28	28	28	28	28	28	29	29	28	28	28	28	28	28	28	28	28	28	28	28	28	28		
MAX:		.5	.4	.5	.6	.4	.4	.6	.7	.7	.7	.5	.5	.5	.6	.5	.6	.4	.4	.3	.4	.7	.6	.4		
AVG:		.37	.24	.25	.24	.24	.23	.26	.27	.28	.30	.29	.29	.25	.26	.24	.25	.24	.21	.21	.20	.23	.21	.20		

MONTHLY OBSERVATIONS: 646 MONTHLY MEAN: .25 MONTHLY MAX: .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.

(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: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: OCTOBER 2014

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

DAY	HOUR 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	.3	.2	.2	.2	.2	.2	.3	.2	.3	.3	.5	.6	.5	.5	.5	.5	.9	.5	.4	.3	.3	.3	.2	23	.9
2	BF	.4	.4	.4	.4	.4	.2	.3	.4	.7	.9	.8	.7	.7	.9	1.6	1.1	.7	.6	.5	.4	.3	.3	.3	23	1.6
3	BF	.5	.3	.3	.3	.4	.4	.3	.4	.5	.4	.5	.5	.4	.3	.4	.4	.4	.3	.3	.3	.3	1.5	1.1	23	1.5
4	BF	.4	.3	.2	.2	.1	.2	.3	.4	.4	.3	.3	.3	.3	.4	.4	.4	.3	.3	.3	.4	.4	1.0	1.5	23	1.5
5	BF	.7	.5	.5	.5	.5	.5	.5	1.0	.7	.8	.8	.6	.9	.7	.6	.6	.5	.5	.4	.5	.5	.4	.5	23	1.0
6	BF	.5	.6	.5	.7	.8	1.0	.8	.8	1.3	1.1	1.7	2.5	1.9	1.8	1.5	.7	.7	.6	.5	.5	.4	.5	.5	23	2.5
7	BF	.5	.5	.5	.5	.7	.7	.7	.6	1.2	1.0	.7	.6	.5	.5	.4	.6	.8	.7	1.5	1.7	.8	.4	.3	23	1.7
8	BF	.4	.3	.3	.4	.4	.3	.3	.5	.5	.5	.5	.5	.4	.5	.5	.6	.5	.4	.3	.3	.3	.2	.2	23	.6
9	BF	.4	.4	.4	.3	.4	.4	.5	.6	.7	.6	.8	1.0	1.0	.9	1.0	.8	.6	.5	.5	.4	.3	.4	.4	23	1.0
10	BF	.4	.4	.5	.4	.4	.6	.5	.7	1.3	1.0	1.0	1.0	1.1	1.0	.9	1.3	.8	.6	1.2	.7	.4	.3	.3	23	1.3
11	BF	.4	.3	.3	.4	.3	.3	.4	.4	.5	.5	.5	.5	.5	.4	.5	.6	.4	.3	.3	.3	.3	.3	.3	23	.6
12	BF	.5	.3	.3	.3	.4	.4	.4	.4	.4	.5	.4	.4	.4	.4	.2	.3	.3	.3	.3	.3	.3	.3	.3	23	.5
13	BF	.3	.3	.3	.2	.3	.2	.3	.4	.3	.3	.3	.3	.3	.3	.3	.2	.2	.3	.3	.3	.3	.2	.3	23	.4
14	BF	.4	.2	.3	.3	.2	.3	.3	.2	.2	.3	.3	BA	.2	.2	.2	.2	.1	.2	.1	.3	.1	.1	.1	22	.4
15	BF	.2	.1	.1	.1	.1	.1	.1	.2	.1	.1	.0	.1	.1	.1	.2	.2	.1	.2	.2	.2	.3	.3	.2	23	.3
16	BF	.3	.2	.3	.3	.4	.3	.3	.5	1.6	1.1	.6	.7	.5	.7	.7	.7	.5	.3	.3	.4	.3	.3	.3	23	1.6
17	BF	.5	.3	.3	.5	.3	.4	.4	.4	.5	.6	.8	.5	.4	.4	.4	.4	.3	.2	.3	.2	.2	.2	.2	23	.8
18	BF	.3	.2	.2	.2	.2	.2	.2	.6	.8	1.0	.9	1.0	.6	.6	.6	.5	.4	.3	.4	.3	.3	.3	.4	23	1.0
19	BF	.9	.4	.3	.4	.3	.3	.4	.8	.7	.6	.5	.5	.7	.7	.6	.8	1.7	.5	.4	.5	.4	.4	.4	23	1.7
20	BF	.5	.6	.6	.7	.8	.9	.6	.6	.7	.7	.8	1.0	.9	.9	.9	.6	.5	.4	.4	.4	.4	.4	.4	23	1.0
21	BF	.4	.4	.5	.5	.6	.5	.5	.5	5.6	2.2	2.0	.6	.5	.6	.5	.7	.5	.4	.3	.3	.3	.3	.3	23	5.6
22	BF	.8	.5	.4	.4	.5	.6	.6	.7	.8	.8	.8	.9	.7	.7	.8	.9	.7	.5	.5	.5	.5	.6	.6	23	.9
23	BF	.6	.6	.6	.6	.6	.7	.8	.9	.8	.8	.7	.7	.7	1.1	.8	.8	.7	.6	.6	.6	.5	.5	.5	23	1.1
24	BF	.5	.6	.6	.5	.6	.6	.5	.7	.8	.9	.9	.9	1.0	.8	.7	.7	.7	.4	.4	.5	.5	.5	.5	23	1.0
25	BF	.5	.5	.4	.5	.6	.6	.6	.6	1.0	1.1	1.1	.9	.8	.9	1.1	.9	.7	.5	.5	.4	.5	.4	.4	23	1.1
26	BF	.5	.6	.5	.6	.5	.6	.7	1.0	1.6	1.8	1.0	.8	.8	.8	.8	.7	.8	.6	.5	.5	.5	.6	.4	23	1.8
27	BF	.6	.8	.8	.8	.7	.7	.6	.7	1.0	.9	.9	.9	.9	.9	.8	.8	.6	.5	.6	.6	.6	.6	.5	23	1.0
28	BF	.6	.7	.8	.9	.8	.9	.9	.8	.8	1.2	1.0	.8	1.0	1.2	.9	1.1	.7	.5	.4	.3	.4	.4	.3	23	1.2
29	BF	.5	.4	.4	.4	.5	.5	.5	.4	.7	.8	.7	.7	.6	.6	.6	.7	.7	.5	.4	.4	.4	.4	.4	23	.8
30	BF	.4	.4	.4	.4	.3	.4	.3	.4	.5	.6	.7	.7	.7	.6	.6	.6	.5	.4	.4	.4	.4	.5	.5	23	.7
31	BF	.5	.5	.5	.5	.5	.5	.6	.8	.9	.9	.9	.9	.8	.8	.7	.7	.6	.5	.5	.5	.5	.5	.6	23	.9
NO.:		31	31	31	31	31	31	31	31	31	31	31	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:		.9	.8	.8	.9	.8	1.0	.9	1.0	5.6	2.2	2.0	2.5	1.9	1.8	1.6	1.3	1.7	.7	1.5	1.7	.8	1.5	1.5		
AVG:		.47	.41	.41	.43	.45	.47	.47	.57	.90	.79	.75	.74	.67	.68	.67	.65	.58	.43	.45	.44	.39	.43	.43		

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .55 MONTHLY MAX: 5.6

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.

(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: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: NOVEMBER 2014

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

DAY	HOUR 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	.6	.5	.6	.6	.7	.6	.7	.8	.8	.6	.7	.6	.7	.7	.6	.6	.6	.7	.6	.6	.6	.7	.7	23	.8
2	BF	.8	.8	.8	.7	.8	.8	.9	1.1	1.3	1.2	1.1	1.1	1.0	1.0	1.1	1.2	1.1	1.1	1.0	.9	.8	.9	.9	23	1.3
3	BF	1.0	.9	.8	.9	.9	1.1	1.7	2.1	2.3	2.3	1.6	1.3	1.2	1.2	1.6	1.6	1.3	1.1	1.0	1.0	.9	.9	.9	23	2.3
4	BF	1.0	1.1	1.1	1.1	1.0	1.2	1.0	1.6	1.7	1.6	1.6	1.4	1.4	1.3	1.3	1.3	1.2	1.0	1.0	.8	.9	.9	.9	23	1.7
5	BF	.9	.9	.8	.9	1.0	1.1	1.0	1.0	.8	.9	.8	BA	.8	.7	.8	.8	.8	.7	.6	.6	.6	.6	.6	22	1.1
6	BF	.7	.6	.6	.5	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.7	.6	.6	.7	.7	.7	.6	.6	23	.7
7	BF	1.1	.6	.6	.5	.5	.6	.7	.8	.8	.9	.8	.9	.8	.8	1.0	.9	.7	.8	.7	.8	.9	.8	.8	23	1.1
8	BF	.8	.7	.7	.7	.7	.7	.7	.7	.9	1.1	1.1	1.0	1.5	1.5	1.3	.9	.7	.7	.8	.7	.7	.8	.7	23	1.5
9	BF	.7	.7	.6	.7	.7	.8	.8	.9	.9	.8	1.0	.9	.9	.8	.8	.8	.7	.7	.8	.8	.7	.7	.8	23	1.0
10	BF	.8	.7	.8	.7	.7	.7	.7	.7	.9	1.0	1.0	1.1	1.1	1.1	1.0	1.0	1.0	1.0	.9	1.1	1.3	1.0	.9	23	1.3
11	BF	.8	.9	.7	.8	.6	.7	.6	.6	.7	.7	.6	.6	.6	.6	.6	.8	1.0	1.1	.8	.8	.6	.6	.6	23	1.1
12	BF	.6	.5	.5	.5	.5	.5	.5	.7	.7	1.2	1.2	.9	.8	.9	.7	.7	.6	.6	.6	.5	.6	.6	.7	23	1.2
13	BF	.7	.5	.5	.5	.6	.5	.5	.5	.6	.7	.7	.7	.8	.9	.8	.7	.6	.8	.7	.6	.7	.6	.6	23	.9
14	BF	.7	.8	.8	1.1	1.3	1.5	1.5	1.3	1.1	1.1	1.0	1.0	.9	1.0	1.1	1.0	1.0	1.1	.9	.8	.8	.9	.9	23	1.5
15	BF	.9	.9	.9	1.0	1.0	1.0	1.1	1.4	1.6	1.5	1.4	1.5	1.4	1.4	1.5	1.5	1.3	1.2	1.0	1.0	1.0	1.0	1.0	23	1.6
16	BF	1.1	1.1	1.1	1.2	1.3	1.4	1.3	1.2	1.3	1.4	1.4	1.5	1.3	1.2	1.1	1.0	.9	.9	.8	.9	.9	.9	.8	23	1.5
17	BF	.8	.8	.8	.8	.8	.8	.8	.8	1.0	1.1	.9	.9	.8	.7	.7	.7	.7	.6	.6	.6	.6	.6	.6	23	1.1
18	BF	.6	.5	.7	.7	.7	.7	.8	.9	.9	.9	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.0	1.0	1.1	1.1	1.2	.9	23	1.2
19	BF	.9	.9	.9	.9	1.0	1.0	1.1	1.8	1.6	1.6	1.6	1.7	1.5	1.4	1.6	3.2	2.0	1.4	1.1	1.1	1.1	1.0	1.1	23	3.2
20	BF	1.0	1.0	1.1	1.1	1.1	1.1	1.2	2.5	3.3	2.4	2.3	2.1	2.2	2.4	2.5	1.9	1.8	1.7	1.5	1.3	1.3	1.7	2.1	23	3.3
21	BF	1.5	2.0	1.9	1.3	1.2	1.2	1.5	2.1	2.4	1.7	1.7	1.7	1.7	1.8	1.7	1.6	1.8	1.8	1.6	1.7	1.7	1.7	1.7	23	2.4
22	BF	1.7	1.6	1.4	1.5	1.5	1.6	1.9	2.0	1.8	1.9	1.8	1.6	1.5	1.5	1.4	1.4	1.3	1.2	1.1	1.0	1.1	1.0	1.0	23	2.0
23	BF	1.1	1.1	1.0	1.1	1.1	1.0	1.1	1.0	1.0	.9	.9	1.0	.9	.9	.9	.9	.9	.8	.9	.9	.8	.8	.8	23	1.1
24	BF	.8	.8	.8	.7	.8	.8	.7	.7	.7	.7	.7	.7	.7	.6	.7	.6	.5	.6	.6	.6	.5	.5	.6	23	.8
25	BF	.6	.6	.7	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.5	.5	.6	.5	.5	.6	.6	.5	.5	.5	23	.7
26	BF	.5	.5	.5	.5	.5	.5	.6	.5	.5	.5	.6	.6	.6	.6	.6	.7	.7	.7	.7	.6	.7	.7	.7	23	.7
27	BF	.8	.7	.7	.7	.8	.7	.8	.7	.8	1.2	1.4	1.3	1.4	1.3	1.1	.9	.9	.9	.9	.9	1.0	1.1	1.1	23	1.4
28	BF	1.0	.9	.9	1.0	1.0	1.0	1.0	1.5	1.5	1.3	1.4	1.5	1.5	1.6	1.5	1.6	1.5	1.1	1.0	1.1	.9	1.0	1.0	23	1.6
29	BF	1.0	1.0	1.1	1.1	1.2	1.1	1.2	1.1	1.1	1.4	1.4	1.4	1.5	1.8	3.9	1.5	1.2	1.0	1.0	1.0	1.0	1.0	1.0	23	3.9
30	BF	1.0	.9	1.0	.9	1.0	1.0	1.0	1.0	1.6	2.5	2.0	1.7	1.4	1.4	1.3	1.4	1.3	1.1	.9	.9	.9	.9	.9	23	2.5
31																									0	
NO.:		30	30	30	30	30	30	30	30	30	30	30	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:		1.7	2.0	1.9	1.5	1.5	1.6	1.9	2.5	3.3	2.5	2.3	2.1	2.2	2.4	3.9	3.2	2.0	1.8	1.6	1.7	1.7	1.7	2.1		
AVG:		.88	.85	.85	.84	.87	.90	.95	1.11	1.19	1.21	1.17	1.14	1.11	1.11	1.18	1.12	1.01	.95	.88	.87	.86	.87	.88		

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .99 MONTHLY MAX: 3.9

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.

(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: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: DECEMBER 2014

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

DAY	HOUR 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	1.0	1.0	1.0	1.1	1.1	1.1	1.0	1.3	1.5	1.3	1.2	1.2	1.2	1.2	1.2	1.1	.9	.9	.8	.9	.9	.9	23	1.5
2	BF	.9	1.0	1.0	1.0	.9	1.0	.9	.9	.9	.9	.9	.8	.8	.9	1.0	.9	1.0	.8	.9	.7	.8	.8	.9	23	1.0
3	BF	.8	.8	.8	.8	.8	.8	.8	.8	.9	1.1	1.1	BA	BA	1.1	1.0	.9	.9	.8	.8	.7	.7	.7	.7	21	1.1
4	BF	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.9	.8	.9	.9	.9	.8	.8	.8	.8	.9	.8	.8	.8	23	.9
5	BF	.9	.9	.9	.9	1.0	1.0	1.0	1.2	1.1	1.2	1.3	1.1	1.0	1.1	1.0	.9	.9	.9	.8	.8	.7	.9	.9	23	1.3
6	BF	.8	.8	.8	.8	.8	.8	.8	.7	.9	.9	.9	.9	.8	.9	.8	.8	.8	.8	.8	.7	.7	.6	.7	23	.9
7	BF	.7	.6	.7	.7	.6	.7	.7	.7	.6	.7	.7	.9	.7	.8	.9	.8	.9	.9	.8	.9	.9	.9	.9	23	.9
8	BF	.9	.9	.9	.9	.9	.9	.9	1.0	.9	1.0	1.0	1.1	1.0	1.0	.9	.9	.9	.8	.9	.9	.9	1.0	.9	23	1.1
9	BF	.9	.9	.9	.8	.8	.9	.8	.9	.8	1.0	.9	.8	.9	1.0	.9	.9	.9	.9	.8	.8	.9	.9	.9	23	1.0
10	BF	.9	.9	1.0	1.1	1.2	1.3	1.4	1.6	1.6	1.5	1.5	1.5	1.4	1.3	1.4	1.4	1.3	1.2	1.1	1.1	1.1	1.1	1.0	23	1.6
11	BF	1.2	1.1	1.2	1.3	1.2	1.1	1.2	1.6	1.7	1.5	1.9	2.0	1.7	1.3	1.3	1.3	1.4	1.2	1.1	1.1	1.0	1.0	1.0	23	2.0
12	BF	1.0	1.0	1.1	1.1	1.1	1.1	1.3	1.4	1.6	1.5	1.4	1.3	1.7	1.9	1.4	1.5	1.6	1.3	1.1	1.2	1.2	1.2	1.1	23	1.9
13	BF	1.1	1.1	1.0	1.1	1.0	1.0	1.3	1.3	1.6	3.1	3.2	2.3	1.8	1.6	1.6	1.5	1.4	1.2	1.1	1.1	1.1	1.0	1.1	23	3.2
14	BF	1.1	1.0	1.0	1.1	1.0	1.0	1.0	1.4	1.6	1.7	2.2	2.2	2.2	2.3	2.0	1.8	1.3	1.1	1.0	1.1	1.1	1.2	1.1	23	2.3
15	BF	1.1	1.1	1.3	1.3	1.3	1.1	1.3	1.3	1.1	1.9	2.3	2.2	2.2	2.2	1.9	1.6	1.2	1.1	1.3	1.2	1.2	1.2	1.1	23	2.3
16	BF	1.2	1.1	1.1	1.2	1.3	1.3	1.3	1.2	1.2	1.7	2.6	1.6	1.4	1.5	1.5	1.4	1.2	1.2	1.1	1.0	1.1	1.1	1.1	23	2.6
17	BF	1.0	.9	1.0	1.0	1.0	1.0	1.1	1.1	1.2	1.5	1.3	1.0	1.0	1.2	1.2	1.1	1.1	1.0	.9	1.0	1.0	.9	1.0	23	1.5
18	BF	.9	1.0	1.1	.9	.9	.9	1.0	.9	1.2	1.6	1.5	1.5	1.5	1.7	1.8	1.4	1.1	1.2	1.2	1.2	1.1	1.2	1.3	23	1.8
19	BF	1.1	1.1	1.3	1.4	1.1	1.0	1.1	1.3	1.1	1.7	1.7	1.8	1.7	1.7	1.5	1.4	1.1	1.0	1.0	1.0	1.0	1.0	1.2	23	1.8
20	BF	1.2	1.3	1.3	1.3	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.1	1.3	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	23	1.3
21	BF	1.0	1.0	1.0	1.1	1.2	2.0	1.9	2.1	1.9	1.8	2.1	2.0	2.0	1.9	1.8	1.8	1.6	1.5	1.7	1.4	1.3	1.1	1.1	23	2.1
22	BF	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.9	1.0	23	1.1
23	BF	.9	.9	.9	.9	1.0	1.0	.9	.9	1.0	1.0	1.0	1.0	1.0	1.0	.9	.9	.9	.9	1.0	1.0	.9	.9	1.0	23	1.0
24	BF	.9	.9	.9	.8	.9	.9	.9	.8	.9	.8	.8	.8	.8	.7	.7	.7	.6	.6	.7	.7	.7	.8	.8	23	.9
25	BF	.6	.6	.7	.6	.7	.7	.7	.7	.7	.8	1.0	1.1	1.1	.9	.8	.9	.8	.8	.7	.7	.8	.7	.8	23	1.1
26	BF	.9	.8	.9	.9	1.0	1.1	1.1	1.0	.9	1.0	1.2	1.4	1.3	1.1	1.0	1.0	.8	.9	1.1	1.0	1.0	1.0	1.0	23	1.4
27	BF	1.0	1.0	1.0	1.0	.9	.9	.9	.9	1.0	1.8	3.3	2.2	2.3	2.2	1.7	1.5	1.2	1.0	1.0	.9	.9	.9	.9	23	3.3
28	BF	.8	1.0	.9	.9	.9	1.0	.9	1.0	1.1	1.2	1.2	1.2	1.4	1.3	1.3	1.2	.9	.8	.9	.8	.7	.7	.8	23	1.4
29	BF	.7	.8	.7	.8	.8	.8	.8	.7	.7	.7	.9	BA	BA	.7	.7	.7	.7	.8	.7	.7	.7	.6	.7	21	.9
30	BF	.8	.8	.9	.8	.8	.8	.8	.8	.8	.9	.9	.8	.9	.8	.8	.9	.9	.9	.9	.9	.9	1.0	.9	23	1.0
31	BF	.9	.9	.8	.9	.9	1.0	1.1	1.0	1.0	1.5	1.6	1.6	1.7	1.6	1.7	1.9	1.4	1.1	1.1	1.0	1.0	1.0	1.0	23	1.9
NO.:		31	31	31	31	31	31	31	31	31	31	31	29	29	31	31	31	31	31	31	31	31	31	31		
MAX:		1.2	1.3	1.3	1.4	1.3	2.0	1.9	2.1	1.9	3.1	3.3	2.3	2.3	2.3	2.0	1.9	1.6	1.5	1.7	1.4	1.3	1.2	1.3		
AVG:		.94	.93	.96	.97	.97	1.00	1.03	1.07	1.10	1.31	1.45	1.36	1.33	1.30	1.22	1.16	1.06	.98	.97	.95	.94	.94	.95		

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: 1.08 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.

