UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

User ID: XJLSTEGER

RAW DATA REPORT

Report Request ID: 1657127

Report Code: AMP350

May. 30, 2018

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		

AGENCY SELECTIONS

North Carolina Dept Of Environmental Quality

SELECTED OPTIONS

Option Type	Option Value
INCLUDE NULLS	YES
DAILY STATISTICS	MAXIMUM
UNITS	STANDARD
RAW DATA EVENTS	INCLUDE EVENTS
MERGE PDF FILES	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
2015 01 01	2015 12 31

APPLICABLE STANDARDS

Standard Description
SO2 1-hour 2010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
RAW DATA REPORT

May. 30, 2018

(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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2015

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	.8	.7	.8	.8	1.0	BJ	.9	.8	.8	.9	1.3	1.1	.9	.9	.8	.9	.8	.7	3.0	1.0	3.0	1.2	1.3	1.1	23	3.0
2	1.0	.9	1.0	1.0	1.1	BJ	1.2	1.1	1.0	1.1	.9	1.1	.9	.8	.7	.7	.6	.6	.6	.5	.5	.5	.5	.5	23	1.2
3	.5	.5	.5	.5	.4	BJ	.5	.5	.5	.6	.5	.5	.4	.4	.4	.3	.3	.3	.3	.2	.3	.2	.3	.3	23	.6
4	.5	.5	.3	.3	.2	BJ	.2	.4	.8	1.2	4.5	2.4	1.5	.9	.6	.4	.2	.2	.2	.2	4.5	2.0	.9	.6	23	4.5
5	.4	.3	.2	.3	.3	BJ	.4	BA	.4	.3	.4	.8	.4	.6	.7	.8	.9	.9	.8	.6	.5	.5	.3	.4	22	.9
6	.5	.4	.4	.4	.4	BF	.5	.4	.5	1.0	.9	1.0	.7	.6	.6	.6	.6	.7	.6	.6	.7	.6	.6	.7	23	1.0
7	.6	.6	.5	.6	.6	BF	.6	.7	.6	.8	1.0	1.7	1.3	1.4	1.1	1.0	1.1	1.0	1.2	1.3	1.1	.8	1.0	1.2	23	1.7
8	1.3	1.0	.9	.8	.9	BF	1.0	1.0	.9	1.0	1.2	1.2	1.3	1.2	1.0	.9	.9	.9	.9	.8	1.0	1.1	10.7	1.4	23	10.7
9	1.1	5.4	AV	AV	AV	AV	AV	AV	AV	1.9	1.2	1.1	.9	1.0	1.0	1.2	1.5	1.5	1.5	1.4	1.5	1.5	1.4	1.3	17	5.4
10	1.4	1.5	1.2	1.1	1.1	BF	1.1	1.1	1.3	1.7	1.8	2.1	2.2	2.1	2.0	1.9	1.8	1.5	1.2	1.2	1.3	1.0	1.0	.9	23	2.2
11	.9	.8	.9	.9	.8	BF	.9	.9	1.0	1.3	1.5	1.4	1.3	1.3	1.2	1.2	1.2	1.0	1.0	1.0	1.0	1.0	.9	.9	23	1.5
12	.8	.9	.8	.8	.8	BF	.9	.8	.8	.7	.6	.7	.7	.7	.7	.8	.7	.7	.7	.6	.7	.6	.5	.6	23	.9
13	.5	.6	.6	.6	1.0	BF	1.0	.9	.8	.8	.9	.8	.7	.8	.8	.7	.7	.7	.7	.7	.6	.7	.5	.6	23	1.0
14	.6	.7	.6	.6	.6	BF	.8	.7	.7	.7	.6	.7	.6	.6	.6	.7	.6	.6	.6	.6	.6	.6	.5	.7	23	.8
15	.7	.6	.6	.6	.6	BF	.6	.5	.6	.7	.9	.8	.7	.8	.7	.8	.6	.6	.6	.7	.6	.6	.6	.6	23	.9
16	.6	.6	.5	.6	.6	BF	.6	.5	.6	.5	.8	1.0	.9	.8	.9	.9	.8	.8	.9	.8	.8	.7	.7	.7	23	1.0
17	.7	.7	.7	.7	.6	BF	.7	.7	.9	1.2	1.4	1.4	1.3	1.1	1.2	1.1	1.0	.9	.8	.8	.8	.7	.6	.7	23	1.4
18	.7	.7	.7	.6	.6	BF	.7	.6	.5	.6	.9	.9	.8	.6	1.8	1.6	.9	.8	.7	.7	.7	.6	.6	.6	23	1.8
19	.6	.7	.6	.5	.6	BF	.6	.8	.8	.8	1.0	.9	1.1	1.2	.9	.9	.9	1.1	.9	.8	.7	.7	1.8	2.1	23	2.1
20	1.2	1.9	3.0	2.9	3.0	BF	1.4	1.2	1.3	1.3	1.3	1.2	1.7	1.3	1.2	1.0	2.7	1.5	1.2	1.1	1.7	2.8	2.7	2.0	23	3.0
21	1.9	2.6	2.7	1.5	1.1	BF	.8	.6	.6	.7	.9	.9	1.2	6.3	2.5	1.2	1.1	1.1	1.3	1.3	1.1	.9	.7	.7	23	6.3
22	.7	.6	.6	.6	.5	BF	.6	.6	.7	.8	2.1	7.6	4.1	1.7	1.4	1.2	1.1	1.2	1.1	.9	.9	.7	.7	.7	23	7.6
23	.7	.6	.6	.5	.5	BF	.7	.6	.7	.8	1.0	1.1	1.0	.9	.9	.8	.8	.7	.7	.7	.6	.7	.7	.6	23	1.1
24	.6	.6	.6	2.4	2.8	BF	.8	.6	.5	.4	.5	.6	.6	.6	.5	.5	.6	.6	.6	.7	.6	.6	.5	.6	23	2.8
25	.7	.8	.8	.8	.8	BF	.8	.9	1.0	1.0	1.1	1.2	1.0	1.3	3.5	1.9	1.1	.9	.8	.8	.7	.7	.7	.6	23	3.5
26	.6	.5	.6	.5	.6	BF	.6	.5	.6	.6	.8	.8	.8	.9	1.0	.9	.9	.7	.6	.6	.5	.6	.6	.7	23	1.0
27	.6	.5	.5	.5	.6	BF	.8	.7	.9	1.0	1.3	1.9	1.8	1.9	1.8	1.7	1.8	1.7	1.6	1.6	1.6	1.5	1.4	1.4	23	1.9
28	1.4	1.3	1.2	1.3	1.2	BF	1.4	1.4	1.8	2.0	2.0	1.6	1.5	1.5	1.4	1.5	1.4	1.5	1.5	1.5	1.4	1.3	1.1	1.0	23	2.0
29	.9	1.0	1.1	.9	1.0	BF	1.2	1.1	1.4	2.5	2.4	2.1	2.0	2.8	3.9	2.1	1.5	1.4	1.4	1.3	1.3	1.5	1.5	1.3	23	3.9
30	1.2	1.2	8.4	2.1	1.8	BF	1.4	1.1	1.0	1.1	1.2	1.1	1.0	1.0	.8	.7	.8	.9	.9	1.0	.8	.7	.7	.8	23	8.4
31	.8	.8	.9	.9	1.0	BF	.9	1.0	1.1	1.3	1.4	1.5	1.4	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.4	1.2	1.5	23	1.5
NO.:	31	31	30	30	30		30	29	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	1.9	5.4	8.4	2.9	3.0		1.4	1.4	1.8	2.5	4.5	7.6	4.1	6.3	3.9	2.1	2.7	1.7	3.0	1.6	4.5	2.8	10.7	2.1		
AVG:	.82	.98	1.09	.89	.90		.82	.78	.84	1.01	1.24	1.39	1.18	1.27	1.22	1.04	1.00	.93	.97	.87	1.07	.93	1.20	.90		

MONTHLY OBSERVATIONS: 706 MONTHLY MEAN: 1.02 MONTHLY MAX: 10.7

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

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LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
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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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2015

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	7.6	2.2	2.2	1.9	1.7	BF	1.5	1.4	1.6	1.6	2.0	3.0	2.4	1.7	2.0	1.4	1.3	1.2	1.1	.9	.9	1.0	1.1	.9	23	7.6
2	.9	.9	.8	.7	.7	BF	.9	1.1	9.0	1.8	1.1	1.8	1.5	1.2	.9	.8	.9	1.0	1.3	1.7	2.0	1.9	1.8	1.6	23	9.0
3	1.5	1.3	1.2	1.1	1.0	BF	1.0	1.0	1.1	1.6	1.5	1.2	1.1	1.0	1.1	1.1	1.0	1.0	1.2	1.3	1.5	1.3	1.2	1.3	23	1.6
4	1.2	.9	.8	.8	.8	BF	1.0	.9	.8	.9	1.1	1.1	1.1	1.0	1.0	1.0	.9	.9	.9	.8	.8	.8	.9	.8	23	1.2
5	.8	.8	.7	.7	.7	BF	.8	.8	.8	1.0	1.1	1.3	1.7	2.1	2.6	2.4	1.8	1.1	1.1	1.1	.9	.9	1.0	1.1	23	2.6
6	1.2	1.5	1.2	1.0	1.0	BF	1.2	1.1	1.4	1.6	1.6	1.5	1.7	1.6	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.0	23	1.7
7	1.1	1.2	1.2	1.1	1.2	BF	1.1	1.2	1.6	1.9	2.2	1.9	2.4	3.3	1.8	4.1	3.6	1.6	1.6	7.8	2.7	2.4	1.7	1.4	23	7.8
8	1.3	1.3	1.4	1.6	1.4	BF	1.3	1.3	1.2	1.4	1.4	1.4	1.3	1.0	1.0	1.0	1.2	1.2	1.1	1.1	1.1	1.2	1.4	4.3	23	4.3
9	4.1	4.6	2.8	2.2	1.6	BF	1.6	1.4	1.7	1.7	2.4	2.9	1.9	1.4	1.4	1.7	1.3	1.2	1.1	1.3	1.2	1.0	.8	.8	23	4.6
10	.7	.8	.7	.7	.6	BF	.7	.6	.7	.7	.7	.7	.7	.7	.7	.8	.8	.8	.7	.8	.9	.9	1.0	1.0	23	1.0
11	1.2	.9	.8	.8	.8	BF	.9	.8	.7	.7	.8	.7	.7	.7	.8	1.1	1.2	1.2	.8	.6	.8	.7	.8	.6	23	1.2
12	.8	.7	.8	.7	.7	BF	1.4	1.2	1.1	1.3	1.5	1.6	1.5	1.4	1.4	1.5	1.7	1.2	1.0	.9	.8	.9	1.0	1.0	23	1.7
13	1.1	1.0	1.0	.9	1.1	BF	1.2	1.2	1.4	1.6	1.7	1.6	1.6	1.5	1.6	1.6	1.5	1.6	1.3	1.1	1.1	1.4	1.5	1.3	23	1.7
14	1.1	1.2	1.7	1.6	1.4	BF	3.3	1.8	4.5	6.3	4.4	1.8	2.9	2.8	2.2	1.7	2.3	2.1	3.7	3.3	13.4	6.1	1.5	1.3	23	13.4
15	1.2	1.1	1.1	1.2	1.2	BF	1.3	1.6	1.7	1.7	1.6	1.5	1.3	1.3	1.2	1.3	1.3	1.3	1.3	1.5	1.5	1.5	1.5	1.5	23	1.7
16	1.6	1.6	1.4	1.5	1.6	BF	2.3	1.9	2.0	2.2	2.2	1.9	1.6	1.6	1.7	1.6	1.5	1.4	1.3	1.4	1.6	1.3	1.3	1.2	23	2.3
17	1.2	1.2	1.2	1.2	1.1	BF	1.2	1.2	1.6	1.8	1.3	1.3	1.2	1.1	1.1	1.1	1.3	1.3	1.2	1.2	1.3	1.2	1.2	1.2	23	1.8
18	1.3	1.8	2.5	2.8	2.5	BF	2.5	2.5	3.1	3.6	3.9	3.9	4.1	3.8	3.5	3.4	2.6	1.9	1.6	1.5	1.6	1.3	1.4	1.5	23	4.1
19	1.3	1.4	1.5	1.4	1.5	BF	1.6	1.9	1.9	1.9	2.3	2.1	2.1	2.4	2.5	2.3	1.9	1.7	1.5	1.6	1.8	2.0	1.7	1.8	23	2.5
20	1.7	1.8	1.9	2.0	2.1	BF	2.6	2.7	2.9	3.0	2.9	2.9	2.9	2.8	2.8	2.9	2.9	2.9	2.6	2.0	1.9	1.7	1.7	2.1	23	3.0
21	2.2	2.2	2.4	2.3	2.1	BF	1.6	1.6	2.0	2.0	2.0	1.8	1.8	1.6	1.5	1.5	1.5	1.4	1.5	1.5	1.4	1.3	1.4	1.4	23	2.4
22	1.3	1.4	1.4	1.3	1.2	BF	1.3	1.2	1.2	1.3	1.6	1.5	1.4	1.3	1.2	1.4	1.2	1.2	1.1	1.1	1.0	1.1	1.0	1.1	23	1.6
23	1.0	.9	1.0	1.0	1.0	BF	.9	1.0	.9	1.1	1.2	BC	BC	BC	BC	.8	1.2	1.7	1.2	.8	.7	1.2	.8	.5	19	1.7
24	.4	.3	.2	.2	.1	BF	.3	.4	.4	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	23	.4
25	.0	.0	.0	.0	.0	BF	.2	.0	.1	.1	.3	.4	.2	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
26	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.5	.1	23	.5
27	.0	.0	.1	.0	.1	BF	.2	.1	.5	.5	1.0	.9	.8	.9	1.1	1.7	1.0	1.2	.9	1.1	.4	.4	.2	.1	23	1.7
28	.1	.2	.2	.3	.5	BF	.6	.7	1.5	2.0	1.2	1.4	1.3	1.3	1.3	1.3	1.4	1.4	.9	.6	.3	.2	.2	.2	23	2.0
29																									0	
30																									0	
31																									0	
NO.:	28	28	28	28	28		28	28	28	28	28	27	27	27	27	28	28	28	28	28	28	28	28	28		
MAX:	7.6	4.6	2.8	2.8	2.5		3.3	2.7	9.0	6.3	4.4	3.9	4.1	3.8	3.5	4.1	3.6	2.9	3.7	7.8	13.4	6.1	1.8	4.3		
AVG:	1.35	1.19	1.15	1.11	1.06		1.23	1.16	1.69	1.63	1.61	1.57	1.53	1.48	1.40	1.46	1.38	1.24	1.19	1.36	1.53	1.26	1.07	1.11		

MONTHLY OBSERVATIONS: 640 MONTHLY MEAN: 1.34 MONTHLY MAX: 13.4

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

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LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

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

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2015

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	.1	.1	.1	.2	BF	.1	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
2	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	23	.1
3	.0	.0	.0	.0	.0	BF	.5	.9	1.2	1.0	.8	.6	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.2
4	.0	.0	.7	1.4	.1	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.4	23	1.4
5	.2	.0	.0	.0	.0	BF	.0	.0	.0	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
6	.0	.0	.0	.0	.0	BF	.2	.4	.4	.4	.3	.5	.3	.1	.0	.0	.0	.0	.1	.0	.1	.4	.5	.3	23	.5
7	.2	.1	.1	.1	.0	BF	.0	.0	1.0	1.1	.9	1.1	.7	.5	.6	.8	1.6	.5	.3	.3	.1	.2	1.3	2.0	23	2.0
8	.4	.2	.2	.2	.2	BF	.2	.3	.3	.4	.4	.2	.1	.1	.0	.0	.0	.3	.2	.0	.1	.4	2.3	1.7	23	2.3
9	.9	1.0	.6	.5	1.0	BF	1.4	2.4	1.1	1.6	.7	.5	.3	.2	.2	.3	.4	.2	.4	1.0	.4	.0	.0	.2	23	2.4
10	.2	.2	.2	.1	.0	BF	.3	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
11	.0	.5	.2	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.5
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	.2	1.0	.0	.0	.0	23	1.0
15	.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
16	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	1.0	.0	.0	.0	.0	2.2	.3	.0	23	2.2
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	.0	.1	.1	.3	.3	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	1.1	23	1.1
19	.3	.1	.6	1.3	.3	BF	.0	.0	.1	.1	.2	.3	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	1.3
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	1.0	23	1.0
22	1.3	.2	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.3
23	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	BA	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	0.0
24	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	11	0.0
25	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BC	BC	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11	0.0
26	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.1
27	.2	2.6	.3	.0	5.3	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	5.3
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	.1	.3	.0	BF	.0	.2	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4	.6	.0	.2	23	.6
30	1.5	1.8	6.3	3.3	3.4	BF	7.3	4.4	1.6	.8	.5	.3	.1	.1	.2	.3	.2	.2	.1	.0	.0	.0	.5	.1	23	7.3
31	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.5	5.7	.5	.2	.0	.0	.3	.1	.0	.0	3.8	19.9	2.9	.6	23	19.9
NO.:	30	30	30	30	30		30	30	30	30	30	29	28	30	30	30	30	30	30	30	30	30	30	30		
MAX:	1.5	2.6	6.3	3.3	5.3		7.3	4.4	1.6	1.6	.9	5.7	.7	.5	1.1	.8	1.6	.5	.4	1.0	3.8	19.9	2.9	2.0		
AVG:	.18	.23	.31	.24	.35		.34	.29	.21	.21	.16	.34	.11	.06	.08	.07	.12	.05	.04	.05	.20	.79	.26	.25		

MONTHLY OBSERVATIONS: 687 MONTHLY MEAN: .22 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: 37-013-0151 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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2015

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	.6	.2	.0	.1	.1	BF	.1	.1	.0	-.1	-.3	-.4	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.2	-.3	23	.6
2	-.3	-.3	-.4	-.5	-.4	BF	-.4	-.2	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.3	-.4	-.3	-.2	-.3	-.2	-.2	-.2	-.2	23	-.2
3	-.3	-.3	-.2	2.1	.1	BF	.0	.3	.9	4.9	4.5	3.4	.2	.1	-.2	-.3	-.3	-.3	-.4	-.4	-.3	-.3	-.2	.3	23	4.9
4	1.0	2.3	6.9	16.4	15.1	BF	.9	.6	.5	-.1	-.3	-.4	-.4	-.4	-.5	-.3	-.4	-.4	-.5	-.4	-.3	-.3	-.4	-.4	23	16.4
5	-.4	-.4	-.5	-.5	-.5	BF	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	23	-.3
6	-.4	-.4	-.4	-.5	-.5	BF	-.4	-.4	-.3	-.3	-.4	-.3	-.4	-.5	-.4	-.4	-.5	-.3	-.4	-.4	-.4	-.5	-.5	-.4	23	-.3
7	-.5	-.5	-.5	-.4	-.5	BF	-.4	-.4	-.5	-.4	-.3	-.4	-.4	-.4	-.3	-.3	-.4	-.5	-.5	-.4	-.4	-.3	-.1	-.1	23	-.1
8	-.3	-.4	-.4	-.4	-.4	BF	-.5	-.5	-.4	-.3	-.3	-.4	-.4	-.5	-.4	-.4	-.3	-.3	-.3	-.4	-.4	-.5	-.5	-.5	23	-.3
9	-.5	-.5	-.5	-.5	-.5	BF	-.5	-.5	-.6	-.5	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	23	-.4
10	-.5	-.5	-.5	-.5	-.4	BF	2.1	6.7	1.5	1.2	1.5	1.7	1.5	.8	-.3	-.3	-.4	-.4	-.4	-.4	-.3	-.3	.6	8.1	23	8.1
11	.2	-.2	-.3	-.3	-.3	BF	-.4	-.4	-.3	-.1	.0	-.1	-.1	-.1	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.1	23	.2
12	-.2	-.2	-.4	-.5	-.4	BF	-.4	-.2	.0	-.1	-.2	-.3	-.2	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.5	23	0.0
13	-.5	-.5	-.5	-.5	-.5	BF	-.4	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.4	-.3	-.5	-.5	-.5	-.5	-.5	-.4	-.5	-.5	23	-.3
14	-.5	-.5	-.5	-.5	-.5	BF	-.4	-.5	-.4	2.8	.6	2.8	1.0	.2	.4	-.2	-.4	-.5	-.5	-.5	-.1	-.2	-.3	-.2	23	2.8
15	1.9	-.3	-.4	-.5	-.5	BF	-.5	-.5	-.5	-.4	-.5	-.5	-.4	-.4	-.3	-.3	-.4	-.5	-.5	-.4	-.4	-.4	-.4	-.4	23	1.9
16	-.4	-.4	-.5	-.5	-.4	BF	-.4	-.4	-.4	-.3	-.4	-.4	-.5	-.5	-.5	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.4	-.5	23	-.3
17	-.5	-.5	-.5	-.5	-.5	BF	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.5	23	-.4
18	-.3	-.4	-.4	-.4	-.5	BF	-.4	-.5	-.5	-.4	-.4	-.3	-.1	-.3	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	23	-.1
19	-.5	-.5	-.5	-.5	-.5	BF	-.5	-.5	-.5	-.5	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.5	-.5	-.5	23	-.4
20	-.5	-.6	-.5	-.4	-.4	BF	-.5	-.6	-.5	-.5	-.5	-.5	-.3	-.5	.8	.4	-.1	.0	-.1	-.2	-.4	-.3	-.4	-.2	23	.8
21	-.2	1.1	.3	-.3	-.3	BF	-.4	-.4	-.5	-.5	-.5	-.4	-.3	-.4	BA	-.4	-.3	-.4	-.4	-.5	-.4	-.3	-.4	-.4	22	1.1
22	.3	.0	.0	-.2	-.3	BF	-.4	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.5	-.5	-.4	-.4	-.4	.9	-.1	1.9	1.3	2.7	23	2.7
23	.5	.1	-.1	-.2	-.3	BF	-.3	-.3	-.2	-.2	-.1	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.4	-.3	.4	.0	23	.5
24	-.2	-.1	-.2	-.2	-.3	BF	-.3	-.3	-.2	-.3	-.2	-.3	-.3	-.2	-.3	-.3	-.2	-.2	-.3	-.4	-.3	-.2	1.4	3.6	23	3.6
25	.3	.1	.1	.0	-.1	BF	-.2	-.2	.1	.2	.2	1.1	.3	1.4	.0	-.2	-.3	-.4	-.4	-.4	-.4	-.5	-.5	-.5	23	1.4
26	-.5	-.5	-.4	-.5	-.5	BF	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.4	-.4	-.4	-.4	-.5	-.5	23	-.4
27	-.5	-.5	-.4	-.4	-.5	BF	-.4	-.4	-.3	-.3	-.3	-.3	-.2	-.1	-.1	-.1	-.1	-.2	-.4	-.4	-.4	-.4	-.4	-.5	23	-.1
28	-.5	-.5	-.5	-.4	-.4	BF	-.3	-.2	-.2	-.1	-.2	-.3	-.4	-.3	-.4	-.4	-.3	-.2	-.3	-.4	-.3	-.4	-.4	-.3	23	-.1
29	2.9	.5	.3	.1	.1	BF	.0	.0	.1	.0	-.2	-.3	-.3	2.0	1.2	.6	.0	-.3	-.3	-.2	-.3	-.3	-.4	-.2	23	2.9
30	-.2	-.3	-.4	-.4	-.5	BF	-.3	-.3	-.4	-.4	-.3	-.5	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.4	23	-.2
31																									0	
NO.:	30	30	30	30	30		30	30	30	30	30	30	30	30	29	30	30	30	30	30	30	30	30	30		
MAX:	2.9	2.3	6.9	16.4	15.1		2.1	6.7	1.5	4.9	4.5	3.4	1.5	2.0	1.2	.6	0.0	0.0	-.1	.9	-.1	1.9	1.4	8.1		
AVG:	-.03	-.17	-.08	.27	.15		-.23	-.07	-.20	.03	-.06	-.02	-.19	-.17	-.23	-.28	-.34	-.36	-.39	-.35	-.37	-.30	-.22	.17		

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: -.15 MONTHLY MAX: 16.4

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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2015

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	-.5	-.5	-.5	-.5	-.5	BF	-.4	-.5	-.5	-.4	-.4	-.4	-.5	-.4	-.4	-.5	-.5	-.5	-.4	-.5	-.5	-.5	-.5	-.5	23	-.4
2	-.5	-.5	-.5	-.5	-.5	BF	-.4	-.4	-.3	-.3	.0	-.1	-.2	-.3	-.2	-.2	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.3	23	0.0
3	.5	4.0	1.0	.6	.2	BF	.1	.1	.1	-.1	-.3	.0	-.3	-.3	-.3	-.4	-.4	-.2	-.3	-.4	.9	3.1	.1	-.1	23	4.0
4	-.1	.1	-.1	-.2	-.2	BF	-.2	-.1	-.1	-.1	-.2	3.0	.7	-.3	-.3	-.4	-.3	-.3	-.3	-.4	-.4	-.5	-.3	-.2	23	3.0
5	-.2	-.1	1.5	.3	.2	BF	.1	.5	.4	.1	.4	-.1	-.3	-.4	-.3	-.4	-.3	-.2	-.2	-.3	-.3	-.3	-.3	-.4	23	1.5
6	-.4	-.4	-.4	-.4	-.4	BF	-.3	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.3	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.5	23	-.3
7	-.4	-.5	-.4	-.5	-.4	BF	-.4	-.4	-.4	-.4	-.4	-.3	-.4	.0	-.4	-.4	-.4	-.4	-.3	-.3	-.3	-.4	-.4	-.3	23	0.0
8	-.4	-.3	-.4	-.3	-.4	BF	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.4	23	-.3
9	-.4	-.5	-.5	-.4	-.5	BF	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.5	23	-.4
10	-.4	-.4	-.4	-.4	-.4	BF	-.4	-.4	-.4	-.4	-.5	-.5	-.5	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	23	-.3
11	-.4	-.4	-.4	-.4	-.4	BF	-.4	-.4	.5	7.0	.7	.2	7.3	1.0	.0	3.4	1.0	-.1	.9	4.5	.1	1.6	6.2	4.2	23	7.3
12	.9	.1	-.1	2.5	.6	BF	3.7	.5	.0	-.2	-.2	-.2	-.2	-.2	.1	-.1	-.3	-.2	-.3	-.2	-.1	2.8	.2	-.1	23	3.7
13	.1	-.2	-.3	-.4	-.4	BF	-.2	-.3	-.2	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.2	-.2	-.3	-.3	-.4	-.3	-.3	23	.1
14	-.3	-.3	-.3	-.4	-.2	BF	.2	.0	.0	.0	-.1	-.2	-.3	-.2	-.4	-.3	-.4	-.4	-.3	-.4	-.3	-.2	-.3	-.4	23	.2
15	-.4	-.4	-.4	-.4	-.4	BF	-.4	-.4	-.3	-.3	-.3	-.3	-.4	-.3	.5	.4	.0	-.2	-.3	-.4	-.3	-.4	-.4	-.3	23	.5
16	-.3	-.1	.8	.5	.5	BF	.4	.6	.3	.5	1.2	.5	-.1	.1	-.2	-.2	-.3	-.3	-.3	-.2	-.1	-.4	-.3	2.1	23	2.1
17	5.3	1.1	.7	.4	.2	BF	.7	.5	.3	.0	.0	-.2	.0	.8	.4	.3	.0	-.3	-.3	-.3	-.2	9.8	8.3	1.0	23	9.8
18	.1	-.1	-.2	-.2	-.2	BF	.0	.0	-.1	.0	-.1	-.1	-.2	-.3	-.2	-.3	-.3	-.4	-.1	.0	-.1	-.3	3.6	2.6	23	3.6
19	.2	.0	-.2	-.3	-.3	BF	-.2	-.3	-.3	-.2	-.3	-.2	-.2	-.3	-.4	-.3	-.4	.1	.3	-.2	-.3	-.4	.3	-.1	23	.3
20	-.3	-.3	-.3	-.3	-.3	BF	-.3	-.3	-.2	-.3	-.2	-.1	.2	.3	.3	.2	.0	.0	-.1	-.2	-.1	-.1	-.2	-.2	23	.3
21	-.2	-.2	-.2	-.2	-.2	BF	-.2	-.1	-.1	BA	-.2	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	22	-.1
22	-.4	-.4	-.5	-.5	-.4	BF	-.4	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.2	-.3	-.4	-.4	-.4	-.3	23	-.2
23	-.4	-.4	-.3	-.3	-.3	BF	-.3	-.3	-.1	.0	-.1	.0	.1	.0	.0	.0	.0	-.1	-.1	-.1	-.2	-.3	-.3	-.3	23	.1
24	-.4	-.4	-.4	-.4	-.4	BF	-.3	-.3	-.2	-.2	.0	.1	-.2	-.3	-.3	-.2	-.3	-.2	-.3	-.2	-.2	-.2	-.3	-.3	23	.1
25	-.3	-.3	-.3	-.3	-.3	BF	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.3	-.3	-.4	-.4	-.4	-.3	-.4	-.3	-.3	-.4	23	-.2
26	-.4	-.4	-.3	-.4	-.4	BF	-.3	-.4	-.3	-.1	.4	.3	-.2	-.3	-.3	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.3	23	.4
27	-.3	-.3	-.3	-.3	-.3	BF	-.3	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.4	-.3	-.2	-.3	-.2	-.3	23	-.2
28	-.3	-.3	-.3	-.2	-.2	BF	-.2	-.3	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.2	-.2	-.2	-.3	-.3	23	-.2
29	-.3	-.2	-.3	-.3	-.3	BF	-.2	-.3	-.3	-.2	-.2	-.2	-.3	-.2	-.3	-.3	-.3	-.3	-.2	-.2	-.3	-.3	-.3	-.2	23	-.2
30	-.2	-.2	-.3	-.3	-.2	BF	-.1	-.2	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	23	-.1
31	-.3	-.2	-.2	-.2	-.2	BF	-.1	-.2	-.1	.1	1.4	-.1	-.1	-.1	-.2	-.2	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	23	1.4
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:	5.3	4.0	1.5	2.5	.6		3.7	.6	.5	7.0	1.4	3.0	7.3	1.0	.5	3.4	1.0	.1	.9	4.5	.9	9.8	8.3	4.2		
AVG:	-.05	-.10	-.15	-.15	-.23		-.06	-.17	-.15	.07	-.06	-.05	.03	-.16	-.19	-.12	-.24	-.27	-.23	-.14	-.24	.26	.34	.05		

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: -.09 MONTHLY MAX: 9.8

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: 37-013-0151 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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2015

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	BF	.8	.5	.3	.4	1.2	.1	.0	-.1	.0	.1	.0	-.1	-.2	-.1	-.2	-.1	-.1	.0	23	1.2
2	-.1	-.1	-.1	-.1	.0	BF	3.1	4.0	1.8	1.0	.6	.2	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.2	23	4.0
3	-.2	-.2	-.2	-.1	-.2	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0
4	-.1	-.1	-.1	-.1	-.1	BF	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	23	0.0
5	-.1	.0	-.1	.0	-.1	BF	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	-.1	.0	.0	-.1	.0	.0	23	0.0
6	.0	-.1	.0	.0	.0	BF	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
7	.0	.0	.0	.0	.0	BF	.0	.0	.1	.0	.1	.1	.1	.1	.1	.0	.0	.1	.0	.0	.1	.0	.1	.2	23	.2
8	.3	.2	.2	.1	.0	BF	.1	.1	.2	1.8	.6	1.1	.5	.4	.2	.2	.3	.2	.2	.1	.1	.1	.1	.1	23	1.8
9	.1	.1	4.9	13.9	7.0	BF	.7	.3	.3	.3	.2	.1	.1	.2	.1	1.6	.7	2.0	.5	.4	.4	.2	.1	.1	23	13.9
10	.2	.1	.1	2.3	2.6	BF	1.4	1.0	.4	.4	.3	1.3	4.2	.8	.2	.3	.3	.4	.3	.5	.5	.2	.3	2.8	23	4.2
11	1.2	2.4	2.9	3.9	2.6	BF	.7	.6	.6	.8	.9	.5	.5	.4	.5	.3	.3	.3	.3	.2	.2	.2	1.9	1.3	23	3.9
12	.6	.5	2.2	5.2	9.3	BF	1.9	.9	.7	.5	.5	.7	.5	.9	.9	.5	.4	1.0	.5	.3	.4	3.0	1.3	.5	23	9.3
13	.4	.4	.3	.3	.4	BF	.4	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	.3	23	.4
14	.3	.3	.2	.3	.3	BF	.4	.4	.5	.6	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	23	.6
15	.3	.4	.4	.4	.4	BF	.4	.3	.3	.4	.4	.4	.4	.5	.4	.4	.4	.9	.5	.5	3.9	3.2	1.2	.8	23	3.9
16	.6	.5	.4	.4	.4	BF	.5	.6	.7	.7	.7	.5	.5	.5	.5	.5	.4	.4	.5	.5	1.6	1.6	.7	.6	23	1.6
17	.5	.5	.5	.4	.5	BF	.7	.9	1.0	.6	.6	.6	.5	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	23	1.0
18	.4	4.0	3.8	8.4	1.3	BF	.7	.5	.6	2.5	1.0	.6	.7	.5	.5	.5	.9	.5	2.1	.5	.5	.4	.4	.4	23	8.4
19	.3	11.4	1.9	.7	.6	BF	.6	.5	.4	.5	.5	BA	BA	.6	.5	.5	.5	.5	.4	.5	2.8	1.7	.8	.5	21	11.4
20	.4	1.5	4.4	2.7	1.0	BF	.8	.6	.6	.5	.6	1.4	.8	.5	.5	.5	.5	.5	.4	.4	.5	.5	.5	.5	23	4.4
21	.5	2.3	8.5	1.3	.8	BF	.8	.6	.5	.5	.5	.5	.5	.5	.4	.5	.5	.5	.4	.5	1.7	1.6	2.7	.8	23	8.5
22	.7	.9	.6	.6	.6	BF	.6	.7	.9	.9	.8	.8	.7	.7	.7	.6	.7	.8	.7	.6	.7	.6	.6	.6	23	.9
23	.7	2.4	8.9	7.6	2.0	BF	.9	.8	1.1	1.9	1.7	1.5	1.1	1.0	1.0	.8	.7	.8	.8	.9	1.0	1.0	1.0	2.4	23	8.9
24	8.6	3.9	9.5	6.6	4.8	BF	1.4	1.0	1.0	1.0	1.0	1.0	.9	.9	.8	.8	.8	.9	.8	.8	.8	.7	.8	.9	23	9.5
25	.9	.9	.8	.9	.7	BF	.9	.9	BA	BA	BA	.9	.9	.9	.9	.8	.9	.8	.9	.9	1.0	1.0	2.7	1.3	20	2.7
26	2.1	.9	6.5	1.7	3.9	BF	1.0	1.6	3.6	BA	BA	BC	BC	.2	.0	.0	.2	.0	-.2	-.1	-.2	-.2	-.2	-.1	19	6.5
27	-.2	-.1	-.2	-.1	-.1	BF	-.1	-.1	.0	.0	.1	.0	-.1	.0	.0	.4	.0	.0	1.4	4.5	10.8	3.7	.3	.1	23	10.8
28	.0	.0	.1	.2	.1	BF	.1	.1	.1	.1	.1	.2	.2	.1	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	23	.2
29	.2	.2	.2	.2	.2	BF	.3	.2	.3	.4	.3	.3	.4	.4	.4	.4	.3	.3	.3	.4	.3	.6	5.7	2.0	23	5.7
30	4.0	3.7	.6	.6	1.8	BF	1.0	.7	.7	.6	1.1	1.1	.8	.6	.8	.5	.6	.6	.5	.6	3.1	4.4	4.6	8.7	23	8.7
31																									0	
NO.:	30	30	30	30	30		30	30	29	28	28	28	28	30	30	30	30	30	30	30	30	30	30	30		
MAX:	8.6	11.4	9.5	13.9	9.3		3.1	4.0	3.6	2.5	1.7	1.5	4.2	1.0	1.0	1.6	.9	2.0	2.1	4.5	10.8	4.4	5.7	8.7		
AVG:	.75	1.23	1.90	1.94	1.36		.67	.60	.59	.59	.52	.52	.53	.39	.36	.38	.35	.42	.40	.46	1.03	.84	.88	.84		

MONTHLY OBSERVATIONS: 681 MONTHLY MEAN: .77 MONTHLY MAX: 13.9

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

(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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2015

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	9.4	10.6	.6	.6	.6	BF	.7	.6	.4	.4	.4	.5	.5	.5	.5	.5	.6	.5	.4	.5	.5	.5	.5	.5	23	10.6
2	1.9	.7	.6	1.0	14.2	BF	1.2	1.3	.7	.6	.6	.6	1.5	.6	.6	.8	.9	.6	3.9	.9	.8	.5	.5	.5	23	14.2
3	.6	.5	.5	.5	.6	BF	.7	.6	.6	.6	.9	1.3	.7	.7	.7	.7	.6	2.1	3.2	.8	.7	1.0	3.7	.7	23	3.7
4	.7	.7	.7	.7	.7	BF	.8	.8	.9	.8	.8	.8	.8	.8	.8	.6	.7	.8	.8	.8	.9	2.4	7.1	1.6	23	7.1
5	1.6	1.0	1.0	1.0	1.1	BF	1.0	1.2	1.2	3.9	1.6	2.5	1.1	1.1	1.1	1.1	1.2	1.1	.9	.9	1.0	1.2	1.0	4.6	23	4.6
6	7.9	11.4	5.8	4.0	1.6	AS	1.2	1.1	4.6	BD	BA	BA	BC	BC	.0	.0	.0	.0	.0	.0	.8	5.5	4.3	5.3	18	11.4
7	8.7	1.0	1.1	9.8	.8	BF	.6	.5	.4	.4	.3	.1	.3	.3	.2	.5	.2	.3	.2	.1	.5	14.5	1.5	2.4	23	14.5
8	10.3	23.1	15.5	.7	1.6	BF	1.8	.6	.6	.4	3.3	1.3	.3	.3	.3	.2	.2	.2	.3	.5	1.4	6.1	5.1	1.0	23	23.1
9	.5	.3	.3	.2	.2	BF	.3	.3	.3	.4	.3	.4	.3	.3	.3	.3	.3	3.1	.5	.6	.7	11.6	1.2	.6	23	11.6
10	.4	.4	.5	.4	.4	BF	.5	.3	.4	.4	.4	.4	.3	.4	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	23	.5
11	.9	.2	.2	.3	.2	BF	.6	.5	.4	.4	.4	.3	.2	.1	.2	.1	.1	.2	.3	.1	.1	.1	.1	.1	23	.9
12	.1	.1	.2	.1	.1	BF	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.4	.3	.3	.3	23	.4
13	.3	.3	.4	.3	.4	BF	6.7	.7	.5	.4	5.3	1.6	.5	.5	.4	.4	.3	.4	.5	4.5	6.1	5.9	8.8	7.9	23	8.8
14	4.0	.7	.7	7.2	.6	BF	10.8	8.8	.8	.7	.6	.6	.7	1.5	2.6	.8	.9	3.7	3.1	1.0	2.6	1.8	5.9	16.2	23	16.2
15	3.2	13.6	1.2	.9	.8	BF	1.1	.8	.8	.8	.8	.8	.9	.9	.8	.9	.9	.9	.9	.9	.9	.9	.8	.8	23	13.6
16	.8	.9	.8	.9	.9	BF	1.0	1.0	1.1	1.0	1.0	.9	.9	.9	.9	.9	.9	.9	1.0	.9	.9	.9	.9	.9	23	1.1
17	.9	.9	.9	.9	.9	BF	1.0	.9	.9	.9	.9	.9	.9	1.0	1.0	1.0	.9	1.0	1.0	1.0	1.0	.9	1.1	1.0	23	1.1
18	1.0	.9	.9	1.1	1.0	BF	1.1	1.1	1.2	1.1	8.4	6.5	3.0	1.4	1.1	1.1	1.1	1.1	1.0	9.1	38.1	4.4	12.6	12.6	23	38.1
19	1.7	1.5	1.5	5.9	1.3	BF	1.3	1.1	1.1	1.2	1.2	1.2	1.1	1.1	1.2	1.1	1.1	1.3	1.4	1.3	1.6	1.2	1.2	1.1	23	5.9
20	1.1	2.6	2.6	1.2	1.4	BF	1.3	1.2	1.2	4.8	1.8	1.5	1.3	1.3	1.3	1.3	1.3	1.4	1.6	1.6	1.7	2.2	7.0	4.3	23	7.0
21	1.7	1.7	1.6	1.7	1.6	BF	1.8	1.6	1.5	1.4	1.4	1.6	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.5	1.4	1.6	7.7	9.8	23	9.8
22	4.3	1.8	1.6	1.6	1.6	BF	1.7	1.7	1.8	1.9	1.8	1.8	2.0	1.9	2.0	2.0	2.0	1.8	1.8	1.8	1.8	1.8	1.7	1.7	23	4.3
23	1.8	1.7	1.6	1.7	1.7	AS	1.8	1.7	BD	BD	AT	AT	AT	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	7	1.8
24	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
25	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
26	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
27	AS	AS	AS	AS	AS	AS	AS	AS	AS	BA	BA	BA	BC	BC	.5	.4	.3	.4	.4	.4	.4	.4	.4	.4	10	.5
28	.4	.5	.4	.4	.4	BF	.5	.5	.5	.4	.5	.5	.4	.5	.4	.5	.5	.5	.4	.4	.7	.6	.6	.6	23	.7
29	.6	.6	.5	.5	.6	BF	.6	.7	.7	.7	.6	.6	.6	.6	.6	.6	.6	.7	.7	.6	.6	.6	.6	.7	23	.7
30	.6	.6	.7	.7	.7	BF	.8	.7	.8	.8	.8	.8	.8	1.9	1.8	2.8	.9	.8	.8	.8	.8	.8	.8	.9	23	2.8
31	.9	2.1	1.9	1.1	.9	BF	1.0	.9	.9	.9	1.0	1.0	1.1	1.1	1.1	1.3	1.4	1.4	1.5	1.5	1.5	1.5	1.3	1.0	23	2.1
NO.:	27	27	27	27	27		27	27	26	25	25	25	25	25	27	27	27	27	27	27	27	27	27	27		
MAX:	10.3	23.1	15.5	9.8	14.2		10.8	8.8	4.6	4.8	8.4	6.5	3.0	1.9	2.6	2.8	2.0	3.7	3.9	9.1	38.1	14.5	12.6	16.2		
AVG:	2.46	2.98	1.64	1.68	1.37		1.56	1.16	.94	1.02	1.41	1.15	.87	.85	.83	.81	.74	1.01	1.06	1.22	2.52	2.57	2.85	2.88		

MONTHLY OBSERVATIONS: 610 MONTHLY MEAN: 1.56 MONTHLY MAX: 38.1

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: 37-013-0151 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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2015

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	.9	.9	.9	.9	.9	BF	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	5	.9
2	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
3	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
4	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
5	AS	AS	AS	AS	AS	AS	AS	AS	AS	BA	BC	BC	-.4	-.4	-.5	-.5	-.5	-.5	-.3	-.4	-.4	.6	-.3	-.4	12	.6
6	-.5	-.5	-.4	-.4	-.4	BF	-.3	-.4	-.4	-.5	-.5	-.3	-.2	-.4	.2	-.4	-.5	-.4	-.6	2.0	.2	-.4	-.6	-.5	23	2.0
7	4.9	1.6	.6	2.6	-.1	BF	-.3	-.4	-.5	-.5	.4	1.3	.2	-.4	-.5	-.5	-.4	5.9	1.8	-.3	-.4	-.4	-.4	-.5	23	5.9
8	-.5	-.6	-.6	-.5	-.6	BF	-.4	-.6	-.6	-.6	-.7	-.6	-.6	-.5	-.7	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	23	-.4
9	-.6	-.5	-.5	-.5	-.4	BF	-.2	-.3	-.3	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	23	-.2
10	-.5	-.5	-.5	-.5	-.5	BF	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.3	-.4	-.4	-.5	-.5	-.4	-.4	-.4	-.5	-.5	-.5	23	-.3
11	-.4	-.3	-.5	-.4	-.2	BF	11.0	.6	.8	-.2	-.3	-.3	-.3	-.5	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	23	11.0
12	-.5	-.4	-.4	-.5	-.5	BF	-.3	-.4	-.4	-.3	-.4	-.4	-.3	-.3	-.2	-.1	-.2	-.2	-.2	-.3	-.4	-.5	-.4	-.5	23	-.1
13	-.4	-.6	-.6	-.6	-.5	BF	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.3	-.3	-.4	-.3	-.3	-.4	-.3	-.3	-.3	-.4	-.4	23	-.3
14	-.4	-.5	-.5	-.4	-.4	BF	-.2	-.4	-.2	-.2	-.3	-.4	-.4	-.2	-.3	-.4	-.3	-.3	-.3	-.3	-.4	-.5	-.4	-.5	23	-.2
15	-.6	-.5	-.5	-.4	-.4	BF	-.3	-.4	-.3	-.2	.0	-.1	-.3	-.3	-.2	-.3	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.5	23	0.0
16	-.4	-.4	-.4	-.5	-.4	BF	-.5	-.4	-.3	-.3	-.3	-.2	-.2	-.2	-.4	.2	-.3	-.3	-.3	-.4	-.3	-.4	-.3	-.3	23	.2
17	14.9	-.1	-.3	-.3	-.4	BF	-.1	-.2	-.2	-.2	-.3	-.3	.7	.3	-.3	-.2	-.2	-.3	-.3	-.3	-.4	-.4	-.2	2.9	23	14.9
18	5.4	.9	-.2	-.3	-.2	BF	2.4	10.3	2.3	4.7	.1	-.2	-.2	-.3	-.3	-.3	-.4	-.4	-.5	-.4	-.4	-.4	-.5	-.5	23	10.3
19	-.4	-.5	-.4	-.4	-.4	BF	-.2	.0	-.3	-.4	-.4	-.4	-.5	-.5	-.5	-.4	-.4	.2	.6	-.4	-.5	-.4	-.5	-.5	23	.6
20	.4	2.0	.4	1.9	.7	BF	8.1	1.7	1.2	-.2	-.3	-.5	-.4	-.1	-.2	-.5	-.5	-.5	-.6	-.4	-.5	-.4	.0	-.5	23	8.1
21	-.5	-.4	-.4	-.4	-.5	BF	-.4	-.5	-.4	-.5	-.5	-.5	-.5	-.4	-.5	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	23	-.3
22	-.4	-.4	-.5	-.4	-.4	BF	-.2	-.3	-.3	-.2	-.2	-.2	-.1	-.1	.1	-.2	-.3	-.3	-.4	-.3	-.4	-.5	-.4	-.4	23	.1
23	-.4	-.4	-.5	-.5	-.4	BF	-.3	-.2	-.1	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.2	-.3	-.4	-.3	-.3	-.5	-.4	-.4	23	-.1
24	-.4	-.5	-.4	-.5	-.5	BF	-.3	-.3	-.2	-.1	3.8	11.1	10.6	1.0	-.1	-.3	-.3	-.3	-.2	-.3	-.4	-.3	-.4	1.0	23	11.1
25	-.1	3.3	16.7	12.7	.8	BF	.3	.3	.0	-.1	-.2	-.2	.1	-.4	-.4	1.6	-.1	-.4	-.4	-.4	-.5	-.4	-.4	-.3	23	16.7
26	-.4	-.5	-.4	-.5	-.5	BF	-.4	-.4	AZ	AZ	AZ	-.2	-.4	-.4	-.4	-.5	-.4	-.4	-.5	.8	-.2	-.3	-.4	-.4	20	.8
27	-.4	-.4	-.4	-.5	-.5	BF	-.4	-.4	-.3	-.3	-.3	-.3	-.1	-.1	-.2	-.3	-.2	-.3	-.4	-.5	-.5	-.4	-.4	-.4	23	-.1
28	-.5	-.4	-.4	-.5	-.5	BF	-.4	-.4	-.3	-.3	-.4	-.4	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.4	23	-.3
29	-.4	-.5	-.4	-.4	-.5	BF	-.3	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.3	-.4	-.4	-.3	-.4	-.5	-.4	23	-.3
30	-.4	-.4	-.4	-.4	-.4	BF	-.4	-.4	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.2	-.3	-.3	.4	2.2	.1	-.1	23	2.2
31	-.2	-.2	.8	-.3	-.3	BF	-.2	-.3	-.3	-.1	-.1	-.4	-.4	-.6	-.5	-.4	-.5	-.5	-.5	-.5	-.4	-.5	-.5	-.5	23	.8
NO.:	27	27	27	27	27		26	26	25	25	25	26	27	27	27	27	27	27	27	27	27	27	27	27		
MAX:	14.9	3.3	16.7	12.7	.9		11.0	10.3	2.3	4.7	3.8	11.1	10.6	1.0	.2	1.6	-.1	5.9	1.8	2.0	.4	2.2	.1	2.9		
AVG:	.64	-.03	.36	.30	-.28		.57	.19	-.10	-.11	-.13	.16	.14	-.26	-.33	-.28	-.37	-.12	-.28	-.25	-.35	-.29	-.39	-.26		

MONTHLY OBSERVATIONS: 612 MONTHLY MEAN: -.06 MONTHLY MAX: 16.7

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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2015

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	-.5	-.6	-.5	-.5	-.5	BF	-.3	-.5	-.5	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.5	-.5	-.5	-.4	-.5	-.6	-.2	23	-.2
2	-.3	-.5	-.4	-.5	-.4	BF	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.5	.4	7.9	2.3	.4	-.3	-.4	-.4	-.4	-.4	-.5	23	7.9
3	-.5	1.2	2.7	.0	-.3	BF	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	.1	1.1	-.1	-.3	-.5	-.4	23	2.7
4	-.5	-.6	-.6	-.6	-.6	-.5	-.6	BF	BF	-.4	-.3	-.3	-.3	-.1	-.3	-.3	-.4	-.5	-.5	-.5	-.5	-.4	-.5	-.5	22	-.1
5	-.6	-.5	-.5	-.6	-.5	BF	-.4	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.5	-.4	-.5	-.5	-.5	23	-.4
6	-.5	-.5	-.5	-.5	-.5	BF	-.5	-.5	-.5	-.6	-.5	-.5	-.5	-.5	-.5	-.6	-.6	-.6	-.5	-.6	-.6	-.7	-.6	-.6	23	-.5
7	-.6	-.6	-.6	-.6	-.6	BF	-.5	-.6	-.6	-.5	-.6	-.6	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.6	-.5	-.5	-.6	23	-.5
8	-.6	-.5	-.6	-.6	-.5	BF	-.4	-.5	-.5	-.5	-.6	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.4	-.4	-.5	23	-.4
9	4.8	8.6	2.3	.7	.3	BF	-.1	-.2	-.3	-.4	-.4	-.5	-.5	-.5	1.1	.3	-.3	-.4	-.4	-.5	-.5	-.4	-.4	1.4	23	8.6
10	6.0	3.5	5.1	.1	.0	BF	-.1	-.1	-.2	-.4	-.4	-.4	-.5	-.6	-.6	.7	-.2	-.3	-.4	-.3	-.4	9.0	16.3	3.5	23	16.3
11	-.1	-.3	-.3	-.3	-.3	BF	-.4	-.4	-.4	-.5	-.4	-.5	-.4	-.4	-.5	-.5	-.4	-.4	-.4	-.3	-.2	-.3	-.2	-.3	23	-.1
12	-.3	.2	2.9	3.6	13.2	BF	5.9	1.1	4.9	.5	1.9	4.7	-.1	1.4	1.9	3.5	5.4	4.6	7.7	3.3	-.3	-.4	-.4	.0	23	13.2
13	7.3	5.2	-.2	-.3	-.3	BF	-.3	-.5	-.4	-.5	-.5	-.4	-.5	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	23	7.3
14	-.3	-.4	-.4	-.4	-.4	BF	-.3	-.3	-.1	-.1	-.1	-.2	-.2	-.3	-.2	-.2	-.2	-.3	-.2	-.3	-.4	-.4	-.3	-.3	23	-.1
15	-.3	-.3	-.3	-.4	-.4	BF	-.2	-.2	-.2	-.2	.0	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.3	-.4	-.3	-.4	-.4	23	0.0
16	-.3	-.3	-.3	-.3	-.3	BF	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.3	-.3	-.2	-.2	-.2	-.2	-.3	-.3	-.4	23	-.1
17	-.4	-.4	-.4	-.5	-.4	BF	-.3	-.3	-.3	-.3	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.4	-.4	-.4	-.4	23	-.2
18	-.4	-.4	-.5	-.5	-.4	BF	-.3	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.5	-.5	23	-.3
19	-.4	-.5	-.5	-.5	-.5	BF	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.5	-.5	-.4	-.5	-.5	-.5	-.4	-.5	-.5	-.5	-.5	23	-.4
20	-.5	-.5	-.5	-.5	-.5	BF	-.4	-.4	-.5	-.4	-.3	-.3	-.4	-.4	-.5	-.5	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.5	23	-.3
21	-.4	-.5	-.5	-.6	-.5	BF	-.4	-.5	-.4	-.5	-.5	-.6	-.5	-.5	-.4	-.5	-.5	-.4	-.5	-.4	-.4	-.5	-.5	-.5	23	-.4
22	-.5	-.5	-.5	-.5	-.5	BF	-.4	-.5	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.6	-.6	-.6	-.5	-.5	-.5	-.6	23	-.4
23	-.6	-.5	-.5	-.6	-.6	BF	-.4	-.5	-.5	-.5	-.6	-.5	-.5	-.6	-.6	-.5	-.6	-.5	-.6	-.6	-.5	-.5	-.5	-.5	23	-.4
24	-.5	-.5	-.5	-.5	-.4	BF	-.4	-.5	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.5	-.5	-.6	-.6	-.5	-.5	-.6	23	-.4
25	-.6	-.5	-.6	-.5	-.5	BF	-.5	-.5	-.6	-.6	-.6	-.6	-.5	-.5	-.6	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.5	-.5	23	-.5
26	-.5	-.5	-.5	-.5	-.6	BF	-.5	-.5	-.5	-.6	-.6	-.5	-.5	-.5	-.6	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.5	-.6	23	-.5
27	-.6	-.6	-.6	-.6	-.6	BF	-.5	-.6	-.6	-.5	-.6	-.5	-.5	-.6	-.5	-.5	-.5	-.5	-.5	-.6	-.5	-.5	-.6	-.5	23	-.5
28	-.5	-.6	-.6	-.6	-.6	BF	-.5	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.5	-.5	-.5	-.5	-.5	-.6	-.5	-.6	-.6	23	-.5
29	-.6	-.5	-.5	-.6	-.5	BF	-.4	-.5	-.5	-.4	-.5	-.5	-.5	-.5	-.4	-.5	-.6	-.5	-.5	-.6	-.5	-.5	-.6	-.5	23	-.4
30	-.5	-.5	-.5	-.5	-.4	BF	.2	-.2	-.3	-.4	-.4	-.4	-.5	-.4	2.0	5.0	1.0	-.3	-.4	-.5	-.5	-.5	-.5	-.5	23	5.0
31																									0	
NO.:	30	30	30	30	30	1	30	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	7.3	8.6	5.1	3.6	13.2	-.5	5.9	1.1	4.9	.5	1.9	4.7	-.1	1.4	2.0	7.9	5.4	4.6	7.7	3.3	-.1	9.0	16.3	3.5		
AVG:	.19	.22	.02	-.29	.03	-.50	-.15	-.37	-.24	-.41	-.36	-.27	-.43	-.38	-.22	.21	-.10	-.24	-.16	-.29	-.44	-.14	.09	-.26		

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: -.17 MONTHLY MAX: 16.3

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

(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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2015

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	-.6	-.6	-.5	-.6	-.6	BF	-.5	-.6	-.6	BD	BA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	8	-.5
2	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
3	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
4	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
5	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	BA	BA	-1.7	-1.6	-1.5	-1.3	-1.2	-1.0	-.9	-.8	-.8	-.7	-.7	-.7	12	-.7
6	-.7	-.7	-.6	-.6	-.6	BF	-.5	-.5	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.6	-.5	-.6	-.5	-.5	-.5	-.5	23	-.4
7	-.5	-.4	-.5	-.5	-.5	BF	-.3	-.5	-.3	-.2	-.1	.0	-.1	-.1	-.2	-.3	-.2	-.4	-.4	-.5	-.5	-.5	-.5	-.6	23	0.0
8	-.5	-.5	-.5	-.5	-.5	BF	-.4	-.5	-.3	-.2	-.1	-.1	.2	.3	.1	-.3	-.2	.0	-.3	-.4	-.4	-.4	-.5	-.5	23	.3
9	-.5	-.5	-.5	-.5	-.4	BF	.1	3.1	2.5	.0	.3	-.3	-.3	-.2	-.2	.5	-.1	1.0	1.6	.0	1.8	1.8	.0	-.3	23	3.1
10	-.4	-.5	-.4	-.4	-.4	BF	-.4	-.5	-.5	-.5	-.4	-.5	-.5	-.5	-.5	-.6	-.5	-.5	-.5	-.5	-.4	-.4	-.4	-.5	23	-.4
11	-.4	-.4	-.4	-.4	-.4	BF	-.3	-.3	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.5	-.5	-.4	-.4	-.5	-.4	-.4	-.5	-.5	23	-.3
12	-.5	-.4	-.4	-.4	-.4	BF	-.3	-.4	-.4	-.3	-.4	-.2	-.2	-.3	-.4	-.3	-.4	-.4	-.4	-.4	-.4	2.2	10.5	3.2	23	10.5
13	8.2	.8	.0	-.1	-.2	BF	-.1	-.3	-.4	-.3	-.2	-.2	-.3	-.2	-.3	-.2	-.2	3.6	.6	3.9	3.2	-.1	-.1	-.3	23	8.2
14	-.3	-.3	-.2	-.3	-.3	BF	-.2	-.3	-.2	-.2	-.4	-.3	-.2	-.2	-.2	-.3	-.2	-.3	-.4	-.3	-.3	-.4	-.3	-.4	23	-.2
15	-.3	-.3	-.4	-.2	-.4	BF	-.2	-.3	-.2	-.1	-.1	.0	-.1	-.1	-.1	-.2	-.2	-.2	.1	-.4	-.4	-.4	-.3	-.2	23	.1
16	5.9	5.4	9.0	3.1	9.5	BF	15.1	.9	.4	.4	.3	.5	.3	.4	.3	.3	.2	.1	.1	.1	.1	-.1	-.1	-.2	23	15.1
17	-.1	-.2	-.2	-.2	-.1	BF	-.1	-.1	.1	.2	.2	.2	.1	.1	.1	.0	.0	-.1	-.1	.0	.0	.0	.1	.1	23	.2
18	.1	.1	.4	.4	.3	BF	.2	.2	.4	.5	.5	.5	.4	.4	.5	.5	.4	.3	.3	.2	.2	.2	.2	.2	23	.5
19	.3	.3	.3	.2	.2	BF	.3	.3	.3	.3	.3	.3	.3	.2	.3	.2	.2	.2	.2	.1	.2	.1	.1	.2	23	.3
20	.1	.1	.2	.1	.1	BF	.2	.2	.2	.3	.4	5.0	2.3	1.4	.7	.6	.4	.2	.1	.1	.1	.0	-.1	.0	23	5.0
21	.0	-.1	-.1	-.1	.0	BF	.1	.1	.0	.1	.1	.2	.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	23	.2
22	-.2	-.2	-.1	-.1	-.1	BF	-.1	-.1	-.1	.0	BA	.0	.0	.6	1.1	.4	.5	.2	-.1	-.2	-.3	-.2	-.1	.6	22	1.1
23	.1	-.2	-.2	-.3	-.1	BF	-.1	-.1	.0	.0	.0	.0	.2	1.1	1.0	.3	.3	.0	-.1	-.1	-.2	-.2	-.2	-.2	23	1.1
24	-.2	-.2	-.3	-.2	-.1	BF	.0	-.1	-.1	-.1	-.2	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.1	-.2	-.1	-.2	-.2	-.1	23	0.0
25	-.1	-.2	-.1	-.2	-.1	BF	.0	-.1	.0	.6	.2	.0	.1	.0	.2	.1	.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	.6
26	-.1	.0	.0	-.1	.0	BF	-.1	-.1	-.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.2	-.1	-.1	-.1	-.1	-.1	23	0.0
27	-.2	-.1	-.1	-.1	-.1	BF	-.1	-.2	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.2	-.2	-.2	-.2	-.2	23	-.1
28	-.2	-.3	-.3	-.3	-.3	BF	-.2	-.3	-.4	-.2	-.4	-.4	-.4	-.4	-.4	-.3	.3	-.3	-.4	-.5	-.4	-.5	-.4	-.5	23	.3
29	1.9	6.2	.0	-.3	-.3	BF	-.3	-.3	-.4	-.3	-.4	-.4	-.4	-.3	-.3	-.4	-.4	1.3	.6	4.8	8.1	.8	.1	-.1	23	8.1
30	-.1	-.1	-.2	-.2	-.2	BF	-.2	-.2	-.1	.1	.2	.0	.0	.0	.0	.1	.0	-.1	-.1	-.1	-.1	-.1	-.2	-.2	23	.2
31	-.2	-.2	-.2	-.2	-.1	BF	-.1	-.1	.1	.2	.4	.3	.2	.2	.2	.1	.1	.1	.0	-.1	.0	.1	.0	.0	23	.4
NO.:	27	27	27	27	27		27	27	27	26	25	26	27	27	27	27	27	27	27	27	27	27	27	27		
MAX:	8.2	6.2	9.0	3.1	9.5		15.1	3.1	2.5	.6	.5	5.0	2.3	1.4	1.1	.6	.5	3.6	1.6	4.8	8.1	2.2	10.5	3.2		
AVG:	.39	.24	.14	-.11	.14		.43	-.04	-.04	-.03	-.03	.13	-.05	-.02	-.03	-.09	-.09	.07	-.07	.11	.30	-.02	.20	-.08		

MONTHLY OBSERVATIONS: 617 MONTHLY MEAN: .06 MONTHLY MAX: 15.1

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: 37-013-0151 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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2015

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	-.1	-.1	-.1	BF	.0	-.2	-.1	-.1	-.2	.1	.4	.3	.0	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	23	.4
2	-.3	-.3	-.3	-.4	-.4	BF	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.3	-.3	-.3	-.4	-.3	-.3	23	-.2
3	-.3	-.3	-.3	-.3	-.3	BF	-.3	-.3	-.3	-.4	-.3	-.3	-.3	-.4	-.3	-.4	-.4	-.3	-.4	-.4	-.3	-.3	-.3	-.3	23	-.3
4	-.3	-.4	-.4	-.4	-.2	BF	-.3	-.3	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.4	-.4	23	-.2
5	-.5	-.4	-.4	-.5	-.4	BF	-.4	-.5	-.5	-.4	.7	.8	.2	-.2	-.5	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.5	23	.8
6	-.4	-.4	-.4	-.3	-.2	BF	-.3	-.3	-.4	-.4	-.4	-.4	.1	-.3	.7	-.3	3.8	1.3	-.3	-.2	.2	4.5	1.2	-.1	23	4.5
7	-.4	-.4	-.5	-.3	-.4	BF	-.3	.8	.6	-.1	-.3	-.4	-.3	-.3	-.4	-.4	-.4	-.5	-.4	-.5	-.4	-.5	-.5	-.5	23	.8
8	-.4	-.3	-.2	-.2	-.1	BF	.0	.0	.2	.1	.1	.1	.1	.1	.0	.0	.1	.0	-.1	.0	-.1	-.1	-.1	-.1	23	.2
9	-.1	-.1	-.1	-.1	-.1	BF	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	23	-.1
10	-.3	-.4	-.4	-.4	-.2	BF	-.3	-.3	-.4	-.4	-.5	-.3	-.3	-.4	-.4	-.5	-.4	-.5	-.4	-.4	-.4	-.3	-.3	-.3	23	-.2
11	-.4	-.3	-.3	-.4	-.2	BF	-.2	-.1	-.2	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	23	-.1
12	-.2	-.3	-.2	-.3	-.1	BF	.0	.3	.4	.3	.3	2.0	6.3	6.1	3.1	.3	.0	2.7	5.8	.8	.3	-.1	-.1	-.2	23	6.3
13	-.3	-.2	-.2	-.2	-.3	BF	-.1	.0	-.1	-.1	-.1	-.1	.0	-.1	-.1	.0	-.1	.1	.0	-.1	-.1	.0	.0	.0	23	.1
14	.0	.1	.3	.2	.3	BF	.3	.3	.3	.3	.4	.4	.3	.5	.4	.4	.4	.3	.2	.2	.2	.2	.2	.2	23	.5
15	.2	.2	.2	.2	.2	BF	.3	.3	.3	.5	.6	.5	.6	.5	.4	.4	.4	.3	.7	.7	.4	.4	3.2	1.5	23	3.2
16	.6	.5	.3	.4	.3	BF	.2	.2	.4	.5	.4	.4	7.5	3.7	.7	.4	1.1	1.3	.6	.3	.1	.1	.1	.1	23	7.5
17	.1	.1	.0	.1	.1	BF	.2	.2	.3	.5	.6	.5	.3	.2	.1	.2	.3	.2	.4	.3	.3	.2	.1	.0	23	.6
18	.0	.0	-.1	.0	-.1	BF	.0	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.1	-.2	-.2	-.2	-.2	23	0.0
19	-.2	-.1	-.1	-.2	-.2	BF	-.2	-.2	-.2	-.2	-.2	-.1	.0	1.3	-.1	-.2	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	23	1.3
20	-.3	-.2	-.2	-.3	-.2	BF	-.2	-.1	-.1	.2	.3	.3	.3	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	23	.3
21	.2	.1	.0	.0	.0	BF	.3	.5	.4	.5	.4	.3	.3	.3	.3	.2	.1	.0	-.1	.0	.0	.0	-.1	-.1	23	.5
22	.0	.0	.1	.1	.1	BF	.1	.0	-.1	-.1	.0	-.1	-.1	.0	-.1	-.1	.0	.0	.1	.2	.1	.2	.2	.1	23	.2
23	.1	.2	.2	.1	.3	BF	.4	.7	.7	.5	.5	.5	.7	.8	.9	.7	.7	.5	.6	.4	.3	.4	.3	.4	23	.9
24	.3	.3	.3	.3	.3	BF	.4	.3	.3	.5	.7	.7	.7	.7	.6	.6	.6	.5	.3	.3	.3	.2	.3	.3	23	.7
25	.4	.3	.3	.3	.4	BF	.4	.4	.4	.4	.6	.7	.6	.6	.4	.4	.4	.3	.3	.3	.4	.3	.4	.3	23	.7
26	.3	.3	.3	.2	.2	BF	.2	.2	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	23	.3
27	.1	.0	.0	.0	.0	BF	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.2	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	.2
28	-.1	.0	-.1	.0	-.1	BF	.1	.0	.0	-.1	.0	.0	.1	.1	.0	.0	.0	-.1	-.1	-.1	.0	.1	.0	.0	23	.1
29	.0	.0	.0	.0	.1	BF	.0	.2	.1	.0	.4	.4	.4	.3	.3	.3	.1	.0	.0	-.1	-.1	-.1	-.1	-.1	23	.4
30	-.1	-.1	-.2	-.1	-.1	BF	-.1	-.1	-.1	.0	-.2	-.2	-.1	-.2	-.1	-.2	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	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:	.6	.5	.3	.4	.4		.4	.8	.7	.5	.7	2.0	7.5	6.1	3.1	.7	3.8	2.7	5.8	.8	.4	4.5	3.2	1.5		
AVG:	-.08	-.07	-.08	-.09	-.05		-.01	.05	.04	.04	.09	.16	.56	.42	.16	0.00	.14	.11	.15	-.03	-.05	.08	.06	-.05		

MONTHLY OBSERVATIONS: 690 MONTHLY MEAN: .07 MONTHLY MAX: 7.5

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: 37-013-0151 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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2015

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	-.1	-.1	BF	.0	-.1	.0	.0	-.1	.0	.0	-.1	-.1	.0	.0	-.1	-.1	-.1	-.1	.0	-.1	-.1	23	0.0
2	-.1	-.1	-.1	-.1	-.1	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.6	.5	.2	.0	-.1	.7	.1	.0	.0	-.1	23	.7
3	-.2	-.2	-.2	-.2	-.2	BF	-.1	-.1	.0	.0	.0	.1	.0	.1	.1	.1	.2	.2	.2	.2	.2	.1	.1	.1	23	.2
4	.3	.3	.3	.3	.3	BF	.3	.4	.5	.5	.7	.6	.6	.5	.5	.4	.4	.3	.3	.2	.3	.3	.2	.2	23	.7
5	.2	.3	.2	.2	.3	BF	.4	.3	.4	.7	.7	.6	.6	.6	.7	.6	.6	.5	.4	.3	.3	.3	.2	.2	23	.7
6	.2	.2	.2	.1	.2	BF	.2	.2	.1	.2	.2	.2	.3	.2	.1	.2	.2	.2	.1	.2	.1	.1	.1	.0	23	.3
7	.1	.2	.1	.1	.0	BF	.0	.1	.1	.2	.1	.1	.1	.1	.0	.1	.0	.1	.0	.0	.0	.0	.1	.0	23	.2
8	.0	.0	.0	-.1	.0	BF	.1	.1	.0	.0	.1	.1	.2	.3	.6	.5	.5	.3	.2	.1	.1	.1	.1	.1	23	.6
9	.2	.5	.6	.2	.2	BF	.2	.1	.2	.2	.3	.3	.3	.1	.2	.2	.1	.1	.1	.1	.1	.1	.0	.0	23	.6
10	.0	.1	.3	.1	.1	BF	.1	.0	.1	.1	.2	.2	.2	.2	.2	.2	.1	.2	.1	.0	.1	.5	.7	.3	23	.7
11	.2	.2	.1	.3	.4	BF	.4	.5	.5	.6	1.9	2.2	.4	.2	.1	.1	.0	.9	.9	.6	1.3	.5	2.5	.6	23	2.5
12	.2	.1	.1	.0	.0	BF	.0	.2	.2	.1	.2	.1	.0	.1	.0	.1	.0	-.1	-.1	-.1	.1	.8	.1	.2	23	.8
13	.1	.0	.0	-.1	-.1	BF	-.2	.0	-.1	-.1	.0	.3	.2	2.0	3.2	.4	.0	.1	.5	.3	.1	.0	.0	-.2	23	3.2
14	.0	-.1	-.1	-.2	-.1	BF	-.1	-.1	-.1	-.2	-.1	-.1	-.2	-.1	-.1	-.2	-.1	-.2	-.2	-.2	.0	.2	.5	3.2	23	3.2
15	.5	.1	-.1	-.1	-.1	BF	-.2	.0	.0	-.1	.1	.0	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.1	-.2	-.1	-.1	23	.5
16	-.2	-.2	-.1	-.1	-.1	BF	-.1	-.1	-.1	.0	.1	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	-.1	-.1	-.1	23	.2
17	-.1	-.1	-.1	-.1	-.1	BF	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	.0	-.1	1.3	.1	-.1	-.1	1.9	.9	.1	23	1.9
18	.6	2.0	1.3	.7	.6	BF	.2	.3	.2	.0	.0	-.1	-.2	-.1	-.1	-.2	-.1	.0	-.1	-.1	.0	.0	.1	.0	23	2.0
19	.1	.1	.1	.3	.3	BF	.4	.4	.4	.5	.4	.5	.5	.5	.5	.5	.5	.6	.5	.5	.5	.6	.5	.4	23	.6
20	.5	.5	.4	.4	.4	BF	.5	.5	.6	.7	.8	.8	.8	.7	.6	.7	.6	.6	.5	.5	.5	.5	.5	.4	23	.8
21	.4	.4	.4	.4	.4	BF	.3	.5	.4	.4	.4	.4	.3	.3	.2	.3	.2	.2	.2	.2	.1	.1	.1	.1	23	.5
22	.2	.1	.2	.1	.1	BF	.0	.1	.2	.1	.1	3.9	1.6	.3	.2	.0	.1	.3	.1	.0	.0	.0	-.1	-.1	23	3.9
23	-.1	.0	-.1	-.1	-.1	BF	-.1	-.1	-.1	-.2	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	.1	.0	.3	.5	23	.5
24	.1	.4	-.1	-.1	.4	BF	-.1	-.1	.0	.2	.1	-.1	1.1	1.1	2.6	1.1	.4	.0	-.1	-.1	-.1	-.1	-.2	1.1	23	2.6
25	15.7	2.1	1.2	1.5	1.6	BF	.3	.2	.3	.8	.4	1.3	.2	.0	-.1	-.2	.0	-.2	.5	1.7	.1	1.2	.2	-.1	23	15.7
26	-.2	-.1	-.2	-.3	-.3	BF	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.1	.1	.1	.1	-.1	-.1	-.2	-.2	-.3	-.2	.0	23	.1
27	-.1	-.2	-.1	.4	.2	BF	.0	-.1	-.2	-.2	-.1	-.1	.1	.0	-.2	-.2	-.2	-.2	-.2	1.2	15.3	8.8	.7	.2	23	15.3
28	-.1	-.1	-.1	-.1	-.1	BF	-.1	-.2	-.3	-.1	-.2	-.1	-.2	-.1	-.1	-.1	-.1	-.2	-.2	-.1	-.1	-.1	-.1	-.1	23	-.1
29	-.2	-.2	-.2	-.1	1.2	BF	2.2	1.3	.2	.3	.5	15.5	19.0	3.8	6.1	6.0	.8	.1	.0	.4	1.9	.3	.6	2.9	23	19.0
30	.5	.4	.6	.4	.1	BF	-.1	.0	-.1	.0	.0	.0	-.2	-.1	-.1	-.3	-.2	-.2	-.3	-.2	-.3	-.3	-.3	-.1	23	.6
31	.9	.4	-.1	.6	.0	BF	1.2	.2	.1	.1	4.2	1.3	.3	.1	.1	.0	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.3	23	4.2
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:	15.7	2.1	1.3	1.5	1.6		2.2	1.3	.6	.8	4.2	15.5	19.0	3.8	6.1	6.0	.8	1.3	.9	1.7	15.3	8.8	2.5	3.2		
AVG:	.63	.23	.14	.14	.17		.17	.13	.10	.14	.34	.90	.83	.34	.51	.35	.12	.13	.08	.17	.65	.49	.23	.30		

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: .32 MONTHLY MAX: 19.0

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

(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 Environmental Quality
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2015