(42401) Sulfur dioxide

SITE ID: 37-145-0003 POC: 1
COUNTY: (145) Person
CITY: (00000) Not in a city
SITE ADDRESS: SR49
SITE COMMENTS: 2012 altitude via Google Earth lookup
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: 36.306965
LONGITUDE: -79.09197
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 198
PROBE HEIGHT: 4

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: OTHER
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JUNE 2014

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

DAY	HOUR 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	.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	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
3	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
4	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
5	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	1.1	23	2.2
6	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	AT	.0	.0	AV	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	0.0
7	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
8	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
9	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
10	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
11	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
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	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
14	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.7
15	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
16	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
17	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	AT	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	22	.3
18	BF	.0	.0	.0	.0	.0	.0	.0	BA	BA	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	7	0.0
19	BF	AK	AK	AK	AK	AK	AK	BA	BA	BA	BA	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12	0.0
20	BF	.0	.0	.0	.0	.0	.0	.0	.2	3.9	3.8	8.8	4.7	.2	.0	.2	.0	.0	.0	.0	.0	.0	6.1	.4	.0	23	8.8
21	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
22	BF	1.1	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	23	1.4
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	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	23	0.0
25	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
26	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	2.4	.4	.0	23	5.5
27	BF	.0	.0	.0	.0	.0	.1	2.7	3.2	2.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	3.2
28	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
29	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
30	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
31																									0	
NO.:		29	29	29	29	29	29	29	28	28	27	28	28	28	29	29	29	29	29	29	29	29	29	29		
MAX:		1.1	1.4	0.0	0.0	0.0	.1	2.7	3.2	3.9	3.8	8.8	4.7	.3	.3	.2	0.0	.4	0.0	0.0	5.5	6.1	2.2	1.1		
AVG:		.04	.05	0.00	0.00	0.00	0.00	.09	.12	.23	.29	.35	.18	.02	.02	.01	0.00	.01	0.00	0.00	.19	.29	.10	.04		

MONTHLY OBSERVATIONS: 660 MONTHLY MEAN: .09 MONTHLY MAX: 8.8

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.

(42401) Sulfur dioxide

SITE ID: 37-145-0003 POC: 1
COUNTY: (145) Person
CITY: (00000) Not in a city
SITE ADDRESS: SR49
SITE COMMENTS: 2012 altitude via Google Earth lookup
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: 36.306965
LONGITUDE: -79.09197
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 198
PROBE HEIGHT: 4

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: OTHER
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JULY 2014

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	.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	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
3	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	23	.4
4	BF	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
5	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.3	2.4	1.0	.0	.0	.0	.0	.0	.0	23	2.4
6	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
7	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
8	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
9	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	23	.5
10	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	3.2	.0	.3	3.4	1.3	.0	.0	.0	.0	.0	.0	23	3.4
11	BF	.0	.0	.0	.0	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.7
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	.0	23	0.0
14	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
15	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
16	BF	.0	.0	.0	.0	.0	.0	BA	BA	.0	1.0	.0	1.5	7.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	7.0
17	BJ	.0	.0	.0	.0	.0	.0	BF	BF	BF	1.0	.6	.8	1.0	.5	1.4	1.7	.9	.1	.0	.0	.0	.2	.0	20	1.7
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	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	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	.0	.0	23	0.0
21	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.5
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	23	0.0
23	BF	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
24	BF	.0	.0	.0	.0	.0	.0	.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	3.8	.0	.0	.0	.0	.0	.0	23	3.8
25	BF	.0	.0	.0	.0	.0	.0	1.4	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	2.0
26	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
27	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	3.6	.0	.0	.0	.0	.0	2.8	.7	.0	4.0	23	4.0
28	BF	.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
29	BF	.0	.0	.0	.0	.0	.0	.3	.2	.6	1.9	.3	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	23	1.9
30	BF	.0	.0	.0	.0	.0	.0	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
31	BJ	.0	.0	.0	.0	.0	.0	BF	.0	.0	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	8	0.0
NO.:		31	31	31	31	31	31	27	28	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:		0.0	0.0	0.0	0.0	0.0	.1	1.4	2.0	.6	1.9	.6	2.0	7.0	3.6	1.4	3.4	3.8	.1	.4	2.8	.7	.2	4.0		
AVG:		0.00	0.00	0.00	0.00	0.00	0.00	.09	.14	.03	.15	.03	.18	.51	.22	.10	.25	.23	0.00	.01	.09	.02	.01	.15		

MONTHLY OBSERVATIONS: 690 MONTHLY MEAN: .10 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.

(42401) Sulfur dioxide

SITE ID: 37-145-0003 POC: 1
COUNTY: (145) Person
CITY: (00000) Not in a city
SITE ADDRESS: SR49
SITE COMMENTS: 2012 altitude via Google Earth lookup
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: 36.306965
LONGITUDE: -79.09197
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 198
PROBE HEIGHT: 4

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: OTHER
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: AUGUST 2014

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

DAY	HOUR 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	8.5	8.4	9.1	8.4	8.8	8.8	BK	BK	BK	BK	BK	BK	BK	BK	.0	.0	.0	.0	.0	.0	.0	.0	.0	15	9.1
2	BF	.0	.0	.0	BK	BK	BK	BK	BK	BK	1.2	.1	.4	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	17	1.2
3	BF	.0	.0	.0	.0	.0	.0	BA	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	0.0
4	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
5	BF	.0	.0	.0	.0	.0	.0	.0	1.7	3.8	.0	.0	.0	.7	6.7	6.0	4.3	2.4	.9	.0	.0	.0	.0	.0	23	6.7
6	BF	.0	.0	.0	.0	.0	.0	.0	.0	1.5	3.8	1.9	.5	.0	.0	.1	.7	.8	.3	.0	.9	.2	.0	.0	23	3.8
7	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.4	1.2	6.3	6.3	.0	.2	.0	.0	.0	.0	.0	23	10.4
8	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
9	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
10	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
11	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
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	BA	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	0.0
14	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
15	BF	.0	.0	.0	.0	.0	.0	.0	1.3	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.6	.1	23	1.3
16	BF	.0	.0	.0	.0	.0	.0	2.1	10.6	5.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	10.6
17	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
18	BF	.0	.0	.0	.0	.0	.0	.0	.3	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.2
19	BF	.0	.0	.0	.0	.0	.0	.0	4.5	5.1	12.2	8.7	2.7	5.8	8.2	16.6	19.9	4.4	1.9	.5	.0	.0	.0	.0	23	19.9
20	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.5
21	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
22	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	23	.3
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	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	23	0.0
25	BF	.0	.0	.0	.0	.0	.0	.0	1.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.1
26	BF	.0	.0	.0	.0	.0	.0	.0	.5	.4	.0	.0	.0	.1	2.0	2.4	1.0	.0	.0	.0	.0	.0	.0	.0	23	2.4
27	BF	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.3	6.8	3.5	7.9	13.0	2.7	.2	.0	.0	.0	.0	.0	.0	.0	23	13.0
28	BF	.0	.0	.0	.0	.0	.0	.2	.6	.8	2.9	BA	1.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	2.9
29	BF	.4	.0	.0	.0	.5	.8	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.8
30	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
31	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
NO.:		31	31	31	30	30	30	28	27	28	30	29	30	30	30	31	31	31	31	31	31	31	31	31		
MAX:		8.5	8.4	9.1	8.4	8.8	8.8	2.1	10.6	5.1	12.2	8.7	3.5	10.4	13.0	16.6	19.9	4.4	1.9	.5	.9	.2	.6	.3		
AVG:		.29	.27	.29	.28	.31	.32	.08	.76	.71	.72	.63	.31	.84	1.04	1.10	1.06	.25	.11	.02	.03	.01	.02	.01		

MONTHLY OBSERVATIONS: 694 MONTHLY MEAN: .41 MONTHLY MAX: 19.9

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.

(42401) Sulfur dioxide

SITE ID: 37-145-0003 POC: 1
COUNTY: (145) Person
CITY: (00000) Not in a city
SITE ADDRESS: SR49
SITE COMMENTS: 2012 altitude via Google Earth lookup
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: 36.306965
LONGITUDE: -79.09197
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 198
PROBE HEIGHT: 4

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: OTHER
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: SEPTEMBER 2014

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

DAY	HOUR 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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
2	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
3	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	6.5	5.3	1.0	.8	1.4	4.7	1.0	.0	.0	.0	.0	.0	23	6.5
4	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
5	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
6	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
7	BF	.0	.0	.0	.0	.0	.0	.0	1.5	.3	.5	.2	.0	.2	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.5
8	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	23	.2
9	BF	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	2.3	3.4	.0	.0	2.3	.0	.0	.0	.0	.0	.0	23	3.4
10	BF	.0	.0	.0	.0	.0	.0	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
11	BF	.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
12	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0	.4	.3	.7	.7	.0	.0	23	.7
13	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
14	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
15	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	3.0	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	3.0
16	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.3	.0	.0	.0	.0	.0	.0	23	.4
17	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
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	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	23	0.0
20	BF	.0	.0	.0	.0	.0	.0	1.0	1.4	.4	.0	2.8	1.9	1.3	.7	1.3	.2	1.0	.0	.0	.0	.0	.0	.0	23	2.8
21	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
22	BF	.0	.0	.0	.2	.3	.2	.1	.3	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0	.0	23	.3
23	BF	.0	.0	.1	.5	.7	.7	.9	1.6	1.6	3.4	2.5	2.1	.9	.4	.1	.3	.2	.0	.0	.0	.0	.9	.1	23	3.4
24	BF	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	.2	.7	.7	23	.7
25	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	23	.4
26	BF	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.6	.9	.2	.0	.0	.0	.0	.0	.0	.0	23	.9
27	BF	.0	.0	.0	.0	.0	.0	.0	1.2	.7	1.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.8
28	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.6	2.1	1.4	1.3	.5	.3	.0	.0	.0	.0	.0	.0	23	2.1
29	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.8	.0	.0	.0	.0	.0	.0	.0	.0	23	.8
30	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.9	5.1	1.5	.0	.0	.0	.0	.0	.0	.0	23	5.1
31																									0	
NO.:		30	30	30	30	30	30	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:		.1	.7	.1	.5	.7	.7	1.0	1.6	1.6	3.4	3.0	6.5	5.3	3.4	5.1	1.5	4.7	1.0	.3	.7	.7	.9	.7		
AVG:		0.00	.02	0.00	.02	.03	.04	.07	.20	.10	.24	.33	.45	.42	.33	.37	.16	.30	.05	.01	.05	.03	.06	.03		

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .14 MONTHLY MAX: 6.5

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.

(42401) Sulfur dioxide

SITE ID: 37-145-0003 POC: 1
COUNTY: (145) Person
CITY: (00000) Not in a city
SITE ADDRESS: SR49
SITE COMMENTS: 2012 altitude via Google Earth lookup
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: 36.306965
LONGITUDE: -79.09197
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 198
PROBE HEIGHT: 4

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: OTHER
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: OCTOBER 2014

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

DAY	HOUR 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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.3	1.8	1.3	1.2	.1	.0	.0	.0	.0	.0	.0	.0	23	1.8
2	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
3	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
4	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
5	BF	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
6	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.0	23	.1
7	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	23	.1
8	BF	.0	.0	.0	.0	.0	.0	BA	.0	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	22	.1
9	BF	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.2	3.3	1.7	1.2	.7	.7	.4	.3	.3	.1	.0	.0	.0	.0	23	3.3
10	BF	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.1	.2	.2	.0	.0	.0	.0	.0	23	2.1
11	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.3	.9	.0	.0	.2	.0	.4	.0	.1	1.1	23	15.3
12	BF	1.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.7
13	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
14	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
15	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
16	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
17	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
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	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	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	.0	.0	23	0.0
21	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	23	.1
22	BF	.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
23	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	23	.3
24	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
25	BF	.0	.0	.0	.0	.0	.0	.0	1.0	8.1	6.7	3.3	1.9	1.5	.8	.3	.2	.2	.2	.3	.1	.3	.4	.3	23	8.1
26	BF	.6	.4	.3	.2	.3	.3	.5	.8	.5	.5	.5	.5	.4	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	23	.8
27	BF	.1	.0	.0	.0	.1	.0	.3	1.1	1.8	1.6	1.5	1.0	.8	.4	.3	.2	.1	.1	.1	.1	.0	.0	.0	23	1.8
28	BF	.0	.1	.0	.0	.1	.0	.0	.5	.6	.5	.3	.3	.4	.3	.4	.3	.3	.2	.1	.0	.0	.0	.0	23	.6
29	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	23	.1
30	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	11.4	8.9	4.3	2.3	1.0	.6	.3	.1	.0	.0	.0	.0	.0	23	11.4
31	BF	.0	.0	.0	.0	.0	.0	.0	1.7	2.4	1.0	.5	.5	.8	.5	1.1	2.6	1.1	.3	.0	.0	.0	.0	.0	23	2.6
NO.:		31	31	31	31	31	31	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		1.7	.4	.3	.2	.3	.3	.5	1.7	8.1	6.7	11.4	8.9	4.3	15.3	1.2	2.6	1.1	.3	.3	.4	.3	.4	1.1		
AVG:		.08	.03	.01	.01	.02	.01	.03	.16	.46	.51	.69	.53	.36	.71	.21	.22	.08	.06	.03	.02	.01	.02	.05		

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .19 MONTHLY MAX: 15.3

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.

(42401) Sulfur dioxide

SITE ID: 37-145-0003 POC: 1
COUNTY: (145) Person
CITY: (00000) Not in a city
SITE ADDRESS: SR49
SITE COMMENTS: 2012 altitude via Google Earth lookup
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: 36.306965
LONGITUDE: -79.09197
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 198
PROBE HEIGHT: 4

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: OTHER
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: NOVEMBER 2014

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

DAY	HOUR 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	.0	.0	.0	.0	.0	.0	.1	.8	.0	1.8	1.0	.5	.0	2.3	1.1	1.3	3.7	.1	.6	.3	.0	.0	.0	23	3.7
2	BF	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.3	.3	.3	23	.3
3	BF	.2	.3	.5	.9	.5	.3	.4	.4	.4	.3	.4	.6	.4	.3	.3	.2	.3	.3	.2	.3	.2	.3	.4	23	.9
4	BF	.5	.7	.9	.9	.9	.7	.7	.8	.4	.2	.2	BA	BA	.3	.3	.2	.3	.8	1.1	1.0	.6	.7	.5	21	1.1
5	BF	.4	.4	.4	.5	.7	.9	.9	1.0	.9	.7	.6	.7	.8	.8	.5	.5	.4	.3	.3	.1	.0	.1	.2	23	1.0
6	BF	.0	.0	.3	.2	.2	.4	.3	.2	AZ	AZ	AZ	AZ	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19	.4
7	BF	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
8	BF	.0	.0	.0	.0	.0	.0	.0	.2	.8	.4	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.0	.1	23	.8
9	BF	.1	.1	.1	.0	.0	.0	.0	.0	.4	.7	.4	.4	.4	.4	.5	.4	.1	.0	.0	.0	.0	.0	.0	23	.7
10	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.8	.8	1.3	1.0	.7	.4	.3	.1	.0	.0	.0	.0	.0	.0	23	1.3
11	BF	.0	.0	.0	.0	.0	.0	.0	6.3	14.1	42.0	62.7	43.8	17.0	1.8	.8	.3	.5	.3	.1	.0	.0	.0	.0	23	62.7
12	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.7	.8	1.0	.9	1.0	.6	.2	.2	.2	.0	.0	1.8	1.0	23	1.8
13	BF	1.8	1.4	.8	.1	1.1	.6	1.6	1.0	.3	2.3	2.3	1.5	3.6	18.0	8.9	5.3	4.3	.8	.4	.5	.5	.1	.2	23	18.0
14	BF	.6	.5	.5	.5	.3	.3	.5	.3	.2	1.6	1.1	.2	.2	.1	.2	.5	.6	.5	.4	.4	.4	.5	.5	23	1.6
15	BF	.2	.3	.3	.4	.4	.4	.6	.8	17.5	11.7	2.8	.5	.6	.6	.6	.4	.4	.4	.3	.3	.3	.3	.2	23	17.5
16	BF	.2	.2	.2	.3	.3	.3	.5	.9	.6	.5	.6	.5	.5	.5	.4	.4	.7	.4	.4	.4	.2	.1	.0	23	.9
17	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	23	.1
18	BF	.0	.0	.0	.0	.2	.2	.2	.2	.2	.2	.1	.2	.1	.2	.3	.2	.2	.2	.1	.1	.1	.1	.1	23	.3
19	BF	.2	.2	.1	.3	.3	.3	.2	.4	.5	.5	.5	.6	.7	.3	.2	.2	.3	.2	.2	.3	.4	1.2	1.5	23	1.5
20	BF	1.3	1.0	.9	.9	.9	.9	.9	1.2	1.5	1.0	.8	.7	.8	.7	.5	.4	.7	.8	.7	.7	.9	.5	.4	23	1.5
21	BF	.4	.3	.4	.5	.5	.5	.8	.9	1.2	1.1	1.3	1.5	1.5	1.3	1.1	1.0	.9	1.6	1.7	1.0	1.0	.9	.9	23	1.7
22	BF	.7	.6	.6	.5	.5	.3	.5	.6	.9	1.0	1.0	.9	.7	.7	.6	.5	.5	.4	.4	.4	.4	.5	.4	23	1.0
23	BF	.5	.5	.3	.2	.4	.2	.3	.3	.4	.3	.3	.3	.2	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	23	.5
24	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	23	.1
25	BF	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2	.1	.2	.1	.2	.2	.2	1.8	1.4	.6	.4	.2	.0	.0	23	1.8
26	BF	.5	.0	.0	.0	.0	.0	.0	.0	.0	.4	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	4.3
27	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.6	.3	.2	.4	.2	.3	.3	.3	.4	.4	.3	.4	23	.6
28	BF	.4	.2	.1	.0	.5	.6	.7	.8	.9	.8	.8	.7	.7	.6	.8	1.0	.8	.6	.7	.4	.4	.4	.2	23	1.0
29	BF	.3	.1	.1	.1	.1	.2	.2	.3	.8	.5	.6	.6	.5	.3	.3	.3	.4	1.3	1.5	1.0	.6	.6	.4	23	1.5
30	BF	.4	.4	.4	.5	.5	.5	.6	.4	.4	.4	.3	.2	.3	.2	.3	.1	.2	.1	.1	.1	.2	.1	.1	23	.6
31																									0	
NO.:		30	30	30	30	30	30	30	30	29	29	29	28	29	30	30	30	30	30	30	30	30	30	30		
MAX:		1.8	1.4	.9	.9	1.1	.9	1.6	6.3	17.5	42.0	62.7	43.8	17.0	18.0	8.9	5.3	4.3	1.6	1.7	1.0	1.0	1.8	1.5		
AVG:		.29	.24	.23	.23	.28	.25	.34	.61	1.49	2.41	2.93	2.06	1.09	1.06	.66	.49	.59	.37	.35	.27	.24	.29	.26		

MONTHLY OBSERVATIONS: 684 MONTHLY MEAN: .73 MONTHLY MAX: 62.7

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.