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	.8	1.0	1.0	.9	.9	1.0	1.0	.9	1.2	1.2	1.3	1.4	1.3	1.1	1.2	1.1	.9	.9	.8	1.0	.9	1.0	23	1.4
2	BF	.9	.9	1.0	1.1	.9	1.0	.9	.8	.9	1.0	1.0	1.4	1.9	1.5	1.1	1.1	1.0	.8	.9	.7	.7	.8	.8	23	1.9
3	BF	.8	.7	.9	.8	.7	.6	.7	.7	.8	.7	1.0	.7	.7	.8	.6	.6	.6	.7	.7	.5	.6	.7	.7	23	1.0
4	BF	.6	.7	.7	.7	.7	.8	.7	.6	.6	.8	.6	.6	.5	.6	.4	.6	.4	.4	.4	.4	.4	.5	.4	23	.8
5	BF	.5	.5	.6	.8	.7	.7	.6	.8	.8	.9	.6	.8	.8	.7	.8	.8	.7	.8	.6	.8	.8	.7	.8	23	.9
6	BF	.6	.8	.7	.8	1.0	.8	.7	.7	1.0	1.3	1.2	1.7	2.4	2.3	1.4	1.1	.9	.9	.8	.8	.8	.8	.7	23	2.4
7	BF	.8	1.0	.9	.9	.9	.9	.8	1.0	1.0	1.2	1.4	1.4	1.3	1.1	1.1	1.1	1.7	2.7	2.5	1.7	1.6	1.8	1.9	23	2.7
8	BF	2.0	1.6	2.1	1.8	1.8	1.4	1.8	1.9	2.1	2.0	2.1	1.9	1.7	1.6	1.4	1.5	1.2	1.2	1.1	1.2	1.4	1.5	1.3	23	2.1
9	BF	1.5	1.3	1.6	1.5	1.6	1.6	1.7	1.9	2.7	2.6	2.6	2.4	2.2	2.1	2.0	2.1	1.6	1.4	1.2	1.3	1.2	1.1	1.1	23	2.7
10	BF	1.5	1.7	1.7	1.4	1.5	1.4	1.6	2.2	2.5	2.5	2.5	2.2	2.2	2.2	2.0	2.1	1.6	1.4	1.2	1.3	1.3	1.3	1.1	23	2.5
11	BF	1.1	1.2	1.4	1.4	1.4	1.2	1.3	1.1	1.4	1.7	1.8	1.9	1.6	1.7	1.5	1.5	1.3	1.2	1.4	1.2	1.3	1.1	1.2	23	1.9
12	BF	1.2	1.1	1.2	1.2	1.3	1.1	1.2	1.1	1.1	1.1	1.2	1.0	1.1	1.0	1.0	1.0	.9	.9	.8	.8	.9	.9	.9	23	1.3
13	BF	.7	.8	.9	1.0	1.1	1.1	1.0	1.1	1.1	.9	.9	1.3	BA	BA	1.1	1.1	1.3	1.0	1.1	1.0	.9	1.0	.9	21	1.3
14	BF	.8	.9	1.2	1.6	1.6	1.3	1.9	2.8	2.4	2.2	2.4	2.7	2.1	2.3	2.2	2.1	1.9	1.8	1.5	1.9	3.4	5.4	5.3	23	5.4
15	BF	3.0	2.4	3.1	3.2	4.0	2.6	1.7	1.7	1.6	1.7	2.4	2.4	2.0	1.6	1.6	1.5	1.3	1.4	1.0	1.1	1.1	1.0	1.1	23	4.0
16	BF	.9	1.0	1.0	1.1	1.0	.9	1.0	1.1	1.3	1.3	1.1	1.7	1.1	1.2	1.2	1.6	1.2	1.0	1.1	1.0	.9	1.1	.9	23	1.7
17	BF	1.0	.9	1.0	1.1	1.1	1.0	1.1	1.0	1.7	2.0	1.7	1.7	1.7	1.6	1.5	1.4	1.3	1.4	1.4	1.3	1.2	1.4	1.3	23	2.0
18	BF	1.1	.8	1.0	1.0	1.0	1.1	1.0	.9	1.0	1.0	1.2	1.1	1.1	1.1	1.0	.8	1.0	.8	.8	.9	1.1	.9	.9	23	1.2
19	BF	.8	.9	1.0	1.0	.9	.8	1.0	1.1	1.3	1.3	1.1	1.1	1.2	1.4	1.2	1.3	.9	.9	.9	1.0	1.0	.9	1.0	23	1.4
20	BF	.8	1.0	1.0	1.0	1.0	1.0	.9	.9	1.2	1.2	1.4	1.4	1.1	1.2	1.1	1.2	1.1	.8	.9	.8	1.2	1.0	.8	23	1.4
21	BF	.7	.9	.9	1.1	.9	1.0	1.0	1.0	1.7	AZ	AZ	AZ	1.7	2.3	2.4	2.2	1.3	1.1	.9	.8	.8	.8	.8	20	2.4
22	BF	.8	.8	1.0	.9	.9	.9	1.0	1.0	1.1	1.4	1.4	1.6	1.3	1.4	1.3	1.4	1.1	1.0	.9	1.1	1.0	1.0	1.0	23	1.6
23	BF	.9	.8	1.0	1.0	1.1	1.1	1.3	1.2	1.3	1.2	1.1	1.1	1.0	1.0	.9	.9	.9	1.0	.9	.9	.8	.8	.9	23	1.3
24	BF	.8	.7	1.1	1.0	.8	1.0	.9	.8	.9	.9	.8	.9	1.0	1.6	1.5	1.5	1.4	1.1	.7	.8	1.0	.8	1.0	23	1.6
25	BF	.7	.8	.9	1.0	1.0	.9	.9	.9	.9	1.1	1.3	1.2	1.3	1.2	1.1	.9	.8	.8	.8	.9	.8	.9	1.0	23	1.3
26	BF	.8	.8	1.0	1.0	1.0	1.0	1.0	.9	1.0	1.1	1.0	1.0	1.1	1.0	1.0	.9	1.0	.9	1.0	1.1	.9	.9	1.7	23	1.7
27	BF	2.7	2.8	2.6	2.2	2.0	1.9	1.9	2.0	1.9	1.9	2.0	1.9	2.2	2.2	2.5	2.2	1.7	1.4	1.1	1.1	1.1	1.8	2.1	23	2.8
28	BF	3.5	4.4	4.2	3.9	3.7	3.3	2.2	2.1	2.1	2.0	2.0	2.0	1.8	1.8	1.8	1.7	1.6	1.2	1.2	1.3	1.2	1.2	1.2	23	4.4
29	BF	1.3	1.3	1.2	1.4	1.2	1.2	1.3	1.4	2.2	2.1	2.3	2.3	1.9	1.9	1.9	1.9	1.9	1.9	1.5	1.1	1.2	1.5	1.6	23	2.3
30	BF	1.6	1.2	1.4	1.6	1.8	1.4	1.3	1.4	1.6	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.2	1.4	1.5	1.5	1.6	1.5	23	1.8
31	BF	1.3	1.4	1.3	1.4	1.2	1.2	1.1	1.7	2.2	2.8	2.4	2.5	2.6	3.0	2.2	1.8	1.6	1.4	1.4	1.3	1.3	1.3	1.2	23	3.0
NO.:		31	31	31	31	31	31	31	31	31	30	30	30	30	30	31	31	31	31	31	31	31	31	31		
MAX:		3.5	4.4	4.2	3.9	4.0	3.3	2.2	2.8	2.7	2.8	2.6	2.7	2.6	3.0	2.5	2.2	1.9	2.7	2.5	1.9	3.4	5.4	5.3		
AVG:		1.17	1.19	1.31	1.32	1.31	1.20	1.18	1.25	1.43	1.48	1.50	1.56	1.52	1.54	1.40	1.37	1.22	1.14	1.06	1.05	1.11	1.21	1.23		

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: 1.29 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: 37-051-0010 POC: 1
COUNTY: (051) Cumberland
CITY: (22920) Fayetteville
SITE ADDRESS: 4665 Lakewood Dr
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (169) SANDHILLS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 35.0023035276
LONGITUDE: -78.991692342
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 135
PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2015

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	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BC	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13	.1
10	.0	.0	.0	-.2	.0	.0	.0	.0	.0	.0	-.2	-.2	.0	.0	.0	-.2	-.2	.0	.0	-.2	-.2	-.2	-.2	-.3	24	0.0
11	BF	.0	.0	.0	.0	.0	.0	.0	.0	AV	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	22	.2
12	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.6	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.6
13	.0	.0	.0	.1	.2	.2	.3	.5	.7	.9	1.0	.9	.8	.8	.9	1.0	.8	.7	.6	.5	.4	.4	.3	.6	24	1.0
14	BF	.3	.5	.4	.7	.4	.4	.4	.6	.7	.6	.6	.5	.5	.5	.4	.4	.5	.5	.4	.5	.4	.3	.4	23	.7
15	BF	.3	.5	.4	.3	.3	.3	.3	.3	.3	.4	.5	.4	.4	.3	.2	.2	.2	.1	.1	.2	.1	.1	.1	23	.5
16	BF	.1	.3	.2	.1	.1	.2	1.0	.8	.6	.6	.5	.3	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	23	1.0
17	BF	.1	.3	.1	.1	.1	.2	.8	.8	.5	.4	.5	.4	.2	.1	.2	.1	.2	.2	.3	.4	.1	.0	.1	23	.8
18	BF	.2	.3	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.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	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
20	BF	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.2	.2	.1	.2	.2	.2	.1	.0	.0	.0	.0	23	.2
21	BF	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	23	.2
22	BF	.1	.6	.4	.2	.1	.2	.2	.2	.2	.3	.4	.2	.3	.3	.3	.3	.4	.4	.5	.4	.4	.3	.3	23	.6
23	BF	.3	.4	.3	.4	.3	.4	.4	.4	.6	.6	.6	.5	.5	.5	.5	.5	.6	.6	.5	.5	.5	.5	.7	23	.7
24	BF	.6	.3	.3	.3	.2	.5	.5	.6	.6	.5	.3	.2	.1	.2	.3	.1	.2	.2	.2	.3	.2	.2	.2	23	.6
25	BF	.3	.3	.3	.3	.2	.3	.3	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	23	.3
26	BF	.1	.2	.2	.1	.1	.1	.2	.1	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
27	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
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	.1	.1	.0	.0	.1	.1	.1	.1	.1	.0	.1	.2	.2	.2	.2	.1	.1	.3	.7	.7	.1	.0	23	.7
30	BF	.0	.1	.0	.0	.1	.2	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
31	BF	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
NO.:	3	22	22	22	22	22	22	22	22	21	22	23	23	23	23	23	23	23	23	23	23	23	23	23		
MAX:	.2	.6	.6	.4	.7	.4	.5	1.0	.8	.9	1.0	.9	.8	.8	.9	1.0	.8	.7	.6	.5	.7	.7	.5	.7		
AVG:	.07	.12	.20	.13	.13	.10	.15	.24	.23	.25	.22	.21	.20	.18	.17	.15	.13	.15	.14	.13	.16	.13	.08	.11		

MONTHLY OBSERVATIONS: 521 MONTHLY MEAN: .16 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: 37-051-0010 POC: 1
COUNTY: (051) Cumberland
CITY: (22920) Fayetteville
SITE ADDRESS: 4665 Lakewood Dr
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (169) SANDHILLS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 35.0023035276
LONGITUDE: -78.991692342
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 135
PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2015

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	.2	.1	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
2	BF	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	-.1	23	.2
3	BF	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.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	.1	.0	.0	.0	.0	.0	.0	.0	23	.1
5	BF	.0	.1	.0	.0	.0	.0	.0	BA	BA	.0	.0	.0	-.1	-.1	.0	.0	-.1	.0	.0	.1	.0	.0	.0	21	.1
6	BF	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.1	.1	.1	.1	.1	.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	.1	.0	.1	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.1
9	BF	.1	.1	-.1	-.1	-.1	-.1	.0	.0	.2	.1	.0	.0	.0	.0	.0	-.1	.0	-.1	-.1	-.1	-.1	.0	.0	23	.2
10	BF	.0	.0	.0	.1	.3	.5	.5	.5	.2	-.1	-.1	-.1	-.1	.0	-.1	.0	-.1	-.1	-.1	-.1	.0	.0	-.1	23	.5
11	BF	-.1	-.1	-.2	-.1	-.1	.0	.0	.0	-.1	-.1	-.1	.0	.0	.2	.1	.0	.0	-.1	-.1	-.1	-.1	-.1	.0	23	.2
12	BF	.0	.0	-.1	-.1	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.2	-.1	.0	-.1	.0	.0	.0	.0	.0	.0	.0	23	0.0
13	BF	-.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	-.1	.0	-.1	-.1	-.1	-.2	23	.1
14	BF	.0	.0	-.1	.0	.0	-.1	.9	1.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	23	1.1
15	BF	.0	.0	.0	-.1	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
16	BF	.0	.0	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
17	BF	.1	.0	.0	.0	.0	.3	.8	.6	.4	.3	.0	.0	.0	.0	.0	.0	.0	-.1	-.2	-.1	-.1	-.1	-.2	23	.8
18	BF	-.1	-.3	-.3	-.2	-.1	-.1	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.1	-.3	-.2	-.3	-.3	-.2	-.3	-.2	-.2	-.3	23	-.1
19	BF	-.1	-.2	-.3	-.2	-.2	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	-.2	-.2	-.2	-.3	-.3	-.2	23	0.0
20	BF	.0	.0	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	23	0.0
21	BF	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	.0	.0	.0	.0	-.1	-.1	.0	.0	.0	-.1	.0	.0	.0	23	0.0
22	BF	.1	.1	.0	.0	.0	.0	.1	.7	.5	.3	.2	.2	.3	.3	.2	.2	.1	.1	.1	.0	.0	.0	.0	23	.7
23	BF	.0	-.1	-.2	-.1	.0	.0	.0	.0	.0	-.1	.0	.1	.3	.1	.1	.1	.1	.1	.1	.2	.3	.6	.4	23	.6
24	BF	.2	.0	.0	.0	.1	.1	.0	.0	.0	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	-.1	23	.7
25	BF	.1	-.1	-.1	.0	-.1	.0	.0	.0	-.1	.0	.0	.0	.0	-.1	-.1	.0	-.1	.0	-.2	-.1	-.1	-.2	-.2	23	.1
26	BF	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	-.1	-.1	-.1	-.2	-.1	23	0.0
27	BF	.0	-.1	-.1	-.1	-.1	.0	-.1	-.1	.0	.0	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	23	0.0
28	BF	-.1	-.1	-.2	-.2	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
29	BF	.1	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	23	.2
30	BF	.1	.0	.0	.0	.0	.1	.3	.2	.2	.1	.2	.1	.1	.0	.1	.0	.0	.0	-.1	-.1	-.1	-.1	.0	23	.3
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:		.2	.1	0.0	.1	.3	.5	.9	1.1	.5	.7	.2	.2	.3	.3	.2	.2	.1	.1	.1	.2	.3	.6	.4		
AVG:		0.00	-.02	-.06	-.04	-.02	.02	.08	.10	.04	.03	.01	.01	0.00	0.00	-.01	-.01	-.02	-.04	-.04	-.04	-.03	-.03	-.05		

MONTHLY OBSERVATIONS: 688 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: 37-051-0010 POC: 1
COUNTY: (051) Cumberland
CITY: (22920) Fayetteville
SITE ADDRESS: 4665 Lakewood Dr
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (169) SANDHILLS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 35.0023035276
LONGITUDE: -78.991692342
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 135
PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2015

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	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.1	-.2	-.2	-.1	-.1	-.2	-.1	-.2	-.2	-.1	-.1	-.1	-.1	-.1	23	0.0
2	BF	.0	.0	.0	.0	.0	.0	-.1	BA	.0	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.1	-.2	-.2	22	0.0
3	BF	-.2	-.1	-.2	-.2	-.2	-.1	-.1	-.2	-.2	-.2	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.1	-.1	-.1	.0	-.1	.0	23	0.0
4	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	.0	-.1	.0	.0	.5	.3	.1	.0	23	.5
5	BF	.0	-.1	.0	-.1	.0	.0	.0	.1	.1	.0	-.2	-.1	-.1	.0	-.1	-.2	-.1	-.2	-.2	-.1	-.2	-.2	-.1	23	.1
6	BF	-.1	-.1	-.1	-.2	-.1	.0	.0	.0	-.1	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.1	-.1	-.2	-.2	-.2	-.2	23	0.0
7	BF	-.1	-.2	-.1	-.2	-.1	-.1	.0	-.1	-.1	-.2	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.2	-.1	-.1	-.1	-.2	-.2	23	0.0
8	BF	.0	.0	.0	-.1	-.1	-.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	-.1	-.1	-.2	-.2	-.3	23	.1
9	BF	-.1	-.2	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	.0	.0	-.1	.0	.0	.0	.0	.0	-.1	.0	.1	.0	23	.1
10	BF	.2	.1	.1	.0	.1	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	23	.2
11	BF	.0	.0	.0	-.1	.0	.0	.0	.2	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.4	.0	-.1	-.1	.0	23	.4
12	BF	.0	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	23	0.0
13	BF	.0	.0	-.2	-.1	-.2	-.1	-.1	-.2	-.2	-.3	-.3	-.2	-.1	-.1	-.2	-.2	-.3	-.1	-.2	-.2	-.2	-.2	-.2	23	0.0
14	BF	-.1	-.2	-.3	-.2	-.3	-.2	-.2	-.2	-.1	-.2	-.2	-.1	-.2	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	.1	.0	23	.1
15	BF	.0	.0	-.1	-.1	-.2	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	23	0.0
16	BF	-.1	-.1	-.1	.0	.0	-.1	-.1	-.1	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	-.1	23	.2
17	BF	-.1	-.2	-.1	-.2	-.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	.0	.0	.0	.0	.0	.1	23	.1
18	BF	.0	-.1	-.1	.0	.0	.0	.0	.2	.0	.0	.0	-.1	-.1	-.1	-.2	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	23	.2
19	BF	-.1	-.3	-.3	-.3	-.3	-.3	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.1	-.1	-.2	-.3	-.3	-.4	-.4	-.3	-.4	23	-.1
20	BF	-.2	-.3	-.4	-.3	-.4	-.4	-.4	-.3	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.3	-.3	-.2	-.2	23	-.1
21	BF	-.1	.4	-.2	-.1	.0	-.1	-.1	.2	.2	.0	-.1	-.3	-.2	-.3	-.3	-.2	-.2	-.2	-.3	-.2	-.3	-.3	-.3	23	.4
22	BF	-.2	-.3	-.3	-.3	-.2	-.1	.1	.3	.6	1.1	.9	.5	.3	.2	.1	.2	.1	.2	.3	.1	.0	.0	.0	23	1.1
23	BF	.0	.0	.0	-.2	-.2	-.3	-.3	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	23	0.0
24	BF	-.1	-.2	-.2	-.2	-.2	-.3	-.3	-.2	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.1	.0	23	.1
25	BF	.1	.0	.0	.0	-.1	.0	.0	.1	.3	.2	.2	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	23	.3
26	BF	.0	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	-.1	23	.1
27	BF	.0	-.1	-.1	-.1	-.2	-.1	-.1	-.2	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.3	.2	.3	.0	23	.3
28	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	-.1	.0	.0	23	0.0
29	BF	.0	-.1	-.1	-.2	.0	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	-.1	.1	.4	23	.4
30	BF	.4	.1	-.1	.0	-.1	.0	BA	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.3	-.3	-.3	-.3	22	.4
31	BF	-.1	-.2	-.2	.0	.5	.7	.5	.4	.3	.2	.3	.3	.6	.6	.5	.5	.4	.4	.3	.1	.0	-.1	-.2	23	.7
NO.:		31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		.4	.4	.1	0.0	.5	.7	.5	.4	.6	1.1	.9	.5	.6	.6	.5	.5	.4	.4	.4	.5	.3	.3	.4		
AVG:		-.03	-.08	-.12	-.12	-.09	-.06	-.06	-.03	-.03	-.02	-.04	-.05	-.05	-.05	-.07	-.06	-.07	-.06	-.05	-.06	-.09	-.08	-.10		

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: -.06 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: 37-051-0010 POC: 1
COUNTY: (051) Cumberland
CITY: (22920) Fayetteville
SITE ADDRESS: 4665 Lakewood Dr
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (169) SANDHILLS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 35.0023035276
LONGITUDE: -78.991692342
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 135
PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2015

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	-.2	-.2	-.2	.2	.4	.7	.5	.2	.3	.2	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	-.1	23	.7
2	BF	.0	-.2	-.2	-.2	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.2	23	.1
3	BF	-.1	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.3	-.2	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.2	-.2	-.2	-.2	23	-.1
4	BF	.0	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.3	-.2	-.1	-.1	-.1	.0	-.1	-.1	-.2	-.1	-.2	-.2	-.2	-.2	-.2	23	0.0
5	BF	-.1	-.2	-.2	-.3	-.2	-.2	-.2	-.1	.6	.4	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	23	.6
6	BF	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	23	.1
7	BF	-.1	-.2	-.1	-.2	-.2	-.1	-.2	-.3	-.2	-.2	-.2	-.3	-.3	-.2	-.2	-.2	-.1	-.1	-.2	-.3	-.2	-.3	-.3	23	-.1
8	BF	-.1	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.2	-.2	-.3	-.3	-.2	-.2	-.1	-.1	-.1	-.2	-.1	-.1	23	-.1
9	BF	-.1	-.2	-.2	-.1	-.2	-.1	.0	-.1	-.1	-.2	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0
10	BF	-.1	-.1	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.1	-.1	-.1	-.1	-.2	-.1	-.2	-.1	-.2	-.2	-.2	-.1	-.2	-.2	23	-.1
11	BF	-.1	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.3	-.4	-.3	-.3	-.3	-.2	-.3	-.3	-.2	-.3	-.2	-.3	23	-.1
12	BF	-.1	-.3	-.3	-.2	-.3	-.2	.0	.1	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	23	.2
13	BF	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	23	.1
14	BF	.0	-.1	.0	-.1	-.1	.0	.0	.2	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	23	.2
15	BF	-.1	-.2	-.2	-.1	-.1	.0	.0	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	-.1	23	.6
16	BF	.0	-.2	-.2	-.2	-.2	-.1	.1	.5	.0	-.1	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	-.1	-.1	-.2	23	.5
17	BF	-.1	-.2	-.2	-.2	-.1	-.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	-.1	-.1	-.2	-.2	-.2	-.2	-.2	23	.1
18	BF	.0	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.2	-.3	-.1	-.2	-.3	-.3	-.2	-.3	-.3	-.2	-.3	-.2	-.3	-.3	-.4	23	0.0
19	BF	-.2	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	23	-.2
20	BF	-.2	-.3	-.3	-.3	-.4	-.3	-.3	-.2	-.3	-.2	-.2	-.2	-.2	-.1	-.3	-.3	-.2	-.3	-.2	-.2	-.3	-.2	-.3	23	-.1
21	BF	-.2	-.3	-.3	-.3	-.3	-.3	.0	.0	.0	.0	-.1	-.1	-.3	-.2	-.2	-.1	-.1	.0	-.1	-.1	-.2	-.2	-.1	23	0.0
22	BF	.0	.0	.0	.1	.1	.1	.2	.3	.3	.1	.1	.2	.2	.1	.0	.0	.1	.1	.2	.1	.0	.0	.0	23	.3
23	BF	.0	.0	.0	.0	.0	.0	.0	.2	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	23	.2
24	BF	.0	-.1	-.1	-.1	-.1	.0	.0	.0	.0	-.1	-.1	-.1	-.2	-.3	-.3	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.2	23	0.0
25	BF	-.2	-.2	-.3	-.3	-.3	-.2	-.2	-.2	.0	.0	.0	.0	-.1	-.1	-.1	-.1	.0	-.2	-.2	-.3	-.3	-.3	-.2	23	0.0
26	BF	-.2	-.3	-.2	-.3	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.1	-.1	.0	.0	-.2	-.2	-.1	23	0.0
27	BF	.0	-.1	.0	.0	.0	.0	.1	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	.1	.0	22	.5
28	BF	.1	.2	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.2	.1	.1	.0	.0	23	.2
29	BF	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.1	.1	.1	.0	.0	23	.2
30	BF	.1	.2	.1	.0	.0	.0	.0	.3	.3	.3	.1	.1	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.2	-.1	-.2	23	.3
31	BF	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.1	-.2	-.1	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.2	-.1	-.2	-.2	23	0.0
NO.:		31	31	31	31	31	31	31	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		.1	.2	.1	.1	.1	.2	.4	.7	.6	.4	.4	.4	.2	.1	.1	.1	.1	.1	.2	.1	.5	.1	.3		
AVG:		-.05	-.14	-.15	-.15	-.14	-.10	-.05	.02	0.00	-.03	-.03	-.04	-.08	-.08	-.09	-.09	-.08	-.09	-.08	-.09	-.11	-.13	-.14		

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: -.08 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: 37-051-0010 POC: 1
COUNTY: (051) Cumberland
CITY: (22920) Fayetteville
SITE ADDRESS: 4665 Lakewood Dr
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (169) SANDHILLS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 35.0023035276
LONGITUDE: -78.991692342
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 135
PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2015

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	-.2	-.1	-.2	-.3	-.2	-.2	-.1	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	-.1	-.1	-.2	23	0.0
2	BF	-.1	-.2	-.1	-.1	.0	.0	.0	-.1	-.2	-.2	-.1	-.1	-.1	-.1	.0	-.1	-.1	.0	-.1	-.1	-.2	-.1	-.3	23	0.0
3	BF	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.2	-.2	23	0.0
4	BF	-.1	-.1	-.1	-.2	-.2	-.2	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.2	-.2	-.2	-.2	23	0.0
5	BF	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.2	-.2	-.2	-.2	23	-.1
6	BF	-.1	-.1	-.2	-.2	-.1	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.2	23	-.1
7	BF	-.2	-.2	-.2	-.2	-.3	-.4	-.3	-.4	-.3	-.4	-.3	-.3	-.3	-.4	-.3	-.4	-.4	-.3	-.4	-.4	-.4	-.3	-.3	23	-.2
8	BF	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.4	23	-.2
9	BF	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.3	-.4	-.3	-.3	23	-.2
10	BF	-.2	-.3	-.3	-.3	-.3	-.4	-.3	-.3	-.4	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.4	23	-.2
11	BF	-.2	-.3	-.2	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.2	-.3	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.3	23	-.2
12	BF	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.3	-.3	-.4	-.4	-.3	-.3	-.3	-.2	-.3	-.3	-.4	-.4	-.4	-.4	-.3	-.3	23	-.2
13	BF	-.2	-.3	-.3	-.2	-.2	-.1	-.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	23	.1
14	BF	.1	.1	.0	.1	.1	.4	.4	.4	.3	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.2	.1	.1	.1	23	.4
15	BF	.0	.1	.1	.1	.2	.2	.3	.4	.2	.2	.4	.4	.3	.4	.3	.2	.2	.3	.2	.1	.2	.2	.1	23	.4
16	BF	.0	.1	.1	.0	.1	.1	.2	.2	.3	.3	.3	.2	.1	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	23	.3
17	BF	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	23	.2
18	BF	.0	.0	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	23	0.0
19	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	-.1	23	0.0
20	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	.0	.1	.1	.1	.1	.1	.2	.1	.0	.0	-.1	-.1	-.1	23	.2
21	BF	-.1	-.1	-.1	-.1	.0	-.1	-.2	.0	.1	.1	.0	.0	-.1	-.2	-.1	-.1	-.2	-.2	-.2	-.2	-.1	-.1	-.2	23	.1
22	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.2	-.1	-.2	-.1	-.1	-.1	-.2	.0	-.1	-.2	-.1	-.1	23	0.0
23	BF	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	23	0.0
24	BF	.0	.0	.0	.0	.0	.0	.0	BA	-.2	-.2	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.2	22	0.0
25	BF	-.1	-.3	-.2	-.2	-.1	-.2	-.2	-.3	-.2	-.2	-.2	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	23	-.1
26	BF	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.2	-.2	-.3	23	-.2
27	BF	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	23	-.1
28	BF	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.5	-.4	-.4	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.4	-.3	23	-.3
29	BF	-.2	-.3	-.4	-.4	-.3	-.3	-.3	-.4	-.4	-.4	-.5	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.5	23	-.2
30	BF	-.2	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.4	-.4	23	-.2
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:		.1	.1	.1	.1	.2	.4	.4	.4	.3	.3	.4	.4	.3	.4	.3	.2	.3	.3	.3	.2	.2	.2	.1		
AVG:		-.12	-.15	-.15	-.15	-.15	-.15	-.13	-.13	-.13	-.13	-.12	-.12	-.12	-.13	-.13	-.14	-.13	-.14	-.15	-.17	-.19	-.18	-.20		

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: -.14 MONTHLY MAX: .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: 37-051-0010 POC: 1
COUNTY: (051) Cumberland
CITY: (22920) Fayetteville
SITE ADDRESS: 4665 Lakewood Dr
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (169) SANDHILLS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 35.0023035276
LONGITUDE: -78.991692342
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 135
PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2015

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	-.3	-.3	-.3	-.2	-.2	-.2	-.3	-.3	-.2	-.2	-.2	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	13	-.2
2	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
3	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
4	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
5	SA	SA	SA	SA	SA	SA	SA	SA	SA	-.2	-.3	-.3	-.2	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.3	-.3	-.2	-.1	15	-.1
6	BF	-.1	.0	-.1	.0	-.1	.0	.0	.0	.0	-.1	.0	.0	-.1	-.1	.0	.0	.0	.0	-.1	-.1	.0	-.1	-.2	23	0.0
7	BF	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.2	-.2	23	.2
8	BF	-.1	-.2	-.1	-.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	23	.1
9	BF	-.2	-.1	-.1	-.1	.0	-.1	-.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.3	23	.2
10	BF	-.2	-.3	-.3	-.2	-.3	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.2	-.1	-.1	-.2	23	-.1
11	BF	.0	-.1	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.2	.0	.1	.1	.0	.0	.0	.0	23	.2
12	BF	.0	.0	-.1	.0	.0	.0	.0	.1	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	23	.2
13	BF	.0	.0	.0	-.1	.0	.0	.0	.0	.1	.2	.2	.2	.0	.2	.1	.1	.2	.1	.0	.0	.0	.0	.0	23	.2
14	BF	-.1	-.1	-.1	.0	-.2	-.1	-.2	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
15	BF	.0	.0	.1	.1	.1	.2	.4	.8	.8	1.0	.9	.7	.6	.6	.6	.5	.6	.3	.2	.2	.1	.1	.0	23	1.0
16	BF	.1	.0	.0	.1	.0	.0	.2	.3	.4	.3	.4	.3	.4	.5	.5	.5	.4	.6	.4	.2	.2	.1	.1	23	.6
17	BF	.0	.1	.0	.1	.1	.3	.6	.6	.5	.6	.7	.7	.8	.8	.6	.6	.6	.6	.5	.5	.5	.4	.4	23	.8
18	BF	.4	.4	.4	.3	.4	.4	.5	.5	.5	.4	.5	.7	.7	.6	.6	.6	.7	.6	.5	.5	.5	.4	.4	23	.7
19	BF	.5	.4	.5	.4	.5	.6	.6	.9	.9	.8	.7	.8	.7	.7	.7	.7	.8	.6	.6	.6	.5	.5	.4	23	.9
20	BF	.4	.5	.5	.5	.6	.6	.7	.7	.9	.9	.8	.7	.7	.6	.6	.7	.7	.7	.6	.5	.4	.4	.4	23	.9
21	BF	.4	.4	.5	.4	.5	.6	.6	.8	.7	.4	.5	.6	.8	.9	.8	.6	.8	.5	.5	.5	.4	.3	.3	23	.9
22	BF	.3	.2	.2	.3	.4	.5	.5	.6	.5	.8	.5	.5	.4	.4	.3	.3	.4	.4	.1	.1	.1	.1	.0	23	.8
23	BF	.2	.2	.2	.2	.2	.3	.2	.3	.6	.9	1.0	.9	.7	.7	.6	.5	.5	.5	.3	.2	.3	.6	.4	23	1.0
24	BF	.1	.0	.1	.0	.0	.0	.0	.3	.3	.2	.2	.2	.3	.3	.3	.4	.4	.3	.2	.2	.2	.2	.1	23	.4
25	BF	.1	.1	.1	.1	.1	.0	.2	.2	.3	.4	.3	.3	.2	.2	.2	.1	.0	.1	.1	.0	.0	.0	.0	23	.4
26	BF	.0	.1	.1	.1	.2	.3	.4	.3	.2	.3	.3	.2	.2	.3	.3	.2	.2	.2	.2	.2	.2	.2	.1	23	.4
27	BF	.1	.1	.2	.1	.1	.3	AZ	AZ	AZ	.2	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20	.3
28	BF	.0	.0	.0	.0	-.1	.0	-.1	.0	-.2	-.1	-.1	-.2	-.3	-.3	-.2	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	23	0.0
29	BF	-.2	-.2	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
30	BF	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.5	.4	.5	.4	.4	.4	.4	.3	.4	.6	.6	.6	.4	23	.6
31	BF	.3	.4	.4	.4	.3	.3	.4	.5	.6	.9	.6	.6	.6	.6	.5	.5	.4	.3	.5	.5	.4	1.1	.6	23	1.1
NO.:		27	27	27	27	27	27	26	26	27	28	28	28	28	27	27	27	27	27	27	27	27	27	27		
MAX:		.5	.5	.5	.5	.6	.6	.7	.9	.9	1.0	1.0	.9	.8	.9	.8	.7	.8	.7	.6	.6	.6	1.1	.6		
AVG:		.06	.06	.07	.07	.09	.14	.17	.27	.27	.28	.28	.27	.24	.27	.24	.23	.23	.20	.15	.13	.12	.14	.08		

MONTHLY OBSERVATIONS: 623 MONTHLY MEAN: .18 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: 37-051-0010 POC: 1
COUNTY: (051) Cumberland
CITY: (22920) Fayetteville
SITE ADDRESS: 4665 Lakewood Dr
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (169) SANDHILLS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 35.0023035276
LONGITUDE: -78.991692342
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 135
PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2015

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	.6	.5	.4	.5	.7	.7	.8	.8	.7	.6	.3	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.8
2	BF	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	23	0.0
3	BF	.0	.0	-.2	-.1	.0	-.1	-.3	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
4	BF	.0	.0	.0	.0	.1	.1	.0	.2	.1	.1	.1	.2	.1	.0	.0	.0	.0	.0	-.1	.0	-.1	.0	.0	23	.2
5	BF	.0	.0	.0	.0	-.1	-.2	-.2	BR	BR	-.3	.0	-.1	.0	-.1	-.1	-.1	.0	-.2	-.1	-.1	-.1	-.2	-.2	21	0.0
6	BF	-.1	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.1	.0	23	0.0
7	BF	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.3	-.2	-.2	-.1	-.1	23	-.1
8	BF	.4	.3	.3	.5	.4	.4	.4	.3	.3	.6	.6	.5	.7	.6	.6	.6	.5	.4	.5	.5	.4	.3	.3	23	.7
9	BF	.2	.2	.2	.1	.1	.2	.2	.2	.1	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
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	.1	.1	.1	.4	.3	.4	.2	.3	.3	.3	.3	.3	.3	.3	.4	.3	.3	.3	23	.4
12	BF	.2	.3	.3	.3	.3	.4	.5	.5	.6	.5	.4	.3	.2	.3	.2	.1	.1	.0	.1	.1	.0	.1	.1	23	.6
13	BF	.0	.0	.1	.0	.0	.1	.1	.3	.4	.5	.5	.4	.5	.6	.6	.5	.7	.7	.7	.8	.7	.8	.7	23	.8
14	BF	.6	.6	.7	.8	.8	.8	.9	.8	.8	.9	.9	.8	.8	.8	.9	.8	.9	.8	.7	.6	.6	.6	.5	23	.9
15	BF	.5	.5	.6	.5	.6	.6	.6	.7	1.4	1.3	1.3	1.3	1.2	1.1	1.1	1.0	.9	.8	.7	.7	.7	.6	.6	23	1.4
16	BF	.6	.5	.6	.6	.7	.8	.8	.8	.8	1.2	1.1	1.0	.9	.8	.8	.9	1.0	.7	.7	.8	.7	.6	.6	23	1.2
17	BF	.7	.7	.7	.7	.7	.8	.8	.9	.9	.9	1.0	1.0	1.0	1.2	1.0	1.0	1.0	1.0	.9	.9	.8	.7	.8	23	1.2
18	BF	.7	.6	.6	.5	.4	.4	.5	.9	1.1	.5	.4	.4	.4	.5	.4	.3	.2	.1	.1	.2	.3	.2	.1	23	1.1
19	BF	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	-.2	-.1	-.2	-.2	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	23	.2
20	BF	-.1	.0	.0	.0	.1	.1	.3	.4	.5	.5	.6	.7	.6	.6	.6	.7	.7	.7	.7	.6	.7	.7	.7	23	.7
21	BF	.5	.4	.5	.5	.5	.5	.7	.7	.8	1.1	1.2	1.4	1.3	1.1	1.1	1.1	.9	.8	.7	.7	.5	.5	.5	23	1.4
22	BF	.4	.4	.4	.3	.4	.4	.3	.5	.6	.6	.5	.5	.5	.5	.6	.6	.7	.7	.6	.5	.6	.7	.7	23	.7
23	BF	.6	.6	.7	.6	.7	.8	.8	1.0	.9	1.0	1.2	.9	.9	.9	.9	1.0	.9	.8	.8	.7	.7	.7	.7	23	1.2
24	BF	.7	.8	.8	AE	AE	AE	AE	AE	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.2	.9	.8	.8	.8	.8	1.0	18	1.3
25	BF	.8	AE	AE	AE	AE	AE	.7	.9	.9	.8	.9	1.0	1.0	1.1	1.0	1.0	1.0	.9	1.0	.9	.8	.8	.8	18	1.1
26	BF	.7	.7	.8	.7	.6	.6	.7	.7	.6	.7	.7	.7	.6	.6	.5	.5	.6	.6	.7	.6	.6	.5	.5	23	.8
27	BF	.5	.5	.5	.5	.5	.5	.4	.4	.5	.6	.5	.4	.4	.4	.4	.5	.6	.7	.6	.6	.5	.6	.6	23	.7
28	BF	.3	.5	.5	.4	.4	.3	.3	.4	.3	.4	.2	.2	.2	.2	.2	.4	.4	.4	.2	.4	.3	.4	.3	23	.5
29	BF	.3	.2	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.3	.3	.3	.4	.4	.4	.3	.4	.4	.3	.3	23	.4
30	BF	.2	.2	.1	.3	.2	.2	.3	.2	.2	.2	.2	.3	.1	.2	.2	.2	.2	.1	.1	.1	.1	.0	.1	23	.3
31																									0	
NO.:		30	29	29	28	28	28	29	28	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:		.8	.8	.8	.8	.8	.8	.9	1.0	1.4	1.3	1.3	1.4	1.3	1.2	1.1	1.1	1.2	1.0	1.0	.9	.8	.8	1.0		
AVG:		.29	.28	.30	.27	.28	.30	.33	.41	.50	.48	.50	.46	.43	.42	.41	.42	.42	.37	.34	.35	.33	.32	.32		

MONTHLY OBSERVATIONS: 678 MONTHLY MEAN: .37 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: 37-051-0010 POC: 1
COUNTY: (051) Cumberland
CITY: (22920) Fayetteville
SITE ADDRESS: 4665 Lakewood Dr
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (169) SANDHILLS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 35.0023035276
LONGITUDE: -78.991692342
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 135
PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2015