(42401) Sulfur dioxide

SITE ID: 37-145-0003 POC: 1
COUNTY: (145) Person
CITY: (00000) Not in a city
SITE ADDRESS: SR49
SITE COMMENTS: 2012 altitude via Google Earth lookup
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: 36.306965
LONGITUDE: -79.09197
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 198
PROBE HEIGHT: 4

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: OTHER
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: DECEMBER 2014

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

DAY	HOUR 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	.2	.3	.2	.3	.4	.3	.4	.3	.3	.3	.2	.2	.0	.1	.1	.1	.0	.0	.1	.1	.0	.0	.1	23	.4
2	BF	.0	1.2	1.3	.0	.0	.0	1.6	1.5	1.2	.1	.1	.2	.4	.5	.3	.1	1.1	.5	.1	.0	.0	.0	.0	23	1.6
3	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
4	BF	.0	.0	.0	.0	.0	.0	.0	.1	.5	.4	.4	.3	.2	.3	.3	.3	.7	.4	.4	.3	.3	.2	.2	23	.7
5	BF	.2	.2	.3	.7	.8	.7	.7	1.0	1.0	1.0	1.0	.9	.9	.7	.7	.7	.5	1.0	.8	.9	.5	.6	.3	23	1.0
6	BF	1.1	.8	.5	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	23	1.1
7	BF	.0	.0	.1	.5	.5	.5	.3	.2	.4	.4	.3	.2	.2	.2	.2	.1	.1	.3	.5	.6	.8	.6	.9	23	.9
8	BF	1.1	1.1	.6	.6	.9	2.2	1.3	.5	.7	.6	.7	.6	.7	.8	.4	.4	.4	.3	.2	.1	.2	1.4	.2	23	2.2
9	BF	1.2	.3	.1	.1	.0	.1	2.5	.6	.1	.0	.1	.1	.0	.1	.1	.1	.1	.1	.2	.2	.3	.3	.5	23	2.5
10	BF	.7	.6	.6	.5	.4	.4	.3	.5	.6	.6	.8	.6	.5	.5	.7	.9	1.1	.9	1.0	.9	.7	.5	.4	23	1.1
11	BF	.6	.4	.5	.6	.6	.4	.4	.7	1.0	.8	.7	.5	.5	.4	.3	.3	.3	.2	.2	.2	.2	.4	.4	23	1.0
12	BF	.3	.3	.3	.5	.4	.4	.4	.4	.5	.6	.6	.5	.4	.3	.4	.5	.7	.6	.5	.5	.4	.6	.6	23	.7
13	BF	.4	.6	1.2	1.2	.9	.6	.6	.7	.8	1.0	.9	.9	.9	1.0	1.1	.7	.6	.6	.5	.4	.3	.4	.4	23	1.2
14	BF	.9	.8	.9	1.1	1.2	1.1	.8	1.3	1.2	1.0	1.0	.9	.9	.9	1.0	1.0	1.1	1.5	1.6	1.4	1.0	.7	.5	23	1.6
15	BF	.4	.2	.2	.2	.2	.1	.1	.2	.6	.7	.7	.7	.6	.5	.4	.4	.4	.3	.3	.3	.3	.4	.3	23	.7
16	BF	.3	.4	.4	.3	.4	.3	.2	.4	.4	.3	.3	BA	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.4
17	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	23	.2
18	BF	.2	.1	.2	.2	.3	.2	.4	.5	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	8	.5
19	BF		AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
20	BF		AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
21	BF		AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
22	BF		AN	AN	AN	AN	AN	AN	AN	AN	AN	BC	BC	BC	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	10	.4
23	BF	.0	.0	.0	.0	.2	.0	.0	.7	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.7
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	23	0.0
25	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
26	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
27	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
28	BF	.0	.2	.3	.3	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
29	BF	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.8	.0	.0	.0	1.0	1.1	1.4	2.4	1.8	1.3	.7	.0	23	2.4
30	BF	.0	.4	.6	.3	.0	.3	1.9	3.5	1.7	2.1	3.5	4.3	4.5	.7	6.1	6.8	.4	.0	.0	.0	.0	.0	.0	23	6.8
31	BF	.1	.0	.0	.0	.0	.4	.7	1.0	1.1	1.2	1.5	.7	.7	.5	.6	.4	.3	.3	.3	.4	.2	.0	.0	23	1.5
NO.:		27	27	27	27	27	27	27	27	26	26	26	25	26	27	27	27	27	27	27	27	27	27	27		
MAX:		1.2	1.2	1.3	1.2	1.2	2.2	2.5	3.5	1.7	2.1	3.5	4.3	4.5	1.0	6.1	6.8	1.1	1.5	2.4	1.8	1.3	1.4	.9		
AVG:		.29	.29	.31	.29	.28	.31	.47	.52	.47	.43	.50	.50	.44	.28	.47	.51	.33	.31	.34	.30	.24	.25	.21		

MONTHLY OBSERVATIONS: 615 MONTHLY MEAN: .36 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.

(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 DOWNWINI
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: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: FEBRUARY 2014

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

DAY	HOUR 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	BF	.8	1.2	1.2	.4	.6	.3	.3	.7	1.0	1.4	1.2	1.1	1.0	.9	.9	.7	.8	.7	.5	.4	.4	.5	22	1.4
2	BF	BF	1.2	1.1	.6	1.0	.7	.6	.7	.6	.4	.2	.1	.1	.1	.5	.8	.7	.6	.4	.0	.0	.0	.0	22	1.2
3	BF	BF	.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
4	BF	BF	.0	.0	.0	.0	.0	.0	.0	.6	.2	1.2	3.6	2.1	1.2	3.3	3.2	1.8	1.2	1.3	.4	.2	.0	.0	22	3.6
5	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	4.5	.0	.3	.0	.0	.0	.0	.0	.0	22	4.5
6	BF	BF	1.8	1.8	1.5	1.1	.9	1.0	1.2	1.5	1.2	.8	.4	.4	.4	.6	.6	.7	.3	.1	.1	.0	.0	.4	22	1.8
7	BF	BF	.6	.3	.3	.3	.1	.4	.8	1.0	.8	2.0	6.1	3.4	4.8	1.6	.9	.8	1.2	1.5	1.2	.9	.6	.4	22	6.1
8	BF	BF	.6	.1	.2	.0	.0	.0	.0	.0	.3	.7	1.3	.9	.9	1.3	2.4	2.9	2.5	.9	.8	1.4	1.3	1.2	22	2.9
9	BF	BF	1.3	1.4	1.2	1.0	.8	.8	.5	.3	.2	1.3	1.0	.9	1.5	1.0	1.2	1.1	1.4	.0	.0	.0	.0	.0	22	1.5
10	BF	BF	.0	.0	.0	.0	.1	.6	.3	.2	.4	.3	.4	.5	.5	.2	.2	.3	.3	.1	.0	.0	.0	.0	22	.6
11	BF	BF	.5	.6	.7	.8	1.3	1.6	1.3	1.6	2.0	2.2	1.5	1.3	1.2	1.1	.9	.9	1.1	1.1	1.2	1.5	3.1	2.6	22	3.1
12	BF	BF	1.1	.9	1.2	1.6	2.3	3.1	3.5	4.6	4.1	3.3	3.3	2.9	2.6	2.3	1.8	1.8	2.4	2.2	1.8	1.4	.6	.4	22	4.6
13	BF	BF	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.7	1.2	22	1.2
14	BF	BF	.3	.4	.5	.5	.4	.4	.5	.5	.3	.3	.1	.0	.0	.1	.2	.1	.0	.3	.4	.2	.2	.4	22	.5
15	BF	BF	.5	.4	.0	.0	.0	.0	.0	.0	4.1	2.0	.2	.4	.6	.8	.6	.5	.5	.7	.7	.6	.6	.6	22	4.1
16	BF	BF	.3	.4	.5	.6	.4	.3	.5	1.0	1.7	2.0	.6	.7	.3	.3	.2	.5	.9	.7	.3	.0	.0	.0	22	2.0
17	BF	BF	.0	.0	.9	3.1	1.8	2.1	1.4	BA	3.5	2.7	3.5	3.4	3.2	1.2	1.2	1.1	1.1	.9	.9	1.1	.8	.9	21	3.5
18	BF	BF	.3	.3	.3	.2	.3	.4	.6	2.1	7.6	2.1	.0	.0	.6	.1	.0	.0	.0	.0	.0	.0	.0	.1	22	7.6
19	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	5.4	.4	.0	.0	.0	.0	22	5.4
20	BF	BF	.0	.0	.1	.0	.1	.4	.3	.2	.1	.0	.0	.0	.2	.5	.6	.6	.3	.1	.0	.0	.0	.0	22	.6
21	BF	BF	.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
22	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.1	3.4	.7	1.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	22	3.4
23	BF	BF	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.4	.3	.3	.3	.1	.3	.3	.4	.5	.5	.9	1.0	22	1.0
24	BF	BF	2.4	1.7	1.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	2.4
25	BF	BF	.1	.0	.0	.3	.1	.1	.1	.2	.7	.7	2.5	1.7	1.2	1.2	.3	.1	.0	.0	.0	.6	.3	.7	22	2.5
26	BF	BF	.7	.7	.5	.3	.2	.2	.6	1.3	2.1	1.0	.6	.6	.1	.0	.0	.0	.1	.3	.1	.2	.2	.4	22	2.1
27	BF	BF	.8	.6	.2	.6	1.0	1.2	.9	.6	1.1	3.2	2.5	.3	.3	.0	.2	.1	.1	.1	.3	.1	.1	.5	22	3.2
28	BF	BF	.9	1.2	1.2	1.0	1.3	2.7	4.0	4.2	2.2	1.9	3.3	5.9	6.0	6.4	2.4	1.5	3.6	4.2	5.5	5.4	3.8	2.7	22	6.4
29																									0	
30																									0	
31																									0	
NO.:			28	28	28	28	28	28	28	27	28	28	28	28	28	28	28	28	28	28	28	28	28	28		
MAX:			2.4	1.8	1.5	3.1	2.3	3.1	4.0	4.6	7.6	3.3	6.1	5.9	6.0	6.4	3.2	4.0	5.4	4.2	5.5	5.4	3.8	2.7		
AVG:			.51	.47	.44	.48	.44	.58	.63	.79	1.22	1.09	1.29	.99	1.03	1.04	.67	.74	.86	.59	.53	.53	.49	.50		

MONTHLY OBSERVATIONS: 615 MONTHLY MEAN: .72 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.

(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 DOWNWINI
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: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MARCH 2014

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

DAY	HOUR 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	1.9	1.5	.9	.9	.8	.9	1.5	1.6	1.5	1.3	1.2	1.1	1.0	.8	.8	.8	.9	.6	.8	.7	.8	.5	.4	23	1.9
2	BF	.2	.0	.4	.2	.2	.2	.5	.9	1.3	1.6	.2	.0	.0	.3	.2	.2	.3	.3	.4	.4	.7	.8	.8	23	1.6
3	BF	.4	.4	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.8	.2	.0	.0	.0	23	.8
4	BF	.3	.1	.0	.0	.0	.0	.3	1.1	1.7	1.1	1.0	.8	.9	.8	.7	.4	.3	.2	.1	.3	.5	.4	.3	23	1.7
5	BF	.0	.0	.0	.0	.0	.1	.2	.2	.4	.8	1.7	1.0	1.7	1.7	1.6	1.0	.7	.4	.2	.4	4.1	4.6	2.8	23	4.6
6	BF	1.0	2.7	4.1	3.7	3.6	3.6	2.9	2.1	1.6	1.6	1.6	1.5	1.3	1.0	.6	.5	.4	.2	.0	.0	.0	.0	.0	23	4.1
7	BF	.0	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.5
8	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.6	2.7	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	23	2.7
9	BF	.0	.0	.3	.4	.3	.3	.3	.3	.3	.3	.5	.4	.4	.5	.4	.3	.2	.2	.1	.0	.1	.0	.0	23	.5
10	BF	.3	.5	.4	.5	.1	.0	.0	.0	5.8	12.1	1.9	1.4	.0	.0	.0	.0	.0	.3	.2	.4	.3	.2	.0	23	12.1
11	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.4	.4	.1	.2	.1	.4	23	1.3
12	BF	.7	.6	.5	.1	.3	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.7
13	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
14	BF	.0	.0	.0	.0	.0	.0	.0	.1	.2	1.5	.8	.4	.0	.0	.0	.0	.2	.5	.7	.5	.1	.0	.0	23	1.5
15	BF	.0	.0	.0	.0	.2	.0	.1	.3	.1	.6	.2	.5	.6	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.6
16	BF	.0	.5	.5	.2	.2	.0	.0	.1	.2	1.4	2.5	1.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	AV	AV	21	2.5
17	BF	.0	.0	.0	.0	.0	.0	BA	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	0.0
18	BF	.0	.3	.3	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	23	.3
19	BF	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	23	.2
20	BF	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
21	BF	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.7
22	BF	.8	1.6	1.5	1.6	1.5	1.3	1.1	1.0	.8	.6	.4	.3	.2	1.1	.5	.2	.2	.2	.1	.4	.5	.3	.4	23	1.6
23	BF	.1	.5	1.3	1.6	.7	.1	.0	.2	.4	.7	.0	.0	.0	.0	.0	1.4	2.3	1.5	1.0	1.0	.4	.0	.0	23	2.3
24	BF	.2	.4	.5	.6	1.1	1.4	1.7	1.6	1.1	.8	.5	.4	.1	.5	2.2	1.3	.0	.0	.0	.1	.1	.1	.0	23	2.2
25	BF	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.6	.4	.1	.0	23	.6
26	AV	AV	AV	AV	AV	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19	0.0
27	BF	.2	.0	.0	.0	.1	.5	.7	.4	.6	.3	.7	.4	.3	.1	.0	.0	.1	.0	.1	.0	.0	.0	.0	23	.7
28	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
29	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
30	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
31	BF	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
NO.:		30	30	30	30	31	31	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31	30	30		
MAX:		1.9	2.7	4.1	3.7	3.6	3.6	2.9	2.1	5.8	12.1	2.5	2.7	1.7	1.7	2.2	1.4	2.3	1.5	1.0	1.0	4.1	4.6	2.8		
AVG:		.20	.32	.39	.35	.31	.29	.31	.33	.55	.80	.48	.44	.23	.25	.23	.20	.19	.16	.18	.16	.27	.24	.17		

MONTHLY OBSERVATIONS: 705 MONTHLY MEAN: .31 MONTHLY MAX: 12.1

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.

(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 DOWNWINI
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: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: APRIL 2014

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

DAY	HOUR 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	.0	.0	.3	.1	.3	.0	.0	.0	.7	1.0	.5	.3	.0	.0	.0	.0	.0	.3	.4	.2	.0	.0	.0	23	1.0
2	BF	.7	.8	.6	.3	.2	.2	.1	.0	.0	.0	.3	.3	.0	.2	.3	.1	.0	.0	.2	.2	.0	.0	.0	23	.8
3	BF	1.2	.3	.0	.6	.1	.1	.7	.4	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	23	1.2
4	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
5	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.6	.3	.5	.0	23	.6
6	BF	.5	4.1	1.1	.2	.9	.4	1.2	.4	1.7	.5	.0	.0	.0	.0	.4	.6	.0	.0	.0	.0	.0	.2	.3	23	4.1
7	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
8	BF	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
9	BF	.0	.0	.0	.0	.0	.1	.8	1.0	1.1	.5	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.1
10	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	23	.4
11	BF	.0	.0	.0	.0	.0	.0	BA	BA	.2	.2	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	.2
12	BF	.3	.5	.0	.0	.0	.2	.1	.0	.4	1.0	.4	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
13	BF	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
14	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
15	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
16	BF	.1	.1	.0	.0	.0	.0	.9	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.9
17	BF	.0	.0	.0	.0	.2	.7	2.0	.5	.0	.0	.0	.0	.0	.0	.0	.1	.8	1.0	1.1	1.1	.4	.0	.0	23	2.0
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	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	23	0.0
20	BF	.0	.0	.0	.4	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	23	.4
21	BF	.2	.0	.0	.0	.0	.2	1.2	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.2
22	BF	.2	.1	.1	.0	.0	.2	.1	1.4	8.5	.9	4.4	1.7	1.9	.0	3.6	1.4	3.2	.1	.0	.0	.0	.0	.0	23	8.5
23	BF	.0	.0	.0	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.6	.7	1.5	23	1.5
24	BF	.9	.7	.3	.1	.0	.7	.7	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.9
25	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
26	BF	.0	.0	.0	.0	.0	.0	.5	4.4	3.5	6.9	2.2	.0	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	6.9
27	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
28	BF	.1	.1	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
29	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
30	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
31																									0	
NO.:		30	30	30	30	30	30	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:		1.2	4.1	1.1	.6	.9	.7	2.0	4.4	8.5	6.9	4.4	1.7	1.9	1.0	3.6	1.4	3.2	1.0	1.1	1.1	.6	.7	1.5		
AVG:		.14	.22	.08	.07	.07	.11	.30	.32	.57	.38	.26	.09	.08	.06	.15	.07	.13	.05	.07	.08	.04	.05	.08		

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: .15 MONTHLY MAX: 8.5

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.