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	.1	.2	.2	.2	.3	.4	.4	.4	.4	.4	.4	.5	.4	.4	.4	.3	.3	.3	.3	.3	.3	23	.5
2	BF	.2	.2	.3	.2	.2	.2	.2	.2	.1	.2	.3	.3	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2	23	.3
3	BF	.2	.2	.1	.2	.2	.3	.2	.3	.3	.3	.4	.5	.6	.7	.7	.7	.6	.6	.6	.6	.6	.6	.9	23	.9
4	BF	.8	.8	.8	.8	.7	.7	.6	.7	.8	.8	.8	.8	.8	.9	.9	1.0	1.1	1.0	.8	.6	.8	.8	.7	23	1.1
5	BF	.5	.8	.8	.8	.8	.8	.9	1.1	1.2	1.1	.1	1.1	1.2	1.2	1.4	1.5	1.6	1.5	1.5	1.2	1.0	.9	.8	23	1.6
6	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	
7	BF	AS	AS	AS	AS	AS	AS	AS	AX	AX	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
8	AN	AN	AN	AN	AN	AN	AN	BC	BC	BC	BC	.0	.0	.0	-.1	-.1	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	13	0.0
9	BF	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.2	.1	.1	.1	.0	.0	-.1	23	.2
10	BF	.0	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.3	.5	.3	.2	.2	.1	.2	.2	.1	.0	.0	.0	.0	.0	23	.5
11	BF	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.3	.1	.1	.1	.0	.1	.1	.0	.0	.0	-.1	-.1	-.1	23	.4
12	BF	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.2	-.1	.0	.0	.0	-.1	.0	-.1	.0	-.1	.0	.0	-.1	-.1	-.1	.0	23	0.0
13	BF	.0	-.1	-.1	-.1	.0	.0	.0	-.1	-.1	.0	.2	.3	.0	.1	.3	.1	.1	.0	-.1	-.1	-.1	-.2	-.2	23	.3
14	BF	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	-.1
15	BF	.0	-.1	-.2	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	23	.1
16	BF	.0	.0	.0	.0	-.1	.0	.0	.0	.1	.5	.5	.7	.8	.8	.4	.3	.5	.2	.2	.1	.1	.0	.0	23	.8
17	BF	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	.0	-.1	.0	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	23	0.0
18	BF	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	23	.2
19	BF	.4	.3	.3	.3	.3	.4	.4	.5	.5	.6	.6	.5	.7	.5	.6	.6	.6	.6	.5	.5	.5	.6	.5	23	.7
20	DA	.6	.5	.5	.4	.8	.5	.6	.8	1.1	1.1	.9	.9	.9	1.0	.9	.9	1.0	.9	.8	.7	.6	.6	.7	23	1.1
21	BF	.7	.6	.6	.6	.6	.6	1.0	1.5	1.0	.9	1.0	.9	.7	.7	.6	.6	.6	.6	.6	.5	.3	.3	.2	23	1.5
22	BF	.3	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	23	.3
23	BF	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.1	-.1	.0	.0	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.2	23	0.0
24	BF	.0	.0	.0	-.1	-.1	-.1	-.1	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
25	BF	.0	.1	.0	.0	-.1	-.1	-.1	-.1	.0	.0	.0	.0	-.1	-.1	.0	.1	.0	.0	.0	.0	.0	-.1	-.1	23	.1
26	BF	.0	.0	-.1	.0	-.1	-.1	.0	-.1	.0	.0	-.1	.0	.0	-.1	.0	.0	.0	.0	.0	-.1	.0	.0	-.1	23	0.0
27	BF	.0	.0	.0	-.1	-.2	-.1	.0	.0	-.1	-.1	-.1	.0	-.1	-.1	.1	.0	.0	.0	.0	.0	.0	-.1	.0	23	.1
28	BF	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	.0	-.1	.0	.0	.0	-.1	.0	.0	-.1	-.1	-.2	-.1	-.1	-.1	23	0.0
29	BF	.0	-.1	-.1	-.1	-.1	-.1	-.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	.0	23	0.0
30	BF	.0	.0	.0	-.1	-.2	-.1	-.1	-.1	-.1	.0	.0	.0	.1	.0	.0	-.1	.0	-.1	.0	-.1	-.1	-.1	.0	23	.1
31	BF	.0	.0	.0	.0	.0	.0	-.1	.0	.0	BA	.0	.0	.0	-.1	-.1	-.1	-.1	.0	.0	-.1	.0	-.1	.0	22	0.0
NO.:		28	28	28	28	28	28	28	28	28	27	29	29	29	29	29	29	29	29	29	29	29	29	29		
MAX:		.8	.8	.8	.8	.8	.8	1.0	1.5	1.2	1.1	1.0	1.1	1.2	1.2	1.4	1.5	1.6	1.5	1.5	1.2	1.0	.9	.9		
AVG:		.12	.11	.09	.08	.08	.09	.10	.16	.17	.22	.18	.23	.21	.21	.20	.20	.22	.19	.17	.12	.12	.10	.11		

MONTHLY OBSERVATIONS: 656 MONTHLY MEAN: .15 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: 37-063-0015 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: 36.0329550009
LONGITUDE: -78.904037
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 118
PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2015

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	.4	.4	.4	.3	.1	.3	.3	.4	.4	.5	.5	.5	.4	.6	.6	.3	.5	.6	.5	.3	.3	.3	23	.6
2	BF	.3	.2	.3	.2	.2	.2	.2	.3	.4	.5	.3	.3	.2	.3	.3	.2	.3	.3	.2	.3	.4	.4	.4	23	.5
3	BF	.6	.3	.2	.2	.2	.2	.1	.1	.2	.2	.2	.2	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	23	.6
4	BF	.2	.1	.1	.1	.1	.1	.2	.1	.1	.2	.2	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.2	23	.2
5	BF	.2	.2	.2	.1	.2	.3	.2	.2	.2	.1	.1	.2	.1	.2	.2	.3	.3	.3	.3	.3	1.7	1.9	.7	23	1.9
6	BF	.4	.4	.3	.3	.2	.4	.5	.8	.6	.5	.6	1.0	1.5	.9	.5	.5	.6	.6	.5	.5	.5	.4	.2	23	1.5
7	BF	.2	.2	.3	.2	.3	.3	.4	.5	.6	.6	.6	.7	.4	.4	.8	1.1	1.4	1.0	.7	.8	1.2	1.1	.9	23	1.4
8	BF	.8	.7	.7	.5	.8	1.0	.9	1.0	1.1	1.3	.9	.9	.8	.8	.9	.8	.7	.7	.7	.6	.6	.6	.6	23	1.3
9	BF	.6	.5	.7	.6	.9	.9	.7	.9	1.2	1.3	1.3	1.2	1.4	1.3	1.1	1.0	.9	.9	.6	.6	.7	.7	.5	23	1.4
10	BF	.6	.4	.3	.6	1.0	1.3	1.2	1.0	1.2	1.2	1.6	2.0	3.1	2.3	1.1	1.2	1.3	1.4	1.4	1.1	1.0	.8	.5	23	3.1
11	BF	.3	.3	.2	.2	.2	.3	.3	.5	1.0	1.0	1.0	.9	.8	.7	.7	.6	.5	.6	.6	.6	.5	.5	.6	23	1.0
12	BF	.4	.3	.2	.2	.2	.1	.2	.2	.1	.2	.2	.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3	23	.4
13	BF	.2	.2	.3	.8	.8	.6	.5	.5	.6	.5	.6	.6	.6	.6	.6	.6	.5	.4	.4	.5	.7	1.0	1.0	23	1.0
14	BF	.8	.7	.6	.7	.9	1.1	1.0	1.4	1.4	1.1	BA	BA	1.0	.9	.8	.8	1.5	.9	.5	1.2	1.1	.6	.4	21	1.5
15	BF	.4	.3	.4	.6	3.0	10.9	9.8	5.1	5.2	5.4	7.6	5.6	3.7	2.5	2.5	1.1	.8	.8	.8	.7	.6	.6	.5	23	10.9
16	BF	.4	.3	.3	.3	.4	.4	.5	.5	.3	.3	.3	.3	.4	.3	.3	.5	.6	.7	.6	.5	.5	.4	.4	23	.7
17	BF	.3	.3	.2	.2	.2	.3	.3	.5	1.0	1.1	1.2	1.1	1.0	.8	.8	.7	.6	.6	.6	.6	.6	.4	.5	23	1.2
18	BF	.3	.3	.3	.3	.3	.2	.2	.2	.2	.6	.6	.5	.5	.4	.3	.3	.2	.3	.5	.5	.5	.4	.3	23	.6
19	BF	.3	.2	.1	.2	.3	.2	.4	.5	.7	.7	.5	.5	.5	.4	.5	.5	.6	.8	.8	.6	.5	.5	.5	23	.8
20	BF	.6	.5	.4	.3	.4	.5	.6	.8	.7	1.0	1.0	.9	.8	.7	.6	.6	.5	.9	.8	1.0	.8	.6	.5	23	1.0
21	BF	.7	1.0	.8	.6	.4	.5	.4	.6	.8	.6	.5	.6	1.8	2.5	1.7	2.0	1.5	1.1	.9	.6	.6	.5	.4	23	2.5
22	BF	.3	.2	.2	.1	.2	.4	.5	.5	.5	1.0	1.0	2.5	1.6	1.6	1.2	.7	.5	.7	.7	.7	.6	.5	.4	23	2.5
23	BF	.3	.4	.6	.6	.5	.5	.5	.5	.5	.5	.5	.4	.3	.3	.3	.3	.3	.2	.2	.1	.2	.2	.1	23	.6
24	BF	.2	.2	.2	.1	.2	.2	.1	.2	.6	.7	.3	.4	.8	1.1	1.0	.8	1.1	.9	.6	.4	.5	.5	.7	23	1.1
25	BF	.3	.2	.2	.3	.1	.2	.2	.3	.7	.7	.8	.5	.5	.6	.5	.4	.4	.3	.3	.4	.5	.3	.3	23	.8
26	BF	.4	.3	.3	.3	.2	.3	.3	.2	.3	.4	.4	.4	.4	.3	1.0	3.8	2.6	2.2	1.2	.4	.9	1.6	1.0	23	3.8
27	BF	2.0	1.9	1.5	1.2	.6	.5	.6	.6	.7	1.0	1.8	1.0	1.1	1.1	1.2	1.0	.9	.7	.8	.5	.8	.7	.9	23	2.0
28	BF	2.2	2.3	2.3	2.2	2.1	1.8	1.6	2.9	3.4	BA	BA	4.2	5.9	4.8	2.2	2.0	1.6	1.2	1.1	.8	.7	.6	.5	21	5.9
29	BF	.4	.4	.3	.4	.4	.3	.5	1.0	1.4	1.4	1.3	1.1	1.1	1.0	.9	.8	.8	.8	.6	.6	.5	.5	.7	23	1.4
30	BF	.5	.4	.4	.5	.5	.4	.7	.6	.5	.5	.7	.7	.5	.7	.7	.6	.5	.4	.6	.6	.7	.8	.8	23	.8
31	BF	.8	.8	.8	.7	.7	.5	.5	.8	1.0	1.0	1.0	1.1	1.1	1.2	1.2	1.6	2.5	2.1	1.9	1.6	1.3	1.1	1.1	23	2.5
NO.:		31	31	31	31	31	31	31	31	31	30	29	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:		2.2	2.3	2.3	2.2	3.0	10.9	9.8	5.1	5.2	5.4	7.6	5.6	5.9	4.8	2.5	3.8	2.6	2.2	1.9	1.6	1.7	1.9	1.1		
AVG:		.53	.48	.45	.45	.54	.81	.79	.76	.89	.87	.95	1.02	1.07	.95	.81	.84	.80	.74	.65	.58	.65	.61	.53		

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: .73 MONTHLY MAX: 10.9

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: 36.0329550009
LONGITUDE: -78.904037
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 118
PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2015

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	.9	.7	.6	.5	.5	.5	.5	.7	1.1	1.0	1.2	1.1	1.1	1.1	.9	.8	.9	.9	.8	.5	.4	.4	.4	23	1.2
2	BF	.4	.3	.3	.3	.3	.2	.3	.2	.2	.3	.3	.3	.3	.3	.5	.8	1.5	1.6	1.5	1.2	.9	.8	.5	23	1.6
3	BF	.5	.5	.4	.4	.3	.3	.5	.5	.9	1.1	1.1	1.0	.9	.9	1.0	.9	.7	.6	.6	.7	.6	.5	.4	23	1.1
4	BF	.4	.3	.3	.2	.3	.4	.6	.9	1.1	1.3	1.0	.9	.8	.7	.6	.6	.6	.6	.7	.7	.6	.7	.6	23	1.3
5	BF	.5	.6	.6	.5	.6	1.1	1.0	.9	2.0	.9	.6	.7	.9	1.1	.8	.9	.9	1.0	.8	.8	.9	1.1	1.9	23	2.0
6	BF	1.1	.9	1.0	1.2	1.0	.9	1.0	2.4	5.0	5.4	5.8	4.0	1.6	1.6	1.8	1.7	1.5	1.6	1.4	1.2	1.0	.8	.8	23	5.8
7	BF	.6	.5	.4	.5	.5	.6	.5	.7	.9	1.0	1.0	.9	.9	.9	1.0	.9	.8	.6	.6	.8	.8	.9	1.0	23	1.0
8	BF	.9	.9	.9	.7	.6	.6	.5	.8	.8	.7	.7	.6	.6	.5	.5	.4	.5	.7	.8	.7	.5	.6	.5	23	.9
9	BF	.6	.6	.5	.5	.6	.7	.7	.7	.8	1.0	.7	.7	BA	.7	.6	.4	.3	.2	.3	.4	.3	.7	.6	22	1.0
10	BF	.4	.3	.3	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	3	.4
11	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	2.4	1.5	1.1	.9	AE	AE	AE	AE	AE	4	2.4
12	AE	AE	AE	AE	AE	AE	AE	AE	AE	AT	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	0	
13	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BC	BC	.4	.3	.3	.3	.3	.2	.2	.3	.6	.6	10	.6
14	BF	.2	.2	.3	.3	.4	.1	.2	.5	.8	.8	.6	.4	.3	.2	.4	.1	.1	.2	.3	.0	.0	.1	.2	23	.8
15	BF	.2	.1	.2	.3	.4	.6	.5	.4	.4	.3	.2	.3	.4	.3	.3	.4	.5	.6	.8	.9	.8	.8	.8	23	.9
16	BF	1.2	1.5	1.6	5.6	2.3	2.6	1.7	1.2	.9	.6	.5	.5	.6	.6	.6	.5	.3	.1	.1	.1	.1	.1	.0	23	5.6
17	BF	.2	.2	.2	.7	.4	1.0	2.3	1.9	2.5	1.0	4.2	9.7	6.6	6.8	4.5	4.6	4.8	3.3	2.4	2.1	1.2	.5	.3	23	9.7
18	BF	.2	.1	.0	.0	.1	.1	.2	1.8	5.3	2.5	2.7	3.0	.5	.0	.1	.0	.2	.0	.2	.3	.2	.3	.3	23	5.3
19	BF	.3	.4	.5	.6	.7	.6	.5	.6	.9	.8	.8	.8	.8	.6	.6	1.1	.8	.8	.9	.9	.8	.9	.9	23	1.1
20	BF	1.4	1.6	1.9	2.0	2.0	2.0	2.1	2.1	2.0	2.0	2.0	1.7	AT	1.7	1.5	1.4	1.3	1.1	1.2	1.0	1.0	.8	.7	22	2.1
21	BF	.6	.5	.5	.5	.6	1.2	.9	.8	.7	.7	.7	.5	.6	.3	.3	.3	.2	.2	.2	.2	.1	.1	.1	23	1.2
22	BF	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.2	.0	23	.2
23	BF	.0	.1	.1	.1	.0	.0	.0	.1	.3	.6	.5	.4	.4	.2	.3	.3	.3	.4	.8	1.1	1.6	1.4	1.6	23	1.6
24	BF	1.3	1.3	1.2	.9	.6	.5	.3	.3	.3	.4	.6	.6	.6	.4	.4	.3	.2	.1	.1	.1	.0	.0	.0	23	1.3
25	BF	.0	.0	.0	.0	.0	.0	.0	.3	.6	.4	.3	.3	.3	.4	.3	.3	.3	.2	.2	.4	.0	.0	.0	23	.6
26	BF	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	.1	.2	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0	23	.3
27	BF	.0	.0	.0	.0	.0	.0	.0	.0	3.1	5.6	9.9	2.7	2.7	2.4	2.0	1.9	2.3	1.5	.8	.5	.3	.5	.6	23	9.9
28	BF	.8	1.5	2.2	2.0	2.6	2.9	1.7	1.8	2.2	2.1	2.3	2.5	2.3	2.1	1.9	1.9	1.9	1.9	1.5	1.8	1.9	1.6	2.0	23	2.9
29																									0	
30																									0	
31																									0	
NO.:		25	25	25	24	24	24	24	24	24	24	24	24	22	25	26	26	26	26	25	25	25	25	25		
MAX:		1.4	1.6	2.2	5.6	2.6	2.9	2.3	2.4	5.3	5.6	9.9	9.7	6.6	6.8	4.5	4.6	4.8	3.3	2.4	2.1	1.9	1.6	2.0		
AVG:		.51	.53	.56	.74	.62	.70	.67	.83	1.38	1.28	1.59	1.40	1.06	.97	.92	.87	.87	.75	.69	.67	.58	.58	.59		

MONTHLY OBSERVATIONS: 567 MONTHLY MEAN: .84 MONTHLY MAX: 9.9

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

(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: 36.0329550009
LONGITUDE: -78.904037
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 118
PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2015

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	AN	1.5	1.3	1.4	1.1	.9	.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.5
2	AN	.0	.0	.0	.0	.0	.0	.0	.0	.0	BA	BA	.0	.0	.1	.1	.1	.1	.3	.2	.1	.0	.0	.0	21	.3
3	BF	.0	.0	.2	.5	.4	.2	.3	.6	.8	.8	.7	.6	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.8
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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	23	.1
6	BF	.4	.4	.7	.6	.8	.9	1.0	.7	.8	.6	.4	.4	.4	.4	.4	.3	.4	.4	.4	.1	.0	.1	.0	23	1.0
7	BF	.0	.0	.0	.0	.0	.0	.1	.4	.4	.5	.3	.1	.3	.2	.2	.2	.1	.2	.1	.1	.0	.0	.0	23	.5
8	BF	.0	.0	.0	.0	.0	.0	.0	.1	.6	1.1	.5	.1	.0	.0	.0	.0	.1	.0	.2	.1	.1	.0	.0	23	1.1
9	BF	.0	.0	.0	.0	.2	.2	.2	.2	.5	.5	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.5
10	BF	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
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	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.1	.1	.0	.0	23	.2
13	BF	.0	.0	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.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	.3	.3	.5	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	23	.5
17	BF	.0	.0	.0	.0	.1	.2	.0	.2	.7	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.7
18	BF	.1	.3	.0	.0	.0	.0	.2	.1	.0	.7	.8	1.3	1.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.4
19	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
20	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.2	.5	.0	.0	.0	.0	.0	.0	23	3.2
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	.4	.9	.7	.7	.5	.2	.3	.2	.1	.0	.0	.0	.0	.0	23	.9
23	BF	.0	.0	.0	.0	.0	.0	.0	.1	.0	.4	.4	.4	.6	.6	.5	.4	.3	.3	.1	.0	.1	.0	.0	23	.6
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	AE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.6	.1	.0	AE	AE	20	.6
29	BF	.7	AE	AE	AE	.9	AE	AE	AE	AE	AE	2.7	2.3	1.4	.3	.2	.1	.1	.0	.1	.1	.1	.1	.0	15	2.7
30	BF	.1	.0	.0	.0	.1	.2	.2	.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	.1	.1	.1	.2	.8	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.8
NO.:		31	30	30	30	31	30	29	30	30	29	30	31	31	31	31	31	31	31	31	31	31	30	30		
MAX:		1.5	1.3	1.4	1.1	.9	.9	1.0	.7	.8	1.1	2.7	2.3	1.4	.6	.5	3.2	.5	.4	.6	.2	.2	.2	.1		
AVG:		.09	.07	.08	.07	.12	.09	.10	.10	.15	.23	.27	.22	.17	.09	.08	.15	.06	.05	.05	.03	.02	.01	0.00		

MONTHLY OBSERVATIONS: 700 MONTHLY MEAN: .10 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: 36.0329550009
LONGITUDE: -78.904037
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 118
PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2015

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	.9	.0	.0	.2	.4	.5	.4	.4	.3	.2	.1	.6	1.7	1.5	1.0	1.0	.5	.2	.0	.0	.0	.0	23	1.7
2	BF	.0	-.1	-.1	.0	-.2	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	23	.1
3	BF	.0	-.1	.0	-.1	.0	.0	.0	-.2	-.1	-.2	-.3	-.2	-.2	-.1	-.2	-.2	-.3	-.3	-.3	-.2	-.2	-.2	-.2	23	0.0
4	BF	-.2	-.2	-.2	-.3	-.3	-.1	-.2	-.3	-.2	-.2	-.3	-.2	-.3	-.2	-.3	-.3	-.2	-.1	.2	.1	.0	.1	.3	23	.3
5	BF	.0	-.1	-.1	-.1	-.1	AE	.1	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	22	.2
6	BF	.0	-.1	-.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	-.1	-.1	-.1	23	.1
7	BF	.0	-.2	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.3	-.3	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.3	-.2	23	0.0
8	BF	-.3	-.3	-.3	-.3	-.2	-.1	-.2	-.1	.0	-.1	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.1	-.3	-.3	-.2	-.2	23	0.0
9	BF	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.1	-.3	-.3	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.3	-.2	23	-.1
10	BF	-.2	-.2	-.3	-.2	-.3	-.3	-.3	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.3	23	-.1
11	BF	-.3	-.3	-.3	-.2	-.1	-.2	-.2	-.2	-.1	-.1	.0	.1	.0	.0	.1	.1	.0	.0	-.1	-.1	-.1	-.2	-.2	23	.1
12	BF	.0	-.1	-.2	-.2	-.2	.0	.1	.5	.6	.3	.4	.3	.2	.1	.1	.1	.0	.1	.0	-.1	.0	.0	-.1	23	.6
13	BF	-.2	-.2	-.2	-.3	-.3	-.2	-.1	.0	-.1	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	23	0.0
14	BF	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.3	-.4	-.4	-.5	-.4	-.5	-.5	-.4	-.5	23	-.3
15	BF	-.4	-.3	-.4	-.4	-.3	-.3	-.2	-.1	-.1	-.1	-.3	.0	.0	.0	-.2	-.3	-.3	-.4	-.4	-.3	-.4	-.4	-.4	23	0.0
16	BF	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.2	-.2	-.1	-.1	-.1	-.2	-.2	-.3	-.2	-.2	-.3	-.3	-.3	-.4	-.3	-.3	23	-.1
17	BF	-.3	-.3	-.4	-.3	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.3	-.4	-.5	-.3	-.5	-.5	-.5	-.5	23	-.3
18	BF	-.4	-.5	-.5	-.4	-.4	-.4	-.2	.0	-.2	-.2	-.1	-.2	-.3	-.4	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.3	-.4	23	0.0
19	BF	-.3	-.4	-.5	-.5	-.4	-.4	-.4	-.2	-.4	-.4	-.4	-.4	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.4	-.4	-.6	-.5	23	-.2
20	BF	-.5	-.5	-.6	-.6	-.5	-.6	-.6	-.6	-.5	-.6	-.5	-.6	-.5	-.5	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.6	23	-.5
21	BF	-.5	-.6	-.7	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.5	-.4	-.5	-.5	-.5	23	-.4
22	BF	-.4	-.5	-.5	-.4	-.5	-.5	-.2	-.2	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.3	-.3	-.4	-.3	-.4	-.3	-.4	-.4	23	-.2
23	BF	-.3	-.5	.1	1.4	.5	.0	.4	.1	.0	.0	.0	-.1	-.1	-.1	-.2	-.2	-.2	-.1	-.2	-.1	-.2	-.1	-.1	23	1.4
24	BF	-.1	-.1	-.1	-.1	.0	.2	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
25	BF	-.2	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	-.2	-.2	-.2	-.2	-.3	-.3	-.2	-.3	-.3	-.4	-.3	-.3	-.4	23	0.0
26	BF	-.3	-.3	-.3	-.4	-.3	-.4	-.3	-.3	-.4	-.5	-.5	-.5	-.4	-.4	-.2	-.1	.1	.2	-.2	-.2	-.3	-.4	-.4	23	.2
27	BF	-.3	-.3	-.4	-.3	-.2	-.3	AE	2.1	1.1	.5	.2	-.1	.0	.0	.0	.0	-.2	-.2	-.2	-.2	-.3	-.2	-.2	22	2.1
28	BF	-.2	-.2	-.2	-.2	-.2	1.0	8.9	.8	.2	.1	.0	.0	-.1	-.1	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.2	-.2	23	8.9
29	BF	-.3	-.2	-.3	-.3	-.2	-.1	-.1	-.1	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.3	-.3	-.3	-.3	23	-.1
30	BF	-.4	-.2	-.3	-.4	-.4	-.4	-.3	-.4	-.3	-.4	-.4	-.3	-.4	-.4	-.3	-.4	-.5	-.4	-.5	-.4	-.4	-.4	-.5	23	-.2
31																									0	
NO.:		30	30	30	30	30	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:		1.2	.9	.1	1.4	.5	1.0	8.9	2.1	1.1	.5	.4	.3	.6	1.7	1.5	1.0	1.0	.5	.2	.1	.1	.1	.3		
AVG:		-.19	-.23	-.28	-.22	-.22	-.17	.17	-.02	-.09	-.13	-.17	-.17	-.17	-.13	-.16	-.18	-.19	-.21	-.22	-.25	-.25	-.26	-.26		

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: -.17 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

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: 36.0329550009
LONGITUDE: -78.904037
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 118
PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2015

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	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.4	-.5	-.4	-.4	-.5	-.4	-.3	-.4	-.4	-.4	-.4	-.3	-.4	-.4	23	-.3
2	BF	-.3	-.4	-.5	-.3	AE	AE	AE	AE	AE	.3	.6	.0	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	18	.6
3	BF	-.2	-.2	-.3	-.3	-.3	AE	AE	AE	AE	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.2	-.2	-.2	-.2	-.3	-.2	19	-.1
4	BF	-.3	-.5	-.3	-.3	-.3	-.3	AE	AE	.0	.0	.0	-.1	-.1	-.2	-.2	-.2	-.1	-.1	-.1	-.2	-.2	-.3	-.3	21	0.0
5	BF	-.2	-.3	-.3	-.2	-.3	-.1	.1	.0	-.2	-.1	-.2	-.3	-.2	-.2	-.2	-.1	-.2	-.2	-.3	-.3	-.3	-.3	-.3	23	.1
6	BF	-.3	-.3	-.3	-.4	-.4	-.3	-.2	-.2	-.2	.0	-.1	-.2	-.3	-.3	-.3	-.2	-.3	-.2	-.3	-.3	-.2	-.4	-.3	23	0.0
7	BF	-.2	-.3	-.4	-.3	-.3	-.2	-.1	-.2	-.3	-.3	-.3	-.3	-.2	-.2	-.3	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	23	-.1
8	BF	-.3	-.3	-.4	-.4	-.4	-.3	-.2	-.3	-.4	-.3	-.3	-.4	-.3	-.4	-.4	-.4	-.3	-.4	-.4	-.3	-.4	-.4	-.4	23	-.2
9	BF	-.3	-.4	-.3	-.4	-.5	-.5	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.5	-.4	-.4	-.4	-.4	23	-.3
10	BF	-.4	-.4	-.4	-.5	-.5	-.4	-.4	-.5	-.5	-.5	-.4	-.4	-.4	-.5	-.5	-.5	-.4	-.4	-.4	-.3	-.4	-.4	-.5	23	-.3
11	BF	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.3	-.2	-.4	-.3	-.4	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.3	23	-.2
12	BF	-.1	-.3	-.2	-.3	-.5	-.3	-.3	-.2	-.3	-.5	-.4	-.4	-.4	-.3	-.3	-.2	-.2	-.3	-.3	-.3	-.2	-.3	.0	23	0.0
13	BF	-.2	-.3	-.2	.2	.3	.1	.2	.5	.2	.1	.0	-.1	-.2	-.2	-.3	-.2	-.2	-.3	.0	.0	.1	.0	-.2	23	.5
14	BF	-.3	-.2	-.3	-.2	-.2	-.2	.0	.0	.0	.0	-.1	-.1	-.1	-.2	-.3	-.3	-.3	-.2	-.3	-.3	-.3	-.4	-.4	23	0.0
15	BF	-.4	-.4	-.3	-.4	-.4	-.3	-.3	-.4	-.4	-.3	-.3	-.4	-.4	-.4	-.5	-.5	-.5	-.4	-.4	-.4	-.5	-.3	-.4	23	-.3
16	BF	-.3	-.5	-.5	-.4	-.4	-.1	-.1	-.3	-.3	-.4	-.3	-.3	-.5	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.3	-.4	23	-.1
17	BF	-.3	-.3	-.4	-.3	-.2	-.2	-.1	-.3	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.4	.0	.0	.0	.0	.0	.0	23	0.0
18	BF	.0	.1	.1	.0	.0	.1	.1	.4	.2	.1	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	-.1	23	.4
19	BF	.0	-.1	-.2	-.1	-.1	-.1	.0	-.1	.0	.0	-.1	-.1	-.1	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	23	0.0
20	BF	-.1	-.2	-.2	-.3	-.2	-.1	.1	5.0	7.9	8.1	3.3	1.4	.6	.0	.0	.0	.0	.0	-.1	.0	.0	.7	.2	23	8.1
21	BF	-.1	-.3	-.2	-.1	.0	-.1	-.1	-.1	-.1	-.2	-.3	-.4	-.3	-.1	.4	.3	.7	.0	-.4	-.4	-.5	-.5	-.5	23	.7
22	BF	-.3	-.4	-.5	-.4	-.4	-.3	-.1	.0	.0	.0	.0	.0	.1	.2	-.2	-.3	-.4	-.3	-.3	-.4	-.2	-.3	-.3	23	.2
23	BF	-.3	-.4	-.4	-.3	-.3	-.3	-.1	.2	.2	.0	.0	.1	.0	.0	-.1	-.1	-.1	.0	-.1	-.1	-.2	-.2	-.3	23	.2
24	BF	-.2	-.3	-.4	-.3	-.4	-.4	-.1	.0	-.1	-.1	-.2	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.2	23	0.0
25	BF	-.2	-.3	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.3	23	-.2
26	BF	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.4	-.5	-.4	-.5	-.4	23	-.3
27	BF	-.3	-.4	-.5	-.5	-.5	-.4	-.4	-.4	-.5	-.6	-.5	-.5	-.4	-.4	-.4	-.4	-.4	-.6	-.5	-.6	-.5	-.6	-.6	23	-.3
28	BF	-.4	-.5	-.6	-.5	-.5	-.6	-.4	-.5	-.5	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.4	-.4	-.5	-.4	-.5	-.5	23	-.4
29	BF	-.3	-.4	-.5	-.5	-.5	-.4	-.3	-.3	-.2	-.3	-.3	-.4	-.4	-.4	-.5	-.3	-.4	-.4	-.4	-.4	-.3	-.4	-.4	23	-.2
30	BF	-.3	-.3	-.5	-.5	-.4	-.5	-.4	-.4	-.4	-.5	-.4	-.6	-.5	-.5	-.5	-.5	-.5	-.4	-.6	-.5	-.5	-.4	-.4	23	-.3
31	BF	-.2	-.4	-.5	-.4	-.4	-.3	-.3	-.4	-.4	-.2	-.3	-.4	-.4	-.4	-.3	-.3	-.4	-.4	-.5	-.5	-.4	-.4	-.3	23	-.2
NO.:		31	31	31	31	30	29	28	28	29	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		0.0	.1	.1	.2	.3	.1	.2	5.0	7.9	8.1	3.3	1.4	.6	.2	.4	.3	.7	0.0	0.0	0.0	.1	.7	.2		
AVG:		-.26	-.33	-.36	-.33	-.33	-.28	-.19	-.01	.06	.05	-.11	-.22	-.25	-.27	-.28	-.27	-.27	-.27	-.30	-.30	-.29	-.29	-.30		

MONTHLY OBSERVATIONS: 702 MONTHLY MEAN: -.24 MONTHLY MAX: 8.1

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: 36.0329550009
LONGITUDE: -78.904037
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 118
PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2015

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	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.5	-.4	23	-.2
2	BF	-.3	-.4	-.3	-.5	-.4	-.3	-.3	.0	-.3	-.3	-.3	-.5	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.3	-.3	23	0.0
3	BF	-.2	-.2	-.3	-.3	-.4	-.3	-.2	-.2	-.4	-.2	-.2	-.3	-.3	-.4	-.4	-.4	-.3	-.3	-.4	-.4	-.3	-.3	-.5	23	-.2
4	BF	-.2	-.4	-.4	-.3	-.4	-.3	-.2	-.4	-.2	-.3	-.4	-.4	-.3	-.3	-.3	-.4	-.4	-.3	-.3	-.4	-.4	-.4	-.4	23	-.2
5	BF	-.3	-.3	-.4	-.4	-.3	-.3	-.3	-.2	.0	.0	-.2	.8	1.3	1.5	.9	.2	-.2	-.4	-.3	-.4	-.4	-.4	-.3	23	1.5
6	BF	-.1	-.3	-.2	-.3	-.3	-.4	-.3	-.3	-.1	.0	.4	-.1	.0	-.1	-.3	-.3	-.3	-.3	-.2	-.2	-.3	-.3	-.3	23	.4
7	BF	-.1	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.3	23	-.1
8	BF	-.3	-.3	-.4	-.3	-.3	-.3	-.2	-.1	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.1	-.2	23	-.1
9	BF	-.3	-.4	-.4	-.4	-.5	-.4	-.5	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.1	-.2	-.3	-.3	-.5	-.5	-.4	23	-.1
10	BF	-.3	-.5	-.5	-.4	-.5	-.4	-.4	-.3	BL	BL	-.1	-.3	-.2	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.5	-.4	21	-.1
11	BF	-.3	-.4	-.5	-.5	-.5	-.3	-.3	-.2	-.2	-.3	-.4	-.5	-.5	-.5	-.6	-.4	-.5	-.4	-.5	-.4	-.4	-.4	-.5	23	-.2
12	BF	-.2	-.3	-.4	-.5	-.4	-.3	-.4	-.3	-.5	-.4	-.4	-.5	-.5	-.5	-.5	-.4	-.4	-.4	-.3	-.5	-.4	-.5	-.4	23	-.2
13	BF	-.2	-.3	-.3	-.3	-.3	-.2	-.2	-.3	-.5	-.4	-.4	-.5	-.4	-.4	-.5	-.4	-.5	-.4	-.4	-.5	.4	.0	-.2	23	.4
14	BF	-.4	-.6	-.6	-.5	-.5	-.4	-.3	-.2	.2	.0	.0	.0	2.4	2.1	.3	-.2	-.3	-.3	.0	.7	.3	.0	-.1	23	2.4
15	BF	-.1	-.3	-.5	-.4	-.4	-.3	.1	.0	-.1	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.3	-.3	-.3	-.3	-.4	-.4	23	.1
16	BF	-.3	-.5	-.4	-.4	-.3	-.4	-.3	-.3	-.3	-.4	-.3	-.4	-.4	-.1	.0	-.1	-.3	-.4	-.4	-.3	.9	5.1	2.8	23	5.1
17	BF	.1	-.1	.1	.1	.4	.1	.0	.0	BA	BF	BF	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.6	.4	-.1	20	.6
18	BF	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.2	-.3	-.2	-.2	23	-.1
19	BF	-.1	-.1	AE	AE	AE	AE	AE	-.1	-.1	-.1	-.2	-.1	-.2	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	8	-.1
20	BF	1.0	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	1	1.0
21	BF	-.9	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	1	-.9
22	BF	-1.6	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	.9	.2	.3	1.1	.9	.5	.3	.1	.1	.0	11	1.1
23	BF	.2	.0	.0	.0	.0	.0	.1	.3	.4	.3	.2	.1	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	-.1	.0	23	.4
24	BF	.1	.0	.0	-.1	-.1	-.1	.1	.6	.2	.3	.7	1.6	2.1	.7	.4	.0	2.7	4.4	1.9	1.1	.4	.1	-.1	23	4.4
25	BF	.0	-.2	-.2	-.1	-.1	-.2	-.1	-.2	-.1	-.2	-.2	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.1	23	0.0
26	BF	.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.2	.3	.4	.3	.1	.0	-.1	-.2	-.2	-.1	23	.4
27	BF	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.1	-.3	-.2	-.1	-.2	-.2	23	-.1
28	BF	-.2	-.2	-.3	-.2	-.1	-.1	-.1	.0	-.1	-.1	.0	-.1	-.1	-.1	.0	.0	-.1	-.1	-.1	-.2	-.1	-.1	-.1	23	0.0
29	BF	.4	.0	.0	-.1	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	-.1	-.2	-.1	-.1	-.1	-.2	-.1	-.1	-.1	23	.4
30	BF	.0	.0	.0	.0	-.1	-.2	.0	.1	.1	.0	.0	.0	-.1	.0	-.1	.0	.0	-.1	-.1	-.1	-.1	-.2	-.2	23	.1
31																									0	
NO.:		30	27	26	26	26	26	26	27	25	25	26	27	27	27	27	27	27	27	27	27	27	27	27		
MAX:		1.0	0.0	.1	.1	.4	.1	.1	.6	.4	.3	.7	1.6	2.4	2.1	.9	.4	2.7	4.4	1.9	1.1	.9	5.1	2.8		
AVG:		-.17	-.26	-.27	-.27	-.26	-.24	-.20	-.14	-.17	-.18	-.17	-.16	-.01	-.03	-.16	-.21	-.11	-.06	-.16	-.15	-.13	-.04	-.14		

MONTHLY OBSERVATIONS: 614 MONTHLY MEAN: -.16 MONTHLY MAX: 5.1

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: 36.0329550009
LONGITUDE: -78.904037
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 118
PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2015

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	1.1	.9	1.0	.8	1.0	1.0	1.1	1.0	1.1	1.0	1.1	1.0	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	23	1.3
2	BF	1.3	.9	1.1	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.9	1.0	.9	1.0	1.2	1.0	1.0	1.0	.9	1.0	23	1.3
3	BF	1.3	1.0	1.0	.9	.9	1.0	1.0	1.0	.9	.9	.9	.9	.9	.9	.8	.8	.8	.9	.8	.8	.9	.9	.9	23	1.3
4	BF	1.2	.9	.9	.9	.8	.8	.9	.9	.9	1.0	1.0	1.0	.9	.9	.9	.8	.9	.9	.9	1.0	1.0	.9	.9	23	1.2
5	BF	1.3	.9	.9	.9	.9	.9	1.0	1.0	1.0	1.0	.9	.9	.9	.8	.9	.9	.8	.8	.9	.9	.8	.9	.8	23	1.3
6	BF	1.1	.8	.8	.9	.8	.8	.9	.8	.8	.8	.9	.9	.9	.9	.9	.8	1.0	.9	.8	.9	.9	.8	.9	23	1.1
7	BF	1.1	.9	.9	.9	.9	.9	1.1	1.0	1.1	1.2	1.1	1.1	1.0	.9	.9	.9	.9	.9	.9	.9	.8	.8	.9	23	1.2
8	BF	1.1	1.0	.9	.9	.9	1.0	.9	1.0	.9	.9	.9	1.0	.9	.9	.9	.8	.8	.8	.8	.9	.9	.9	.9	23	1.1
9	BF	1.4	1.0	1.0	.9	.9	.9	1.0	1.1	1.1	1.0	1.1	1.0	.9	.9	.9	1.0	1.0	1.1	1.1	.9	1.0	.9	.9	23	1.4
10	BF	1.2	1.1	1.0	.9	.9	.9	1.0	1.0	.9	.9	1.0	1.0	1.0	1.2	1.1	1.0	1.0	1.0	.9	.9	.9	.8	.9	23	1.2
11	BF	1.1	.9	.9	.9	.9	.9	1.5	2.4	1.7	1.2	1.1	1.0	1.0	1.5	3.3	2.4	1.2	1.1	1.0	1.0	1.0	1.0	1.1	23	3.3
12	BF	1.3	.9	.9	.8	.9	.8	1.0	1.0	.9	.9	1.0	1.0	.9	.9	.9	.9	1.0	1.0	.9	.8	.8	.8	1.0	23	1.3
13	BF	1.2	.9	.9	.8	.8	.8	.8	.8	.8	.7	.8	.8	.8	.8	.7	.9	.8	.8	.8	.8	.7	.7	.8	23	1.2
14	BF	1.1	.8	.8	.8	.8	.8	.9	.9	1.0	.9	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	1.0	.9	23	1.1
15	BF	1.1	.9	.9	.9	.9	1.0	1.0	.9	BA	BA	BA	BA	.9	.8	.8	.7	.8	.8	.8	.9	.8	.8	.9	19	1.1
16	BF	1.2	1.1	.9	.9	1.0	1.0	.9	.9	1.0	1.3	1.4	1.4	1.5	1.4	1.3	1.3	1.5	1.5	1.4	1.2	.9	.8	.8	23	1.5
17	BF	1.1	1.1	1.1	1.0	.9	.8	.9	.9	.9	.9	.8	.8	.8	.8	.8	.8	.9	.9	.8	.8	.8	.9	.8	23	1.1
18	BF	1.2	.9	.8	.9	.9	.9	.9	.9	.8	.9	.9	.8	.8	.8	.8	.9	.8	.8	.7	.8	.8	.8	.8	23	1.2
19	BF	2.0	1.0	.9	1.0	.9	1.0	.8	.9	.8	.8	.8	.9	.8	.8	.8	.7	.8	.8	.9	.8	.8	.8	.8	23	2.0
20	BF	2.6	1.2	1.1	1.0	1.1	1.0	.9	.8	.9	BK	1.6	1.2	1.2	1.3	1.3	1.4	1.3	1.2	1.2	1.1	1.1	1.1	1.1	22	2.6
21	BF	1.5	1.3	1.3	1.2	1.1	1.1	1.1	1.0	1.1	1.0	1.2	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.1	23	1.5
22	BF	1.4	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.3	1.4	1.4	1.8	1.7	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	23	1.8
23	BF	1.5	1.4	1.3	1.4	1.3	1.2	1.2	1.1	1.2	1.1	1.1	1.2	1.2	1.1	1.1	1.2	1.1	1.2	1.1	1.1	1.2	1.1	1.1	23	1.5
24	BF	1.4	1.2	1.1	1.1	1.0	1.1	1.1	1.1	1.3	1.4	1.3	1.4	1.4	1.5	1.4	1.4	1.3	1.4	1.4	1.3	1.2	1.2	1.2	23	1.5
25	BF	1.7	1.4	1.3	1.2	1.2	1.2	1.2	1.3	1.5	1.5	1.4	1.4	1.5	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	23	1.7
26	BF	1.6	1.3	1.3	1.2	1.2	1.2	1.2	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.2	1.2	1.3	1.3	1.4	1.2	1.2	23	1.6
27	BF	1.4	1.3	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.2	1.2	1.1	1.1	1.1	1.2	1.1	1.2	1.1	1.1	1.1	1.1	1.2	1.1	23	1.4
28	BF	1.5	1.2	1.2	1.2	1.1	1.3	1.2	1.1	1.2	1.1	1.1	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.1	1.1	1.2	1.1	23	1.5
29	BF	1.4	1.1	1.2	1.1	1.2	1.3	1.2	1.2	1.1	1.1	1.0	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.3	1.2	1.2	1.2	1.2	23	1.4
30	BF	1.3	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.3	1.2	1.2	1.1	1.2	1.2	1.1	1.1	1.1	1.2	1.1	1.2	1.1	1.1	1.2	23	1.3
31	BF	1.8	1.3	1.5	1.6	2.0	2.3	2.6	2.5	1.9	1.8	1.8	1.8	1.7	1.6	1.7	2.7	3.0	3.0	2.1	1.9	1.6	1.5	1.5	23	3.0
NO.:		31	31	31	31	31	31	31	31	30	29	30	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:		2.6	1.4	1.5	1.6	2.0	2.3	2.6	2.5	1.9	1.8	1.8	1.8	1.8	1.7	3.3	2.7	3.0	3.0	2.1	1.9	1.6	1.5	1.5		
AVG:		1.38	1.07	1.04	1.02	1.02	1.05	1.08	1.10	1.08	1.08	1.10	1.09	1.08	1.08	1.12	1.11	1.10	1.10	1.05	1.03	1.00	.99	1.00		

MONTHLY OBSERVATIONS: 708 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: 37-063-0015 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: 36.0329550009
LONGITUDE: -78.904037
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 118
PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2015

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	1.4	1.3	1.3	1.3	1.3	1.5	1.5	2.1	1.9	1.7	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.3	1.3	1.3	1.3	23	2.1
2	BF	1.9	1.8	1.7	1.5	1.4	1.5	1.6	1.5	1.3	1.5	1.6	1.6	1.7	1.5	1.5	1.5	1.5	1.5	2.1	2.1	2.1	1.9	1.6	23	2.1
3	BF	1.7	1.5	1.4	1.2	1.3	1.3	1.3	1.3	1.1	1.2	1.3	1.3	1.4	1.4	1.2	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.3	23	1.7
4	BF	1.4	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.1	1.3	1.3	1.2	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.1	23	1.4
5	BF	1.3	1.3	1.3	1.2	1.4	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.6	1.5	1.3	1.4	1.3	1.4	1.3	1.3	1.4	23	1.6
6	BF	1.5	1.3	1.4	1.3	1.3	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.3	1.3	1.2	1.2	1.2	1.2	1.1	1.1	1.2	1.2	1.1	23	1.5
7	BF	1.4	1.3	1.2	1.2	1.2	1.3	1.4	1.5	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.5	1.4	1.6	1.5	1.3	1.2	1.3	1.3	23	1.6
8	BF	1.6	1.4	1.3	1.4	1.4	1.3	1.3	1.4	1.6	1.5	1.5	1.5	1.5	1.4	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.3	23	1.6
9	BF	1.6	1.4	1.4	1.3	1.4	1.3	1.4	1.4	1.3	1.3	1.2	1.3	1.3	1.3	1.3	1.4	1.3	1.3	1.4	1.3	1.3	1.4	1.3	23	1.6
10	BF	1.7	1.4	1.4	1.3	1.4	1.3	1.4	1.4	1.3	1.4	1.3	1.3	1.3	1.2	1.3	1.3	1.2	1.3	1.4	1.4	1.3	1.2	1.3	23	1.7
11	BF	1.7	1.4	1.4	1.5	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.2	1.2	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.2	1.3	23	1.7
12	BF	1.7	1.3	1.3	1.3	1.5	1.4	1.6	2.4	2.6	2.5	2.3	2.2	3.2	3.0	2.6	2.7	3.1	3.3	2.4	2.1	1.9	1.6	1.5	23	3.3
13	BF	1.8	1.5	1.4	1.4	1.5	1.4	1.9	2.6	1.9	1.8	1.7	1.7	1.5	1.5	1.5	1.8	2.2	1.8	1.7	1.6	1.6	1.5	1.5	23	2.6
14	BF	1.7	1.5	1.4	1.4	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.6	1.6	1.4	1.5	1.4	1.5	1.5	1.5	1.4	23	1.7
15	BF	1.7	1.4	1.4	1.4	1.4	1.3	1.4	1.6	1.5	1.5	1.6	1.6	1.5	1.5	1.4	1.5	1.4	1.5	1.5	1.4	1.4	1.4	1.4	23	1.7
16	BF	1.7	1.4	1.4	1.4	1.5	1.3	1.4	1.4	1.4	1.4	1.6	1.5	1.5	1.5	1.5	1.5	1.4	1.3	1.5	1.5	1.5	1.4	1.5	23	1.7
17	BF	1.7	1.5	1.4	1.5	1.5	1.5	1.5	1.4	1.5	1.5	2.0	2.1	2.1	2.0	2.0	1.8	1.9	1.6	1.5	1.4	1.5	1.5	1.4	23	2.1
18	BF	1.6	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.3	1.4	1.3	1.3	23	1.6
19	BF	1.5	1.4	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.4	1.3	23	1.5
20	BF	1.7	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.2	1.3	1.4	23	1.7
21	BF	1.9	1.5	1.5	1.5	1.8	1.8	2.0	1.7	1.6	1.7	1.7	1.9	1.8	1.7	1.7	1.7	1.6	1.5	1.5	1.6	1.6	1.5	1.5	23	2.0
22	BF	2.1	1.7	1.6	1.6	1.6	1.6	1.8	1.7	1.7	1.9	2.1	2.1	1.8	1.8	1.9	2.3	3.1	1.8	1.8	1.8	1.7	1.7	1.6	23	3.1
23	BF	1.9	1.5	1.5	1.5	1.5	1.6	1.5	1.6	1.5	1.7	1.7	1.7	1.6	1.5	1.6	1.5	1.5	1.6	1.5	1.5	1.5	1.6	1.5	23	1.9
24	BF	1.7	1.4	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.4	1.5	1.4	23	1.7
25	BF	1.7	1.5	1.5	1.5	1.8	2.1	2.0	2.2	2.3	1.9	1.7	1.7	1.8	1.6	1.6	1.7	1.7	1.6	1.6	1.6	1.7	1.6	1.6	23	2.3
26	BF	3.7	3.5	4.2	2.3	2.7	2.1	1.7	1.8	1.8	2.0	2.0	1.9	1.8	1.9	1.9	1.9	2.0	2.0	1.8	1.9	1.8	1.8	2.0	23	4.2
27	BF	2.2	1.9	1.8	1.7	1.8	1.7	1.7	AZ	AZ	AZ	AZ	1.8	1.7	1.7	1.9	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6	19	2.2
28	BF	1.8	1.5	1.3	1.4	1.4	1.5	1.5	1.7	1.8	1.6	1.6	1.5	1.5	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	23	1.8
29	BF	1.3	1.0	1.0	1.0	1.1	.9	1.0	1.1	1.1	1.0	1.0	1.0	1.0	1.0	.9	.9	.9	1.0	1.0	1.0	1.0	1.1	1.0	23	1.3
30	BF	1.8	1.7	1.2	1.0	1.0	.9	1.0	1.1	1.1	1.2	1.1	1.1	1.0	1.2	1.1	1.0	1.0	1.0	1.1	1.0	1.0	.9	1.0	23	1.8
31	BF	1.1	1.0	.9	.9	.9	.9	.9	1.0	.9	.9	.8	.8	.8	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	23	1.1
NO.:		31	31	31	31	31	31	31	30	30	30	30	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		3.7	3.5	4.2	2.3	2.7	2.1	2.0	2.6	2.6	2.5	2.3	2.2	3.2	3.0	2.6	2.7	3.1	3.3	2.4	2.1	2.1	1.9	2.0		
AVG:		1.74	1.51	1.47	1.38	1.44	1.40	1.44	1.52	1.47	1.51	1.50	1.51	1.51	1.47	1.48	1.50	1.52	1.48	1.45	1.43	1.42	1.39	1.37		

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: 1.48 MONTHLY MAX: 4.2

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: 36.0329550009
LONGITUDE: -78.904037
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 118
PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2015

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	.9	.8	.9	1.1	1.3	.9	.9	.8	.8	.8	.9	1.0	1.1	1.1	1.0	1.0	.9	.8	.8	.9	.9	.8	23	1.3
2	BF	1.5	1.0	1.0	1.0	1.0	1.2	.9	.8	.8	.9	.9	.9	1.1	1.1	1.1	1.0	1.0	1.0	.9	1.0	.8	.7	.7	23	1.5
3	BF	1.5	1.1	.9	1.0	.9	.9	.9	.8	.9	.8	.9	1.0	1.2	1.2	1.6	1.4	.9	.9	.9	.9	.9	.9	.9	23	1.6
4	BF	1.4	1.2	1.1	1.0	.9	1.0	.8	.8	.9	.8	.9	.8	.9	.8	.9	.8	.7	.9	.9	.9	.9	.9	.9	23	1.4
5	BF	2.0	1.3	1.2	1.1	1.0	.9	.8	.9	.8	.8	.8	.8	.9	.8	.8	.9	.9	.8	.8	.9	1.0	1.1	1.0	23	2.0
6	BF	1.6	1.2	1.0	1.0	1.0	.9	.9	1.0	.9	1.0	.9	.9	.9	.8	.9	.9	.9	.9	.9	.9	.9	.9	.8	23	1.6
7	BF	1.1	.9	.9	.9	.9	.8	.8	.8	1.0	.9	.9	.9	.9	1.0	.9	.9	.9	.9	.9	1.0	.9	.9	1.0	23	1.1
8	BF	1.6	1.3	1.1	.9	1.0	1.0	.9	.9	1.0	.9	.9	.8	.8	.8	.9	.9	.9	.9	.9	.9	.9	.9	.8	.9	23	1.6
9	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	
10	AS	AS	AS	AS	AS	AS	AS	AS	BA	BC	BC	BC	BC	BC	1.6 3	.5 3	.2 3	-.3 3	-.2 3	-.4 3	-.4 3	-.4 3	-.4 3	-.4 3	10	1.6
11	BF	.7 3	.3 3	.1 3	.0 3	.1 3	.0 3	-.2 3	-.2 3	.1 3	.2 3	.0 3	.1 3	.1 3	.0 3	.1 3	.0 3	.0 3	.2 3	.1 3	.1 3	.0 3	.0 3	.0 3	23	.7
12	BF	.6 3	.1 3	.1 3	.1 3	.1 3	.1 3	.1 3	.1 3	.2 3	.2 3	.1 3	.1 3	.2 3	.1 3	.1 3	.2 3	.1 3	.2 3	.2 3	.3 3	.3 3	.2 3	.2 3	23	.6
13	BF	.9 3	.2 3	-.1 3	-1.6 3	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	4	.9
14	BF	BR	BR	BR	BR	BR	BR	BR	BR	-2.0 3	-1.9 3	-1.9 3	-2.0 3	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	4	-1.9
15	BF	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	-1.4 3	-2.0 3	-2.0 3	-2.0 3	-1.8 3	-1.8 3	-2.0 3	BR	BR	BR	BR	BR	BR	7	-1.4
16	BF	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	0	
17	BF	BR	BR	BR	BR	BR	BR	BR	BR	BA	BC	BC	.0 3	.0 3	.0 3	.0 3	-.1 3	-.1 3	.0 3	.0 3	-.1 3	-.1 3	.0 3	.0 3	12	0.0
18	BF	.0 3	-.2 3	-.2 3	-.1 3	-.1 3	-.2 3	-.1 3	-.1 3	-.1 3	-.1 3	-.1 3	-.1 3	-.1 3	-.1 3	-.2 3	-.2 3	-.2 3	-.2 3	-.2 3	-.1 3	.0 3	-.1 3	-.2 3	23	0.0
19	BF	.0 3	-.1 3	-.2 3	-.3 3	-.2 3	-.3 3	-.2 3	-.2 3	-.3 3	-.3 3	-.3 3	-.3 3	-.3 3	-.2 3	-.3 3	-.2 3	-.2 3	-.3 3	-.2 3	-.3 3	-.1 3	-.2 3	-.2 3	23	0.0
20	BF	.1 3	-.2 3	-.2 3	-.3 3	-.2 3	-.2 3	-.2 3	.1 3	.3 3	.0 3	.0 3	.0 3	-.1 3	.0 3	.0 3	.0 3	-.1 3	-.1 3	-.1 3	-.2 3	-.1 3	-.2 3	-.1 3	23	.3
21	BF	.1 3	.0 3	.0 3	-.1 3	.0 3	-.1 3	-.1 3	-.2 3	-.1 3	-.2 3	-.2 3	-.1 3	.0 3	.1 3	.7 3	1.2 3	.5 3	.2 3	-.1 3	-.2 3	-.1 3	-.1 3	-.2 3	23	1.2
22	BF	.0 3	-.2 3	-.2 3	-.3 3	-.2 3	-.2 3	-.2 3	-.2 3	-.2 3	-.3 3	-.2 3	-.2 3	-.2 3	-.1 3	-.1 3	-.2 3	-.1 3	-.2 3	.0 3	-.1 3	.0 3	-.1 3	-.1 3	23	0.0
23	BF	.2 3	.0 3	.0 3	.0 3	.0 3	.0 3	.0 3	.0 3	-.1 3	-.1 3	-.2 3	-.2 3	-.2 3	-.2 3	-.1 3	-.1 3	-.2 3	-.2 3	-.1 3	-.1 3	-.1 3	-.1 3	-.2 3	23	.2
24	BF	.1 3	.0 3	-.1 3	-.1 3	-.1 3	-.1 3	-.1 3	-.1 3	-.1 3	-.1 3	-.1 3	.0 3	-.1 3	-.1 3	-.1 3	-.1 3	-.2 3	-.1 3	-.1 3	-.1 3	-.2 3	-.2 3	-.1 3	23	.1
25	BF	.0 3	-.2 3	-.1 3	-.2 3	-.2 3	-.2 3	-.2 3	-.2 3	-.2 3	-.2 3	-.2 3	-.2 3	-.2 3	-.2 3	-.2 3	-.3 3	-.3 3	-.3 3	-.2 3	-.3 3	-.3 3	-.3 3	-.2 3	23	0.0
26	BF	.0 3	-.2 3	-.2 3	-.2 3	-.2 3	-.2 3	-.2 3	-.2 3	.0 3	-.2 3	-.2 3	-.3 3	-.2 3	-.2 3	-.1 3	-.1 3	-.3 3	-.3 3	-.2 3	-.2 3	-.3 3	-.3 3	-.3 3	23	0.0
27	BF	.0 3	-.2 3	-.2 3	-.3 3	-.2 3	-.3 3	-.2 3	-.2 3	-.2 3	-.3 3	-.2 3	-.2 3	-.3 3	-.2 3	-.3 3	-.2 3	-.3 3	-.3 3	-.2 3	-.2 3	-.2 3	-.3 3	-.3 3	23	0.0
28	BF	.0 3	-.1 3	-.2 3	-.3 3	-.2 3	-.2 3	-.2 3	-.2 3	-.2 3	-.3 3	-.3 3	-.2 3	-.3 3	-.2 3	-.2 3	-.2 3	-.2 3	-.2 3	-.2 3	-.2 3	-.2 3	-.2 3	-.2 3	23	0.0
29	BF	1.0 3	-.1 3	-.2 3	-.2 3	-.3 3	-.3 3	-.3 3	BA	BA	BA	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	7	1.0
30	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BC	BC	BC	BC	-.2	-.3	-.1	.0	-.2	-.3	-.3	-.3	-.4	-.4	10	0.0
31																									0	
NO.:		23	23	23	23	22	22	22	21	22	22	23	24	23	25	25	25	25	24	24	24	24	24	24		
MAX:		2.0	1.3	1.2	1.1	1.1	1.3	.9	1.0	1.0	1.0	.9	1.0	1.2	1.6	1.6	1.4	1.0	1.0	.9	1.0	1.0	1.1	1.0		
AVG:		.68	.35	.27	.17	.28	.26	.22	.25	.19	.15	.08	.06	.17	.23	.24	.23	.13	.22	.21	.20	.21	.18	.18		

MONTHLY OBSERVATIONS: 537 MONTHLY MEAN: .22 MONTHLY MAX: 2.0

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

(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: 36.0329550009
LONGITUDE: -78.904037
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 118
PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2015

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	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
2	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
3	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
4	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
5	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
6	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	BC	BC	.6 2	-.1 2	-.2 2	-.2 2	-.2 2	-.1 2	-.2 2	-.2 2	-.2 2	-.3 2	-.2 2	-.3 2	12	.6
7	BF	-.2 2	-.2 2	-.3 2	-.3 2	-.2 2	-.2 2	-.2 2	-.1 2	.0 2	.1 2	1.4 2	2.8 2	.7 2	.5 2	.1 2	.1 2	.0 2	-.2 2	-.2 2	-.2 2	-.3 2	-.2 2	-.3 2	23	2.8
8	BF	-.2 2	-.3 2	-.3 2	-.2 2	-.2 2	-.2 2	-.2 2	-.1 2	.0 2	.0 2	.3 2	.6 2	.4 2	.3 2	.1 2	.0 2	-.1 2	-.3 2	-.2 2	-.3 2	-.2 2	-.3 2	-.3 2	23	.6
9	BF	-.1 2	-.4 2	-.3 2	-.4 2	-.3 2	-.3 2	-.3 2	.0 2	.0 2	.0 2	.0 2	-.2 2	-.2 2	-.2 2	-.2 2	-.2 2	-.2 2	-.2 2	-.2 2	-.3 2	-.2 2	-.4 2	-.3 2	23	0.0
10	BF	-.3 2	-.3 2	-.3 2	-.2 2	-.3 2	-.3 2	-.3 2	-.2 2	-.2 2	-.2 2	-.2 2	-.3 2	-.3 2	-.3 2	-.3 2	-.2 2	-.3 2	-.3 2	-.4 2	-.4 2	-.5 2	-.4 2	-.5 2	23	-.2
11	BF	-.4 2	-.3 2	-.4 2	-.5 2	-.3 2	-.5 2	-.4 2	-.4 2	-.5 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	-.3 2	-.2 2	-.3 2	-.3 2	-.5 2	-.4 2	-.4 2	-.5 2	-.5 2	23	-.2
12	BF	-.4 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.4 2	-.3 2	-.3 2	-.4 2	-.3 2	.3 2	.1 2	.0 2	-.3 2	-.4 2	-.4 2	-.4 2	-.4 2	-.5 2	-.5 2	-.5 2	-.5 2	23	.3
13	BF	-.4 2	-.5 2	-.6 2	-.5 2	-.5 2	-.5 2	-.4 2	-.4 2	-.5 2	-.3 2	-.3 2	-.3 2	-.3 2	-.4 2	-.3 2	-.2 2	-.3 2	-.4 2	-.4 2	-.4 2	-.5 2	-.5 2	-.5 2	23	-.2
14	BF	-.4 2	-.6 2	-.5 2	-.6 2	-.4 2	-.5 2	-.5 2	-.4 2	-.5 2	-.4 2	-.4 2	-.3 2	-.3 2	-.3 2	-.2 2	-.3 2	-.3 2	-.4 2	-.3 2	-.4 2	-.5 2	-.4 2	-.4 2	23	-.2
15	BF	-.4 2	-.5 2	-.6 2	-.5 2	-.5 2	-.5 2	-.5 2	-.2 2	-.2 2	-.2 2	-.2 2	-.2 2	.0 2	-.3 2	-.3 2	-.2 2	-.3 2	-.3 2	-.3 2	-.4 2	-.3 2	-.3 2	-.4 2	23	0.0
16	BF	-.5 2	-.5 2	-.5 2	-.5 2	-.4 2	-.2 2	.0 2	1.8 2	9.7 2	.5 2	.0 2	.0 2	-.1 2	.0 2	.0 2	-.1 2	-.3 2	-.3 2	-.4 2	-.3 2	-.3 2	-.4 2	-.5 2	23	9.7
17	BF	-.4 2	-.4 2	-.5 2	-.5 2	-.5 2	-.5 2	-.4 2	-.3 2	.0 2	.1 2	.0 2	.0 2	-.1 2	-.1 2	-.2 2	-.2 2	-.2 2	-.3 2	-.3 2	-.4 2	-.4 2	-.4 2	-.4 2	23	.1
18	BF	-.5 2	-.5 2	-.6 2	-.5 2	-.5 2	-.4 2	-.2 2	.2 2	-.1 2	-.3 2	-.4 2	.2 2	.0 2	-.1 2	-.3 2	-.4 2	.0 2	-.2 2	-.3 2	-.4 2	-.5 2	-.4 2	-.5 2	23	.2
19	BF	-.4 2	-.5 2	-.5 2	-.4 2	-.4 2	-.3 2	-.3 2	-.3 2	-.2 2	AE	-.1 2	-.1 2	.0 2	-.1 2	-.1 2	AE	-.1 2	AE	-.1 2	-.2 2	.0 2	-.1 2	-.1 2	20	0.0
20	BF	-.1 2	-.1 2	-.1 2	-.1 2	.0 2	.0 2	.1 2	.0 2	.2 2	.2 2	.1 2	.2 2	.2 2	.1 2	.1 2	.1 2	.1 2	.0 2	.1 2	.0 2	.0 2	.0 2	.0 2	23	.2
21	BF	.0 2	.0 2	-.1 2	.0 2	.0 2	.1 2	.1 2	.3 2	.2 2	.2 2	.4 2	.5 2	.3 2	.4 2	.5 2	.3 2	.3 2	.3 2	.1 2	.2 2	.1 2	.2 2	.1 2	23	.5
22	BF	.2 2	.1 2	.1 2	.2 2	.2 2	.3 2	.3 2	.4 2	.4 2	.4 2	.4 2	.4 2	.4 2	.3 2	.3 2	.2 2	.2 2	.2 2	.3 2	.3 2	.3 2	.3 2	.3 2	23	.4
23	BF	.2 2	.3 2	.2 2	.2 2	.2 2	.3 2	.3 2	.8 2	1.3 2	.9 2	1.0 2	.9 2	1.0 2	.9 2	AE	.8 2	AE	AE	.4 2	.3 2	.3 2	.2 2	.3 2	20	1.3
24	BF	.3 2	.3 2	.3 2	.2 2	.2 2	.2 2	.3 2	.5 2	.3 2	.3 2	.3 2	.3 2	.4 2	.3 2	.3 2	.3 2	AE	.3 2	.4 2	.2 2	.3 2	.3 2	.2 2	22	.5
25	BF	.3 2	.2 2	.2 2	.2 2	.1 2	.2 2	.4 2	.6 2	.4 2	.4 2	.4 2	.4 2	.4 2	.5 2	.4 2	.4 2	.3 2	AE	AE	.6 2	.5 2	.5 2	.4 2	21	.6
26	BF	.6 2	1.0 2	.8 2	.8 2	.5 2	.5 2	.4 2	.4 2	.4 2	.4 2	.4 2	.4 2	.4 2	.5 2	.4 2	.5 2	.5 2	.8 2	.5 2	.4 2	.5 2	.4 2	.4 2	23	1.0
27	BF	.4 2	.4 2	.2 2	.1 2	.1 2	.2 2	.2 2	.2 2	.2 2	.2 2	.2 2	.2 2	.3 2	.2 2	.2 2	.2 2	.2 2	.2 2	.2 2	.2 2	.1 2	.2 2	.1 2	23	.4
28	BF	.2 2	.2 2	.1 2	.2 2	.2 2	.2 2	.2 2	.2 2	.2 2	.2 2	.2 2	.2 2	AE	.2 2	.3 2	.3 2	AE	AE	AE	AE	AE	AE	AE	15	.3
29	BF	.3 2	.3 2	.3 2	AE	AE	.3 2	.3 2	.4 2	.4 2	.4 2	.4 2	.3 2	.3 2	.4 2	.4 2	.4 2	.3 2	.4 2	.3 2	.2 2	.2 2	.3 2	.4 2	21	.4
30	BF	.3 2	.2 2	.3 2	.1 2	.3 2	.3 2	.3 2	.7 2	.8 2	.9 2	.8 2	.7 2	.6 2	.6 2	.6 2	.6 2	.6 2	.5 2	.3 2	.3 2	.2 2	.3 2	.3 2	23	.9
31	BF	.2 2	.2 2	.3 2	.2 2	.2 2	.2 2	.3 2	.9 2	.9 2	.7 2	.6 2	.6 2	.7 2	.7 2	.6 2	.5 2	.4 2	.4 2	.3 2	.3 2	.3 2	.3 2	.3 2	23	.9
NO.:		25	25	25	24	24	25	25	25	25	24	25	26	25	26	25	25	23	22	24	25	25	25	25		
MAX:		.6	1.0	.8	.8	.5	.5	.4	1.8	9.7	.9	1.4	2.8	1.0	.9	.6	.8	.6	.8	.5	.6	.5	.5	.4		
AVG:		-.07	-.10	-.13	-.15	-.13	-.08	-.04	.19	.52	.15	.18	.30	.18	.13	.06	.08	0.00	-.03	-.05	-.07	-.08	-.08	-.11		

MONTHLY OBSERVATIONS: 568 MONTHLY MEAN: .03 MONTHLY MAX: 9.7

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: 36.0329550009
LONGITUDE: -78.904037
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 118
PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2015

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 2	.3 2	.3 2	.3 2	.3 2	.3 2	.3 2	.3 2	.4 2	.4 2	.3 2	.3 2	.4 2	.4 2	.3 2	.3 2	.3 2	.3 2	.2 2	.3 2	.3 2	.3 2	.3 2	23	.4
2	BF	.4 2	.3 2	.3 2	.3 2	.3 2	.3 2	.4 2	.3 2	.4 2	.3 2	.3 2	.3 2	.3 2	.4 2	.5 2	.4 2	.4 2	.3 2	.3 2	.3 2	.2 2	.4 2	.4 2	23	.5
3	BF	.4 2	.4 2	.3 2	.4 2	.3 2	.4 2	.4 2	.4 2	.4 2	.5 2	.4 2	.5 2	.4 2	.4 2	.4 2	.5 2	.4 2	.4 2	.5 2	.6 2	.5 2	.4 2	.4 2	23	.6
4	BF	.6 2	.6 2	.5 2	.4 2	.5 2	.6 2	.6 2	.6 2	.7 2	.7 2	.6 2	.6 2	.5 2	.7 2	.6 2	.5 2	.5 2	.5 2	.5 2	.5 2	.4 2	.4 2	.4 2	23	.7
5	BF	.4 2	.4 2	.4 2	.4 2	.4 2	.4 2	.4 2	.4 2	.3 2	.4 2	.5 2	.4 2	.5 2	.4 2	.5 2	.4 2	.5 2	.4 2	.5 2	.4 2	.4 2	.4 2	.4 2	23	.5
6	BF	.6 2	.4 2	.4 2	.4 2	.4 2	.4 2	.5 2	.6 2	.5 2	.5 2	.6 2	.6 2	.5 2	.5 2	.6 2	.5 2	.5 2	.5 2	.5 2	.5 2	.4 2	.5 2	.6 2	23	.6
7	BF	.6 2	.6 2	.6 2	.5 2	.4 2	.5 2	.5 2	.5 2	.5 2	.5 2	.6 2	.5 2	.5 2	.5 2	.5 2	.5 2	.6 2	.5 2	.5 2	.5 2	.7 2	1.0 2	1.4 2	23	1.4
8	BF	1.1 2	1.0 2	.8 2	.7 2	.6 2	.6 2	.8 2	.6 2	.6 2	.9 2	.9 2	1.0 2	1.0 2	1.2 2	1.3 2	1.0 2	.7 2	.6 2	.5 2	.8 2	.7 2	.7 2	.6 2	23	1.3
9	BF	.5 2	.5 2	.4 2	.4 2	.4 2	.4 2	.3 2	.3 2	.4 2	.3 2	.3 2	.3 2	.3 2	.3 2	.4 2	.3 2	.3 2	.4 2	.3 2	.3 2	.3 2	.3 2	.3 2	23	.5
10	BF	.3 2	.4 2	.3 2	.3 2	.4 2	.4 2	.5 2	.4 2	.4 2	.6 2	.5 2	.4 2	.4 2	.4 2	.4 2	.5 2	.6 2	.5 2	.6 2	.5 2	.5 2	.4 2	.4 2	23	.6
11	BF	.6 2	.4 2	.4 2	.4 2	.3 2	.4 2	.4 2	.4 2	.5 2	.4 2	.4 2	.5 2	.5 2	.5 2	.5 2	.4 2	.4 2	.6 2	.6 2	.6 2	.6 2	.6 2	.6 2	23	.6
12	BF	.6 2	.5 2	.5 2	.5 2	.4 2	.5 2	.4 2	.4 2	.5 2	.6 2	.5 2	.4 2	.4 2	.5 2	.5 2	.4 2	.4 2	.4 2	.5 2	.5 2	.5 2	.5 2	.4 2	23	.6
13	BF	.5 2	.4 2	.5 2	.7 2	.7 2	.6 2	.5 2	.6 2	.8 2	.7 2	.5 2	.5 2	.4 2	.5 2	.4 2	.4 2	.4 2	.5 2	.7 2	.5 2	.5 2	.6 2	.4 2	23	.8
14	BF	.4 2	.4 2	.4 2	.3 2	.3 2	.3 2	.4 2	.6 2	.8 2	.8 2	.7 2	.6 2	.7 2	.6 2	.6 2	.6 2	.7 2	.6 2	.5 2	.4 2	.3 2	.3 2	.4 2	23	.8
15	BF	.4 2	.3 2	.2 2	.3 2	.2 2	.3 2	.2 2	.3 2	1.4 2	1.7 2	1.7 2	1.6 2	1.2 2	1.1 2	1.2 2	.9 2	.7 2	.7 2	.5 2	.5 2	.4 2	.4 2	.4 2	23	1.7
16	BF	.5 2	.5 2	.3 2	.2 2	.3 2	.5 2	.5 2	.5 2	.8 2	.9 2	.7 2	.9 2	.9 2	.7 2	.7 2	.6 2	.5 2	.6 2	.5 2	.4 2	.4 2	.3 2	.3 2	23	.9
17	BF	.4 2	.2 2	.2 2	.2 2	.3 2	.3 2	.3 2	.4 2	.7 2	.7 2	.7 2	.7 2	.7 2	.6 2	.6 2	.4 2	.6 2	.8 2	.7 2	.5 2	.5 2	.5 2	.4 2	23	.8
18	BF	.4 2	.2 2	.2 2	.2 2	.2 2	.3 2	.3 2	.3 2	.3 2	.3 2	.3 2	.4 2	.5 2	.5 2	.5 2	.4 2	.3 2	.3 2	.3 2	.4 2	.3 2	.3 2	.3 2	23	.5
19	BF	.4 2	.4 2	.4 2	.4 2	.4 2	.4 2	.4 2	.3 2	.4 2	.4 2	.4 2	.4 2	.4 2	.4 2	.4 2	.5 2	.5 2	.6 2	.6 2	.8 2	.5 2	.5 2	.5 2	23	.8
20	BF	.6 2	.5 2	.4 2	.4 2	.5 2	.4 2	.4 2	.6 2	.8 2	.7 2	1.0 2	1.2 2	1.1 2	1.1 2	1.0 2	.8 2	.9 2	.7 2	.6 2	.6 2	.5 2	.6 2	.3 2	23	1.2
21	BF	.5 2	.4 2	.4 2	.3 2	.3 2	.3 2	.3 2	.6 2	1.2 2	1.5 2	1.4 2	1.4 2	1.2 2	1.2 2	1.1 2	1.1 2	.6 2	.6 2	.6 2	.6 2	.6 2	.5 2	.5 2	23	1.5
22	BF	.5 2	.4 2	.4 2	.4 2	.3 2	.5 2	.9 2	.6 2	.4 2	1.1 2	.7 2	.5 2	.7 2	1.0 2	.7 2	.7 2	.6 2	.6 2	.7 2	.6 2	.5 2	.5 2	.4 2	23	1.1
23	BF	.4 2	.4 2	.4 2	.6 2	1.9 2	1.9 2	1.4 2	1.2 2	1.1 2	.8 2	.6 2	.7 2	.6 2	.4 2	.4 2	.4 2	.3 2	.4 2	.6 2	.6 2	.6 2	.5 2	.5 2	23	1.9
24	BF	.5 2	.4 2	.3 2	.3 2	.2 2	.2 2	.2 2	.5 2	.8 2	.7 2	.7 2	.5 2	.4 2	.5 2	.5 2	.5 2	.4 2	.5 2	.6 2	.6 2	.5 2	.4 2	.3 2	23	.8
25	BF	.4 2	.3 2	.3 2	.2 2	.3 2	.3 2	.3 2	.4 2	.5 2	.5 2	.5 2	.6 2	.4 2	.5 2	.4 2	.5 2	.4 2	.6 2	.5 2	.5 2	.4 2	.5 2	.3 2	23	.6
26	BF	.3 2	.4 2	.3 2	.3 2	.4 2	.3 2	.4 2	.4 2	.5 2	.5 2	.4 2	.4 2	.4 2	.3 2	.4 2	.4 2	.5 2	.5 2	.4 2	.5 2	.4 2	.4 2	.4 2	23	.5
27	BF	.4 2	.3 2	.4 2	.3 2	.4 2	.5 2	.5 2	.4 2	.4 2	.5 2	.4 2	.4 2	.3 2	.4 2	.4 2	.3 2	.5 2	.4 2	.4 2	.5 2	.5 2	.4 2	.4 2	23	.5
28	BF	.5 2	.4 2	.4 2	.4 2	.4 2	.4 2	.6 2	.5 2	.5 2	.6 2	.6 2	.6 2	.6 2	.5 2	.5 2	.5 2	.5 2	.5 2	.6 2	.6 2	.5 2	.6 2	.6 2	23	.6
29	BF	.5 2	.5 2	.5 2	.5 2	.5 2	.4 2	.4 2	.5 2	.6 2	.7 2	1.0 2	.7 2	.8 2	.7 2	.7 2	.6 2	.6 2	.6 2	.5 2	.5 2	.5 2	.4 2	.4 2	23	1.0
30	BF	.6 2	.5 2	.5 2	.5 2	.3 2	.5 2	.5 2	.4 2	.4 2	.4 2	.5 2	.4 2	.4 2	.4 2	.4 2	.4 2	.5 2	.4 2	.3 2	.4 2	.3 2	.4 2	.3 2	23	.6
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:		1.1	1.0	.8	.7	1.9	1.9	1.4	1.2	1.4	1.7	1.7	1.6	1.2	1.2	1.3	1.1	.9	.8	.7	.8	.7	1.0	1.4		
AVG:		.49	.42	.39	.38	.42	.45	.47	.48	.60	.65	.62	.61	.58	.59	.58	.52	.50	.51	.50	.51	.46	.47	.44		