(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 DOWNWINI
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: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MAY 2014

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

DAY	HOUR 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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.6
2	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.7
3	BF	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.6	.4	.0	.0	.1	.0	.0	.3	.0	.3	.0	.0	.0	23	.6
4	BF	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
5	BF	.0	.0	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.2	.5	23	.5
6	BF	.0	.0	.0	.0	.0	.0	.1	.4	3.4	2.8	.8	.1	.0	.0	.0	.0	.0	.0	.0	2.0	2.7	1.3	.6	23	3.4
7	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
8	BF	.0	.0	.0	.0	.0	.0	BA	BA	BA	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19	0.0
9	BF	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
10	BF	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.3
11	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
12	BF	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
13	BF	.0	.0	.0	.0	.0	.0	7.3	.4	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	7.3
14	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
15	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
16	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
17	BF	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	23	1.0
18	BF	.0	.0	.0	.0	.3	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
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	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	.0	.0	23	0.0
21	BF	.0	.0	.0	.0	.0	.0	3.4	19.5	16.6	3.9	1.4	.6	.9	.2	.0	1.5	2.0	.0	.0	.0	.9	.0	.0	23	19.5
22	BF	.0	1.2	.0	.0	.0	.0	.0	BA	.0	.0	.0	.0	1.7	2.5	1.4	.0	.0	.0	.0	.0	.0	.0	.0	22	2.5
23	BF	.0	.0	.0	.0	.0	.0	.0	.6	.0	.6	1.6	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	23	1.6
24	BF	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
25	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
26	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
27	BF	.0	.0	.0	.0	.0	1.1	3.5	8.8	4.3	.0	.5	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	23	8.8
28	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
29	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.1	1.3	1.2	.0	.0	.0	23	1.3
30	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	23	.4
31	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
NO.:		31	31	31	31	31	31	30	29	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		1.1	1.2	0.0	.4	.3	1.1	7.3	19.5	16.6	3.9	1.6	1.3	1.7	2.5	1.4	1.5	2.0	.3	1.3	2.0	2.7	1.3	.6		
AVG:		.05	.04	0.00	.01	.01	.05	.49	1.04	.85	.30	.20	.09	.08	.10	.10	.05	.13	.01	.05	.13	.12	.05	.04		

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: .17 MONTHLY MAX: 19.5

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.

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5

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 DOWNWINI
MONITOR COMMENTS:

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

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: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JUNE 2014

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

DAY	HOUR 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	.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	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
3	BF	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	3.0
4	BF	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.5
5	BF	.0	.0	.0	.0	.0	.0	4.9	BA	6.6	1.7	.0	.0	.0	.0	.0	.5	1.2	.0	.0	.0	.0	.0	.0	22	6.6
6	BF	.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
7	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
8	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
9	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
10	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.5
11	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
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	1.7	.0	3.5	.1	.0	.0	.0	.0	.0	.0	23	3.5
14	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
15	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
16	BF	.0	.0	.0	.0	.0	.0	.0	6.4	28.7	11.7	.0	.0	.5	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	28.7
17	BF	.0	.0	.0	.0	.0	.8	1.1	7.1	14.4	2.9	3.3	3.8	2.5	.8	.0	.0	.0	.0	.0	.0	.1	.0	.0	23	14.4
18	BF	.0	.0	.0	.0	.0	.0	.8	.4	.0	.0	.0	.0	.4	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.9
19	BF	.0	.0	.0	.0	.7	1.8	3.0	4.3	7.6	5.8	.2	1.6	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	7.6
20	BF	.0	.0	.0	.0	.0	.0	.0	1.6	.9	.3	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.6
21	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
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	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	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	23	0.0
25	BF	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	23	.5
26	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	1.0	1.4	.0	.0	.0	.0	.0	.0	23	1.4
27	BF	.0	.0	.0	.0	.0	.0	.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	1.9	.8	.0	.0	.0	.0	.0	23	1.9
28	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.1	.0	.0	.0	.0	.0	.0	23	.3
29	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
30	BF	.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
31																									0	
NO.:		30	30	30	30	30	30	30	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:		0.0	0.0	0.0	0.0	.7	1.8	4.9	7.1	28.7	11.7	3.3	3.8	2.5	1.7	.1	3.5	1.9	.8	0.0	0.0	.1	0.0	0.0		
AVG:		0.00	0.00	0.00	0.00	.03	.09	.34	.68	2.00	.85	.17	.20	.20	.17	0.00	.19	.16	.03	0.00	0.00	0.00	0.00	0.00		

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .22 MONTHLY MAX: 28.7

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.

(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 DOWNWINI
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: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JULY 2014

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

DAY	HOUR 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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
2	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.1
3	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
4	BF	.0	.0	.0	.1	.4	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
5	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
6	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
7	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
8	BF	.0	.0	.0	.0	.0	.0	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	2.2	.0	.0	.0	23	2.2
9	BF	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
10	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
11	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.5	.2	.0	.0	.0	.0	23	.5
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	.0	23	0.0
14	BF	.0	.0	.0	.0	.0	.0	.0	.0	2.1	3.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	3.0
15	BF	.0	.0	.0	.0	.0	.0	.0	.0	.4	7.6	3.1	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	7.6
16	BF	.0	.0	.0	.1	.6	.8	AV	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.3	.2	22	.8
17	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
18	BF	.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
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	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	.0	.0	23	0.0
21	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
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	23	0.0
23	BF	.0	.0	.0	.0	.0	.0	.0	.2	11.9	10.2	5.7	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	11.9
24	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	3.0
25	BF	.0	.0	.0	.0	.0	.0	AV	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
26	BF	.0	.0	.0	.0	.0	.0	.0	2.5	3.9	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	3.9
27	BF	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
28	BF	.0	.0	.0	1.3	.2	2.8	.0	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	2.8
29	BF	.0	.0	.0	.0	.0	.0	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
30	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	23	.2
31	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
NO.:		31	31	31	31	31	31	29	30	31	30	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		.3	0.0	0.0	1.3	.6	2.8	.5	2.5	11.9	10.2	5.7	3.0	.4	.2	0.0	.2	.3	.5	.6	2.2	.4	.3	.2		
AVG:		.01	0.00	0.00	.06	.04	.16	.04	.13	.59	.70	.31	.21	.01	.01	0.00	.01	.01	.02	.03	.07	.01	.01	.01		

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: .11 MONTHLY MAX: 11.9

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.

(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 DOWNWINI
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: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: AUGUST 2014

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

DAY	HOUR 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	.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	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
3	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
4	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
5	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
6	BF	.0	.0	.0	.0	.0	.0	.0	.5	2.0	4.7	1.8	1.1	2.1	1.7	1.1	.0	.0	.0	.0	.0	.0	.0	.0	23	4.7
7	BF	.0	.0	.0	.0	.0	.0	.0	.3	.6	.5	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.6
8	BF	.0	.0	.0	.0	.0	.0	.0	.0	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
9	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
10	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
11	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
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	.0	23	0.0
14	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	2.4
15	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	2.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	2.3
16	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	1.2	.4	.0	.0	.0	.0	.0	.0	23	1.2
17	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	2.4	.2	2.6	1.6	1.7	1.1	.1	.0	.0	.0	.0	.0	23	2.6
18	BF	.0	.0	.0	.0	.0	.0	1.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.3
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	23	0.0
20	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.2	.0	4.1	.1	.0	.0	.0	.0	.0	.0	.0	23	4.1
21	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	4.9	2.5	.0	.0	.0	.0	.0	.0	.0	.0	23	4.9
22	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.8	.0	.1	.0	.0	.0	.0	.0	.0	23	.9
23	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	.4	.0	.0	23	3.8
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	23	0.0
25	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
26	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
27	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
28	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.9	7.9	.6	.0	.0	.0	.0	.0	.0	23	7.9
29	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.6	1.9	2.7	.5	.0	.0	.0	.0	.0	.0	23	2.7
30	BF	.0	.0	.0	.0	.0	.0	.0	.0	4.3	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	4.3
31	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
NO.:		31	31	31	31	31	31	31	31	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		0.0	0.0	0.0	0.0	0.0	0.0	1.3	.5	4.3	4.7	1.8	2.4	2.4	4.9	4.1	7.9	1.1	.1	0.0	3.8	.4	0.0	0.0		
AVG:		0.00	0.00	0.00	0.00	0.00	0.00	.04	.04	.23	.33	.12	.19	.24	.37	.53	.44	.09	0.00	0.00	.12	.01	0.00	0.00		

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .12 MONTHLY MAX: 7.9

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.

(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 DOWNWINI
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: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: SEPTEMBER 2014

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

DAY	HOUR 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	.0	.0	.0	.0	.0	.0	.0	1.9	14.5	7.3	7.2	2.7	1.0	.0	.0	.6	2.2	.6	.0	.0	.0	.0	.0	23	14.5
2	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	.3	2.8	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	2.9
3	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
4	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
5	BF	.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
6	BF	.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
7	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.4	1.1	23	1.4
8	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
9	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
10	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
11	BF	.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
12	BF	.0	.0	.0	.0	.0	.0	.0	.0	.7	2.2	2.4	.7	.4	.3	.9	.0	.0	.0	.0	.0	.0	.0	.0	23	2.4
13	BF	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
14	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	23	.5
15	BF	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.5	.7	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	3.5
16	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
17	BF	.0	.0	.0	.0	.0	.0	.0	.0	AZ	AZ	AZ	.4	.7	.8	.4	.1	.0	.0	.0	.0	.0	.0	.0	20	.8
18	BF	.0	.0	.0	.0	.0	.0	.0	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
19	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
20	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
21	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.5	1.1	1.0	1.5	1.1	.0	.0	.0	.0	.0	.4	.0	23	1.5
22	BF	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.0	.2	.2	.2	.2	23	.2
23	BF	.0	.0	.0	.0	.0	.1	.2	.5	1.1	1.2	.8	.5	.4	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	23	1.2
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	23	0.0
25	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
26	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
27	BF	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
28	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	1.1	.4	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	23	1.1
29	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.7
30	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
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		
MAX:		.3	.1	0.0	0.0	0.0	.1	.2	1.9	14.5	7.3	7.2	2.8	2.0	1.0	1.5	1.1	2.2	.6	0.0	.2	.2	1.4	1.1		
AVG:		.01	0.00	0.00	0.00	0.00	0.00	.01	.09	.58	.61	.44	.30	.24	.11	.11	.07	.08	.02	0.00	.01	.01	.07	.06		

MONTHLY OBSERVATIONS: 686 MONTHLY MEAN: .12 MONTHLY MAX: 14.5

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.

(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 DOWNWINI
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: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: OCTOBER 2014

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

DAY	HOUR 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	.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	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
3	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
4	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
5	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.7
6	BF	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	23	.1
7	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
8	BF	.0	.0	.0	.0	.0	.0	.0	.0	1.9	2.7	.2	.3	.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	2.7
9	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	2.3	.6	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	23	2.3
10	BF	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
11	BF	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
12	BF	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
13	BF	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
14	BF	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
15	BF	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
16	BF	AS	AS	AS	AS	AS	AS	AS	BC	BC	BC	BK	BK	BK	.2	.0	.1	.1	.1	.1	.1	.1	.0	.1	10	.2
17	BF	.1	.0	.1	.0	.0	.0	.1	.1	.7	.9	.1	.1	.0	.3	.3	.2	.1	.2	.2	.4	.4	.1	.3	23	.9
18	BF	.2	.1	.1	.1	.1	.0	.2	.4	.3	.1	.1	.0	.1	.1	.1	.0	.1	.1	.0	.2	.1	.1	.1	23	.4
19	BF	.1	.2	.4	.5	.5	.2	.4	.5	.3	.3	.3	.2	.2	.1	.2	.2	.2	.2	.3	.3	.3	.2	.3	23	.5
20	BF	.3	.2	.2	.3	.2	.3	.3	.4	.4	.3	.5	.6	.3	.3	.4	.4	.4	.3	.3	.3	.4	.5	.5	23	.6
21	BF	.4	.4	.3	.1	.2	.2	.2	.2	.4	.5	.4	.3	.3	.2	.2	.2	.2	.2	.5	.4	.2	.2	.2	23	.5
22	BF	.3	.4	.5	.5	.3	.4	.4	.5	.7	.9	1.0	.9	.9	.6	.5	.5	.5	.4	.4	.4	.3	.3	.3	23	1.0
23	BF	.3	.3	.5	.7	.5	.4	.3	.4	.5	.7	.6	.6	.7	.4	.4	.3	.4	.5	.3	.7	.7	.5	.6	23	.7
24	BF	.6	.9	.6	.4	.6	.6	.5	.5	.6	.5	.5	.5	.5	.6	.5	.6	.6	1.4	.7	.4	.4	.3	.3	23	1.4
25	BF	.3	.4	.4	.6	.4	.5	.6	1.5	1.8	1.8	1.5	1.6	1.5	4.4	1.6	1.6	.5	.4	.5	.4	.5	.8	1.5	23	4.4
26	BF	1.8	.8	1.1	4.7	1.4	2.5	1.0	.9	1.0	.7	.7	.6	.5	.4	.4	.3	.4	.5	.3	.4	.3	.3	.3	23	4.7
27	BF	.2	.3	.5	.5	.4	.5	.3	.5	.8	.8	.6	.6	.7	.8	.7	.5	.6	.7	.6	.7	.6	.5	.5	23	.8
28	BF	.6	.6	.7	.5	.6	.6	.8	1.7	1.7	1.4	2.4	1.5	1.0	.9	.8	.8	.7	.7	.6	.7	.8	.8	.7	23	2.4
29	BF	.8	.9	.7	.7	.4	.4	.6	1.1	1.8	3.7	1.8	4.2	1.8	.3	.3	.2	.4	.3	.3	.4	.4	.4	.8	23	4.2
30	BF	1.0	.9	.9	1.0	1.4	1.1	1.1	1.6	1.7	1.5	1.3	1.2	1.1	1.1	1.1	1.1	.9	.8	.8	.7	.7	.7	.5	23	1.7
31	BF	.4	.4	.3	.3	.5	.5	.6	1.2	1.4	1.4	1.1	1.0	.9	1.0	1.0	.8	.6	.7	.7	.4	.2	.2	.2	23	1.4
NO.:		24	24	24	24	24	24	24	24	24	24	24	24	24	25	25	25	25	25	25	25	25	25	25		
MAX:		1.8	.9	1.1	4.7	1.4	2.5	1.1	1.7	1.9	3.7	2.4	4.2	1.8	4.4	1.6	1.6	.9	1.4	.8	.7	.8	.8	1.5		
AVG:		.31	.29	.30	.45	.31	.34	.31	.48	.67	.78	.59	.69	.48	.50	.34	.32	.28	.30	.26	.28	.26	.24	.29		

MONTHLY OBSERVATIONS: 562 MONTHLY MEAN: .39 MONTHLY MAX: 4.7

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.

(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 DOWNWINI
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: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: NOVEMBER 2014

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

DAY	HOUR 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	.2	.3	.3	.3	.3	.3	.3	.3	.3	.4	.4	.9	1.7	.7	.6	.7	.7	.7	.6	.7	.8	.7	.7	23	1.7
2	BF	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
3	BF	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
4	BF	AS	AS	AS	AS	AS	AS	AS	AS	AS	AT	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
5	BF	AS	AS	AS	AS	AS	AS	AS	AS	BC	BC	BC	.9	.7	.6	1.2	.8	.5	.6	.7	.6	.5	.4	.5	12	1.2
6	BF	.7	.7	.3	.6	.6	.3	.3	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.7
7	BF	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	23	.2
8	BF	.1	.1	.0	.1	.2	.1	.2	1.0	.5	.5	.4	.4	.4	.3	.4	.6	.6	.5	.6	.4	.5	.5	.4	23	1.0
9	BF	.5	.3	.3	.1	.0	.1	.3	.3	.5	.8	.7	.6	.6	.9	3.3	1.2	1.1	.7	.4	.5	.4	.4	.2	23	3.3
10	BF	.2	.1	.1	.1	.0	.2	.2	.3	.8	.7	.5	.5	.5	.6	.5	.6	.5	.5	.5	.3	.2	.2	.1	23	.8
11	BF	.2	.1	.2	.1	.1	.3	.4	.5	1.3	.9	.4	.3	.3	.3	.3	.4	.2	.1	.1	.1	.0	.0	.1	23	1.3
12	BF	.0	.0	.0	.0	.0	.0	.2	.3	.4	.4	.3	.3	.3	.4	.4	.0	.1	.1	.5	.8	.5	.4	.7	23	.8
13	BF	.5	.4	.2	.3	.2	.3	.4	.5	.5	.7	.6	.6	.6	.6	.5	.4	.4	1.0	.8	.7	.9	1.1	1.4	23	1.4
14	BF	1.0	1.0	1.2	1.3	.8	.8	1.0	.9	.9	.7	.7	.7	.6	.6	1.1	1.5	1.7	2.1	2.3	2.4	2.3	1.8	1.4	23	2.4
15	BF	1.2	1.1	1.1	1.2	1.3	1.7	1.9	1.7	1.4	1.2	1.6	1.4	1.4	1.3	1.2	1.2	1.1	1.1	.9	.8	.8	.9	.9	23	1.9
16	BF	.9	.9	.8	.7	.7	.7	.6	.6	.8	.8	.8	.7	.8	.8	.7	.7	.6	.5	.6	.5	.5	.7	.5	23	.9
17	BF	.4	.2	.2	.2	.1	.1	.2	.2	.1	.1	.4	.1	.1	.4	.4	.5	.4	.3	.2	.3	.2	.1	.1	23	.5
18	BF	.3	.2	.2	.4	.4	.4	.5	.4	.5	.5	.6	.6	.5	.7	.6	.4	.3	.4	.5	.4	.4	.4	.4	23	.7
19	BF	.9	.6	.5	.3	.3	.3	.5	.6	1.7	.9	.6	.5	.6	1.0	2.0	1.1	.8	.8	.7	.7	1.3	1.2	1.2	23	2.0
20	BF	1.2	1.2	1.3	1.0	1.1	1.3	1.5	1.7	2.1	2.2	1.6	1.1	1.0	1.2	1.2	.5	.5	.5	.5	.6	.6	.5	.6	23	2.2
21	BF	.8	.6	.8	.7	.7	.7	.8	1.0	1.1	1.1	1.0	1.1	1.0	.9	.8	.8	.6	.6	.8	.9	.9	1.0	1.0	23	1.1
22	BF	1.1	.8	.9	.7	.9	.8	.7	1.0	1.2	1.4	1.3	1.3	1.2	1.2	1.2	1.1	.8	.8	.8	.9	.9	1.0	.7	23	1.4
23	BF	.8	.9	1.2	1.3	.9	.9	.8	1.3	1.1	.9	.8	.7	.5	.3	.2	.2	.1	.0	.1	.1	.0	.1	.1	23	1.3
24	BF	.2	.1	.1	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.1	.0	.0	.1	.0	.1	.3	.2	23	.3
25	BF	.0	.0	.0	.0	.0	.1	.1	.4	.7	.5	.5	.5	.3	.1	.0	.0	.0	.1	.1	.1	.5	.9	.5	23	.9
26	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	23	.1
27	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.9	.7	.1	.3	.1	.4	.5	.3	.1	.2	.3	23	.9
28	BF	.3	.2	.3	.4	.6	.6	.5	.6	1.1	.9	.8	.7	.5	.3	.2	.5	.6	2.7	1.4	.5	.4	.2	.2	23	2.7
29	BF	.4	.3	.3	.4	.6	.7	.8	.9	1.0	1.0	1.2	1.1	.7	.6	.5	.6	.7	.7	.6	.7	.8	.9	1.4	23	1.4
30	BF	1.5	1.3	1.2	.7	.8	.8	.8	.6	.6	.7	.7	.6	.4	.4	.4	.3	.2	.2	.3	.2	.1	.1	.0	23	1.5
31																									0	
NO.:		26	26	26	26	26	26	26	26	26	26	26	27	27	27	27	27	27	27	27	27	27	27	27		
MAX:		1.5	1.3	1.3	1.3	1.3	1.7	1.9	1.7	2.1	2.2	1.6	1.4	1.7	1.3	3.3	1.5	1.7	2.7	2.3	2.4	2.3	1.8	1.4		
AVG:		.52	.44	.44	.42	.41	.44	.50	.59	.73	.68	.63	.60	.58	.56	.66	.54	.47	.57	.54	.50	.51	.52	.50		

MONTHLY OBSERVATIONS: 610 MONTHLY MEAN: .54 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.

(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 DOWNWINI
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: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: DECEMBER 2014

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

DAY	HOUR 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	.2	.3	.3	.3	.3	.3	.3	.5	.4	.6	1.8	7.1	.2	.1	.2	.2	.3	.3	.3	.3	.5	.7	.6	23	7.1
2	BF	.4	.3	.3	.4	.1	.1	.1	.2	.1	.1	.0	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
3	BF	.1	.0	.0	.0	.0	.0	.0	.0	BA	.2	.6	.4	.2	.1	.1	.1	.1	.2	.0	.0	.0	.0	.0	22	.6
4	BF	.4	.3	.1	.0	.0	.0	.1	.2	.4	.6	.7	.6	.5	.3	.3	2.2	1.3	1.1	.7	.5	1.3	.5	.5	23	2.2
5	BF	.6	.6	.4	.3	.4	.3	.5	.5	.6	.8	.7	.5	.6	.4	.4	.3	.3	.2	.2	.2	.1	.0	.0	23	.8
6	BF	.1	.0	.1	.0	.1	.1	.1	.2	.2	.2	.1	.2	.2	.1	.0	.0	.0	.0	.6	.1	.1	.3	.3	23	.6
7	BF	.7	.7	.5	.3	.1	.3	.3	.2	.3	.5	.7	.6	.5	.4	.2	.2	.2	.1	.2	.1	.2	.2	.2	23	.7
8	BF	.5	.4	.5	.5	.4	.5	.3	.3	.3	.3	.3	.3	.2	.3	.2	.2	.1	.0	.1	.0	.0	.0	.1	23	.5
9	BF	.1	.0	.1	.0	.1	.1	.1	.1	.2	.6	.5	.5	.6	.7	.8	1.0	.8	.8	1.2	1.5	1.8	2.0	2.3	23	2.3
10	BF	2.0	1.6	1.2	.9	.5	.6	.5	.4	.5	1.0	.8	.6	.8	.5	.6	.6	.5	.5	.4	.3	.5	.5	.5	23	2.0
11	BF	.6	.8	1.2	1.1	.7	.6	.5	.4	.5	.4	.4	.4	.3	.2	.3	.4	.4	.3	.5	.4	.3	.3	.3	23	1.2
12	BF	.5	.5	.5	.4	.4	.3	.5	.5	.6	.6	.7	.8	.7	.8	.7	.5	.4	.5	.6	.6	.7	.5	.5	23	.8
13	BF	.7	.7	.7	.8	.8	.9	.7	.9	.9	.9	1.1	1.3	1.3	1.1	1.1	1.0	1.0	1.1	1.0	.9	.4	.5	.4	23	1.3
14	BF	.5	.4	.4	.4	.4	.5	.4	.5	.7	1.0	1.0	.9	.9	1.0	1.0	1.0	1.1	.9	.8	.5	.4	.3	.3	23	1.1
15	BF	.3	.2	.1	.1	.2	.3	.6	.6	1.0	1.1	.9	.7	.6	.6	.6	.6	.5	.6	.5	.4	.7	.6	.6	23	1.1
16	BF	.8	.6	.6	.5	.6	.5	.7	.6	.6	.5	.5	.5	.3	.2	.1	.1	.1	.1	.1	.0	.0	.1	.0	23	.8
17	BF	.1	.0	.0	.1	.1	.1	.1	.0	.0	.1	.1	.1	.1	.0	.1	.1	.2	.2	.2	.2	.2	.3	.7	23	.7
18	BF	.5	.4	.2	.2	.3	.3	.3	.2	.2	.2	.3	.2	.3	.2	.3	.4	.3	.2	.2	.2	.2	.2	.1	23	.5
19	BF	.3	.1	.3	.3	.3	.3	.4	.4	.3	.3	.2	.2	.2	.3	.1	.1	.3	.2	.4	.5	.8	1.0	1.1	23	1.1
20	BF	1.5	1.4	1.1	.6	.6	.8	.9	1.2	1.2	1.0	1.2	1.2	1.2	1.1	1.0	1.0	.8	.5	.5	.4	.3	.4	.3	23	1.5
21	BF	.4	.3	.3	.2	.3	.2	.1	.2	.3	.5	.6	.5	.5	.5	.6	.5	.4	.5	.8	1.0	1.1	1.0	1.2	23	1.2
22	BF	1.4	2.4	.8	.5	.8	1.1	.9	.7	.6	.6	.5	.3	.3	.3	.3	.2	.2	.2	.1	.1	.2	.1	.1	23	2.4
23	BF	.2	.1	.1	.1	.0	.1	.1	.1	.1	.1	.0	.2	.1	.1	.0	.1	.1	.0	.0	.0	.2	.2	.2	23	.2
24	BF	.2	.3	.2	.2	.1	.0	.1	.1	.1	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.1	.0	.1	.1	23	.3
25	BF	.2	.2	.1	.1	.0	.0	.0	.2	.1	.1	.0	.0	.1	.0	.1	.0	.1	.1	.1	.1	.1	.1	.0	23	.2
26	BF	.2	.2	.3	.4	.3	.2	.1	.2	.4	.4	.5	.7	1.0	1.0	.6	.2	.3	.2	.3	.2	.3	.3	1.0	23	1.0
27	BF	1.8	.8	.4	.2	.3	.3	.2	.2	.2	.3	.2	.3	.2	1.0	.9	.4	.5	.6	.6	.5	.7	.6	.8	23	1.8
28	BF	1.2	1.0	.8	.7	.4	.4	.5	.4	.4	.3	.3	.2	.6	1.1	.3	.4	.2	.1	.0	.1	.0	.0	.1	23	1.2
29	BF	.0	.0	.0	.0	.0	.0	.0	.0	BA	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.3	.3	.3	.2	22	.3
30	BF	.2	.6	.6	.5	.5	.5	.6	.7	.8	.9	1.0	1.1	1.1	1.1	1.1	1.2	.8	.9	.6	.6	.5	.4	.4	23	1.2
31	BF	.4	.1	.2	.3	.2	.3	.3	.7	.9	1.4	1.4	1.3	1.4	1.3	1.1	1.0	1.0	1.2	.8	.5	.4	.4	.4	23	1.4
NO.:		31	31	31	31	31	31	31	31	29	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		2.0	2.4	1.2	1.1	.8	1.1	.9	1.2	1.2	1.4	1.8	7.1	1.4	1.3	1.1	2.2	1.3	1.2	1.2	1.5	1.8	2.0	2.3		
AVG:		.55	.49	.40	.34	.30	.32	.33	.37	.44	.50	.55	.70	.49	.49	.43	.46	.40	.38	.38	.34	.40	.38	.43		

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .43 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.

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5

SITE ID: 37-173-0002 POC: 1
COUNTY: (173) Swain
CITY: (08480) Bryson City (RR name Bryson)
SITE ADDRESS: 30 Recreation Park Drive
SITE COMMENTS: Address before Mar 2010 was 470 CENTER STREET, +35.435509, -83.443697 (173 M move)
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (171) WESTERN MOUNTAIN
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

LATITUDE: 35.434767
LONGITUDE: -83.442133
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 560
PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: AUGUST 2014

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

DAY	HOUR 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	.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	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
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	.0	23	0.0
14	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
15	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
16	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
17	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
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	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	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	.0	.0	23	0.0
21	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
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	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	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	23	0.0
25	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
26	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
27	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
28	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
29	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
30	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
31	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
NO.:		31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
AVG:		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: 0.00 MONTHLY MAX: 0.0

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.

(42401) Sulfur dioxide

SITE ID: 37-173-0002 POC: 1
COUNTY: (173) Swain
CITY: (08480) Bryson City (RR name Bryson)
SITE ADDRESS: 30 Recreation Park Drive
SITE COMMENTS: Address before Mar 2010 was 470 CENTER STREET, +35.435509, -83.443697 (173 M move)
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (171) WESTERN MOUNTAIN
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 35.434767
LONGITUDE: -83.442133
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 560
PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: SEPTEMBER 2014

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

DAY	HOUR 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	.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	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
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	.0	23	0.0
14	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
15	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
16	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
17	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
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	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	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	.0	.0	23	0.0
21	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
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	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	23	0.0
24	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	23	.2
25	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
26	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
27	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
28	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
29	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
30	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
31																									0	
NO.:		30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:		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	0.0	0.0	.2	.1	0.0	0.0	0.0	0.0	0.0	0.0		
AVG:		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

MONTHLY OBSERVATIONS: 690 MONTHLY MEAN: 0.00 MONTHLY MAX: .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.

(42401) Sulfur dioxide

SITE ID: 37-173-0002 POC: 1
COUNTY: (173) Swain
CITY: (08480) Bryson City (RR name Bryson)
SITE ADDRESS: 30 Recreation Park Drive
SITE COMMENTS: Address before Mar 2010 was 470 CENTER STREET, +35.435509, -83.443697 (173 M move)
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (171) WESTERN MOUNTAIN
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 35.434767
LONGITUDE: -83.442133
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 560
PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: OCTOBER 2014

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

DAY	HOUR 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	.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	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
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	.0	23	0.0
14	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
15	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
16	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
17	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	23	.2
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	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	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	.0	.0	23	0.0
21	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.9
22	BF	.0	.0	.0	.0	.0	.0	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	6	0.0
23	BF	AN	AN	AN	AN	AN	AN	AN	AN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15	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	23	0.0
25	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
26	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.8
27	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
28	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
29	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
30	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	AZ	AZ	AZ	AZ	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	19	.1
31	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.5	.3	.0	.0	.0	.0	23	.5
NO.:		30	30	30	30	30	30	29	29	30	29	29	29	29	30	30	30	30	30	30	30	30	30	30		
MAX:		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.9	.6	.2	.2	.2	.2	.4	.5	.3	0.0	0.0	0.0	0.0		
AVG:		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.06	.03	.01	.01	.01	.01	.02	.02	.01	0.00	0.00	0.00	0.00		

MONTHLY OBSERVATIONS: 684 MONTHLY MEAN: .01 MONTHLY MAX: .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.

(42401) Sulfur dioxide

SITE ID: 37-173-0002 POC: 1
COUNTY: (173) Swain
CITY: (08480) Bryson City (RR name Bryson)
SITE ADDRESS: 30 Recreation Park Drive
SITE COMMENTS: Address before Mar 2010 was 470 CENTER STREET, +35.435509, -83.443697 (173 M move)
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (171) WESTERN MOUNTAIN
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 35.434767
LONGITUDE: -83.442133
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 560
PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: NOVEMBER 2014

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

DAY	HOUR 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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	23	.1
2	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	23	.1
3	BF	.0	.1	.0	.0	.1	.0	.0	.2	.1	.2	.2	.2	.2	.2	.2	.2	.3	.1	.2	.3	.1	.0	.1	23	.3
4	BF	.2	.1	.0	.1	.0	.0	.1	.2	.1	.1	.1	.2	.2	.2	.3	.3	.4	.6	.4	.2	.1	.1	.1	23	.6
5	BF	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2	.3	.3	.3	.4	.3	.1	.0	.1	.2	.1	.1	23	.4
6	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0	.1	.0	.0	23	.3
7	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	23	.1
8	BF	.0	.0	.0	.0	.1	.0	.0	.1	.0	.1	.2	.3	.4	.5	.5	.5	.4	.2	.5	.1	.4	.0	.0	23	.5
9	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.2	.2	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0	23	.3
10	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.2	.2	.2	.2	.0	.1	.2	.0	.0	.0	23	.2
11	BF	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.2	.1	.1	.2	.1	.1	.2	.0	.0	23	.2
12	BF	.2	.1	.0	.1	.0	.0	.1	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
13	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.2	.1	.3	23	.3
14	BF	.3	.1	.1	.2	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	23	.3
15	BF	.2	.1	.1	.1	.1	.1	.1	.2	.2	.2	.3	.3	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	23	.4
16	BF	.3	.3	.3	.3	.3	.3	.4	.4	.5	.6	.5	.5	.4	.4	.4	.3	.2	.2	.2	.2	.2	.2	.2	23	.6
17	BF	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.0	.0	.1	.4	.2	.3	.1	.2	.1	.1	.1	.1	23	.4
18	BF	.5	.5	.3	.4	.5	.6	.6	.6	.7	.5	.4	.3	.3	.4	.6	.6	.5	.4	.4	.3	.2	.1	.2	23	.7
19	BF	.1	.3	.1	.2	.3	.2	.2	.3	.3	.3	.3	.5	.5	.4	.5	.4	.4	.4	.3	.4	.4	.3	.4	23	.5
20	BF	.3	.4	.3	.3	.3	.4	.3	.3	.5	1.2	1.0	.8	.8	.9	.9	1.0	1.0	.8	.4	.3	.7	.4	.3	23	1.2
21	BF	.3	.3	.3	.3	.3	.3	.4	.4	.6	.7	.5	.5	.5	.4	.4	.5	.6	.5	.4	.4	.4	.3	.3	23	.7
22	BF	.4	.4	.3	.4	.3	.3	.3	.4	.5	.6	.9	1.0	.9	.9	.8	.7	.7	.5	.5	.5	.5	.6	.4	23	1.0
23	BF	.3	.4	.3	.4	.3	.3	.2	.3	.3	.4	.2	.3	.2	.3	.2	.2	.2	.2	.2	.2	.1	.2	.2	23	.4
24	BF	.2	.1	.1	.1	.1	.1	.1	.2	.2	.1	.3	.3	.3	.3	.3	.3	.3	.4	.2	.2	.1	.1	.1	23	.4
25	BF	.2	.1	.1	.1	.1	.1	.1	.3	.2	.2	.3	.2	.1	.2	.2	.2	.3	.1	.2	.1	.2	.1	.2	23	.3
26	BF	.2	.2	.1	.1	.2	.1	.1	.2	.4	.6	.6	.6	.7	.5	.5	.4	.7	.5	.5	.4	.3	.4	.5	23	.7
27	BF	.2	.2	.2	.2	.1	.2	.2	.3	.4	.4	.5	.6	.8	1.1	1.0	.9	.4	.4	.2	.5	.8	.6	.5	23	1.1
28	BF	.2	.2	.2	.3	.2	.2	.2	.3	.3	.4	.4	.4	.4	.4	.4	.5	.5	.4	.3	.3	.3	.2	.2	23	.5
29	BF	.2	.2	.3	.3	.4	.3	.2	.3	.4	.5	.4	.4	.5	.4	.5	.4	.4	.4	.3	.3	.3	.3	.3	23	.5
30	BF	.3	.3	.3	.3	.3	.3	.4	.3	.3	.3	.4	.3	.3	.2	.2	.2	.3	.4	.4	.4	.3	.3	.4	23	.4
31																									0	
NO.:		30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:		.5	.5	.3	.4	.5	.6	.6	.6	.7	1.2	1.0	1.0	.9	1.1	1.0	1.0	1.0	.8	.5	.5	.8	.6	.5		
AVG:		.16	.15	.12	.15	.14	.14	.15	.19	.23	.28	.28	.29	.30	.31	.33	.31	.31	.27	.22	.21	.22	.16	.18		

MONTHLY OBSERVATIONS: 690 MONTHLY MEAN: .22 MONTHLY MAX: 1.2

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.