MONTHLY OBSERVATIONS: 690 MONTHLY MEAN: .51 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: 36.0329550009
LONGITUDE: -78.904037
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 118
PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2015

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 2	.5 2	.6 2	.7 2	.6 2	1.0 2	1.1 2	1.4 2	1.8 2	1.4 2	1.1 2	.9 2	.7 2	.7 2	.5 2	.5 2	.5 2	.4 2	.5 2	.4 2	.4 2	.5 2	.3 2	23	1.8
2	BF	.5 2	.4 2	.4 2	.4 2	.4 2	.4 2	.5 2	.4 2	BA	BA	.4 2	.4 2	.4 2	.4 2	.4 2	.4 2	.4 2	.5 2	.5 2	.4 2	.5 2	.5 2	.5 2	21	.5
3	BF	.5 2	.5 2	.5 2	.5 2	.6 2	.5 2	.6 2	.6 2	.7 2	.7 2	.8 2	.7 2	.6 2	.7 2	.6 2	.7 2	.7 2	.6 2	.7 2	.7 2	.7 2	1.3 2	2.4 2	23	2.4
4	BF	4.1 2	3.5 2	3.1 2	2.5 2	1.3 2	1.4 2	1.0 2	4.3 2	3.2 2	.9 2	.7 2	.7 2	.6 2	.7 2	.7 2	.7 2	.8 2	.8 2	.8 2	.8 2	.8 2	.7 2	.6 2	23	4.3
5	BF	.5 2	.4 2	.3 2	.4 2	.4 2	.4 2	.5 2	.5 2	1.0 2	1.0 2	1.3 2	1.7 2	1.7 2	1.8 2	1.7 2	1.4 2	1.2 2	.7 2	.7 2	.7 2	.6 2	.5 2	.5 2	23	1.8
6	BF	.4 2	.3 2	.4 2	.2 2	.3 2	.3 2	.4 2	.3 2	.6 2	1.6 2	1.7 2	1.0 2	1.0 2	1.1 2	1.1 2	.8 2	.6 2	.6 2	.6 2	.5 2	.5 2	.5 2	.5 2	23	1.7
7	BF	.6 2	.4 2	.4 2	.3 2	.4 2	.4 2	.5 2	.7 2	.9 2	1.0 2	.9 2	.9 2	.8 2	.7 2	.7 2	.6 2	.6 2	.6 2	.5 2	.5 2	.5 2	.6 2	.5 2	23	1.0
8	BF	.4 2	.4 2	.4 2	.3 2	.5 2	.4 2	.6 2	.5 2	.7 2	BA	BA	.6 2	.7 2	.7 2	.8 2	.5 2	.4 2	.4 2	.4 2	.3 2	.4 2	.4 2	.4 2	21	.8
9	BF	.3 2	.3 2	.3 2	.3 2	.3 2	.3 2	.3 2	.3 2	.6 2	1.0 2	.7 2	.6 2	.7 2	.7 2	.6 2	.6 2	.4 2	.5 2	.6 2	.6 2	.5 2	.5 2	.4 2	23	1.0
10	BF	.5 2	.5 2	.5 2	.4 2	.5 2	.6 2	.5 2	.6 2	.6 2	1.8 2	2.0 2	.7 2	.6 2	.6 2	.6 2	.6 2	.6 2	.5 2	.6 2	.6 2	.6 2	.6 2	.5 2	23	2.0
11	BF	.5 2	.5 2	.5 2	.4 2	.4 2	.4 2	.4 2	.6 2	.7 2	.7 2	.6 2	.6 2	.6 2	.6 2	.6 2	.6 2	.7 2	.6 2	.9 2	.7 2	.7 2	.7 2	.6 2	23	.9
12	BF	.6 2	.5 2	.6 2	.4 2	.5 2	.4 2	.4 2	.5 2	.5 2	.5 2	.5 2	.5 2	.4 2	.5 2	.5 2	.6 2	.7 2	.7 2	.8 2	.8 2	.9 2	.7 2	.8 2	23	.9
13	BF	.8 2	.8 2	.6 2	.6 2	.6 2	.6 2	.6 2	.6 2	.6 2	.6 2	.6 2	.6 2	.8 2	.8 2	.8 2	.8 2	.6 2	.5 2	.7 2	.7 2	.7 2	.7 2	.6 2	23	.8
14	BF	.6 2	.5 2	.5 2	.5 2	.5 2	.5 2	.6 2	.5 2	.6 2	.6 2	.5 2	.5 2	.5 2	.6 2	.5 2	.5 2	.5 2	.5 2	.6 2	.6 2	.7 2	.6 2	.7 2	23	.7
15	BF	.5 2	.5 2	.5 2	.5 2	.6 2	.4 2	.5 2	.6 2	.7 2	.6 2	.7 2	.7 2	.7 2	.6 2	.8 2	.7 2	.8 2	.9 2	.8 2	.8 2	.8 2	.8 2	.7 2	23	.9
16	BF	.7 2	.6 2	.5 2	.6 2	.6 2	.5 2	.6 2	.8 2	.8 2	.7 2	.8 2	.8 2	.7 2	.7 2	.7 2	.8 2	.7 2	.9 2	.8 2	.7 2	.7 2	.6 2	.6 2	23	.9
17	BF	.6 2	.6 2	.6 2	.7 2	.7 2	.5 2	.6 2	.6 2	.6 2	.5 2	.5 2	.4 2	.4 2	.5 2	.4 2	.4 2	.5 2	.5 2	.5 2	.5 2	.4 2	.5 2	.4 2	23	.7
18	BF	.6 2	.4 2	.5 2	.5 2	.5 2	.5 2	.7 2	.9 2	.8 2	1.1 2	.7 2	.6 2	.6 2	.7 2	1.0 2	.5 2	.4 2	.5 2	.5 2	.5 2	.4 2	.5 2	.4 2	23	1.1
19	BF	.5 2	.4 2	.5 2	.4 2	.4 2	.4 2	.5 2	.5 2	.6 2	.6 2	.7 2	.7 2	.6 2	.5 2	.6 2	.6 2	.6 2	.5 2	.6 2	.5 2	.4 2	.5 2	.4 2	23	.7
20	BF	.4 2	.4 2	.4 2	.4 2	.4 2	.3 2	.4 2	.4 2	.6 2	1.3 2	1.3 2	.7 2	.7 2	.8 2	.7 2	.8 2	.7 2	.6 2	.6 2	.7 2	.6 2	.4 2	.5 2	23	1.3
21	BF	.5 2	.5 2	.4 2	.5 2	.4 2	.4 2	.5 2	.7 2	.7 2	.8 2	.9 2	.7 2	.6 2	.8 2	.6 2	.5 2	.5 2	.5 2	.5 2	.5 2	.5 2	.6 2	.5 2	23	.9
22	BF	.6 2	.4 2	.4 2	.3 2	.3 2	.3 2	.3 2	.4 2	.4 2	.3 2	.3 2	.4 2	.3 2	.3 2	.4 2	.4 2	.4 2	.4 2	.5 2	.4 2	.4 2	.4 2	.5 2	23	.6
23	BF	.5 2	.5 2	.4 2	.4 2	.4 2	.5 2	.5 2	.5 2	.5 2	.5 2	.6 2	.5 2	.5 2	.5 2	.5 2	.4 2	.5 2	.5 2	.5 2	.5 2	.5 2	.6 2	.5 2	23	.6
24	BF	.6 2	.5 2	.5 2	.5 2	.5 2	.5 2	.6 2	.6 2	.6 2	.6 2	.6 2	.6 2	.6 2	.7 2	.7 2	.7 2	.7 2	.7 2	.7 2	.6 2	.7 2	.8 2	.8 2	23	.8
25	BF	.8 2	.7 2	.7 2	.7 2	.6 2	.8 2	.7 2	.8 2	.8 2	.7 2	.6 2	.8 2	.7 2	.7 2	.7 2	.8 2	.7 2	.8 2	.7 2	.7 2	.7 2	.7 2	.7 2	23	.8
26	BF	.8 2	.7 2	.6 2	.7 2	.7 2	.6 2	.8 2	.7 2	.7 2	.8 2	.8 2	.8 2	.7 2	.8 2	.7 2	.8 2	.8 2	.7 2	.7 2	.8 2	.7 2	.8 2	.7 2	23	.8
27	BF	.8 2	.7 2	.7 2	.7 2	.6 2	.6 2	.8 2	.7 2	.7 2	.7 2	.7 2	.7 2	.9 2	.7 2	.6 2	.7 2	.8 2	.7 2	.7 2	.7 2	.7 2	.8 2	.7 2	23	.9
28	BF	.8 2	.8 2	.8 2	.8 2	.7 2	.7 2	.8 2	.8 2	.8 2	.7 2	.7 2	.8 2	.8 2	.8 2	.7 2	.6 2	.6 2	.6 2	.7 2	.6 2	.7 2	.6 2	.6 2	23	.8
29	BF	.7 2	.7 2	.7 2	.6 2	.6 2	.6 2	.6 2	.7 2	.6 2	.7 2	.6 2	.7 2	.6 2	.9 2	.7 2	.6 2	.7 2	.7 2	.7 2	.6 2	.8 2	.7 2	.6 2	23	.9
30	BF	.8 2	.7 2	.8 2	.7 2	.8 2	.7 2	.7 2	.8 2	.8 2	.7 2	.8 2	.8 2	.6 2	.7 2	.7 2	.7 2	.7 2	.6 2	.7 2	.7 2	.7 2	.7 2	.8 2	23	.8
31	BF	.8 2	.8 2	.7 2	.8 2	.7 2	.7 2	.7 2	.7 2	.8 2	.9 2	.9 2	.9 2	.8 2	.8 2	.8 2	.8 2	.7 2	.7 2	.7 2	.7 2	.6 2	.7 2	.8 2	23	.9
NO.:		31	31	31	31	31	31	31	31	30	29	30	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		4.1	3.5	3.1	2.5	1.3	1.4	1.1	4.3	3.2	1.8	2.0	1.7	1.7	1.8	1.7	1.4	1.2	.9	.9	.8	.9	1.3	2.4		
AVG:		.70	.63	.61	.57	.54	.54	.59	.74	.80	.83	.80	.71	.67	.71	.69	.65	.63	.60	.64	.61	.60	.63	.63		

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: .66 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: 37-067-0022 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: THERMO 43I-TLE

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: 36.110693332
LONGITUDE: -80.2264378
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 284
PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2015

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	.3	.3	.3	.1	.2	.3	.3	.2	.2	.1	.2	.1	.2	.2	.3	.3	.2	.2	.2	.2	.3	.2	24	.3
2	.2	.2	.2	.2	.2	.2	.3	.3	.5	.4	.1	.3	.1	.4	.4	.4	.4	.3	.3	.3	.2	.2	.3	.3	24	.5
3	.3	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.3
4	.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
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.2	.1	24	.2
6	.1	.1	.1	.1	.1	.2	.3	.4	1.2	1.2	.7	BF	BF	.6	.3	.2	.3	.5	.3	.2	.2	BD	BD	.1	20	1.2
7	.2	.2	.2	.3	.3	.6	1.0	.9	.9	.9	.7	.6	.2	.3	.4	.3	.3	.5	1.1	1.1	.4	.4	.4	.3	24	1.1
8	.3	.2	.2	.2	.2	.2	.3	.5	.8	.8	.7	.6	1.0	.5	.5	.4	.4	.3	.4	.4	.4	.4	.7	.6	24	1.0
9	.6	.8	.9	.8	.9	.9	.8	1.1	1.7	1.9	1.7	1.5	1.0	.8	.7	.6	.6	.6	.8	.9	.8	.9	1.1	.9	24	1.9
10	1.0	.7	.7	.6	.8	1.0	.9	.9	1.1	1.2	1.0	.8	.8	.7	.7	.6	.6	.7	.8	.9	.8	1.1	.8	.7	24	1.2
11	.7	1.0	.8	1.0	.7	.4	.4	.8	.9	1.2	1.1	1.1	1.2	1.2	1.1	.9	.7	.7	.7	.7	.7	.7	.6	.4	24	1.2
12	.3	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.2	BF	.2	.3	.3	.1	.1	.1	.1	.1	.0	23	.3
13	.0	.0	.0	.2	.4	.1	.1	.1	.3	.4	.4	.3	.3	.4	.4	.4	.2	.2	.2	.2	.2	.1	.2	.1	24	.4
14	.3	.2	.2	.2	.1	.1	.1	.2	.5	.4	.4	.4	.3	.2	.8	.7	1.6	1.8	1.2	.8	.5	.4	.5	.3	24	1.8
15	.2	.2	.3	.3	.2	.1	.2	.2	.3	.6	.3	.5	.8	.4	.7	1.0	.7	.4	.4	.4	.3	.3	.3	.2	24	1.0
16	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	24	.2
17	.1	.1	.1	.1	.1	.1	.1	.1	.3	.7	.7	.7	.6	.7	.6	.6	.5	.6	.9	.4	.3	.3	.5	.9	24	.9
18	1.1	.6	.2	.1	.1	.1	.1	.1	.1	.3	.5	.3	.2	.1	.1	.1	.0	.0	.1	.1	.1	.0	.1	.1	24	1.1
19	.1	.1	.1	.2	.2	.1	.2	.2	.5	.6	.7	.5	.5	.7	.7	.3	.2	.2	.2	.2	.2	.2	.2	.2	24	.7
20	.2	.2	.2	.2	.2	.2	.3	.4	.5	.4	.6	BF	BF	1.1	.5	1.2	.6	.4	.5	.4	.5	.5	.5	.4	22	1.2
21	.4	.8	1.6	2.9	1.5	2.1	.7	1.1	2.1	3.6	2.7	2.7	1.7	1.0	.9	.7	.6	1.0	1.5	1.6	1.0	1.0	.7	.5	24	3.6
22	.3	.2	.1	.1	.1	.1	.3	.5	.8	.3	6.6	2.8	1.2	.6	.7	1.2	.7	.7	.7	.4	.6	.7	.5	1.0	24	6.6
23	5.2	2.6	.5	.4	.5	.6	.6	.5	.5	.4	.3	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.3	.2	24	5.2
24	.1	.0	.0	.4	.3	.1	.1	.0	.0	.0	.1	.2	.6	1.0	.9	1.0	.7	.5	.5	.5	.3	.2	.2	.1	24	1.0
25	.1	.1	.1	.1	.0	.1	.0	.0	.2	.4	.3	.3	.3	.4	.3	.4	.5	.4	.3	.1	.2	.2	.5	.9	24	.9
26	1.0	.6	.3	.3	.2	.2	.2	.2	.3	.4	.6	.4	.4	.3	.2	.3	.2	.2	.4	.6	1.0	1.6	1.6	.9	24	1.6
27	.3	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.5	.7	.6	.8	.8	.9	1.1	1.6	24	1.6
28	2.1	1.2	.8	.8	.8	.8	.6	.5	.8	.8	.7	.7	.7	.7	.7	.6	.5	2.3	.9	.7	1.0	.7	.7	1.0	24	2.3
29	.9	.8	.7	.7	.6	.3	.5	.6	1.7	1.1	1.2	1.4	1.2	1.3	1.5	.8	.8	1.1	1.0	.9	1.2	1.2	1.0	.8	24	1.7
30	.7	.6	.6	.5	.3	.1	.1	.1	.2	.1	.2	.2	.2	.3	.3	.6	.4	.3	.4	.6	.8	.8	.8	.6	24	.8
31	.6	.5	.5	.4	.3	.3	.5	.5	.8	.8	.7	.6	.6	.6	.5	.5	.4	.4	.5	.6	.7	.7	.6	.5	24	.8
NO.:	31	31	31	31	31	31	31	31	31	31	31	29	29	31	30	31	31	31	31	31	31	30	30	31		
MAX:	5.2	2.6	1.6	2.9	1.5	2.1	1.0	1.1	2.1	3.6	6.6	2.8	1.7	1.3	1.5	1.2	1.6	2.3	1.5	1.6	1.2	1.6	1.6	1.6		
AVG:	.57	.42	.33	.38	.31	.30	.29	.34	.56	.62	.75	.60	.50	.49	.49	.47	.43	.51	.49	.46	.45	.47	.50	.45		

MONTHLY OBSERVATIONS: 737 MONTHLY MEAN: .47 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: 37-067-0022 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: THERMO 43I-TLE

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: 36.110693332
LONGITUDE: -80.2264378
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 284
PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2015

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	.6	.6	.5	.5	.7	.7	.7	.8	1.0	.8	.8	.9	.7	.5	.5	.6	.8	.5	.6	.4	.7	.4	.4	24	1.0
2	.5	.2	.2	.1	.0	.0	.0	.0	.0	BF	BF	BF	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	9	.5
3	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	0	
4	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	0	
5	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	0	
6	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	0	
7	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	0	
8	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	0	
9	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	0	
10	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	0	
11	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	0	
12	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	0	
13	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	0	
14	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	0	
15	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	0	
16	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	0	
17	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	0	
18	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	0	
19	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	0	
20	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	0	
21	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	0	
22	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	0	
23	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	0	
24	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	0	
25	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BC	BC	BC	.5	.4	.3	.4	.4	.2	.0	7	.5
26	.0	.0	.0	.1	.1	.1	.3	.3	.4	1.2	2.0	1.5	.4	.2	.1	.9	1.9	1.0	.5	.4	.2	.2	.3	.2	24	2.0
27	.1	.1	.0	.0	.0	.0	.2	.2	.3	1.4	2.4	2.4	2.5	2.2	1.8	1.6	1.5	1.5	1.4	1.0	.7	.6	3.1	2.9	24	3.1
28	4.1	4.8	1.6	1.9	2.3	3.0	2.5	2.0	2.2	2.4	2.4	2.3	3.0	3.5	3.2	2.8	2.4	2.9	3.3	3.7	4.1	4.1	4.7	3.6	24	4.8
29																									0	
30																									0	
31																									0	
NO.:	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5		
MAX:	4.1	4.8	1.6	1.9	2.3	3.0	2.5	2.0	2.2	2.4	2.4	2.4	3.0	3.5	3.2	2.8	2.4	2.9	3.3	3.7	4.1	4.1	4.7	3.6		
AVG:	1.04	1.14	.48	.52	.58	.76	.74	.64	.74	1.50	1.90	1.75	1.70	1.65	1.40	1.45	1.60	1.34	1.22	1.20	1.16	1.20	1.74	1.42		

MONTHLY OBSERVATIONS: 112 MONTHLY MEAN: 1.17 MONTHLY MAX: 4.8

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: THERMO 43I-TLE

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: 36.110693332
LONGITUDE: -80.2264378
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 284
PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2015

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	2.5	2.3	2.2	2.0	1.5	1.1	.8	.8	1.7	1.1	2.9	5.9	1.2	.7	.6	.5	.4	.4	.3	.2	.1	.2	.1	24	5.9
2	.0	.0	.0	.0	.0	.0	.2	.9	.2	.2	.2	.1	.1	.0	.1	.2	.2	.3	.2	.4	.4	.8	3.4	1.7	24	3.4
3	4.9	4.2	2.1	.7	.7	.7	.7	.6	.4	.4	.3	.2	.2	.1	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	24	4.9
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	.2	24	.2
5	.3	.6	.3	.7	.5	.0	.0	.0	.0	.1	.1	.3	.0	.5	.3	.0	.2	.1	.0	.2	.1	.2	.7	1.1	24	1.1
6	1.3	1.1	1.4	1.4	1.6	2.0	2.1	2.4	4.5	1.8	.8	.8	.7	.7	1.3	3.0	2.3	2.1	1.5	.7	.6	.6	.4	.3	24	4.5
7	.3	.3	.3	.3	.3	.3	.4	.4	.6	1.0	.6	.5	.5	.6	.7	.4	.6	.4	.4	.4	.6	.6	.2	.2	24	1.0
8	.2	.3	.4	.2	.2	.2	.2	.2	.2	.2	.3	.2	.2	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	24	.4
9	.2	.4	.4	.2	.2	.3	.3	.1	1.6	.1	.9	.4	.1	.2	.0	.5	.3	.9	.0	.1	.1	.1	.1	.1	24	1.6
10	.3	.9	1.4	.7	.5	.4	.3	.5	.8	.9	.7	.5	.4	.2	.2	BA	.2	.1	.2	.2	.2	.3	.3	.2	23	1.4
11	.2	.7	.6	.3	.2	.1	.2	.3	.4	1.0	BF	BF	.0	.0	.5	.4	.2	.7	.1	.0	.0	.0	.0	.0	22	1.0
12	.0	.0	.0	.0	.1	.5	1.2	1.6	1.5	5.9	.6	.5	.4	.3	.1	.1	.4	.5	.5	.4	.4	.3	.4	.4	24	5.9
13	.4	.4	.5	.4	.4	.4	.3	.3	.4	.4	.4	.3	.3	.2	.2	.2	.2	.1	.0	.2	.0	.0	.1	.0	24	.5
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	24	.9
15	.0	.0	.0	.0	.1	.3	.1	.1	.3	.2	.1	.1	.1	.2	.3	.3	.2	.1	.2	.1	.1	.1	.2	.2	24	.3
16	.2	.2	.2	.3	.3	.4	.4	.5	1.0	1.7	.6	.3	AZ	AZ	AZ	AZ	AZ	.1	.1	.2	.2	.2	.3	.3	19	1.7
17	.2	.2	.1	.1	.1	1.1	20.2	6.6	.4	.3	.3	.4	.2	.1	.2	.0	.0	.0	.0	.0	.1	.2	.1	.0	24	20.2
18	.0	.0	.2	1.1	1.2	1.4	1.9	2.0	1.7	1.3	1.0	.9	.8	.7	.7	.8	.4	.4	.5	.5	.5	.4	.4	.3	24	2.0
19	.3	.3	.4	.3	.8	.8	3.8	6.4	1.4	4.9	2.5	1.4	.4	.2	.4	.6	.4	.2	.1	.0	.0	.0	.0	.0	24	6.4
20	.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
21	.1	.1	.0	.0	.0	.1	.2	.3	.2	.2	.2	.2	.2	.1	.1	.0	.1	.0	.2	.4	.5	.5	.4	.4	24	.5
22	.3	.2	.1	.1	.2	.1	.1	.1	.3	.7	.9	.9	.9	.8	.6	.5	.6	.6	.7	.7	.7	.6	.9	.6	24	.9
23	.5	.4	.3	.3	1.0	.5	.2	.2	1.1	1.3	1.8	1.3	.8	1.0	1.2	1.8	1.3	.8	.6	.5	.5	.5	.5	.4	24	1.8
24	.4	.4	.4	.4	.3	.2	.3	.3	.3	.3	.3	.4	.5	.3	.3	.4	.5	.6	.6	.4	.2	.2	3.3	3.9	24	3.9
25	1.8	.3	.2	.2	.2	.1	.1	.1	.0	BF	BF	.0	.0	.0	.0	.0	.6	.5	.1	.1	.0	.0	.1	.1	22	1.8
26	.1	.2	.1	.0	.0	.0	.0	.0	2.1	.9	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	2.1
27	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.1	.1	.0	.3	.8	24	.8
28	.7	.2	.1	.0	.0	.0	.1	.3	.3	.3	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1	.2	.2	.2	.3	24	.7
29	.6	.7	.5	.4	.3	.3	.3	.3	.3	.2	.2	.2	.1	.1	.1	.2	.2	.5	.6	.5	.3	.3	.4	.3	24	.7
30	.6	.5	.5	.4	.4	.3	.3	.1	.2	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	24	.6
31	.0	.0	.0	.1	.1	.1	.1	.6	.3	.3	1.0	.5	.3	.3	.3	.2	.2	.3	.2	.0	.0	.0	.1	.1	24	1.0
NO.:	31	31	31	31	31	31	31	31	31	30	29	30	30	30	30	29	30	31	31	31	31	31	31	31		
MAX:	4.9	4.2	2.3	2.2	2.0	2.0	20.2	6.6	4.5	5.9	2.5	2.9	5.9	1.2	1.3	3.0	2.3	2.1	1.5	.7	.7	.8	3.4	3.9		
AVG:	.54	.49	.41	.35	.38	.39	1.13	.84	.69	.89	.54	.46	.46	.27	.32	.37	.33	.33	.25	.22	.20	.21	.43	.39		

MONTHLY OBSERVATIONS: 734 MONTHLY MEAN: .45 MONTHLY MAX: 20.2

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: 37-067-0022 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: THERMO 43I-TLE

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: 36.110693332
LONGITUDE: -80.2264378
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 284
PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2015

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	.7	.8	1.1	1.3	1.2	1.0	.7	.9	2.0	1.7	.6	1.0	1.0	.9	1.0	.9	.5	.4	.3	.3	.5	.4	24	2.0
2	.3	.3	.3	.3	.1	.1	.1	.4	.5	.3	.3	.3	.3	.3	.2	.2	.2	.2	.7	.7	.1	.0	.0	.0	24	.7
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	24	.3
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	24	.1
5	.0	.1	.1	.1	.1	.1	.1	.2	.5	.3	.2	.2	.2	.1	.1	.3	.3	.1	.1	.1	.1	.2	.2	.2	24	.5
6	.2	.9	.6	.5	.9	.6	3.0	5.3	2.8	.4	.2	.1	.1	.1	.0	.0	.0	.1	.1	.1	.2	.3	.3	.5	24	5.3
7	.9	.6	.2	.1	.1	.1	.1	.1	.1	.0	.0	.6	.6	1.4	.9	.0	.0	.1	.0	.0	.0	.0	.0	.0	24	1.4
8	.0	.0	.0	.0	.0	.2	.1	.3	1.3	.9	BF	.5	.0	.2	.0	.0	.0	.0	.0	.5	.6	.2	.2	.1	23	1.3
9	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	1.9	2.6	.4	.0	.0	.1	.0	24	2.6
10	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.3	.3	.1	.0	.2	.1	.0	.1	.1	.3	.4	.4	.0	24	.4
11	.0	.0	.0	.0	.1	.2	.1	.0	.2	.3	.3	.4	.4	.4	.4	.3	.2	.2	.2	.3	.4	1.6	.9	.3	24	1.6
12	.7	.3	.5	.7	.6	.9	.5	.3	.3	.3	.2	.2	.2	.2	.2	.3	.3	.2	.2	.2	.2	.2	.3	.2	24	.9
13	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.1
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.5	.1	1.1	1.3	1.4	.3	.7	24	1.4
15	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	24	.6
16	.1	.1	.1	.1	.1	.0	.0	.1	.2	.6	.8	.9	1.3	1.6	.9	.3	.1	.0	.1	.0	.0	.0	.0	.0	24	1.6
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	1.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	24	1.1
18	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	24	.2
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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
21	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.2	.1	.2	.2	.2	.3	.0	.0	.0	.1	.1	.0	.0	24	.3
22	.0	.0	.0	.0	.0	.0	.1	.2	.3	.1	BF	.0	.2	.4	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	23	.4
23	.0	.1	.2	.2	.4	.7	.7	.7	.3	.2	.2	.1	.2	.3	.1	.1	.3	.3	.1	.1	.1	.1	.1	.2	24	.7
24	.1	.1	.1	.0	.1	.4	.4	.4	.4	.3	.2	.2	.1	.1	.1	.1	.1	.1	.2	.3	.3	.4	.3	.3	24	.4
25	.4	.3	.3	.3	.3	.5	.6	.3	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.6
26	.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
27	.0	.0	.0	.0	.0	.0	.0	.0	.5	.4	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	24	.5
28	.1	.0	.1	.3	.3	.4	.4	.2	.6	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	24	.6
29	.0	.0	.0	.0	.0	.1	.1	1.1	2.3	.8	.2	.1	.1	.1	.1	.1	.1	.2	.1	.1	.2	.2	.1	.0	24	2.3
30	.0	.0	.0	.0	.0	.0	.0	.0	1.3	4.5	2.7	1.4	1.0	.9	.2	.5	.4	.1	.1	.1	.0	.1	.0	.0	24	4.5
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	28	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	.9	.9	.7	.8	1.1	1.3	3.0	5.3	2.8	4.5	2.7	1.7	1.3	1.6	1.0	.9	1.0	1.9	2.6	1.1	1.3	1.6	.9	.7		
AVG:	.12	.12	.11	.12	.14	.19	.25	.36	.43	.37	.33	.29	.21	.26	.17	.13	.14	.17	.17	.15	.14	.18	.14	.11		

MONTHLY OBSERVATIONS: 718 MONTHLY MEAN: .20 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: 37-067-0022 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: THERMO 43I-TLE

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: 36.110693332
LONGITUDE: -80.2264378
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 284
PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2015

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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
2	.0	.0	.0	.0	.0	.0	.0	.1	.4	.3	.1	.1	.2	.5	.3	.2	.2	.2	.1	.1	.1	.2	.2	.1	24	.5
3	.2	.1	.1	.0	.0	.1	.1	.1	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.0	.2	24	.2
4	.3	.4	.8	1.0	.6	.4	1.0	1.0	.9	.8	.5	.2	.3	.3	.2	.1	.1	.1	.1	.5	.6	.4	.9	1.0	24	1.0
5	.4	.2	.1	.1	.0	.0	.1	.3	.5	.4	.2	.2	.2	.2	.2	.2	.2	.4	.2	.3	.5	.6	1.5	.8	24	1.5
6	.3	.2	.4	.4	.5	.3	.6	.8	1.2	2.2	BF	.6	.2	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	23	2.2
7	.1	.0	.0	.0	.0	.0	.0	.4	.4	.5	.8	.5	.1	.1	.3	.2	.0	.0	.2	.3	.2	.1	.3	.3	24	.8
8	.2	.1	.0	.0	.0	.0	.1	.1	.1	1.0	.7	.1	.0	.0	.0	.0	.0	.0	.2	1.1	.8	.5	.3	.2	24	1.1
9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.1	.4	.9	.1	.0	.0	.0	24	.9
10	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0	24	.2
11	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2	.3	.2	.1	.1	.3	.2	.0	.0	.0	.0	.0	.3	.1	24	.3
12	.0	.0	.0	.0	.0	.0	.0	.2	.3	.8	.2	.4	.3	.1	.1	.1	.9	2.2	.0	.0	.0	.0	.2	.1	24	2.2
13	.0	.1	.1	.1	.1	.3	.5	.9	.6	.3	.2	.1	.1	.0	.0	.0	.1	.0	.0	1.4	1.4	.5	.5	.3	24	1.4
14	.7	.3	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3	.6	.5	.4	.3	.2	.1	.1	.0	24	.7
15	.0	.0	.0	.0	.0	.0	.1	.2	.1	.2	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.2	24	.2
16	.1	.0	.1	.1	.1	.0	.0	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.7	.6	.8	.4	24	.8
17	.4	.9	.9	.4	.2	.1	.2	.3	.2	.2	.1	.1	.1	.3	.1	.0	.0	.0	.0	.1	.1	.1	.1	.1	24	.9
18	.1	.0	.0	.0	.0	.0	.1	2.4	2.9	.5	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	24	2.9
19	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.2
20	.0	.0	.0	.0	.0	.0	.2	.3	.3	BF	.2	.3	.2	.2	.1	.0	.1	.1	.1	.1	.2	.3	.2	.4	23	.4
21	.0	.6	.3	.1	.2	.3	.5	.5	.5	.9	.9	.2	.0	.0	.0	.0	.1	1.6	1.7	.5	.2	.0	.0	.0	24	1.7
22	.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
23	.0	.1	.0	.0	.0	.0	.0	.0	.1	.6	.2	.2	.2	.2	.2	.2	.2	.3	.1	.2	.1	.1	.1	.1	24	.6
24	.1	.2	.2	.1	.1	.1	.2	.3	.5	.3	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.1	.2	24	.5
25	.1	.4	.6	.6	.1	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.5	24	.6
26	.3	.2	.4	.5	.4	.3	.3	.2	.1	.1	.0	.0	BF	BF	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	22	.5
27	-.1	.0	.1	.0	.0	.0	.0	.0	.5	.6	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.3	.1	.0	24	.6
28	.0	.0	.0	-.1	-.1	.0	.4	.1	.0	.6	AZ	AZ	AZ	AZ	AZ	.0	.0	.0	.0	.0	.0	.2	.0	.0	19	.6
29	.0	-.1	-.1	-.1	-.1	-.1	.0	.3	.9	.6	.1	.1	.0	.0	.0	.0	-.1	.0	.0	-.1	-.1	-.1	.0	-.1	24	.9
30	-.1	-.1	.0	.0	.0	.0	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	24	.3
31	.5	.7	.4	.3	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.7
NO.:	31	31	31	31	31	31	31	31	31	30	29	30	29	29	30	31	31	31	31	31	31	31	31	31		
MAX:	.7	.9	.9	1.0	.6	.4	1.0	2.4	2.9	2.2	.9	.6	.3	.5	.3	.3	.9	2.2	1.7	1.4	1.4	.6	1.5	1.0		
AVG:	.12	.14	.15	.12	.08	.07	.16	.31	.36	.39	.19	.16	.09	.09	.07	.06	.09	.20	.12	.19	.18	.14	.20	.16		

MONTHLY OBSERVATIONS: 735 MONTHLY MEAN: .16 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: 37-067-0022 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: THERMO 43I-TLE

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: 36.110693332
LONGITUDE: -80.2264378
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 284
PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2015

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

HOUR 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	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	24	.4
2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	1.2	.1	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	24	1.2
3	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	.0	-.1	-.1	-.1	.0	.3	.2	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	24	.3
4	.0	.2	.2	.2	.1	.1	.1	.2	1.1	BF	8.3	3.3	4.2	5.1	4.3	7.4	5.3	4.3	1.5	.7	.7	.0	.0	.2	23	8.3
5	.2	.2	.4	.0	.0	.0	.6	1.5	4.4	6.3	1.0	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	6.3
6	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.3	.7	.5	.2	.1	2.3	1.2	.1	.0	.0	.0	.0	.3	.3	.2	24	2.3
7	.2	.1	.0	.0	.0	-.1	-.1	-.1	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	-.1	24	.2
8	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	24	.1
9	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.3
10	.0	.0	.0	.0	-.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.1
11	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.2	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	24	.2
12	.0	.0	.0	.0	-.1	.0	.0	.1	.0	.0	.0	.0	-.1	-.1	.0	.0	.0	.0	-.1	-.1	-.1	.0	-.1	-.1	24	.1
13	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	-.1	.0	.3	1.6	1.3	.1	-.1	-.1	.8	.3	24	1.6
14	.0	.0	-.1	-.1	-.1	-.1	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.1	.0	24	.6
15	.0	.0	.0	.0	-.1	-.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.1
16	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	-.1	24	.1
17	-.1	-.1	.0	-.1	-.1	.0	.0	.3	3.9	1.7	3.5	2.4	BF	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	3.9
18	.0	.5	.5	.2	.2	.1	.0	.0	.2	.8	.4	.3	.0	.1	.1	.0	.0	.0	.0	.0	.0	.2	.0	.0	24	.8
19	.0	.0	-.1	-.1	-.1	-.1	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	24	0.0
20	-.1	-.1	-.1	-.1	-.1	-.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.2	.4	.5	.2	24	.5
21	.0	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	.0	-.1	24	0.0
22	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	1.7	2.3	.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	24	2.3
23	.1	.0	.0	-.1	-.1	-.1	.0	.0	.0	.1	.3	.1	.1	.0	.8	.9	.0	.0	.0	.0	.0	.0	.0	.0	24	.9
24	.0	-.1	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.2
25	.0	.1	.6	.6	.4	.1	.1	.3	.6	1.0	.7	.9	.6	.3	.1	.0	.0	.0	.0	.1	.5	.3	.2	.1	24	1.0
26	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	-.1	24	0.0
27	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	-.1	-.1	-.1	.0	-.1	-.1	.0	-.1	24	0.0
28	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	24	0.0
29	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.1
30	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	24	.2
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	29	30	30	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:	.2	.5	.6	.6	.4	.1	.6	1.5	4.4	6.3	8.3	3.3	4.2	5.1	4.3	7.4	5.3	4.3	1.5	.7	.7	.6	.8	.3		
AVG:	-.02	0.00	.02	-.01	-.04	-.04	0.00	.07	.40	.36	.57	.33	.18	.20	.26	.32	.18	.19	.07	.01	.02	.03	.06	0.00		

MONTHLY OBSERVATIONS: 718 MONTHLY MEAN: .13 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: THERMO 43I-TLE

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: 36.110693332
LONGITUDE: -80.2264378
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 284
PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2015

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	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	24	.1
2	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.1	1.6	.0	.0	.0	.0	.0	24	1.6
3	.0	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	24	0.0
4	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	-.1	24	.1
5	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.2	.1	.0	.1	.1	.1	.1	-.1	.0	-.1	-.1	-.1	-.1	.0	.0	24	.2
6	-.1	.0	.0	.0	.0	-.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	-.1	.0	.0	24	.1
7	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.1	.3	.1	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
8	.0	.0	.0	.0	.0	.5	2.7	2.9	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.1	.0	.0	.3	24	2.9
9	1.0	1.1	.5	.1	.0	.0	6.0	3.6	.3	1.0	.0	.0	.3	.1	.1	.3	.2	.2	.0	.0	.0	.0	.0	.0	24	6.0
10	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.1	.1	24	.3
11	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.1	.0	.0	.0	.0	24	.1
12	.0	-.1	-.1	-.1	-.1	-.1	-.1	.2	1.5	.8	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.5
13	.0	.0	-.1	-.1	.0	-.1	-.1	.0	.6	.1	.9	.1	.2	.2	.0	.0	-.1	.0	.2	-.1	-.1	-.1	.0	-.1	24	.9
14	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	.0	.0	.0	.3	.1	.1	.3	.2	.0	-.1	-.1	-.1	-.1	.0	.0	24	.3
15	.0	.0	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	24	0.0
16	-.1	-.1	-.1	-.1	.0	.8	.1	.0	.0	.4	.4	.0	BF	.2	.4	.4	.2	.2	.1	.1	.3	1.9	1.4	1.2	23	1.9
17	.8	.7	.6	.4	.3	.1	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.8
18	-.1	.1	.2	.2	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.0	-.1	-.1	-.1	24	.2
19	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	-.1	-.1	.0	.0	.0	.0	-.1	.0	.0	-.1	24	0.0
20	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	24	.5
21	-.1	-.1	-.1	-.1	-.1	.0	.2	1.7	.3	.0	.5	.4	1.0	.8	.9	1.3	.0	.0	.0	.0	-.1	-.1	.0	-.1	24	1.7
22	-.1	-.1	-.1	-.1	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.1	.0	.0	.2	.8	.2	.3	.2	.1	24	.8
23	.3	.1	.0	.2	.6	.3	.2	1.6	2.1	1.5	.1	.0	.0	.1	.9	.9	.0	.0	.1	.3	.6	.8	.7	.1	24	2.1
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.5	.0	.0	.0	.0	.0	.0	24	.5
25	.0	.0	.0	.0	-.1	-.1	.0	.0	.2	.2	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.4
26	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.2	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	24	.3
27	.0	.0	.2	.4	.1	.0	.3	.5	.0	.1	.2	.2	.2	.1	.1	.0	.0	.1	.0	.0	-.1	-.1	-.1	.0	24	.5
28	.0	.0	.0	.0	.0	.0	.0	1.7	.8	1.1	.1	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	24	1.7
29	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.1	.6	.6	.4	.5	.0	.0	.0	.0	-.1	.0	.0	.0	-.1	-.1	.0	-.1	24	.6
30	-.1	-.1	-.1	-.1	-.1	.0	.0	1.8	2.2	.8	BF	.0	.0	.0	-.1	.0	-.1	.0	.0	.0	.0	-.1	.0	.0	23	2.2
31	.0	.0	.0	.0	.1	.4	.4	.7	.6	.3	.4	1.2	.6	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.2
NO.:	31	31	31	31	31	31	31	31	31	31	30	30	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:	1.0	1.1	.6	.4	.6	.8	6.0	3.6	2.2	1.5	.9	1.2	1.0	.8	.9	1.3	.2	.5	1.6	.8	.6	1.9	1.4	1.2		
AVG:	.03	.02	-.01	-.01	-.01	.02	.29	.48	.32	.24	.13	.07	.07	.06	.06	.09	.01	.03	.06	.03	.01	.06	.06	.03		

MONTHLY OBSERVATIONS: 741 MONTHLY MEAN: .09 MONTHLY MAX: 6.0

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: THERMO 43I-TLE

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: 36.110693332
LONGITUDE: -80.2264378
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 284
PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2015

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	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.1
2	.0	.0	.0	.0	.0	.0	.1	.6	.6	.4	.3	.1	.1	.1	.1	.1	.1	1.7	3.6	4.0	1.0	.3	.2	.4	24	4.0
3	.5	.6	.3	.1	.0	.0	.1	.2	.7	1.8	.5	.2	.2	.1	.1	.0	.0	.0	.1	.0	.0	.0	.1	1.1	24	1.8
4	.9	.9	.2	.0	.0	.2	.3	.5	.5	1.0	.6	.1	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
5	.0	.0	.0	.0	.0	.0	.0	.2	.0	.1	.9	.6	.1	.0	.2	.1	.0	.2	.0	.1	.0	-.1	.0	-.1	24	.9
6	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	1.1	.9	.1	.1	.2	.2	.0	.0	-.1	-.1	.0	.0	-.1	24	1.1
7	-.1	-.1	-.1	-.1	-.1	.0	.0	.3	.4	.5	.1	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.1	.9	.9	1.2	24	1.2
8	1.1	.6	.0	.0	.0	.0	.0	.0	.7	1.2	1.4	1.9	.5	.8	.5	.0	.8	.0	-.1	.0	.0	.0	.0	.0	24	1.9
9	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.2
10	-.1	.0	.3	.1	.0	.0	.3	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	.0	-.1	24	.4
11	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.1	1.0	.4	.3	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	-.1	24	1.0
12	-.1	-.1	-.1	-.1	-.1	-.1	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.3	.0	.0	24	1.3
13	.0	.0	.0	.0	.0	.0	.0	.4	1.5	1.7	.1	BF	.0	.1	.2	.4	.5	1.7	2.3	2.7	2.5	1.0	.2	.2	23	2.7
14	.1	.0	.0	.0	.0	.2	.4	.2	.3	.4	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	.2	24	.4
15	.0	.0	.0	.0	.0	.0	.0	.4	.5	.4	.4	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	24	.5
16	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.3
17	.0	.0	.0	.0	.0	-.1	.0	.2	.5	.9	1.6	.2	.0	BA	BA	BA	BA	.3	.2	.0	.1	.0	-.1	-.1	20	1.6
18	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	24	0.0
19	-.1	.0	.0	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	.0	-.1	24	0.0
20	.0	.0	.0	-.1	-.1	-.1	.3	1.5	.2	.0	.0	.0	.4	.1	.0	.0	-.1	-.1	.0	-.1	-.1	-.1	.0	-.1	24	1.5
21	-.1	-.1	-.1	-.1	-.1	.0	.1	.2	.1	.0	.2	2.2	.9	.5	.0	.0	.0	.0	.2	.1	.1	.1	.0	.0	24	2.2
22	.0	.0	.2	.1	.1	.0	.0	.0	.1	.3	.3	.4	.2	.2	.1	.1	.2	.1	.2	.1	.0	.0	.0	.0	24	.4
23	.0	.1	.1	.0	.1	.0	.0	.1	.1	.1	.5	.1	.1	.5	.1	.2	.0	.0	.0	.0	.0	.0	.2	.0	24	.5
24	.0	-.1	-.1	-.1	-.1	.0	-.1	.0	.0	BF	BC	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	22	0.0
25	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.6	1.0	.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	1.0
26	-.2	-.1	.0	.0	.2	.2	-.1	-.2	-.2	-.2	.9	-.1	-.1	.0	.4	1.3	1.5	1.2	-.1	-.2	-.2	-.2	.0	.0	24	1.5
27	.0	.0	.0	.0	.0	.0	.1	.7	AZ	AZ	AZ	AZ	.0	-.1	-.1	.0	.5	.0	-.2	-.2	-.1	.0	.0	-.1	20	.7
28	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.3	.0	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	.3
29	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.2	.4	.1	.0	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	.4
30	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.0	-.1	-.2	-.1	-.2	-.2	-.2	-.2	-.1	.0	24	0.0
31	.5	.1	-.2	-.2	-.2	-.2	-.2	-.2	.0	-.2	-.2	-.2	.2	1.9	2.3	.8	1.0	.1	.0	-.2	-.2	-.2	-.2	-.2	24	2.3
NO.:	31	31	31	31	31	31	31	31	30	29	29	29	31	30	30	30	30	31	31	31	31	31	31	31		
MAX:	1.1	.9	.3	.1	.2	.2	.4	1.5	1.5	1.8	1.6	2.2	.9	1.9	2.3	1.3	1.5	1.7	3.6	4.0	2.5	1.3	.9	1.2		
AVG:	.04	.02	-.02	-.06	-.05	-.04	0.00	.16	.23	.31	.32	.28	.13	.13	.12	.07	.12	.15	.16	.16	.06	.05	.01	.04		

MONTHLY OBSERVATIONS: 733 MONTHLY MEAN: .10 MONTHLY MAX: 4.0

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

(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: THERMO 43I-TLE

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: 36.110693332
LONGITUDE: -80.2264378
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 284
PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2015

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	-.2	-.2	.0	-.1	-.2	1.8	3.1	-.1	-.1	-.1	-.1	-.2	.3	.0	-.1	-.1	-.1	24	3.1
2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.0	.0	-.1	-.1	-.2	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	0.0
3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.0	.3	.2	.1	.1	.0	.0	.0	.0	1.7	.9	.2	.0	-.2	-.2	-.2	24	1.7
4	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.0	.0	2.3	9.1	.9	-.1	-.2	-.2	.0	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	9.1
5	2.9	1.2	.0	-.2	-.2	-.2	-.2	-.1	.0	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.0	24	2.9
6	.0	-.2	-.2	-.2	-.2	-.1	-.1	.1	-.2	-.2	-.2	.2	.1	-.2	-.2	.6	.1	-.2	-.2	-.2	.0	.0	.1	.0	24	.6
7	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	-.1
8	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.5	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.1	-.2	-.2	24	.5
9	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.2	.5	.4	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.2	-.1	-.1	-.2	24	.5
10	-.2	-.2	-.2	-.2	-.2	-.2	.0	-.2	.4	.1	-.2	-.2	-.2	-.2	BF	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	23	.4
11	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	6.6	4.4	2.9	7.8	3.2	1.3	1.3	.8	.2	-.1	-.2	-.2	-.2	-.2	-.2	24	7.8
12	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	-.1
13	-.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
14	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.0	-.1	-.2	-.1	.0	.0	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	24	0.0
15	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.0	.0	-.2	-.2	-.2	-.1	.0	.1	.0	.0	-.1	-.1	-.2	-.2	-.2	-.2	24	.1
16	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.0	.0	-.1	-.1	-.1	.8	.6	.2	.1	.0	.0	-.1	-.2	-.2	-.2	-.2	24	.8
17	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.0	BE	BE	BE	BE	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	BD	BD	-.2	18	0.0
18	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.1	.9	.9	.0	.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	.9
19	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.0	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.0	-.1	24	0.0
20	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	.0	5.0	6.3	4.6	7.1	4.2	.0	-.1	-.2	-.2	-.2	.0	1.2	1.3	24	7.1
21	.3	.3	-.2	-.2	-.2	-.1	.2	-.1	-.2	.0	.3	.4	.3	.0	-.1	-.2	-.2	.0	.1	.1	.0	.1	.0	.0	24	.4
22	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.0	.6	1.0	-.2	1.1	.2	-.2	.5	-.2	-.2	-.2	-.2	-.2	.6	-.1	24	1.1
23	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.6	1.5	.2	.9	.4	.8	.0	1.6	.8	.8	-.1	-.2	-.2	-.2	-.2	-.1	24	1.6
24	-.1	-.1	-.2	-.2	-.2	.2	.7	1.0	3.4	.1	BF	BF	-.2	.0	1.2	1.8	.3	.3	-.2	-.2	-.1	-.1	-.2	-.2	22	3.4
25	-.1	.2	-.1	-.2	-.1	.0	-.2	-.2	-.2	-.2	-.2	-.2	.3	.4	.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	.4
26	-.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
27	-.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
28	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.0	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	0.0
29	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	BA	BA	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	22	-.2
30	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.9	.0	.3	-.2	-.2	-.2	-.2	-.2	24	.9
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	29	28	28	29	29	28	30	30	30	30	30	30	29	29	30		
MAX:	2.9	1.2	0.0	-.2	-.1	.2	.7	1.0	3.4	6.6	9.1	5.0	7.8	4.6	7.1	4.2	.9	1.7	.9	.3	.2	.1	1.2	1.3		
AVG:	-.06	-.12	-.19	-.20	-.20	-.17	-.15	-.12	.05	.28	.44	.28	.50	.40	.26	.20	0.00	-.04	-.12	-.15	-.16	-.16	-.09	-.12		

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: .01 MONTHLY MAX: 9.1

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

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LONGITUDE: -80.2264378
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 284
PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2015

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	.0	.0	.8	-.2	-.2	-.2	-.2	.0	.2	.2	.1	.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	.8
2	-.2	-.2	-.1	-.2	AV	AV	AV	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.2	-.2	-.2	-.2	21	-.1
3	-.1	-.2	-.2	-.2	-.2	-.2	-.1	.0	.2	.2	.0	-.2	-.2	-.2	-.2	-.2	.0	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	.2
4	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.1	.1	.2	.1	.2	.0	.1	.0	.0	-.1	24	.2
5	-.1	-.2	-.2	-.2	.0	.0	.5	-.1	.5	.7	-.2	-.1	.2	.8	.5	.7	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	.8
6	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.0	.5	1.4	.1	.0	.8	.0	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	1.4
7	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.0	.0	.0	.0	.1	-.1	-.2	-.2	.0	-.2	-.2	-.2	-.1	-.1	-.2	-.2	24	.1
8	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	3.0	4.8	1.2	.9	.1	-.1	BF	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	23	4.8
9	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.0	.0	.0	.0	.0	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	0.0
10	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.1	-.2	-.2	-.2	-.2	.0	.4	-.2	.0	-.2	.0	-.1	.1	.2	.1	24	.4
11	.0	.0	.0	-.1	.0	-.2	-.2	-.2	-.2	.4	1.2	1.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	1.3
12	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.2	.0	1.5	-.2	-.2	-.2	-.2	-.2	.0	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	1.5
13	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.5	.0	-.2	-.2	.0	-.2	-.1	-.2	-.2	1.1	.0	-.2	-.2	-.2	-.2	-.2	24	1.1
14	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.0	.0	.1	-.2	-.1	-.1	-.2	-.2	-.2	-.2	-.1	-.2	24	.1
15	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.2	.3	.2	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	-.1	-.1	-.1	-.2	24	.3
16	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.0	-.1	.0	.0	.0	.0	-.1	-.1	.0	-.1	-.1	-.1	-.1	.0	.0	-.1	24	0.0
17	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.0	.0	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	.0	.1	.1	.0	24	.1
18	-.1	-.2	-.2	-.2	-.2	-.2	-.2	.1	.2	.0	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.0	-.1	24	.2
19	-.1	-.2	-.2	-.2	-.2	-.1	.0	.1	.1	1.4	.5	.8	.5	.1	.0	.0	.1	.0	.2	.0	-.1	-.1	-.1	-.2	24	1.4
20	-.2	-.2	-.2	-.2	-.2	-.2	-.1	2.3	1.7	3.8	.2	.2	-.1	-.1	.0	.0	-.1	.3	.1	.0	.2	.2	.2	.3	24	3.8
21	.1	.0	-.1	-.1	-.1	.0	.0	.2	.7	1.9	.0	.4	.0	-.2	-.2	-.1	1.0	.9	.4	.4	.3	.2	.0	-.1	24	1.9
22	-.1	-.1	-.2	-.2	-.1	-.1	-.1	.2	3.0	1.8	.5	BF	.2	.0	.0	-.1	-.2	-.1	.0	.0	.1	.1	.0	.0	23	3.0
23	-.1	-.1	-.1	-.2	-.2	-.1	.0	.1	.1	.2	3.0	4.0	.4	.2	.1	.0	.0	.2	.6	.7	.4	.1	.0	.0	24	4.0
24	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.0	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.1	-.2	-.2	-.2	24	0.0
25	-.2	-.2	-.2	.0	-.2	-.2	-.2	-.2	-.1	.0	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.3	.0	.8	.1	.0	.0	24	.8
26	.0	3.0	-.1	-.1	.0	.3	.0	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.0	24	3.0
27	.3	.2	.1	.1	.1	.0	.5	.1	.0	.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	.5
28	-.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
29	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	-.1
30	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.1	.4	.3	.3	.1	.1	.1	.2	.2	.1	.6	.5	.2	.0	-.1	-.2	24	.6
31	-.2	-.2	-.1	-.1	-.2	-.2	-.2	.0	.2	.2	.1	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	-.1	-.1	-.2	24	.2
NO.:	31	31	31	31	30	30	30	31	31	31	31	30	31	31	30	31	31	31	31	31	31	31	31	31		
MAX:	.3	3.0	.1	.1	.1	.3	.5	2.3	3.0	4.8	3.0	4.0	.5	.8	.8	.7	1.0	1.1	.6	.7	.8	.2	.2	.3		
AVG:	-.14	-.06	-.17	-.17	-.16	-.15	-.10	.03	.27	.51	.16	.21	-.03	-.05	-.03	-.06	-.06	-.04	-.05	-.07	-.05	-.09	-.10	-.13		

MONTHLY OBSERVATIONS: 739 MONTHLY MEAN: -.02 MONTHLY MAX: 4.8

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: THERMO 43I-TLE

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: 36.110693332
LONGITUDE: -80.2264378
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 284
PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2015

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	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	-.2
2	-.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
3	-.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
4	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.2	-.2	-.2	.5	.4	.0	.0	.0	-.2	-.2	-.2	-.1	-.1	24	.5
5	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.0	1.2	.1	BF	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	23	1.2
6	-.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
7	-.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
8	.0	.0	-.2	-.2	-.2	-.2	-.2	-.2	.7	1.9	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.1	.3	.1	.0	24	1.9
9	-.2	.1	1.2	.0	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.0	.1	.1	.0	-.2	-.2	-.1	.1	.1	.0	.1	.0	.0	24	1.2
10	.0	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	0.0
11	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.7	.0	-.1	-.1	-.1	-.1	-.1	-.1	.2	-.1	-.1	.0	.0	.1	.0	.0	.0	24	.7
12	-.1	-.1	-.2	-.1	.0	.0	.1	.2	.2	-.1	.0	.1	.2	-.1	.0	.0	.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	.2
13	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	BA	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.0	23	0.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.0	.0	.0	-.1	-.1	-.2	24	0.0
15	-.1	.0	-.2	-.2	-.2	-.2	-.2	-.1	-.1	.0	.1	.2	.0	.0	.0	-.1	-.2	-.1	-.1	-.1	.0	.0	.0	.0	24	.2
16	.0	.0	-.1	-.1	-.2	-.1	.0	.1	2.0	9.7	AZ	AZ	.1	.2	.0	.2	.3	.4	.5	.5	.5	.6	.8	1.1	22	9.7
17	.6	.3	.7	.5	.0	.1	.2	.5	.7	.2	.2	.5	.9	.4	.2	.1	.0	.2	.7	.5	.4	.4	.3	.2	24	.9
18	.1	.2	.1	.0	.0	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	.2
19	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.2	.3	-.1	.1	.2	.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	.3
20	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	BF	BF	BC	BC	.1	.1	.1	.2	.2	.2	.3	.3	.3	.5	20	.5
21	1.1	.8	.9	1.0	.6	.3	.2	.3	.4	.5	.3	.3	.3	.2	.2	.3	.3	.3	.2	.3	.4	.3	.4	.2	24	1.1
22	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	24	.2
23	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.3	.0	.0	.1	.0	.1	.1	.1	.2	24	.3
24	.2	.1	.0	.0	.1	.0	.2	.3	.6	3.4	1.5	.4	.2	.3	.1	.1	1.0	.2	.4	.5	.4	.4	.4	.3	24	3.4
25	.1	.1	.1	.1	.0	.0	.0	.0	.3	2.3	.9	.7	.3	.3	.2	.2	.1	.1	.2	.2	.3	.6	.2	.2	24	2.3
26	.2	.2	.2	.2	.2	.3	.4	.4	.9	3.9	3.1	.6	.2	.1	.1	.1	.1	.2	.1	.1	.1	.1	.0	.0	24	3.9
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.0	.8	.3	.2	.1	.0	.0	.1	.1	.1	.1	.1	.2	.1	24	1.0
28	.2	.2	.1	.2	.2	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.2	24	.2
29	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	24	.1
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	24	.1
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	28	27	29	28	30	30	30	30	30	30	30	30	30	30		
MAX:	1.1	.8	1.2	1.0	.6	.3	.4	.7	2.0	9.7	3.1	1.2	.9	.4	.5	.4	1.0	.4	.7	.5	.5	.6	.8	1.1		
AVG:	.01	-.01	.01	-.03	-.07	-.08	-.06	0.00	.11	.66	.17	.11	.03	-.03	-.02	0.00	-.01	-.03	.01	.01	.02	.03	.02	.03		

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .04 MONTHLY MAX: 9.7

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
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CITY: (75000) Winston-Salem
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MONITOR COMMENTS: THERMO 43I-TLE

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: 36.110693332
LONGITUDE: -80.2264378
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 284
PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2015

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	.0	.0	.0	.0	.0	.0	.0	.3	1.6	.4	.3	.3	.7	.2	.1	.1	.4	.2	.1	.0	.1	.1	24	1.6
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.1
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	BF	.1	.1	.1	.0	.0	.1	.1	.9	.1	.3	.3	.2	23	.9
4	.2	.2	.1	.0	.0	.0	.1	.4	.3	.5	.5	.4	.6	1.4	1.2	1.2	1.0	.9	1.0	1.3	1.4	.8	.4	.3	24	1.4
5	.2	.1	.1	.2	.2	.1	.0	.0	.2	.3	.6	.7	.7	.7	1.8	3.1	4.5	3.3	1.3	.7	.7	1.1	1.1	.9	24	4.5
6	.4	.3	.2	.2	.1	.1	.1	.1	.2	.3	.6	.9	.8	1.0	.6	.5	.4	.5	.5	.4	.2	.3	.3	.3	24	1.0
7	.1	.2	.2	.2	.3	.3	.2	.3	.1	.2	.4	.3	.7	.4	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	24	.7
8	.0	.0	.0	.0	.0	.0	.1	.2	.5	.3	.5	2.4	.1	.2	.0	.1	.0	.1	.1	.2	.2	.2	.1	.0	24	2.4
9	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	24	.2
10	.2	.2	.2	.1	.1	.1	.1	.2	.5	1.2	.9	1.5	.8	1.4	.2	.1	.1	.3	.2	.2	.2	.1	.1	.1	24	1.5
11	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.3	.2	.2	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	24	.3
12	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.2	.2	.1	.2	.1	24	.2
13	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.4	.5	.8	.5	.1	.2	.1	24	.8
14	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.2
15	.0	.0	.0	.0	.0	.0	.0	.1	.2	1.7	1.4	.0	.0	.0	.0	.0	.0	1.3	.4	.2	.2	.1	.1	.1	24	1.7
16	.0	.0	.0	.1	.1	.1	.1	.1	.3	.5	BF	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.1	.3	.2	23	.5
17	.2	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.2
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.2	.1	.0	.0	.0	.0	.0	24	.3
19	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.3	.3	.3	.3	.2	24	.3
20	.2	.2	.1	.2	.2	.2	.1	.2	.5	.3	.2	1.5	.4	.5	.4	.4	.3	.2	.2	.8	2.2	2.6	1.0	.8	24	2.6
21	.4	.2	.6	1.0	1.0	.8	.6	8.1	4.8	3.0	1.3	1.2	1.1	.7	.4	.6	.7	.8	2.2	.9	.5	.3	.4	.3	24	8.1
22	.3	.3	.2	.1	.1	.0	.0	.0	.0	.1	BF	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
23	.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
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	24	.1
25	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
26	.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
27	.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
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
29	.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
30	.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
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
NO.:	31	31	31	31	31	31	31	31	31	31	29	30	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	.4	.3	.6	1.0	1.0	.8	.6	8.1	4.8	3.0	1.6	2.4	1.1	1.4	1.8	3.1	4.5	3.3	2.2	1.3	2.2	2.6	1.1	.9		
AVG:	.09	.06	.06	.07	.07	.05	.05	.31	.25	.29	.30	.35	.21	.24	.21	.24	.28	.29	.25	.25	.23	.21	.16	.13		

MONTHLY OBSERVATIONS: 741 MONTHLY MEAN: .19 MONTHLY MAX: 8.1

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: 37-105-0002 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

CAS NUMBER: 7446-09-5
LATITUDE: 35.4325
LONGITUDE: -79.2887
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 131
PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2015

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	.0	.1	.2	.1	.2	.2	.1	.4	.5	.8	.8	1.3	.6	.5	.6	.6	.4	.5	.5	.5	.4	23	1.3
2	BF	.3	.3	.3	.3	.2	.3	.3	.3	.3	.3	.3	.3	.3	.4	.3	.7	.5	.3	.2	.2	.2	.2	.2	23	.7
3	BF	.2	.2	.2	.1	.2	.2	.1	.3	.2	.1	.2	.1	.1	.1	.0	.1	.1	.1	.2	.1	.1	.1	.1	23	.3
4	BF	.0	.1	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.0	.1	.1	.1	.2	.3	.1	.0	23	.3
5	BF	.2	.2	.1	.2	.2	.1	.1	.2	BA	.1	.1	.1	.2	.1	.1	.1	.1	.0	.1	.2	.1	.3	.5	22	.5
6	BF	1.4	1.1	.3	.3	.3	.3	.4	.4	.5	.4	.4	1.4	1.5	1.5	1.6	1.0	.5	.4	.4	.4	.5	.5	.3	23	1.6
7	BF	.4	.2	.2	.2	.2	.2	.3	.3	.6	.6	.8	.8	1.0	.7	.6	.6	.6	.7	2.0	1.8	1.3	.9	.8	23	2.0
8	BF	1.1	1.0	AE	AE	1.2	AE	AE	AE	1.3	.9	.9	.7	.7	.6	.6	.5	.5	.5	.5	.7	.7	.8	.8	18	1.3
9	AE	.6	.5	.6	.6	.7	1.6	2.0	2.1	2.0	1.3	1.0	.8	1.0	1.1	1.2	1.5	1.6	1.6	1.4	1.3	1.2	1.2	1.1	23	2.1
10	BF	1.0	1.1	1.1	.9	.9	.9	.8	1.2	1.3	1.4	1.3	1.3	1.1	1.1	1.1	1.1	1.1	1.0	1.1	.9	1.0	1.1	1.2	23	1.4
11	BF	.6	.5	AE	.4	.4	.5	.4	.4	.5	.7	1.0	.8	.8	.7	.7	.7	.7	.6	.5	.6	.6	.6	.6	22	1.0
12	BF	.6	.5	.4	.4	.3	.4	.3	.3	.4	.3	.4	.3	.3	.3	.4	.3	.4	.3	.4	.4	.3	.4	.4	23	.6
13	BF	.4	.3	.4	.4	.7	1.1	1.0	.7	.5	.7	.6	.5	.5	.6	.6	.6	.6	.7	.8	.8	.7	.6	.9	23	1.1
14	BF	.6	.7	.6	.7	1.0	.9	1.5	3.1	2.0	1.5	1.4	1.3	1.3	1.1	1.2	1.2	.8	.6	.4	.4	.5	.4	.6	23	3.1
15	BF	1.4	1.7	1.5	1.1	.7	.5	.4	.4	.6	.8	1.4	1.5	1.2	.8	.6	.5	.4	.4	.4	.3	.5	.4	.4	23	1.7
16	BF	.4	.3	.3	.3	.3	.3	.3	.2	.3	.3	.4	.4	.4	.4	.3	.3	.4	.5	.4	.3	.4	.4	.3	23	.5
17	BF	.4	.3	.3	.3	.3	.3	.3	.6	1.1	1.1	1.2	1.0	.9	.9	.8	.7	.7	.7	.6	.6	.6	.7	.6	23	1.2
18	BF	.4	.4	.3	.3	.2	.3	.2	.3	.4	1.0	.7	.6	.7	.6	.5	.4	.4	.3	.4	.2	.4	.4	.4	23	1.0
19	BF	.5	.7	.5	.4	.5	.5	.5	.6	.5	.6	.6	.7	.5	.5	.6	.5	.5	.5	.5	.5	.5	.5	.5	23	.7
20	BF	.6	.6	.6	.6	.7	.6	.5	.6	.7	.7	.6	.8	.7	.7	.6	.8	1.0	1.0	1.2	1.1	1.2	1.1	1.3	23	1.3
21	BF	1.2	1.0	.8	.7	.7	.8	.7	.6	.6	.6	.6	.7	.9	1.0	1.2	1.2	1.3	1.2	.9	1.0	.8	.4	.3	23	1.3
22	BF	.4	.3	.3	.3	.3	.3	.3	.4	.3	.5	1.0	1.5	1.1	.9	.8	.7	.8	.7	.6	.6	.8	1.0	.9	23	1.5
23	BF	1.2	.8	.6	.6	.6	.8	.7	.9	.8	.6	.4	.5	.4	.4	.3	.3	.4	.3	.2	.2	.3	.2	.2	23	1.2
24	BF	.3	.2	.3	.1	.2	.3	.3	.2	.2	.2	.2	.3	.3	.5	.7	1.0	.8	.7	.8	.9	.7	.6	.5	23	1.0
25	BF	.4	.5	.3	.4	.4	1.2	1.4	1.5	1.9	.7	.6	.7	.4	.4	.6	.6	.5	.6	.4	.5	.4	.4	.6	23	1.9
26	BF	.6	.6	.7	.6	.5	.3	.4	.3	.4	.5	.6	.4	.4	.3	.3	.3	.3	1.1	.8	.6	.5	.6	1.2	23	1.2
27	BF	2.4	2.3	1.7	1.0	.8	.8	.7	.8	1.2	1.3	1.5	1.5	1.3	1.1	1.1	1.2	.9	.6	.5	.6	.9	1.0	1.1	23	2.4
28	BF	2.7	3.7	3.5	3.4	3.4	3.3	2.8	2.8	2.3	1.7	1.4	1.2	1.1	1.1	1.1	1.2	1.1	1.1	1.0	.9	.9	.5	.6	23	3.7
29	BF	.5	.5	.4	.3	.4	.4	.6	1.4	1.2	1.3	1.0	1.1	1.1	1.1	1.1	1.0	.8	.9	.9	.8	.9	1.0	1.0	23	1.4
30	BF	1.1	1.1	1.0	1.1	1.0	1.0	1.0	.5	.5	.6	.4	.3	.4	.4	.4	.4	.7	.8	.8	.6	.6	.7	.7	23	1.1
31	BF	.8	.8	.8	.8	.8	1.0	.9	.9	1.3	2.7	1.6	1.1	1.1	.9	.7	.7	.7	.6	.7	.8	.9	.8	.9	23	2.7
NO.:		31	31	29	30	31	30	30	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		2.7	3.7	3.5	3.4	3.4	3.3	2.8	3.1	2.3	2.7	1.6	1.5	1.5	1.5	1.6	1.5	1.6	1.6	2.0	1.8	1.3	1.2	1.3		
AVG:		.74	.73	.63	.57	.60	.65	.65	.75	.80	.77	.75	.76	.73	.70	.67	.67	.64	.63	.63	.61	.62	.59	.63		

MONTHLY OBSERVATIONS: 706 MONTHLY MEAN: .68 MONTHLY MAX: 3.7

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: 37-105-0002 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

CAS NUMBER: 7446-09-5
LATITUDE: 35.4325
LONGITUDE: -79.2887
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 131
PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2015

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	.9	1.1	1.0	1.0	.8	.8	1.1	1.4	1.5	1.3	1.4	1.0	.8	.7	1.0	1.1	1.1	.7	.7	.5	.5	.4	23	1.5
2	BF	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.4	.5	.4	.6	.9	1.0	1.3	1.4	1.6	1.3	1.4	1.4	23	1.6
3	BF	1.5	1.0	.8	.7	.6	.6	.5	BA	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	7	1.5
4	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	0	
5	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	0	
6	AK	AK	AK	AK	AK	AK	AK	AK	BA	BA	1.8	1.6	1.3	1.4	1.7	1.7	1.1	.9	.8	.9	.9	1.0	1.0	1.0	14	1.8
7	BF	1.1	1.3	1.3	.6	.8	1.0	1.4	1.7	1.9	1.6	1.8	1.6	1.2	.9	.8	.9	.8	.8	1.0	1.2	1.5	1.3	1.0	23	1.9
8	BF	1.1	1.1	1.3	1.4	1.0	1.1	1.2	1.1	.9	.8	.8	.6	.5	.6	.9	.9	1.0	.6	.6	.6	.7	.7	.7	23	1.4
9	BF	.8	.8	.9	.9	1.0	1.0	1.1	1.0	.8	.8	.8	.7	.8	.7	.5	.4	.4	.4	.3	.3	.4	.4	.4	23	1.1
10	BF	.5	.4	.4	.3	.4	.4	.4	.4	.7	.6	.5	.5	1.0	1.2	.6	.6	.9	.7	1.1	1.0	1.1	.8	.8	23	1.2
11	BF	1.7	1.5	1.6	.9	1.0	.9	1.4	1.8	1.2	.8	.6	.8	1.6	1.3	.7	.8	.8	.6	.9	.7	.7	.4	.6	23	1.8
12	BF	.5	.4	.5	.5	.4	.3	.3	.4	.7	1.0	1.4	1.4	1.3	1.1	.8	.4	.5	.7	.8	1.1	1.5	1.2	.9	23	1.5
13	BF	.7	.7	.7	.8	.9	1.1	1.0	.9	.9	.9	.8	.8	.8	.8	.8	.9	.8	.7	.6	.6	.6	.7	.7	23	1.1
14	BF	1.2	1.1	.9	.8	.7	1.0	1.1	1.3	1.2	1.0	.9	.6	.6	.5	.6	.7	.7	.6	.6	.6	.4	.5	.6	23	1.3
15	BF	.7	.8	.7	.8	.7	.7	.7	.9	1.0	1.1	1.2	1.0	1.1	1.0	1.0	1.0	.8	.9	.9	.9	1.0	1.1	1.1	23	1.2
16	BF	1.3	1.2	1.3	1.4	1.4	1.4	1.9	3.8	3.7	2.6	2.1	1.2	1.2	1.0	1.1	.9	.8	.8	.8	.5	.5	.4	.5	23	3.8
17	BF	.3	.4	.5	.6	.8	.9	1.2	3.0	1.6	1.1	1.2	1.3	1.0	.9	.9	.8	.6	.5	.5	.5	.3	.3	.4	23	3.0
18	BF	.4	.4	.4	.4	.4	.4	.4	.4	.6	.9	.4	.5	.5	.5	.5	.5	.5	.5	.5	.5	.6	.6	.7	23	.9
19	BF	.7	.8	.8	.8	.9	.9	.9	1.1	1.1	1.2	1.1	1.2	1.1	1.0	1.3	1.0	.9	.9	.9	1.1	1.5	1.4	1.5	23	1.5
20	BF	1.5	1.4	1.3	1.4	1.6	1.6	1.5	2.1	1.9	1.8	2.0	2.1	2.0	1.7	1.3	1.3	1.4	1.2	1.2	1.2	1.2	1.2	1.3	23	2.1
21	BF	1.3	1.2	1.1	1.1	1.3	1.4	1.3	1.2	1.2	1.3	1.1	1.1	.8	.8	.8	.8	.8	AE	.7	.7	.5	.5	.5	22	1.4
22	BF	.6	.6	.5	.5	.5	.5	.5	.5	.6	.6	.6	.7	.7	.6	.6	.5	.6	.5	.5	.4	.5	.5	.4	23	.7
23	BF	.6	.5	.5	.8	1.1	.7	.8	.8	AE	AE	AE	AE	AE	1.2	1.2	1.0	.9	AE	.8	.8	.7	.8	2.1	17	2.1
24	BF	2.3	2.0	1.9	1.8	1.8	1.6	1.2	1.1	1.0	1.0	1.0	.9	.7	.7	.8	.7	.7	.8	.6	.7	.5	.6	.4	23	2.3
25	BF	.4	.6	.6	.7	.7	.6	.5	.6	1.0	1.0	1.1	1.0	1.1	1.2	1.2	1.1	1.0	.9	.8	.6	.5	.5	.4	23	1.2
26	BF	.5	.4	.5	.5	.5	.6	.6	.6	.6	.6	.6	.7	.7	.8	1.3	1.2	1.4	1.3	1.0	.6	.7	.5	.4	23	1.4
27	BF	.5	.5	.5	.4	.5	.5	.5	.5	.5	1.5	2.7	3.0	2.6	2.1	2.0	2.0	2.0	1.8	1.8	2.0	2.3	2.5	1.8	23	3.0
28	BF	1.5	1.3	1.4	1.8	2.2	2.4	2.4	2.2	2.6	3.0	2.2	2.1	2.1	2.1	2.0	1.8	1.8	2.1	2.0	1.7	1.9	2.0	2.2	23	3.0
29																									0	
30																									0	
31																									0	
NO.:		25	25	25	25	25	25	25	24	23	24	24	24	24	25	25	25	25	23	25	25	25	25	25		
MAX:		2.3	2.0	1.9	1.8	2.2	2.4	2.4	3.8	3.7	3.0	2.7	3.0	2.6	2.1	2.0	2.0	2.0	2.1	2.0	2.0	2.3	2.5	2.2		
AVG:		.92	.87	.88	.85	.90	.91	.96	1.20	1.19	1.20	1.17	1.12	1.10	1.02	.99	.93	.92	.89	.88	.86	.90	.87	.89		

MONTHLY OBSERVATIONS: 566 MONTHLY MEAN: .97 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: 37-105-0002 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

CAS NUMBER: 7446-09-5
LATITUDE: 35.4325
LONGITUDE: -79.2887
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 131
PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2015