(42401) Sulfur dioxide

SITE ID: 37-173-0002 POC: 1
COUNTY: (173) Swain
CITY: (08480) Bryson City (RR name Bryson)
SITE ADDRESS: 30 Recreation Park Drive
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MONITOR COMMENTS:

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AQCR: (171) WESTERN MOUNTAIN
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 35.434767
LONGITUDE: -83.442133
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 560
PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: DECEMBER 2014

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	.3	.3	.3	.3	.3	.3	.3	.3	.4	.3	.3	.3	.3	.4	.4	.3	.2	.3	.3	.3	.3	.3	.2	23	.4
2	BF	.3	.3	.3	.1	.2	.2	.3	.3	.3	.1	.3	.3	.4	.4	.3	.3	.2	.2	.1	.2	.1	.1	.2	23	.4
3	BF	.2	.2	.1	.2	.1	.1	.3	.3	.1	.2	.2	.5	.2	.1	.1	.1	.2	.1	.1	.0	.1	.0	.1	23	.5
4	BF	.0	.1	.1	.1	.1	.0	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.0	.1	.0	.0	.1	.1	23	.1
5	BF	.2	.1	.0	.1	.0	.0	.1	.1	.1	.1	.0	.0	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	23	.2
6	BF	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.1	23	.2
7	BF	.1	.1	.0	.0	.1	.0	.1	.1	.1	.0	.1	.2	.2	.2	.2	.2	.1	.1	.1	.2	.2	.1	.2	23	.2
8	BF	.1	.2	.1	.2	.2	.1	.1	.3	.3	.4	.4	.4	.2	.2	.2	.3	.2	.2	.2	.2	.2	.2	.1	23	.4
9	BF	.1	.2	.2	.2	.2	.2	.2	.1	.2	.3	.3	.4	.3	.1	.1	.1	.2	.1	.3	.2	.3	.2	.2	23	.4
10	BF	.3	.2	.2	.2	.2	.2	.2	.3	.1	.2	.2	.3	.2	.2	.3	.3	.3	.2	.2	.2	.3	.2	.3	23	.3
11	BF	.2	.2	.2	.1	.1	.1	.2	.2	.3	.2	.3	.3	.2	.2	.3	.3	.3	.3	.3	.4	.2	.3	.3	23	.4
12	BF	.3	.2	.3	.2	.3	.3	.3	.4	.4	.4	.4	.3	.4	.3	.3	.4	.4	.4	.3	.3	.5	.4	.4	23	.5
13	BF	.3	.3	.3	.3	.3	.4	.3	.4	.4	.4	.4	.5	.5	.4	.5	.5	.4	.4	.4	.4	.4	.3	.3	23	.5
14	BF	.3	.3	.4	.3	.4	.4	.4	.5	.4	.4	.4	.4	.4	.5	.3	.4	.5	.5	.4	.4	.4	.4	.4	23	.5
15	BF	.4	.3	.3	.3	.3	.4	.4	.3	.4	.6	.4	.5	.5	.4	.4	.5	.6	.6	.5	.4	.5	.5	.4	23	.6
16	BF	.5	.4	.3	.4	.3	.5	.4	.4	.4	.5	.4	.5	.4	.3	.3	.3	.4	.4	.4	.3	.4	.3	.4	23	.5
17	BF	.3	.3	.3	.3	.4	.4	.3	.3	.3	.4	.4	.4	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	12	.4
18	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	.5	.4	.4	.5	.4	.4	.4	.4	.4	.4	.4	11	.5
19	.4	BF	.4	.4	.3	.4	.4	.3	.4	.3	.4	.5	.5	.5	.4	.4	.4	.5	.4	.4	.5	.5	.4	.4	23	.5
20	.4	BF	.5	.4	.3	.5	.3	.3	.4	.5	.4	.3	.5	.5	.4	.5	.5	.3	.5	.5	.4	.5	.3	.4	23	.5
21	.4	BF	.4	.4	.3	.5	.3	.4	.3	.3	.3	.4	.3	.3	.4	.4	.3	.3	.4	.4	.4	.5	.5	.5	23	.5
22	.5	BF	.5	.4	.2	.3	.4	.3	.3	.2	.4	.3	.3	.2	.3	.3	.3	.2	.4	.3	.2	.2	.3	.3	23	.5
23	.2	BF	.3	.3	.3	.2	.2	.3	.3	.4	.3	.3	.3	.2	.2	.3	.1	.2	.2	.2	.2	.1	.2	.2	23	.4
24	.3	BF	.2	.2	.2	.1	.1	.1	.2	.2	.2	.0	.2	.1	.1	.2	.1	.1	.1	.1	.1	.2	.3	.3	23	.3
25	.3	BF	.2	.1	.3	.3	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.2	.3	.2	.3	.2	.3	23	.3
26	.3	BF	.3	.3	.3	.3	.3	.3	.3	.3	.4	.3	.4	.3	.3	.2	.3	.6	.4	.4	.4	.5	.4	.5	23	.6
27	.5	BF	.3	.3	.4	.4	.3	.4	.4	.6	.4	.4	.3	.4	.3	.5	.4	.4	.5	.5	.6	.7	.7	.5	23	.7
28	.6	BF	.4	.3	.3	.3	.3	.4	.3	.4	.3	.3	.3	.2	.3	.3	.4	.3	.3	.6	.5	.5	.5	.4	23	.6
29	.3	BF	.4	.3	.3	.4	.2	.2	.3	.3	.2	.3	.3	.2	.2	.1	.2	.2	.2	.2	.2	.1	.2	.3	23	.4
30	.2	BF	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.4	.3	.4	.3	.3	.3	23	.4
31	.2	BF	.3	.2	.3	.3	.3	.2	.3	.4	.4	.3	.3	.3	.4	.6	.7	.6	.7	.8	.7	.4	.3	.4	23	.8
NO.:	13	17	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	.6	.5	.5	.4	.4	.5	.5	.4	.5	.6	.6	.5	.5	.5	.5	.6	.7	.6	.7	.8	.7	.7	.7	.5		
AVG:	.35	.23	.27	.24	.23	.26	.24	.25	.28	.29	.29	.28	.32	.28	.27	.29	.30	.29	.30	.31	.29	.31	.28	.30		

MONTHLY OBSERVATIONS: 690 MONTHLY MEAN: .28 MONTHLY MAX: .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.

(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: JANUARY 2014

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

DAY	HOUR 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	BF	.9	.6	1.0	1.2	.9	.7	.7	.8	.9	.5	.3	.3	.2	.2	.3	.4	.5	.6	.7	.6	.9	.6	23	1.2
2	.7	BF	.7	.9	.9	1.0	1.1	1.4	1.6	1.5	1.4	1.1	.8	.5	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	23	1.6
3	.7	BF	1.7	1.7	1.5	1.2	1.0	1.1	1.9	1.0	AX	.9	.9	.9	.7	.6	.6	.6	.5	1.7	1.6	1.1	.9	.8	22	1.9
4	.5	BF	.2	.1	.1	.1	.0	.1	.3	.6	.6	.6	.6	.6	.5	.4	.4	.4	.4	.4	.3	.3	.3	.3	23	.6
5	.3	BF	.3	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
6	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.8	.9	.5	.3	.2	.2	.3	.1	.1	.2	.1	23	.9
7	.2	BF	.2	.3	.5	.4	.4	.6	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	7	.6
8	AE	AE	AE	AE	AE	AE	AE	AE	AE	2.4	2.2	2.0	1.2	1.0	.8	.7	.7	.9	1.5	.7	.9	1.1	1.9	1.4	15	2.4
9	1.4	BF	1.3	1.5	1.6	1.5	2.5	3.5	3.0	1.7	1.1	.6	.3	.2	.2	.2	.3	.5	1.0	1.4	.5	.7	.5	.4	23	3.5
10	.4	BF	.4	.4	.3	.3	.3	.6	.6	.7	.4	.4	.3	.2	.1	.0	.0	.0	.0	.0	.1	.2	.0	.0	23	.7
11	.0	BF	.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	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.2	.2	.2	.2	.1	.2	.8	1.0	1.7	1.3	.8	.6	23	1.7
13	.7	BF	.5	.4	.3	.4	.8	.6	.9	.6	.4	.2	.6	.4	.2	.3	.4	.6	.5	.4	.3	.4	.3	.1	23	.9
14	.1	BF	.0	.0	.0	.0	.0	.0	.1	.3	.2	.1	.0	.0	.0	.0	.0	.6	1.5	1.9	2.4	3.2	2.6	1.4	23	3.2
15	.4	BF	.0	.0	.0	.0	.2	.2	.2	.0	.0	.2	.2	.2	.3	.4	.2	.3	1.1	.4	2.1	2.2	.3	1.1	23	2.2
16	1.4	BF	.1	.0	.0	.0	.0	.0	.1	.3	.4	.4	.3	.3	.5	.7	.3	.6	1.6	1.2	1.4	1.3	.7	.3	23	1.6
17	.1	BF	.0	.0	.0	.1	.4	.9	1.1	.8	.9	2.3	2.3	1.5	1.1	1.1	1.1	1.1	1.1	1.0	1.0	.8	.7	.7	23	2.3
18	.5	BF	.3	.2	.2	.2	.2	.2	.3	.4	.2	.5	.3	.5	.6	.7	.2	.2	.3	.8	.7	.7	.4	.3	23	.8
19	.2	BF	.1	.2	.5	.8	.7	.8	.8	.9	1.1	1.0	.8	.5	.3	.3	.3	.4	.2	.5	.8	.9	.6	.5	23	1.1
20	.4	BF	.4	.4	.4	.4	.4	.9	1.0	.8	.7	.5	.5	.5	.5	.3	.3	.4	.6	.9	.6	.6	.5	1.1	23	1.1
21	.8	BF	.4	.7	.7	.3	.2	.3	1.2	.9	1.0	1.1	1.0	1.0	1.1	1.1	1.3	.8	.4	.0	.2	.3	.4	.2	23	1.3
22	.2	BF	.1	.2	2.5	4.2	3.7	1.6	6.0	5.1	7.6	6.7	3.3	2.8	2.9	2.6	2.2	1.7	1.6	1.5	1.5	1.6	1.3	1.2	23	7.6
23	.9	BF	.8	.8	.8	1.0	1.4	2.8	3.6	3.4	3.9	3.1	1.4	.8	.7	.6	.7	.6	.6	.8	.8	.9	.6	1.3	23	3.9
24	2.2	BF	3.7	3.1	2.3	2.4	4.7	5.4	4.7	4.8	3.5	1.8	1.8	1.7	2.0	2.9	2.0	1.5	1.5	1.4	1.5	1.2	1.0	.9	23	5.4
25	.8	BF	.6	.6	.6	.6	.8	.8	1.0	1.4	1.3	3.0	1.7	1.3	1.3	1.3	1.3	1.0	1.1	1.2	1.3	1.3	1.4	1.6	23	3.0
26	1.4	BF	1.3	1.2	1.2	.9	1.0	1.1	1.9	2.1	1.2	.9	.7	.7	.7	.7	.7	.7	.7	.8	.8	.9	.8	.8	23	2.1
27	1.1	BF	1.1	1.1	1.2	1.1	1.2	1.2	1.1	1.0	1.0	1.0	.9	.7	.7	.6	.6	.8	.8	1.1	.6	.7	.5	.3	23	1.2
28	.3	BF	.5	.6	.6	.5	.5	.4	.3	.6	AX	BA	1.5	1.4	1.4	1.6	1.5	1.5	.8	.6	.6	.5	.4	.4	21	1.6
29	.5	BF	.5	.6	.6	.7	.8	.6	.7	.8	1.1	1.1	1.1	1.0	1.2	1.9	4.2	8.4	4.5	2.6	2.3	2.0	1.7	1.1	23	8.4
30	1.1	BF	.6	.8	1.3	1.2	1.2	1.2	1.5	2.6	3.2	2.9	2.6	2.3	1.9	1.7	1.7	1.6	2.2	2.3	1.7	1.8	2.0	1.7	23	3.2
31	1.5	BF	1.7	1.4	1.2	1.8	2.7	3.3	3.8	3.3	AZ	AZ	1.8	1.5	1.3	1.2	1.2	1.5	2.3	2.0	2.7	3.8	3.3	2.8	21	3.8
NO.:	30		30	30	30	30	30	30	29	30	27	28	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	2.2		3.7	3.1	2.5	4.2	4.7	5.4	6.0	5.1	7.6	6.7	3.3	2.8	2.9	2.9	4.2	8.4	4.5	2.6	2.7	3.8	3.3	2.8		
AVG:	.66		.61	.60	.69	.75	.91	1.02	1.33	1.30	1.29	1.19	.93	.80	.75	.76	.77	.92	.95	.92	.97	1.02	.83	.73		

MONTHLY OBSERVATIONS: 684 MONTHLY MEAN: .90 MONTHLY MAX: 8.4

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.

(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: FEBRUARY 2014

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	3.1	BF	3.8	3.3	3.1	3.1	3.1	2.6	2.4	2.5	1.9	1.5	1.4	1.4	1.4	1.0	1.0	.8	.4	.3	.3	.2	.2	.1	23	3.8
2	.1	BF	.1	.0	.0	.0	.0	.0	.0	.2	.3	.2	.3	.3	.3	.3	.2	.3	.4	.1	.2	.0	.1	.0	23	.4
3	.0	BF	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
4	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
5	.0	BF	.0	.0	.0	.0	.0	.1	.3	.2	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	23	.3
6	1.2	BF	1.1	1.3	1.2	1.6	2.2	1.6	1.4	1.1	.8	.6	.5	.5	.4	.4	.4	.5	.4	.4	.3	.3	.3	.7	23	2.2
7	.5	BF	.4	.2	.2	.2	.2	.4	.8	.8	.7	.8	.7	.7	.7	.8	.8	.8	.8	1.0	.7	1.4	1.9	1.8	23	1.9
8	1.6	BF	1.2	1.2	1.3	1.1	.9	.8	.6	.8	1.0	1.0	.8	.7	.7	.8	.9	1.0	1.2	1.4	1.1	1.1	.6	.8	23	1.6
9	.8	BF	1.0	1.1	.9	.7	.6	.4	.6	1.2	1.2	1.2	1.2	1.2	.9	.8	.8	.9	.8	1.0	1.0	1.0	.6	.4	23	1.2
10	.2	BF	.2	.3	.4	.3	.4	.3	.5	.6	1.2	.8	.5	.3	.2	.3	.3	.3	.3	.2	.2	.1	.1	.1	23	1.2
11	.1	BF	.2	.3	.9	2.0	3.2	3.5	4.2	2.7	AX	AT	AT	AT	3.6	3.7	3.8	3.6	3.4	3.0	2.8	2.5	2.6	2.9	19	4.2
12	3.0	BF	3.4	4.3	4.7	5.3	5.3	4.6	4.0	3.7	2.6	1.5	1.2	.9	1.0	.9	.5	.4	.4	.5	.4	.3	.2	.1	23	5.3
13	.1	BF	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0	.1	23	.1
14	.4	BF	.4	.2	.3	.3	.3	.4	.5	.7	.7	.6	.6	.6	.4	.4	.4	.6	.6	.8	.8	.7	.7	.6	23	.8
15	.6	BF	.4	.3	.1	.0	.0	.0	.0	.1	.1	.3	.9	4.0	1.1	.5	.7	.9	1.0	1.1	.9	.8	.7	.7	23	4.0
16	.8	BF	.9	1.1	1.1	1.1	1.0	.9	.8	.8	.6	.6	.8	1.0	.7	.6	.5	.4	.4	.5	1.6	1.0	.9	.6	23	1.6
17	.8	BF	.4	.4	.3	.5	1.1	1.7	2.3	2.6	2.6	2.4	2.1	2.0	1.9	1.8	1.9	1.9	1.8	1.6	1.7	2.0	1.7	1.5	23	2.6
18	1.5	BF	1.2	1.1	1.1	.9	.7	1.0	1.1	1.1	1.0	.8	.6	.5	.3	.3	.2	.3	1.5	1.5	1.8	1.7	1.2	.5	23	1.8
19	.3	BF	.3	.3	.2	.1	.0	.1	.1	.1	.2	.2	.1	.1	.0	.0	.0	.0	.7	1.6	1.4	1.3	.8	.7	23	1.6
20	.8	BF	.1	.3	.2	.2	.2	.3	.5	.4	.4	.5	.4	.4	.4	.6	.6	.6	.6	.5	.2	.0	.0	.0	23	.8
21	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	23	.6
22	.0	BF	.0	.0	.4	.7	.7	.8	.6	.4	2.0	1.2	.4	.3	.2	.3	.2	.3	.5	.6	.7	.6	.8	1.2	23	2.0
23	1.0	BF	.9	.8	.6	.7	.6	1.0	1.3	1.3	1.4	1.2	.7	.6	1.0	1.1	1.0	1.1	.7	.4	.4	.4	.3	.3	23	1.4
24	.4	BF	1.0	1.4	1.4	1.5	1.6	1.8	1.8	2.0	.6	1.6	.3	.2	.1	.0	.0	.1	.1	.4	.5	.2	.1	.4	23	2.0
25	1.0	BF	.7	1.3	2.6	1.3	1.1	2.0	1.1	.8	.9	.9	.7	.6	.5	.6	.6	1.7	2.1	1.7	1.3	1.3	1.6	1.0	23	2.6
26	.8	BF	.8	.6	.5	.5	.6	.6	.6	.6	BA	BA	BA	4.0	4.9	3.3	3.4	2.5	1.6	2.5	2.0	1.7	1.4	1.1	20	4.9
27	1.2	BF	1.0	.8	.8	.8	1.2	2.4	3.0	5.4	2.2	1.3	1.0	.9	.8	.8	.7	.3	.2	.4	.4	.6	3.2	1.1	23	5.4
28	1.2	BF	1.6	1.4	1.6	1.7	1.7	1.5	1.5	2.0	2.0	1.9	1.6	1.5	BA	BA	1.2	1.2	1.1	1.0	1.2	1.8	1.4	1.1	21	2.0
29																									0	
30																									0	
31																									0	
NO.:	28		28	28	28	28	28	28	28	28	26	26	26	27	27	27	28	28	28	28	28	28	28	28		
MAX:	3.1		3.8	4.3	4.7	5.3	5.3	4.6	4.2	5.4	2.6	2.4	2.1	4.0	4.9	3.7	3.8	3.6	3.4	3.0	2.8	2.5	3.2	2.9		
AVG:	.77		.75	.79	.85	.88	.95	1.03	1.08	1.15	.95	.82	.65	.84	.80	.72	.72	.74	.75	.83	.79	.75	.76	.64		

MONTHLY OBSERVATIONS: 635 MONTHLY MEAN: .83 MONTHLY MAX: 5.4

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.

(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 2014

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	1.1	BF	1.7	1.7	1.5	1.4	1.2	1.0	1.0	1.1	1.0	.9	.7	.6	.5	.6	.6	.6	.7	1.3	1.8	1.8	1.3	1.7	23	1.8
2	1.1	BF	.6	.5	.3	.3	.3	.7	.5	.8	.9	.7	.5	.4	.6	.7	.6	.5	.6	.6	.6	.5	.5	.4	23	1.1
3	.4	BF	.4	.4	.3	.3	.2	.5	.8	.3	.0	.0	.0	BF	.4	.2	.0	.0	.0	.0	.1	.1	.2	.4	22	.8
4	.5	BF	.8	1.1	1.3	1.8	1.9	1.9	1.5	1.3	1.1	.9	1.0	1.0	1.0	1.0	.9	.9	.9	1.1	1.1	1.1	1.1	1.2	23	1.9
5	1.2	BF	1.2	1.1	1.0	1.0	1.3	1.7	2.1	1.5	1.1	1.1	.9	.9	1.0	1.0	1.0	1.0	.9	.7	1.0	.9	1.4	2.1	23	2.1
6	3.0	BF	4.3	4.1	3.5	3.1	3.0	2.5	2.1	BA	BC	BC	BC	.7	.5	.4	.3	.1	.1	.0	.0	.0	.0	.0	19	4.3
7	.0	BF	.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	.0	BF	.0	.0	.0	.0	.8	1.0	1.7	2.1	1.0	.6	.4	.4	.5	.3	.2	.2	.3	.4	.5	.3	.2	.2	23	2.1
9	.1	BF	.1	.0	.0	.0	.1	.1	.4	1.0	1.1	1.1	1.1	1.0	1.0	.9	.8	.8	.7	.8	.8	.5	.2	.3	23	1.1
10	.4	BF	.1	.1	.2	1.2	1.6	2.3	1.4	1.1	.5	.2	.2	.1	.0	.0	.2	.4	.4	.6	.5	.2	.2	.2	23	2.3
11	.2	BF	.1	.1	.1	.6	1.2	2.0	1.0	.5	.3	.2	.2	.1	.2	.2	.3	.2	.2	.3	.3	.3	.5	.4	23	2.0
12	.4	BF	.2	.3	.3	.4	.5	.6	.5	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.6
13	.0	BF	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	23	.2
14	.3	BF	.4	.4	.8	1.2	2.7	2.1	1.4	.5	.4	.3	.4	.4	.4	.2	.2	.2	.2	.3	.2	.2	.2	.2	23	2.7
15	.3	BF	.5	.6	1.0	1.2	1.2	1.1	.8	.6	.5	.4	.4	.4	.3	.4	.3	.2	.3	.6	.6	.6	.6	.5	23	1.2
16	.3	BF	.7	.5	.9	.7	1.3	1.9	1.3	.8	.5	.5	.4	.3	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	23	1.9
17	.0	BF	.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	.0	BF	.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	.0	BF	.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	.0	BF	.0	.0	.0	.0	.4	.1	.3	.1	.0	.0	.0	.0	.1	.0	.0	.0	.2	.8	.6	1.3	.3	.2	23	1.3
21	.3	BF	.1	.1	.0	.6	2.6	2.6	1.3	.9	.6	.4	.3	.1	.0	.1	.0	.1	.2	.2	.2	.1	.1	.2	23	2.6
22	.2	BF	.1	.1	.1	.1	.3	.5	.7	.6	.6	.6	.6	.5	.5	.4	.4	.5	.5	.6	.8	.8	.7	.6	23	.8
23	.5	BF	.1	.4	.6	.8	.5	.7	.7	.8	1.0	1.1	1.0	.4	.4	.6	.7	.6	.3	.2	.1	.0	.2	.0	23	1.1
24	.0	BF	.0	.3	1.0	.4	.5	.5	.8	1.2	1.2	1.1	1.0	.8	.7	.7	.6	.5	.6	.5	.5	.5	.5	.4	23	1.2
25	.4	BF	.3	.2	.2	.2	.3	.3	.4	.3	.4	.3	.3	.2	.3	.2	.2	.1	.7	.9	.5	.7	1.7	1.6	23	1.7
26	1.5	BF	.5	.4	.4	.5	.4	.5	.4	.3	.2	.2	.3	.4	.2	.2	.1	.1	.1	.1	.1	.2	.6	.5	23	1.5
27	.6	BF	.9	1.4	2.0	2.1	1.5	1.0	.8	.6	.6	.6	.6	.5	.6	.5	.4	.4	.3	.4	.3	.2	.3	.5	23	2.1
28	.4	BF	.3	.2	.3	.3	.5	.6	.5	.1	.0	.1	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	23	.6
29	.0	BF	.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	.0	BF	.0	.0	.0	.0	.1	.3	.3	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.4	.4	23	.4
31	.5	BF	.6	.7	.7	.9	1.2	1.2	.8	1.5	1.5	.6	.6	.7	.7	.5	.6	.6	.7	.9	1.3	.6	2.1	2.1	23	2.1
NO.:	31		31	31	31	31	31	31	31	30	30	30	30	30	31	31	31	31	31	31	31	31	31	31		
MAX:	3.0		4.3	4.1	3.5	3.1	3.0	2.6	2.1	2.1	1.5	1.1	1.1	1.0	1.0	1.0	1.0	1.0	.9	1.3	1.8	1.8	2.1	2.1		
AVG:	.44		.45	.47	.53	.62	.83	.89	.76	.62	.49	.41	.37	.34	.34	.32	.28	.26	.29	.37	.39	.36	.44	.46		

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: .47 MONTHLY MAX: 4.3

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.

(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: APRIL 2014

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
HOUR																										
1	1.6	BF	.4	.6	.6	.4	2.4	1.6	.8	.5	.4	.4	.3	.3	.3	.3	.3	.2	.3	.7	.5	.6	.4	.4	23	2.4
2	.4	BF	.3	.3	.3	.5	.6	.7	.8	.6	.6	.5	.4	.4	.3	.3	.2	.3	.4	.6	.4	.4	.4	.9	23	.9
3	1.4	BF	.6	.5	.5	.2	.5	.5	.7	.3	.4	.4	.5	.5	.4	.4	.4	.4	.4	.6	.3	.3	.2	.3	23	1.4
4	.6	BF	.8	.5	.4	.4	.5	.5	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.8
5	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.6	1.1	.8	.1	.0	.1	23	1.1
6	.1	BF	.2	.4	.7	.5	.3	.3	.3	.8	.8	.7	.6	.7	.7	.8	1.1	1.2	1.0	.7	.2	.1	.2	.0	23	1.2
7	.0	BF	.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	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.5	.4	23	.5
9	.2	BF	.0	.0	.0	.0	.0	.0	.1	.3	BA	1.6	1.3	.8	1.1	.1	.0	.0	.1	.2	.3	.2	.1	.1	22	1.6
10	.0	BF	.0	.0	.0	.8	1.5	1.7	1.4	1.0	.5	.4	.2	.2	.2	.2	.2	.1	.4	.7	.4	.1	.0	.0	23	1.7
11	.1	BF	.3	.4	.3	.5	.8	.9	.7	.5	.4	.4	.4	.3	.2	.1	.1	.2	.4	.5	.4	.1	.0	.0	23	.9
12	.1	BF	.0	.0	.0	.1	.3	.5	.6	.7	.5	.3	.2	.3	.2	.2	.2	.1	.1	.2	.1	.0	.0	.0	23	.7
13	.0	BF	.0	.0	.0	.0	.0	.1	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
14	.0	BF	.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	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	23	.2
16	.0	BF	.0	.0	.3	.4	.2	.0	.0	.1	.1	.1	.2	.2	.1	.3	.7	.7	.4	.1	.1	.0	.0	.2	23	.7
17	.1	BF	.0	.0	.0	.1	.3	.8	1.5	.4	.2	.2	.1	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	23	1.5
18	.0	BF	.0	.0	.0	.0	.0	.4	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.9
19	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.5	.6	.3	.1	23	.6
20	.2	BF	.5	1.1	.6	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.1
21	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.6	.9	.6	23	.9
22	.3	BF	1.0	.9	.9	.8	.4	.6	.4	.4	.6	.8	1.0	.8	.4	.2	.1	.1	.1	.0	.0	.0	.0	.0	23	1.0
23	.0	BF	.0	.0	.0	.0	.3	.6	.7	.6	.3	.2	BA	.0	.0	.1	.1	.2	.2	.2	.2	.3	.2	.2	22	.7
24	.7	BF	.0	.1	.0	.0	.3	BA	BA	BA	BA	.2	.2	.2	.2	.1	.1	.1	.1	.2	.2	.2	.5	.3	19	.7
25	.0	BF	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
26	.0	BF	.1	.0	.0	.0	.1	.4	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
27	.0	BF	.1	.2	.1	.1	.6	.3	.4	.3	.2	.3	.3	.3	.2	.2	.1	.1	.1	.2	.1	.0	.0	.0	23	.6
28	.0	BF	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
29	.0	BF	.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	.0	BF	.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.:	30		30	30	30	30	30	29	29	29	28	30	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:	1.6		1.0	1.1	.9	.8	2.4	1.7	1.5	1.0	.8	1.6	1.3	.8	1.1	.8	1.1	1.2	1.0	1.1	.8	.6	.9	.9		
AVG:	.19		.15	.17	.16	.17	.31	.35	.36	.24	.19	.23	.20	.17	.15	.11	.12	.13	.16	.23	.16	.14	.12	.12		

MONTHLY OBSERVATIONS: 684 MONTHLY MEAN: .19 MONTHLY MAX: 2.4

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.

(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: MAY 2014

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	BF	.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	.0	BF	.0	.0	.0	.0	.4	1.3	1.0	.5	.7	.7	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.3
3	.0	BF	.0	.0	.0	.0	.0	.2	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	23	.3
4	.0	BF	.0	.0	.0	.0	.1	.2	.5	.9	.6	.5	.4	.3	.2	.2	.1	.1	.1	.1	.1	.1	.0	.0	23	.9
5	.0	BF	.0	.1	.0	.0	.1	.1	.2	.1	.1	.2	.2	.4	.4	.3	.2	.2	.2	.1	.1	.0	.0	.0	23	.4
6	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.3	.3	.4	.2	.0	.0	.0	.0	23	.4
7	.0	BF	.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	.0	BF	.0	.0	.1	.6	.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.7
9	.0	BF	.0	.0	.0	.2	.4	.6	.6	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.6
10	.0	BF	.0	.0	.0	.2	.3	.4	.4	.3	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
11	.0	BF	.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	.0	BF	.0	.0	.0	.3	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.5
13	.0	BF	.0	.0	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
14	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	AX	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
15	.0	BF	.0	.0	.0	.0	.0	.0	.0	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
16	.0	BF	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
17	.0	BF	.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	.0	BF	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
19	.0	BF	.0	.0	.0	.0	.0	.3	AX	BA	BC	.5	.3	.3	.3	.2	.1	.1	.2	.3	.3	.2	.2	.1	20	.5
20	.1	BF	.1	.1	.1	.4	.5	.6	.5	.5	.4	.3	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.2	.2	23	.6
21	.4	BF	.2	.2	.3	.3	.4	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.3	.3	.2	.2	.3	.3	.2	23	.4
22	.2	BF	.2	.1	.1	.2	.2	AZ	AZ	AZ	AZ	.1	.1	.0	.0	.4	.1	.1	.2	.0	.0	.0	.0	.1	19	.4
23	.0	BF	.0	.0	.1	.2	1.4	1.3	.6	.7	1.1	1.6	.8	.7	.7	.4	.5	.7	.4	.3	.3	.5	1.7	1.5	23	1.7
24	.8	BF	.2	.2	.1	.0	.1	.3	.3	.2	.2	.2	.1	.1	.0	.0	.1	.1	.2	.3	.2	.2	.1	.0	23	.8
25	.0	BF	.0	.0	.0	.0	.1	.2	.1	.1	.1	.2	.2	.3	.2	.2	.1	.1	.1	.1	.2	.2	.1	.1	23	.3
26	.0	BF	.0	.0	.0	.0	.1	.5	.5	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.5
27	.0	BF	.0	.0	.0	.0	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
28	.0	BF	.0	.0	.0	.0	.3	.8	.5	.2	.1	.3	.5	.2	.1	.0	.0	.0	.1	.1	.1	.1	.1	.0	23	.8
29	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	23	1.5
30	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	23	.1
31	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.6	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	23	.6
NO.:	31		31	31	31	31	31	30	29	28	29	31	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:	.8		.2	.2	.3	.6	1.4	1.3	1.0	.9	1.1	1.6	.8	.7	.7	.4	.5	1.5	.4	.3	.3	.5	1.7	1.5		
AVG:	.05		.02	.02	.03	.08	.19	.28	.22	.17	.16	.18	.13	.12	.10	.08	.06	.12	.07	.06	.05	.06	.09	.07		

MONTHLY OBSERVATIONS: 704 MONTHLY MEAN: .10 MONTHLY MAX: 1.7

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.

(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: JUNE 2014

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	BF	.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
2	BF	BF	.0	.0	.0	.0	.2	.4	.3	BA	BA	.1	.2	.3	.2	.2	.1	.0	.1	.1	.1	.1	.1	.1	20	.4
3	BF	BF	.0	.0	.1	.2	.3	.3	.3	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	22	.3
4	BF	BF	.0	.0	.0	.2	.3	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.3
5	BF	BF	.0	.0	.1	.1	.2	.1	.2	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	22	.2
6	BF	BF	.0	.0	.0	.0	.0	.0	.0	.3	.4	.3	.3	.6	.2	.1	.2	.1	.2	.1	.0	.1	.1	.1	22	.6
7	BF	BF	.0	.0	.0	.0	.5	.6	1.0	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	1.0
8	BF	BF	.0	.0	.0	.0	.1	.2	.3	.3	.2	.1	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	22	.3
9	BF	BF	.0	.0	.0	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.2
10	BF	BF	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1	22	.1
11	BF	BF	.1	.0	.0	.1	.2	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.2
12	BF	BF	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.1
13	BF	BF	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.1
14	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.5	.8	.4	.6	.4	22	.8
15	BF	BF	.6	.6	.6	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.6
16	BF	BF	.0	.0	.0	.0	.0	.1	.1	.1	BA	.1	.1	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	21	.1
17	BF	BF	.0	.1	.1	.2	.3	.3	.3	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.3
18	BF	BF	.2	.2	.2	.2	.3	.4	.4	.2	.3	.2	.2	.1	.1	.1	.0	.1	.1	.1	.0	.1	.2	.1	22	.4
19	BF	BF	.0	.0	.0	.1	.3	.6	.8	AV	AV	AV	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	19	.8
20	BF	BF	.0	.0	.0	.0	.0	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.2
21	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.1
22	BF	BF	.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	BF	BF	.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	BF	BF	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.2
25	BF	BF	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	22	.2
26	BF	BF	.0	.0	.0	.0	.1	.3	.4	.5	.4	.5	.5	1.0	1.8	2.6	2.6	1.8	.8	.3	.1	.0	.0	.0	22	2.6
27	BF	BF	.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
28	BF	BF	.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
29	BF	BF	.0	.4	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.5
30	BF	BF	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	22	.1
31																									0	
NO.:			30	30	30	30	30	30	30	28	27	29	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:			.6	.6	.6	.2	.5	.6	1.0	.6	.4	.5	.5	1.0	1.8	2.6	2.6	1.8	.8	.5	.8	.4	.6	.4		
AVG:			.03	.04	.05	.05	.10	.14	.17	.13	.10	.06	.07	.09	.09	.11	.11	.08	.05	.04	.04	.02	.04	.03		

MONTHLY OBSERVATIONS: 654 MONTHLY MEAN: .07 MONTHLY MAX: 2.6

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.

(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: JULY 2014

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	BF	.1	.0	.0	.0	.1	.3	.5	.3	.0	.1	.2	.2	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	23	.5
2	.0	BF	.0	.0	.1	.2	.3	.3	.4	.3	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
3	.0	BF	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	23	.2
4	.1	BF	.0	.0	.0	.0	.1	.2	.3	.3	.3	.3	.3	.2	.4	.1	.0	.0	.7	.5	.3	.5	.4	.2	23	.7
5	.2	BF	.3	.3	.3	.1	.3	.4	.2	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.3	.1	23	.4
6	.1	BF	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	23	.1
7	.0	BF	.0	.0	.0	.0	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	23	.2
8	.0	BF	.1	.2	.2	.3	.4	.5	.5	.6	.4	.2	.2	.0	.1	.2	.2	.3	.3	.2	.3	.4	.1	.0	23	.6
9	.0	BF	.3	.3	.2	.2	.3	.4	.3	.3	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
10	.0	BF	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
11	.0	BF	.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	.0	BF	.0	.0	.0	.0	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
13	.0	BF	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
14	.0	BF	.0	.0	.0	.1	.1	BA	.2	.2	.1	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2	.2	.1	.0	22	.2
15	.0	BF	.1	.1	.1	.1	.2	.2	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
16	.0	BF	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.2	.5	.5	.6	.6	.6	.5	.5	.4	.2	.1	.1	23	.6
17	.0	BF	.0	.0	.0	.0	.8	.9	.6	.3	.5	.5	.4	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.4	23	.9
18	.1	BF	.1	.1	.0	.0	.1	.4	.5	.4	.3	.3	.1	.1	.0	.1	.1	.1	.1	.0	.1	.1	.1	.0	23	.5
19	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.1
20	.1	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
21	.0	BF	.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	.0	BF	.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	.0	BF	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
24	.0	BF	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
25	.0	BF	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
26	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	23	.1
27	.0	BF	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	23	.2
28	.1	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.8	.7	23	.8
29	1.6	BF	1.3	1.1	.6	.3	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.6
30	.0	BF	.0	.0	.0	.1	.1	.2	.2	.4	.6	.6	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.6
31	.0	BF	.0	.0	.0	.0	.2	.2	.1	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
NO.:	31		31	31	31	31	31	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	1.6		1.3	1.1	.6	.3	.8	.9	.6	.6	.6	.6	.4	.5	.5	.6	.6	.6	.7	.5	.4	.5	.8	.7		
AVG:	.08		.08	.07	.05	.05	.12	.17	.15	.13	.11	.11	.09	.06	.06	.05	.04	.05	.06	.05	.06	.06	.07	.05		

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .08 MONTHLY MAX: 1.6

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.

(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: AUGUST 2014

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	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
2	.0	BF	.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	.0	BF	.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	.0	BF	.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	.0	BF	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
6	.0	BF	.1	.0	.0	.1	.1	.2	.3	.3	.9	.4	.1	.2	.5	.5	.4	.5	.9	.6	.5	.3	.1	.0	23	.9
7	.0	BF	.0	.0	.0	.0	.2	.7	.1	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.7
8	.0	BF	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.1	.1	.2	.1	.2	.2	.1	.0	.1	.0	.0	.0	23	.2
9	.0	BF	.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	BF	.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	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.1
12	.0	BF	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
13	.0	BF	.0	.0	.0	.0	.0	.1	.4	.3	.3	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
14	.0	BF	.2	.3	.1	.0	.7	2.5	2.1	1.1	.5	.3	.3	.2	.2	.2	.2	.1	.1	.2	.2	.3	.2	.1	23	2.5
15	.1	BF	.0	.0	.0	.1	.3	.5	.5	.4	.4	.5	.3	.3	.2	.2	.0	.1	.1	.1	.0	.0	.0	.0	23	.5
16	.0	BF	.0	.1	.0	.0	.1	.6	1.0	.7	.3	.4	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
17	.0	BF	.0	.0	.0	.0	.0	.1	1.3	.3	.2	.2	.3	.3	.3	.3	.2	.2	.1	.1	.1	.1	.0	.0	23	1.3
18	.0	BF	.0	.0	.0	.1	.2	.3	.3	.2	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.3
19	.0	BF	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
20	.0	BF	.0	.0	.0	.3	.1	.1	.0	.1	.0	.0	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
21	.0	BF	.0	.0	.0	.2	.0	.0	.4	.6	.9	.9	1.0	.8	.3	.2	.1	.1	.0	.0	.1	.0	.0	.0	23	1.0
22	.1	BF	.0	.0	.0	.0	.0	.2	.4	.1	.0	.0	.5	1.6	1.5	1.3	.5	.3	.0	.1	.0	.0	.0	.0	23	1.6
23	.1	BF	.0	.0	.0	.0	.0	.4	.8	.8	.5	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.8
24	.0	BF	.0	.0	.0	.1	.2	.4	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.5
25	.0	BF	.0	.1	.0	.0	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
26	.0	BF	.0	.0	.0	.0	.0	.2	.1	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	23	.3
27	.0	BF	.0	.0	.0	.0	.1	1.9	2.8	.7	.3	.2	.3	.2	.1	.1	.0	.1	.1	.1	.3	.5	.3	.2	23	2.8
28	.5	BF	.9	.8	.3	.3	.3	.6	1.9	1.4	1.0	.7	.6	.5	.5	.5	.4	.4	.3	.2	.1	.0	.0	.0	23	1.9
29	.0	BF	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
30	.0	BF	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
31	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	23	.1
NO.:	31		31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	.5		.9	.8	.3	.3	.7	2.5	2.8	1.4	1.0	.9	1.0	1.6	1.5	1.3	.5	.5	.9	.6	.5	.5	.3	.2		
AVG:	.03		.04	.04	.01	.04	.08	.30	.43	.26	.19	.15	.15	.16	.15	.12	.07	.06	.05	.05	.05	.04	.02	.01		

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: .11 MONTHLY MAX: 2.8

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.

(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: SEPTEMBER 2014

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	BF	.0	.0	.0	.0	.0	.0	.2	.4	.7	.3	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	23	.7
2	.0	BF	.0	.0	.0	.1	.3	.7	.5	.3	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.7
3	.0	BF	.0	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
4	.0	BF	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	.2	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
5	.0	BF	.0	.0	.0	.0	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
6	.0	BF	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
7	.0	BF	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
8	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
9	.0	BF	.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	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	23	.1
11	.0	BF	.0	.0	.0	.5	.5	.4	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.5
12	.0	BF	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	23	.1
13	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	.3	.0	.0	.0	23	.3
14	.0	BF	.1	.1	.2	.2	.2	.3	.2	.4	.5	.3	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.5
15	.0	BF	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
16	.0	BF	.0	.0	.0	.0	.0	.2	.1	BA	.1	.1	.2	.2	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	22	.3
17	.0	BF	.0	.0	.0	.2	.2	.2	.3	.7	.7	.5	.4	.3	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	23	.7
18	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
19	.0	BF	.0	.1	.1	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
20	.0	BF	.0	.0	.0	.0	.1	.4	.6	.3	.1	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.6
21	.0	BF	.1	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0	.0	.2	.1	.0	.0	.0	.1	.0	.0	.0	.0	23	.3
22	.0	BF	.0	.0	.3	1.0	1.9	1.5	1.2	.9	BA	.2	.1	.1	.1	.1	.0	.1	.3	.1	.1	.3	.2	.1	22	1.9
23	.0	BF	.4	.7	1.4	1.3	1.0	.9	.9	.9	1.0	.8	.5	.4	.4	.4	.4	.5	.3	.3	.2	.1	.0	.0	23	1.4
24	.0	BF	.0	.1	.1	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
25	.0	BF	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	23	.2
26	.1	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.5	.3	.2	.0	23	.5
27	.0	BF	.1	.1	.1	.0	.1	.3	.6	.1	.1	.1	.1	.0	.0	.1	.1	.2	.1	.1	.1	.1	.1	.0	23	.6
28	.0	BF	.0	.0	.0	.0	.0	.0	.3	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.3	.2	.1	.0	23	.3
29	.1	BF	.0	.1	.1	.1	.3	.5	.2	AZ	AZ	AZ	.1	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.0	20	.5
30	.0	BF	.1	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	23	.2
31																									0	
NO.:	30		30	30	30	30	30	30	30	28	27	29	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	.1		.4	.7	1.4	1.3	1.9	1.5	1.2	.9	1.0	.8	.5	.4	.4	.4	.4	.5	.3	.3	.5	.3	.2	.2		
AVG:	.01		.03	.04	.08	.12	.17	.22	.20	.19	.16	.11	.08	.06	.06	.06	.04	.05	.04	.04	.06	.04	.03	.01		

MONTHLY OBSERVATIONS: 684 MONTHLY MEAN: .08 MONTHLY MAX: 1.9

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.

(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 2014

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	BF	.3	.0	.1	.1	.1	.2	.2	.1	.1	.2	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.3	23	.3
2	.6	BF	.4	.5	.5	.4	.8	.7	.4	.2	.3	.2	.3	.3	.2	.2	.2	.1	.1	.1	.1	.0	.1	.0	23	.8
3	.0	BF	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.3	.3	.2	.1	.2	.1	.1	.1	.0	.0	.0	.0	23	.3
4	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	23	.1
5	.1	BF	.0	.0	.1	.1	.1	.2	.3	.5	.5	.5	.6	.5	.5	.4	.3	.3	.4	.5	.4	.4	.3	.3	23	.6
6	.2	BF	.2	.2	.2	.5	.7	.9	1.0	1.1	.8	.8	.5	.5	.5	.5	.5	.4	.4	.4	.3	.3	.3	.3	23	1.1
7	.3	BF	.4	.3	.3	.4	.5	.8	.8	.8	1.0	1.0	.9	1.1	1.2	.8	.7	.6	.5	.4	.3	.3	.3	.3	23	1.2
8	.3	BF	.2	.1	.1	.2	.6	.9	.5	.4	.4	.4	.4	.3	.2	.2	.2	.3	.5	.4	.2	.3	.7	3.0	23	3.0
9	2.4	BF	1.2	.6	.3	.3	.7	1.6	2.3	1.7	.9	.9	1.0	1.3	1.3	1.1	1.0	.9	.7	.6	.5	.4	.3	.3	23	2.4
10	.4	BF	.4	.3	.3	.3	.5	.9	1.2	1.2	.9	.7	.5	.5	.5	.5	.5	.4	.4	.4	.0	.0	.0	.0	23	1.2
11	.0	BF	.0	.0	.0	.0	.0	.2	.2	.2	.2	.2	.2	.1	.1	.1	.0	.1	.1	.1	.0	.0	.0	.0	23	.2
12	.0	BF	.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	.0	BF	.0	.1	.0	.3	.4	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.0	.0	.1	.0	.0	.0	23	.4
14	.0	BF	.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	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	23	.1
16	.0	BF	.0	.0	.1	.2	.7	.5	.4	.4	.3	.3	BA	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	11	.7
17	AN	BF	AN	AN	AN	AN	AN	.4	AN	AN	AN	AN	AN	AN	BA	BC	.1	.1	.2	.1	.1	.1	.1	.0	9	.4
18	.0	BF	.1	.0	.0	.0	.0	.5	1.2	1.0	1.0	.7	.9	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	23	1.2
19	.4	BF	.2	.1	.1	.3	.2	.3	1.7	1.1	.9	1.5	1.6	1.3	1.1	1.2	1.2	1.0	.5	.4	.2	.2	.2	.3	23	1.7
20	.2	BF	.3	.3	.3	.3	.3	.3	.2	.3	.2	.3	.3	.3	.3	.2	.2	.2	.2	.1	.2	.1	.2	.1	23	.3
21	.2	BF	.1	.1	.1	.2	.3	.5	.6	.5	.5	.7	.5	.7	.7	.5	.4	.3	.3	.8	.5	2.3	1.0	.2	23	2.3
22	.3	BF	.3	.5	.9	.7	.3	.2	.4	.7	1.8	.7	.3	.4	1.0	.8	.5	.2	.2	.1	.2	.4	.1	.1	23	1.8
23	.1	BF	.1	.1	.1	.1	.1	.1	.4	1.5	2.0	2.0	.3	.1	.1	.1	.1	.1	.1	.3	.5	.5	1.1	1.6	23	2.0
24	1.7	BF	2.3	1.6	1.1	.5	1.4	2.5	2.2	1.3	1.0	.7	.6	.5	.8	1.7	1.1	.6	.6	.4	.3	.3	.4	.3	23	2.5
25	.3	BF	.2	.1	.2	1.2	.7	.9	.9	1.2	1.5	1.7	1.6	1.3	1.3	1.3	1.2	1.2	1.1	.9	.7	.6	.6	.6	23	1.7
26	.6	BF	.6	.5	.5	.8	1.2	.6	.6	.6	.7	.7	.6	.5	.5	.4	.4	.4	.4	.3	.4	.4	.3	.2	23	1.2
27	.1	BF	.2	.2	.2	.2	.3	.4	.7	.7	.6	.5	.6	.7	.7	.6	.5	.6	.5	.5	.5	.5	.3	.3	23	.7
28	.5	BF	.3	.2	.2	.2	.3	.4	.3	.5	.7	.7	.7	.6	.7	.7	.9	.7	.7	.6	.6	.5	.5	.4	23	.9
29	.5	BF	.7	.6	.5	.4	.4	.5	.5	.4	.5	.5	.5	.4	.3	.3	.4	2.4	.2	.1	.1	.1	.3	1.0	23	2.4
30	.6	BF	.3	.2	.1	.1	.0	.2	BA	BA	BA	BA	BA	BA	.4	.4	.4	.3	.2	.2	.3	.1	.2	.3	17	.6
31	.3	BF	.2	.2	.3	.4	.5	.7	.6	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	.3	.3	.2	.2	23	.7
NO.:	30		30	30	30	30	30	31	29	29	29	29	28	28	29	29	30	30	30	30	30	30	30	30		
MAX:	2.4		2.3	1.6	1.1	1.2	1.4	2.5	2.3	1.7	2.0	2.0	1.6	1.3	1.3	1.7	1.2	2.4	1.1	.9	.7	2.3	1.1	3.0		
AVG:	.34		.30	.23	.22	.28	.37	.51	.62	.60	.61	.58	.50	.46	.47	.44	.39	.40	.30	.27	.23	.27	.25	.34		

MONTHLY OBSERVATIONS: 681 MONTHLY MEAN: .39 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.

(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: NOVEMBER 2014

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	BF	.1	.1	.1	.1	.1	.2	.3	.3	.3	.2	.2	.3	.2	.1	.1	.1	.2	.2	.3	.4	1.6	3.0	23	3.0
2	.9	BF	.7	.9	1.5	1.0	.3	.5	1.5	1.1	.3	.4	1.6	1.1	.3	.5	.6	.7	.7	.5	.8	2.8	4.5	5.8	23	5.8
3	5.0	BF	1.6	.7	.7	.8	.6	.7	.8	1.6	1.6	1.2	.9	.8	.7	.6	.7	.8	1.0	1.0	.8	.6	.5	.5	23	5.0
4	.5	BF	.5	.4	.3	.3	.4	.8	.9	2.4	BC	BC	BC	BC	.3	.4	.4	.5	.6	.6	.5	.5	.4	.3	19	2.4
5	.3	BF	.3	.2	.2	.2	.2	.5	.7	.6	.4	BL	BL	BL	.3	.3	.2	.3	.3	.2	.2	.1	.0	.0	20	.7
6	.0	BF	.0	.0	.1	.1	.1	.1	.2	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
7	.0	BF	.0	.0	.0	.0	.0	.0	.1	.2	.3	.3	.4	.4	.3	.2	.2	.3	.1	.4	.4	.1	.0	.0	23	.4
8	.0	BF	.1	.1	.0	.0	.0	.1	.2	.3	.3	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.2	.2	23	.3
9	.1	BF	.1	.1	.1	.0	.0	.0	.2	.9	1.1	.9	.6	.5	.5	.5	.4	.3	.2	.1	.1	.1	.1	.1	23	1.1
10	.0	BF	.0	.0	.1	.0	.1	.1	.1	.3	.5	.4	.3	.3	.3	.3	.3	.3	.2	.1	.1	.1	.1	.0	23	.5
11	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
12	.0	BF	.0	.0	.0	.0	.0	.0	.0	.4	BA	.9	5.3	7.0	.7	.7	.8	2.0	2.6	.6	.1	.0	.2	.4	22	7.0
13	.2	BF	.4	.6	.7	.8	.9	1.2	1.3	1.2	1.1	.9	.8	.6	.6	.6	.6	.7	1.0	1.0	1.0	1.1	1.1	1.6	23	1.6
14	1.4	BF	.9	.3	.1	.2	.1	.2	.5	.4	.3	.2	.2	.2	.3	.2	.2	.2	.2	.8	2.0	4.4	3.1	1.1	23	4.4
15	.3	BF	.2	.2	.4	.4	.4	AE	AE	AE	.6	.6	.5	.5	.5	.5	.5	.5	.4	.3	.4	.3	.4	.5	20	.6
16	.3	BF	.2	.1	.3	.3	.3	.4	.7	.4	.4	.5	.5	.5	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	23	.7
17	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	BC	BC	BC	BC	.0	.0	.0	.0	.0	.0	.0	.0	.0	19	0.0
18	.0	BF	.0	.0	.0	.0	.0	.2	.2	.2	.2	.2	.3	.3	.2	.3	.4	.4	.3	.4	.3	.2	.1	.1	23	.4
19	.1	BF	.0	.1	.1	.0	.0	.3	.3	AZ	AZ	AZ	.6	.6	.5	.6	.5	.5	.5	.5	.5	.5	.5	.7	20	.7
20	.9	BF	1.4	1.0	.8	1.0	1.0	1.3	1.5	1.4	BC	BC	BC	.8	.7	.8	.9	.8	1.0	.9	.8	.7	.7	.6	20	1.5
21	.5	BF	.2	.1	.3	.3	.5	2.3	1.3	1.1	1.9	3.1	1.3	1.0	2.4	4.2	2.6	1.6	.9	.8	.8	.7	.6	.5	23	4.2
22	.4	BF	.3	.4	.2	.3	.1	.2	.8	1.4	.9	.7	.6	.5	.5	.5	.5	.7	.9	1.2	1.1	.8	.9	.8	23	1.4
23	.7	BF	.4	.3	.3	.8	.6	.5	.6	.6	.4	.3	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.8
24	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.2	.2	.0	.0	23	.2
25	.0	BF	.0	.0	.0	.1	.0	.0	.0	.0	.0	.5	.4	.3	.4	.4	.4	.3	.3	.1	.1	.1	.0	.0	23	.5
26	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.3	.6	.4	1.1	1.5	.3	.1	.1	.1	23	1.5
27	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.3	.3	.3	.3	.3	.2	.2	.1	23	.4
28	.1	BF	.3	.2	.1	.1	.1	.2	1.0	2.3	2.9	2.1	1.7	2.3	2.7	1.8	.8	.7	.7	1.1	.8	.7	.6	.6	23	2.9
29	.4	BF	.3	.3	.2	.2	.2	.2	.2	.3	.6	.9	1.3	1.5	2.7	2.6	2.3	2.0	1.5	1.2	.9	.9	1.2	1.0	23	2.7
30	.7	BF	.2	.1	.0	.0	.0	.0	.6	.9	.7	.6	.5	.5	.5	.4	.4	.5	.4	.4	.5	.8	.8	.9	23	.9
31																									0	
NO.:	30		30	30	30	30	30	29	29	28	26	25	26	27	29	30	30	30	30	30	30	30	30	30		
MAX:	5.0		1.6	1.0	1.5	1.0	1.0	2.3	1.5	2.4	2.9	3.1	5.3	7.0	2.7	4.2	2.6	2.0	2.6	1.5	2.0	4.4	4.5	5.8		
AVG:	.43		.27	.21	.22	.23	.20	.34	.48	.66	.58	.62	.72	.76	.59	.63	.50	.51	.52	.49	.45	.56	.60	.63		

MONTHLY OBSERVATIONS: 669 MONTHLY MEAN: .48 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.

(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: DECEMBER 2014

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	BF	.6	.5	.3	.2	.2	.4	.7	.5	.4	.3	.3	.3	.3	.2	.2	.3	.3	.3	.3	.3	.1	.1	23	.9
2	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.1
3	.0	BF	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	23	.1
4	.0	BF	.0	.0	.0	.0	.0	.1	.4	.8	.9	.8	.6	.6	.7	.6	.5	.5	.7	.7	.8	.8	.8	.6	23	.9
5	.5	BF	.4	.4	.5	.5	.6	.6	.8	.8	.8	.7	.7	.7	.8	.6	.6	.5	.5	.5	.4	.4	.3	.2	23	.8
6	.2	BF	.1	.1	.2	.2	.3	.3	.3	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	23	.3
7	.0	BF	.0	.0	.0	.1	.1	.2	.4	.4	.4	.3	.2	.1	.1	.2	.2	.3	.2	.2	.3	.3	.3	.4	23	.4
8	.6	BF	.5	.4	.5	.5	.5	.4	.5	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	.1	.0	.0	23	.6
9	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.6	.6	.3	.1	.0	.1	.3	23	.6
10	.3	BF	.5	.6	.6	.5	.4	.5	.5	.4	.5	.9	.8	.6	.6	.4	.6	.8	.9	1.0	1.0	1.0	.9	.6	23	1.0
11	.4	BF	.2	.3	.3	.4	.5	.5	.5	.8	.9	.5	.4	.4	.4	.4	.3	.5	.9	.7	.5	.4	.2	.2	23	.9
12	.3	BF	.3	.3	.4	.3	.6	.8	.8	.6	.8	.5	.5	.4	.4	.4	.4	.6	1.2	1.1	1.1	1.0	.7	.6	23	1.2
13	.6	BF	.5	.4	.3	.3	.3	.6	.9	.8	.8	.8	.9	1.0	.8	.9	.8	.8	.9	1.2	1.4	1.2	.7	.4	23	1.4
14	.5	BF	2.5	1.9	1.2	1.6	2.0	.9	1.2	5.0	3.9	2.1	2.1	2.1	1.9	1.4	1.3	1.3	1.5	1.4	.8	1.0	1.3	1.3	23	5.0
15	1.9	BF	2.7	1.9	1.2	.4	.2	.3	.8	.7	.6	.7	.7	.7	.7	.7	.9	1.0	.9	.8	.5	.6	.7	.6	23	2.7
16	.7	BF	.2	.1	.0	.1	.1	.1	.1	.2	.8	.5	.3	.3	.3	.3	.2	.3	.3	.2	.0	.0	.0	.0	23	.8
17	.0	BF	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.1	.1	.1	.5	.9	.6	.5	.6	.4	.5	.4	23	.9
18	.3	BF	.7	1.5	1.0	.6	.4	.3	.5	BA	BA	.6	.7	1.4	3.0	1.7	2.6	1.7	.8	.8	.7	.7	.5	.6	21	3.0
19	.5	BF	.4	.4	.4	.8	1.0	1.5	2.5	3.0	1.1	2.1	2.1	2.5	4.9	4.3	3.6	3.5	1.7	1.1	.9	.9	.7	.6	23	4.9
20	.7	BF	.6	.8	1.0	.9	.9	1.0	1.3	1.3	1.0	1.0	1.0	1.0	.9	.8	.6	.5	.5	.5	.4	.1	.2	.2	23	1.3
21	.3	BF	.3	.4	.4	.4	.4	.4	.7	.9	1.1	1.2	1.5	2.1	2.7	2.7	1.4	1.2	1.1	1.2	1.3	1.2	1.0	.6	23	2.7
22	.7	BF	.5	.5	.4	.3	.2	.1	.3	.3	.2	.2	.2	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.7
23	.0	BF	.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	.0	BF	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
25	.0	BF	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.2	.1	.2	.3	23	.3
26	.1	BF	.1	.2	.2	.1	.1	.3	.4	.4	.3	.2	.2	.3	.4	.3	.2	.5	.5	1.3	.9	1.0	.7	.6	23	1.3
27	.5	BF	.6	.5	.4	.5	.5	.5	.5	.5	.6	.6	.7	.6	.4	.6	.7	.8	.7	.5	.5	.4	.5	.4	23	.8
28	.4	BF	.3	.3	.3	.2	.3	.3	.3	.4	.3	.2	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	23	.4
29	.0	BF	.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	.0	BF	.0	.0	.0	.0	.1	.3	.3	.3	.5	.3	.2	BA	.4	.4	.5	.5	.3	.2	.2	.2	.3	.2	22	.5
31	.0	BF	.1	.1	.1	.2	.5	.5	.5	1.0	3.5	3.0	2.0	1.2	.8	.7	.7	.7	.7	1.0	1.3	1.0	.9	.9	23	3.5
NO.:	31		31	31	31	31	31	31	31	30	30	31	31	30	31	31	31	31	31	31	31	31	31	31		
MAX:	1.9		2.7	1.9	1.2	1.6	2.0	1.5	2.5	5.0	3.9	3.0	2.1	2.5	4.9	4.3	3.6	3.5	1.7	1.4	1.4	1.2	1.3	1.3		
AVG:	.34		.39	.37	.31	.29	.33	.36	.50	.67	.67	.59	.55	.58	.69	.59	.55	.59	.52	.51	.47	.42	.37	.33		

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: .48 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.

QUALIFIER CODES:

Qualifier Code	Qualifier Description	Qualifier Type
AE	Shelter Temperature Outside Limits	NULL
AK	Filter Leak	NULL
AN	Machine Malfunction	NULL
AS	Poor Quality Assurance Results	NULL
AT	Calibration	NULL
AV	Power Failure	NULL
AX	Precision Check	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
BJ	Operator Error	NULL
BK	Site computer/data logger down	NULL
BL	QA Audit	NULL

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