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	2.4	2.3	2.1	1.6	1.2	1.1	1.0	.7	.7	.5	.6	.5	.5	.5	.4	.5	.5	.5	.5	.5	.4	.5	.5	23	2.4
2	BF	.5	.4	.4	.4	.4	.5	.5	.5	.4	.4	.7	.8	1.1	.8	.7	.7	.5	.7	.7	.5	.8	.7	.6	23	1.1
3	BF	.6	.7	AE	AE	.7	.9	.8	BA	.8	.7	.6	.5	.5	.4	.4	.5	.3	.4	.3	.4	.4	.5	.4	20	.9
4	BF	.4	.4	.3	.4	.5	.5	.4	.4	.4	.5	.5	.6	.4	.5	.6	.5	.4	.5	.6	.6	.5	.6	.6	23	.6
5	BF	.8	.7	.6	.6	.6	.5	.5	.5	.5	.5	.5	.4	.4	.4	.5	.4	.5	AE	.4	AE	.6	.7	.7	21	.8
6	BF	.9	1.1	1.2	1.0	1.1	1.2	1.4	1.4	1.4	1.3	1.2	1.0	1.0	1.0	1.0	1.0	1.0	.8	AE	.8	.6	.6	.6	22	1.4
7	BF	.4	.4	.5	.4	.4	.4	.4	.6	1.2	1.4	1.4	1.1	1.2	.6	.8	.8	.8	.8	.8	.8	.7	.7	.8	23	1.4
8	BF	1.1	AE	1.1	.9	.8	.8	.9	.9	.8	.8	.8	.7	.6	.6	.6	.7	.8	.8	.8	.6	.7	.8	.9	22	1.1
9	BF	1.3	1.2	1.1	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.1	.8	.6	.7	.7	.7	.7	.8	.6	.7	.6	.6	.6	23	1.3
10	BF	1.1	1.1	1.0	.8	.7	.7	.7	.9	1.2	.8	.8	.8	.6	.6	.7	.7	.6	.6	.6	.5	.5	.6	.6	23	1.2
11	BF	.6	.5	.5	.6	.6	.5	.4	.6	.8	.8	.6	.7	.6	.6	.7	1.2	.8	.5	.4	.4	.4	.4	.4	23	1.2
12	BF	.5	.4	.4	.3	.4	.4	.4	.6	.7	.7	.7	.7	.7	.6	.7	.7	.8	.8	.7	.7	.7	.9	.8	23	.9
13	BF	.7	.7	.5	.6	.7	.6	.6	.6	.6	.7	.6	.6	.7	.7	.5	.5	.5	.8	.7	.5	.6	.6	.5	23	.8
14	BF	.5	.5	.4	.4	.4	.4	.4	.4	.4	.3	.4	.4	.4	.4	.4	.4	.4	.3	.4	.4	.4	.4	.4	23	.5
15	BF	.5	.5	.4	.4	.4	.4	.4	.5	.6	.6	.7	.6	.5	.5	.6	.5	.6	.5	.5	.5	.5	.5	.6	23	.7
16	BF	.5	.6	.5	.5	.5	.4	.5	.7	.8	.9	.8	.7	.6	.8	.6	.5	.4	.5	.9	.7	.7	.8	.6	23	.9
17	BF	.7	.8	.7	.6	.6	.5	.7	.8	.9	.9	.8	AE	AE	.7	.7	1.3	.9	.7	.7	.7	.6	.6	.7	21	1.3
18	BF	1.4	1.0	.9	1.0	.9	.8	.8	1.1	.8	.9	.9	1.2	.9	.7	.6	.7	.6	.6	.5	.6	.7	.8	.9	23	1.4
19	BF	1.0	.9	.8	.6	.5	.4	.4	.6	.6	.6	.7	.5	.5	.3	.4	.4	.4	.4	.4	.4	.4	.4	.5	23	1.0
20	BF	.4	.4	.5	.4	.4	.4	.5	.5	AZ	AZ	AZ	.5	.4	.6	.4	.4	.4	.4	.4	.4	.4	.4	.4	20	.6
21	BF	.5	.5	.4	.5	.5	.4	.5	.4	.4	.3	.4	.5	.6	.5	.6	.7	.6	.4	.6	.6	.6	.6	.5	23	.7
22	BF	.6	.7	.5	.5	.5	.3	.4	.5	.7	.8	1.3	1.6	1.9	1.6	1.4	1.4	1.3	1.1	1.1	1.0	.9	.8	.6	23	1.9
23	BF	.6	.5	.4	.5	.5	.7	.7	.8	1.0	1.0	1.1	.9	.9	.9	.9	1.0	1.1	1.0	.9	.9	.7	.7	.7	23	1.1
24	BF	.8	.7	.7	.7	.6	.6	.6	.6	.6	.7	.5	.6	.7	.6	.6	.7	.7	.7	.6	.6	.7	.6	.6	23	.8
25	BF	.7	.6	.5	.5	.5	.5	.6	.5	.6	.7	.7	.6	.5	.6	.6	.6	.6	.6	.5	.4	.5	.4	.3	23	.7
26	BF	.5	.5	.4	.4	.4	.5	.4	.4	.5	.4	.4	.4	.5	.5	.4	.5	.5	.6	.5	.5	.6	.5	.5	23	.6
27	BF	.6	.6	.6	.6	.4	.4	.5	.4	.4	.5	.3	.5	.5	.4	.4	.4	.4	.5	.5	.6	.4	.4	.4	23	.6
28	BF	.3	.3	.5	.8	.8	.8	1.0	1.0	1.1	1.1	.7	.7	.7	.7	.7	.6	.7	.6	.6	.6	.8	.9	.9	23	1.1
29	BF	1.0	1.1	1.0	1.0	.8	.8	1.1	1.6	1.3	1.2	1.0	1.0	.8	.9	.8	.7	.8	.7	.5	.6	.6	.6	.7	23	1.6
30	BF	.7	.7	.7	.7	.9	1.1	.9	.6	.6	.5	.4	.5	.5	.5	.6	.6	.6	.5	.5	.5	.5	.6	.5	23	1.1
31	BF	.6	.5	.5	.5	.6	.6	.7	1.2	.9	.8	.7	.8	.8	.8	.8	.6	.7	.6	.6	.6	.6	.6	.7	23	1.2
NO.:		31	30	30	30	31	31	31	30	30	30	30	30	30	31	31	31	31	30	30	30	31	31	31		
MAX:		2.4	2.3	2.1	1.6	1.2	1.2	1.4	1.6	1.4	1.4	1.4	1.6	1.9	1.6	1.4	1.4	1.3	1.1	1.1	1.0	.9	.9	.9		
AVG:		.75	.71	.67	.65	.63	.62	.65	.71	.76	.74	.73	.71	.69	.65	.64	.67	.64	.62	.59	.59	.58	.61	.60		

MONTHLY OBSERVATIONS: 701 MONTHLY MEAN: .66 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: 37-105-0002 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

CAS NUMBER: 7446-09-5
LATITUDE: 35.4325
LONGITUDE: -79.2887
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 131
PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2015

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	.7	.9	1.1	1.0	.8	1.0	1.2	1.2	1.1	1.0	1.0	1.0	.8	.8	.8	.8	.8	.7	.7	.7	.7	.8	23	1.2
2	BF	.7	.6	.6	.5	.5	.5	.4	.6	.7	.7	.7	.6	.7	.6	.5	.6	.7	.7	.7	.6	.7	.7	.8	23	.8
3	BF	.8	.7	.7	1.2	1.0	.8	.7	.6	.6	.6	.7	.6	.6	.6	.5	.5	.5	.6	.6	.6	.5	.6	.8	23	1.2
4	BF	.9	.7	.7	.5	.6	.6	.5	.7	.6	.7	.5	.6	.6	.5	.5	.4	.6	.7	.6	.6	.6	.6	.6	23	.9
5	BF	.6	.6	.6	.8	.8	.7	.9	.8	.7	.7	.6	.7	.6	.5	.5	.5	.6	.6	.5	.5	.5	.6	.6	23	.9
6	BF	.6	.6	.5	.6	.5	.5	.6	.7	.7	.7	.7	.5	.6	.5	.5	.5	.5	.5	.5	.6	.6	.6	.5	23	.7
7	BF	.6	.6	.5	.5	.5	.5	.4	.4	.5	.5	.7	.5	.5	.4	.5	.6	.6	.6	.4	.5	.5	.5	.5	23	.7
8	BF	.5	.4	.5	.6	.6	.4	.5	.6	.5	.6	.6	.5	.5	.6	.6	.5	.6	.6	.6	.5	.5	.4	.5	23	.6
9	BF	.5	.5	.5	.6	.5	.5	.5	.5	.6	.6	.7	.7	.9	.9	.8	.7	.6	.5	.5	.4	.5	.5	.5	23	.9
10	BF	.5	.5	.5	.5	.5	.6	.5	.6	.6	.7	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.4	.5	23	.7
11	BF	.5	.4	.6	.5	.6	.5	.6	.7	.7	.6	.7	.6	.6	.6	.7	.7	.8	.7	.8	.7	.6	.6	.6	23	.8
12	BF	.5	.4	.4	.5	.4	.6	.6	.8	.8	.7	.7	.7	.8	.8	.8	.9	.9	.8	.7	.6	.7	.6	.6	23	.9
13	BF	.5	.6	.4	.4	.4	.4	.5	.6	.6	.6	.6	.7	.6	.8	.8	.7	.6	.6	.5	.5	.4	.5	.5	23	.8
14	BF	.6	.5	.5	.5	.4	.5	.4	.5	.5	.4	.4	.4	.4	.5	.4	.4	.5	.5	.4	.4	.5	.4	.4	23	.6
15	AN	.3	.5	.4	.4	.5	.5	.5	.4	.5	.6	.6	.6	.6	.6	.6	.5	.5	.4	.3	.4	.4	.4	.5	23	.6
16	BF	.4	.5	.5	.5	.5	.5	.5	.5	.5	.5	.4	.5	.6	.5	.5	.5	.5	.5	.4	.4	.3	.4	.3	23	.6
17	BF	.4	.3	.4	.5	.4	.4	.4	.5	.4	.3	.4	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	23	.5
18	BF	.5	.4	.4	.4	.4	.4	.4	.7	.7	.7	.6	.5	.5	.5	.4	.5	.4	.4	.4	.5	.4	.5	.5	23	.7
19	BF	.4	.4	.4	.5	.4	.4	.4	.4	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.3	.4	.3	.3	.4	23	.5
20	BF	.4	.4	.3	.4	.3	.4	.4	.4	.4	.3	.4	.4	.4	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	23	.5
21	BF	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.6	.4	.6	.4	.5	.4	.4	.4	.5	.4	.4	.4	.4	23	.6
22	BF	.5	.4	.3	.4	.5	.5	.4	.6	.7	.6	.5	.5	.4	.5	.4	.4	.4	.5	.5	.6	.5	.6	.6	23	.7
23	BF	.7	.5	.5	.5	.6	.9	1.0	1.0	.9	.9	1.0	1.0	.8	.9	.9	.8	.8	.7	.6	.6	.7	.6	.7	23	1.0
24	BF	.6	.5	.4	.5	.7	1.0	1.1	1.4	1.3	1.1	.9	.9	.8	.7	.7	.6	.6	.6	.6	.6	.7	.7	.8	23	1.4
25	BF	.8	.7	.8	.7	.7	.6	.7	.7	.7	.5	.4	.5	.5	.6	.5	.5	.5	.5	.5	.5	.5	.5	.4	23	.8
26	BF	.5	.4	.5	.5	.4	.5	.4	.4	.3	.4	.4	.3	.4	.3	.4	.4	.5	.5	.5	.5	.4	.4	.3	23	.5
27	BF	.5	.4	.5	.5	.4	.5	.4	.4	.8	1.0	1.1	1.0	.9	.8	.7	.6	.5	.5	.5	.5	.7	.5	.5	23	1.1
28	BF	.4	.4	.4	.5	.5	.5	.5	.6	.6	.4	.5	.6	.5	.5	.5	.6	.8	.6	.6	.5	.5	.5	.6	23	.8
29	BF	.5	.5	.5	.5	.5	.6	.7	.7	.6	.6	.6	.7	BA	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	22	.7
30	BF	.5	.4	.4	.4	.4	.5	.5	.4	.4	.4	.5	.5	.5	.6	.6	.6	.6	.6	.5	.6	.5	.5	.5	23	.6
31																									0	
NO.:		30	30	30	30	30	30	30	30	30	30	30	30	29	30	30	30	30	30	30	30	30	30	30		
MAX:		.9	.7	.9	1.2	1.0	1.0	1.1	1.4	1.3	1.1	1.1	1.0	1.0	.9	.9	.9	.9	.8	.8	.7	.7	.7	.8		
AVG:		.54	.50	.50	.55	.53	.55	.56	.63	.64	.62	.62	.60	.59	.58	.57	.55	.57	.55	.52	.52	.51	.51	.54		

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .56 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: 37-105-0002 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

CAS NUMBER: 7446-09-5
LATITUDE: 35.4325
LONGITUDE: -79.2887
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 131
PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2015

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	.5	.5	.5	.5	.5	.4	.4	.4	.5	.4	.6	.7	.5	.6	.4	.5	.6	.6	.5	.5	.5	.5	23	.7
2	BF	.5	.4	.4	.6	.5	.5	.4	.6	1.1	1.3	1.2	.9	.8	.8	.7	.7	.6	.7	.6	.6	.4	.5	.5	23	1.3
3	BF	.5	.5	.5	.6	.6	.6	.5	.5	.7	.7	.6	.6	.7	.7	.6	.6	.6	.6	.7	.6	.7	.6	.6	23	.7
4	BF	.7	.7	.6	.5	.5	.5	.9	1.1	.9	.8	.8	.8	.8	.7	.8	.7	.7	.7	.7	.8	.7	.6	.7	23	1.1
5	BF	.6	.7	.6	.5	.5	.6	.6	.6	.6	.6	.7	.6	.6	.6	1.1	1.2	1.0	1.0	.9	.8	.8	.9	.8	23	1.2
6	BF	.7	.6	.5	.5	.6	.5	.5	.7	.6	.7	.8	.7	.7	.7	.8	.7	.7	.6	.6	.6	.5	.6	.6	23	.8
7	BF	.5	.5	.5	.5	.6	.7	.8	.7	.7	.6	.6	.7	.6	.5	.5	.6	.6	.6	.6	.6	.5	.6	.6	23	.8
8	BF	.5	.6	.5	.6	.4	.6	.7	.6	.5	.6	.6	.7	.6	.5	.5	.5	.5	.6	.6	.5	.6	.6	.6	23	.7
9	BF	.5	.5	.4	.5	.5	.5	.4	.6	.6	.5	.6	.5	.5	.5	.6	.4	.5	.5	.6	.5	.5	.5	.5	23	.6
10	BF	.5	.6	.6	.5	.6	.6	.6	.5	.6	.5	.6	.5	.5	.6	.4	.4	.5	.5	.5	.5	.5	.5	.5	23	.6
11	BF	.5	.6	.6	.5	.5	.6	.4	.4	.6	.5	.6	.6	.6	.6	.6	.5	.5	.6	.4	.5	.5	.7	.8	23	.8
12	BF	.6	.5	.6	.6	.5	.6	.7	.6	.7	.7	.9	.9	.7	.7	.7	.6	.7	.6	.5	.6	.6	.7	.7	23	.9
13	BF	.7	.7	.6	.7	.7	.7	.7	1.1	1.3	1.5	1.3	1.3	1.1	.9	.8	.7	.7	.7	.8	.6	.5	.7	.6	23	1.5
14	BF	.8	.7	.7	.6	.6	.8	.8	.9	1.0	.7	.7	.7	.7	.6	.7	.7	.7	.7	.6	.7	.5	.5	.5	23	1.0
15	BF	.6	.5	.6	.6	.6	.6	.5	.5	.6	.6	.6	.6	.6	.5	.6	.6	.6	.6	.6	.6	.6	.6	.6	23	.6
16	BF	.6	.6	.5	.5	.5	.9	.9	.9	.8	.7	.7	.5	.6	.6	.6	.6	.6	.6	.6	.7	.6	.6	.6	23	.9
17	BF	.7	.7	.7	.5	.6	.6	.9	.7	.7	.7	.7	.7	.6	.6	.5	.6	.6	.5	.6	.5	.6	.5	.7	23	.9
18	BF	.7	.7	.7	.6	.6	.6	.8	.7	.6	.7	.6	.7	.7	.6	.7	.6	.6	.6	.5	.5	.5	.5	.4	23	.8
19	BF	.5	.4	.4	.5	.5	.5	.6	.6	.6	.9	.8	.7	.6	.5	.4	.4	.5	.5	.5	.4	.4	.5	.6	23	.9
20	BF	.5	.5	.5	.4	.5	.5	.5	.6	.7	.6	.7	.6	.6	.7	.6	.5	.6	.6	.5	.6	.6	.7	.5	23	.7
21	BF	.6	.5	.5	.6	.5	.4	.6	.6	.6	.7	.6	.6	.5	.5	.5	.5	.5	.5	.5	.7	.8	.7	.6	23	.8
22	BF	.9	.6	.6	.6	.6	.6	.7	.6	.6	.7	.6	BA	.6	.7	.6	.6	.7	.7	.6	.6	.5	.6	.5	22	.9
23	BF	.5	.5	.6	.5	.5	.6	.5	1.0	1.0	.8	.9	.9	.8	.7	.7	.7	.7	.7	.7	.6	.7	.8	.6	23	1.0
24	BF	.7	.6	.6	.6	.6	.5	.7	.8	.8	.8	.7	.6	.6	.7	.7	.6	.5	.6	.7	.6	.7	.6	.6	23	.8
25	BF	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.7	.6	.6	.6	.7	.6	.6	.6	.7	.6	.6	.6	23	.7
26	BF	.6	.6	.6	.5	.5	.5	.8	.8	.7	.7	.7	.6	.6	.6	.6	.6	.6	.8	.6	.8	.8	.9	.7	23	.9
27	BF	.6	.6	.6	.6	.5	.6	.7	.6	.6	.6	.6	.7	.6	.6	.5	.5	.7	.6	.5	.5	.6	.6	.7	23	.7
28	BF	.6	.7	.7	.6	.6	.5	.5	.7	.7	.7	.6	.7	.6	.6	.6	.5	.6	.6	.7	.6	.6	.6	.6	23	.7
29	BF	.7	.7	.7	.6	.5	.6	.9	.9	.9	.8	.8	.7	.6	.6	.7	.7	.6	.7	.8	.8	.7	.7	.8	23	.9
30	BF	.7	.7	.6	.7	.6	.6	.8	1.0	.6	.7	.7	.6	.6	.6	.6	.6	.6	.6	.6	.7	.7	.8	.7	23	1.0
31	BF	.7	.6	.6	.6	.6	.7	.7	.7	.7	.7	.6	.6	.6	.7	.7	.7	.6	.7	.6	.6	.7	.7	.7	23	.7
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	.7	.7	.7	.7	.9	.9	1.1	1.3	1.5	1.3	1.3	1.1	.9	1.1	1.2	1.0	1.0	.9	.8	.8	.9	.8		
AVG:		.61	.59	.57	.56	.55	.59	.65	.70	.71	.72	.71	.69	.65	.62	.63	.60	.61	.63	.61	.61	.60	.63	.61		

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .63 MONTHLY MAX: 1.5

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: 37-105-0002 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

CAS NUMBER: 7446-09-5
LATITUDE: 35.4325
LONGITUDE: -79.2887
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 131
PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2015

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	.6	.7	.7	.7	.8	.8	.9	.8	.7	.7	.6	.7	.6	.6	.6	.5	.6	.6	.6	.7	.6	.6	23	.9
2	BF	.7	.6	.6	.6	.7	.6	.6	.6	.7	.7	.6	.5	.6	.6	.7	.6	.6	.6	.5	.6	.6	.6	.5	23	.7
3	BF	.6	.6	.7	.6	.7	.6	.6	.7	.7	.7	.8	.6	.7	.7	.7	.7	.6	.6	.5	.6	.5	.6	.5	23	.8
4	BF	.7	.6	.6	.6	.6	.5	.6	.6	.6	.6	.6	.6	.7	.6	.6	.6	.6	.5	.5	.6	.5	.5	.5	23	.7
5	BF	.6	.5	.6	.6	.7	.7	.7	.7	.6	.6	.6	.5	.6	.5	.5	.5	.6	.6	.5	.6	.5	.6	.6	23	.7
6	BF	.6	.6	.5	.6	.7	.6	.6	.6	.9	1.1	1.0	.8	.8	.7	.8	1.3	1.3	.8	.8	.7	.7	.6	.6	23	1.3
7	BF	.8	.6	.6	.6	.5	.6	.6	.7	.7	.7	.7	.7	.8	.8	.7	.6	.6	.7	.7	.7	.7	.7	.7	23	.8
8	BF	.7	.6	.7	.6	.6	.6	.7	.8	.7	.7	.7	.7	.6	.7	.7	.6	.7	.7	.6	.6	.8	.9	.8	23	.9
9	BF	.9	.6	.6	.6	.6	.7	.7	.6	.7	.6	.6	.6	.6	.6	.6	.6	.7	.7	.6	.7	.6	.6	.6	23	.9
10	BF	.7	.7	.6	.6	.6	.6	.7	.6	.7	.7	.7	.7	.7	.7	.6	.7	.7	.7	.7	.6	.7	.8	.7	23	.8
11	BF	.7	.7	.7	.7	.6	.7	.8	.8	.7	BL	BL	BL	BL	.8	.7	.7	.7	.9	.8	.9	1.2	.8	.8	19	1.2
12	BF	.8	.6	.6	.6	.7	.7	.7	.8	BA	BA	.6	.6	.7	.6	.6	.6	.6	.6	.7	.6	.6	.6	.7	21	.8
13	BF	.9	.8	.7	.6	.7	.8	.7	.8	.8	.8	.7	.7	.6	.6	.6	.7	.7	.6	.6	.6	.6	.7	.6	23	.9
14	BF	.7	.7	.6	.6	.6	.6	.7	.8	.6	.7	.7	.6	.7	.7	.7	.7	.6	.6	.6	.6	.6	.7	.7	23	.8
15	BF	.7	.7	.8	.8	.8	1.1	.8	.8	.9	1.0	.9	1.0	.9	.8	.7	.8	.7	.8	.8	.7	.8	.7	.7	23	1.1
16	BF	.9	1.0	1.0	1.0	1.4	1.4	1.1	.8	.8	.8	.7	.8	.7	.7	.7	.9	.7	.8	.7	.8	.8	.8	.8	23	1.4
17	BF	.8	.7	.7	.6	.6	.7	1.4	1.4	1.2	1.0	1.0	1.0	1.0	.8	.8	.8	.8	.8	.7	.9	.8	.7	.6	23	1.4
18	AN	.7	.7	.6	.6	.6	.7	.6	.6	.6	.7	.6	.7	BA	.7	.7	.6	.8	.7	.7	.6	.7	.6	.7	22	.8
19	BF	.8	.7	.6	.6	.6	.7	.7	.7	.6	.6	.6	.7	.7	.7	.7	.7	.7	.7	.6	.7	.6	.7	.7	23	.8
20	BF	.7	.6	.6	.7	.6	.7	.7	.7	.8	.6	.6	.8	.6	.6	.6	.6	.8	.7	.7	.6	.7	.7	.7	23	.8
21	BF	.8	.8	.7	.7	.7	.8	.9	.8	.8	.7	.7	.7	.7	.7	.7	.6	.7	.7	.7	.8	.7	.7	.6	23	.9
22	BF	.7	.7	.8	.6	.7	.7	.8	1.2	1.0	.9	.8	.9	.8	.9	.7	.8	.8	.8	.7	.7	.7	.7	.8	23	1.2
23	BF	.8	.8	.8	.7	.8	.8	.9	1.1	1.3	1.0	.8	.8	.7	.7	.8	.7	.7	.7	.7	.6	.7	.7	.7	23	1.3
24	BF	.9	.7	.7	.7	.7	.8	.8	.8	.8	.7	.8	.8	.8	.8	.8	.8	.8	.8	.8	.9	1.2	1.0	.8	23	1.2
25	BF	1.0	.9	.7	.7	.7	.6	.7	.7	.7	.7	.7	.8	.7	.7	.7	.7	.7	.8	.7	.7	.6	.7	.7	23	1.0
26	BF	.7	.7	.7	.7	.6	.7	.7	.7	.7	.7	.7	.7	.7	.6	.7	.8	.7	.7	.7	.7	.7	.7	.6	23	.8
27	BF	.8	.7	.6	.7	.7	.7	.7	.7	.7	.8	.7	.7	.7	.7	.6	.6	.6	.6	.6	.7	.7	.7	.6	23	.8
28	BF	.8	.7	.7	.7	.7	.7	.8	.7	.7	.8	.7	.7	.7	.7	.6	.7	.7	.7	.7	.7	.7	.7	.6	23	.8
29	BF	.6	.7	.7	.7	.7	.7	1.0	1.0	.8	.8	.8	.8	.7	.9	.8	.8	.7	.6	.7	.8	.8	.8	.8	23	1.0
30	BF	.9	.8	.8	.8	.8	.8	.8	.9	.9	.9	.8	.8	.8	.8	1.1	.9	.9	.5	.7	.6	.8	.7	.6	23	1.1
31																									0	
NO.:		30	30	30	30	30	30	30	30	29	28	29	29	28	30	30	30	30	30	30	30	30	30	30		
MAX:		1.0	1.0	1.0	1.0	1.4	1.4	1.4	1.4	1.3	1.1	1.0	1.0	1.0	.9	1.1	1.3	1.3	.9	.8	.9	1.2	1.0	.8		
AVG:		.76	.69	.68	.66	.69	.72	.76	.79	.78	.76	.72	.72	.71	.70	.69	.71	.71	.69	.66	.68	.71	.70	.66		

MONTHLY OBSERVATIONS: 683 MONTHLY MEAN: .71 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: 37-105-0002 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

CAS NUMBER: 7446-09-5
LATITUDE: 35.4325
LONGITUDE: -79.2887
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 131
PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2015

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	.8	.8	.7	.6	.7	.7	.7	.7	.7	.7	.7	.7	.6	.7	.7	.8	.7	.8	.7	.8	.7	.7	23	.8
2	BF	.9	.9	.8	.8	.8	.8	.8	.8	.7	.8	.8	.9	.9	.8	.7	.8	.8	.7	.7	.6	.7	.7	.7	23	.9
3	BF	.8	.6	.7	.6	.6	.6	.6	.7	.6	.7	.7	.7	.7	.7	.6	.8	.7	.6	.7	.6	.7	.7	.7	23	.8
4	BF	.7	.7	.7	.7	.6	.8	.9	.9	.9	.7	.7	.7	.8	.7	.8	.7	.8	.8	.8	.6	.7	.7	.8	23	.9
5	BF	.7	.8	.7	.7	.7	.7	.8	.8	.8	.8	.8	.7	.8	.7	.7	.6	.7	.7	.7	.7	.8	.6	.6	23	.8
6	BF	.7	.7	.6	.6	.6	.7	.8	.8	.7	.9	.9	.9	.8	.8	.8	.7	.7	.7	.8	.8	.7	.8	.7	23	.9
7	BF	.8	.7	.7	.7	.7	.7	.7	.8	.7	.8	.6	.8	.8	.8	.7	.7	.8	.7	.8	.7	.7	.8	.9	23	.9
8	BF	.8	.8	.8	.9	.8	.8	.9	.9	.9	.8	.8	.7	.8	.8	.8	.8	.8	.7	.7	.7	.7	.6	.7	23	.9
9	BF	.7	.7	.8	.7	.7	.8	.9	.8	.8	.9	.7	.9	.9	.9	1.0	.9	.9	.8	.8	.8	.8	.8	.8	23	1.0
10	BF	.8	.8	.8	.7	.7	.8	.9	1.0	1.0	.9	.9	.9	.8	.8	.8	.7	.8	.7	.8	.9	.9	.7	.7	23	1.0
11	BF	.8	.7	.7	.7	.7	.7	.8	.9	.8	.8	.8	.8	.8	1.0	.9	.8	.7	.9	1.1	.8	.8	.7	.8	23	1.1
12	BF	.8	.7	.7	.6	.7	.7	.8	1.0	.9	.9	.9	.8	.9	.8	.9	.8	.8	.8	.8	.8	.8	.9	.8	23	1.0
13	BF	.8	.7	.7	.7	.9	.8	.7	.8	.9	.9	.9	.8	.8	.9	.9	1.0	1.0	.9	.9	.9	.8	.7	.7	23	1.0
14	BF	.9	.7	.7	.7	.7	.8	.8	.9	1.1	1.0	1.0	.8	.8	.8	.8	.8	.9	.9	.9	.9	.9	1.0	.9	23	1.1
15	BF	1.1	.9	.9	.8	.9	.8	1.0	1.0	.8	.8	.9	.8	.9	.9	1.0	.9	.9	.9	.9	.9	.9	1.0	.9	23	1.1
16	BF	.9	.9	.8	.8	.8	1.0	1.0	1.1	1.1	1.0	1.1	1.1	1.2	1.4	1.4	1.3	1.4	1.3	1.2	1.1	1.1	1.0	1.0	23	1.4
17	BF	1.0	1.0	1.0	1.0	.9	1.0	1.2	1.2	1.1	1.0	.8	.8	.9	.9	.9	.9	.9	1.0	1.0	1.0	1.1	1.0	1.2	23	1.2
18	BF	1.2	1.1	1.0	1.0	1.0	1.1	1.1	1.1	1.0	1.1	1.1	1.2	1.0	.9	1.0	1.0	1.0	1.1	1.1	1.0	1.1	1.0	.9	23	1.2
19	BF	1.0	.9	.9	.9	.9	.8	1.0	1.4	1.3	1.3	1.1	1.1	1.1	1.0	1.1	1.0	.9	.9	.9	.9	.9	.9	.9	23	1.4
20	BF	1.1	.9	.9	.9	1.1	1.1	1.2	1.2	1.1	1.0	.9	.9	.9	1.0	.9	1.1	.9	1.0	1.1	1.2	1.1	1.0	1.0	23	1.2
21	BF	.9	.9	.8	1.0	1.0	1.2	1.6	1.6	1.3	1.2	.9	.9	1.0	1.0	1.0	.9	1.0	.8	1.0	1.0	1.0	1.0	1.0	23	1.6
22	BF	1.1	.9	1.0	1.0	1.0	1.0	1.1	1.3	1.4	1.6	1.5	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.2	1.2	1.2	23	1.6
23	BF	1.3	1.3	1.2	1.3	1.1	1.0	1.0	1.1	1.1	1.1	1.2	.9	1.1	1.1	1.0	1.0	.9	.9	.9	1.0	1.0	.9	1.0	23	1.3
24	BF	1.1	1.0	1.0	1.0	.9	1.0	1.1	1.1	1.1	1.2	1.2	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.3	3.4	3.2	2.3	5.3	23	5.3
25	BF	1.9	1.6	1.5	1.5	2.7	2.2	1.8	1.7	1.5	1.5	1.6	1.6	1.6	1.4	1.6	1.5	1.5	1.4	2.6	2.0	1.8	1.7	1.9	23	2.7
26	BF	1.5	1.4	1.7	1.8	1.4	1.7	1.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.1	1.3	1.3	1.3	1.4	1.3	1.3	1.3	23	1.8
27	BF	1.1	1.1	1.1	1.2	1.1	1.2	1.1	1.2	1.1	1.0	1.2	1.2	1.2	1.3	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.0	1.0	23	1.3
28	BF	1.0	1.0	1.0	1.1	1.0	1.0	1.1	1.1	1.2	1.1	1.1	1.1	1.0	1.1	1.3	1.1	1.2	1.2	1.1	1.3	1.3	1.5	1.2	23	1.5
29	BF	1.2	1.2	1.2	1.1	1.1	1.2	1.0	1.1	1.1	1.1	1.0	1.1	1.0	1.2	1.1	1.4	1.4	1.3	1.3	1.3	1.2	1.3	1.3	23	1.4
30	BF	1.2	1.2	1.1	1.2	1.1	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.2	1.1	1.1	1.2	1.3	1.4	1.4	1.4	23	1.4
31	BF	1.2	1.3	1.4	1.6	1.6	1.5	1.5	1.9	2.5	2.0	1.9	1.8	1.9	1.7	1.8	2.1	2.2	1.6	1.5	1.4	1.4	1.5	1.4	23	2.5
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:		1.9	1.6	1.7	1.8	2.7	2.2	1.8	1.9	2.5	2.0	1.9	1.8	1.9	1.7	1.8	2.1	2.2	1.6	2.6	3.4	3.2	2.3	5.3		
AVG:		.99	.93	.93	.94	.95	.98	1.03	1.08	1.05	1.04	1.01	.98	.99	.99	1.00	.99	1.01	.96	1.03	1.05	1.06	1.01	1.11		

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: 1.00 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: 37-105-0002 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

CAS NUMBER: 7446-09-5
LATITUDE: 35.4325
LONGITUDE: -79.2887
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 131
PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2015

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	1.4	1.3	1.2	1.1	1.2	1.2	1.4	1.5	1.6	1.6	1.4	1.3	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.4	1.2	1.2	1.1	23	1.6
2	BF	1.2	1.2	1.3	1.3	1.1	1.3	1.6	1.8	1.7	1.5	1.2	1.2	1.3	1.2	1.2	1.3	1.3	1.3	1.2	1.3	1.3	1.5	1.6	23	1.8
3	BF	1.3	1.4	1.2	1.0	1.1	1.3	1.3	1.1	1.1	1.2	1.2	1.3	1.1	1.2	1.2	1.2	1.4	1.4	1.3	1.1	1.0	1.1	1.1	23	1.4
4	BF	1.2	1.1	1.0	1.0	1.0	1.0	1.2	1.0	1.0	.9	.9	1.0	1.0	1.0	1.1	1.1	1.0	.9	1.0	1.1	.9	1.0	1.0	23	1.2
5	BF	1.1	1.0	1.1	1.0	1.0	1.2	1.4	1.6	1.5	1.5	1.4	1.3	1.2	1.3	1.4	1.3	1.3	1.2	1.4	1.4	1.4	1.4	1.4	23	1.6
6	BF	1.5	1.5	1.4	1.5	1.5	1.4	1.5	1.4	1.3	1.3	1.3	1.2	1.1	1.2	1.1	.9	.9	1.0	1.0	1.0	1.0	1.0	1.0	23	1.5
7	BF	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.2	1.1	1.0	1.1	1.1	1.2	1.0	1.0	1.0	1.0	1.3	1.4	1.0	1.1	1.1	23	1.4
8	BF	1.1	1.0	1.0	1.1	1.0	1.1	1.2	1.2	1.2	1.3	1.1	1.3	1.1	1.1	1.1	1.0	1.1	1.2	1.2	1.1	1.2	1.1	1.1	23	1.3
9	BF	1.2	1.1	1.2	1.1	1.1	1.2	1.2	1.1	1.0	.9	1.0	1.1	1.0	1.0	1.0	1.0	1.2	1.2	1.2	1.2	1.3	1.2	1.3	23	1.3
10	BF	1.2	1.2	1.3	1.2	1.0	1.2	1.4	1.5	1.3	1.2	1.1	1.2	1.2	1.0	1.0	1.0	1.2	1.0	.9	.9	.8	.9	.9	23	1.5
11	BF	1.2	1.2	1.2	1.2	1.0	.9	1.0	.9	.9	.8	.8	.7	.9	.8	.9	.9	.9	.9	.9	.8	.9	.8	.8	23	1.2
12	BF	.9	.8	.8	.8	.8	.9	.8	.9	1.1	1.2	1.3	1.2	1.0	.9	.9	1.0	1.0	.9	.9	.9	.8	.9	.8	23	1.3
13	BF	1.0	.9	.9	.9	.8	.9	.9	1.1	1.3	1.1	1.2	1.4	1.4	1.3	1.2	1.1	1.1	1.0	.9	1.0	1.0	.9	1.0	23	1.4
14	BF	1.0	.8	.9	1.0	.9	.9	.9	1.1	1.3	1.1	1.1	1.0	1.0	1.0	1.0	.9	.9	1.0	.9	.9	.9	.9	.8	23	1.3
15	BF	1.1	.9	.9	.8	.8	.9	1.0	1.4	1.3	1.1	1.1	.9	.9	.9	1.0	.9	.9	.9	.9	.9	.9	.9	.9	23	1.4
16	BF	1.0	.9	1.0	1.0	1.0	.9	1.1	1.4	1.3	1.3	1.2	1.1	1.0	1.0	1.0	.9	1.0	1.0	1.0	.9	.9	.9	1.1	23	1.4
17	BF	1.2	1.0	1.1	1.1	1.1	1.1	1.3	1.1	1.1	1.2	1.1	1.1	1.0	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	23	1.3
18	BF	1.2	1.1	1.0	.9	.9	.9	1.0	.9	.9	1.0	1.0	1.0	1.0	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	23	1.2
19	BF	1.0	1.0	.9	.8	.9	.8	.9	.9	1.0	1.0	.8	.8	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	23	1.0
20	BF	1.0	.9	.9	.8	.8	1.0	.8	.9	1.0	.9	.9	.9	1.0	.9	.9	1.0	1.0	1.0	.8	.9	.8	.9	.9	23	1.0
21	BF	1.0	.9	.9	1.0	.9	.9	1.0	1.0	1.1	1.1	1.1	1.1	1.0	1.1	1.0	1.1	1.0	1.1	1.1	1.0	1.1	1.0	1.0	23	1.1
22	BF	1.0	1.0	1.0	1.0	.9	1.0	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.1	1.2	1.1	1.1	1.0	1.1	1.0	1.0	1.0	1.0	23	1.3
23	BF	1.0	.8	.9	.9	1.0	.9	.9	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.1	1.0	1.1	1.1	1.0	1.1	1.1	23	1.1
24	BF	1.2	1.0	.9	1.0	.9	.9	1.0	1.0	1.0	1.0	1.0	1.0	.9	.9	.9	1.0	.9	1.0	.9	.9	.9	.9	1.0	23	1.2
25	BF	1.0	.9	.9	.9	.9	.9	.9	1.0	1.2	1.6	1.7	1.7	1.6	1.6	1.3	1.3	1.4	1.2	1.1	1.1	1.0	1.2	1.2	23	1.7
26	BF	2.0	1.7	1.4	1.1	1.2	1.1	1.2	1.4	1.4	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.4	1.7	1.4	1.4	1.3	1.2	1.2	23	2.0
27	BF	1.1	1.1	1.0	1.1	1.2	1.2	1.4	1.3	1.3	1.3	1.3	1.2	1.2	1.0	1.2	1.0	1.0	1.1	1.1	1.1	.9	1.0	1.0	23	1.4
28	BF	1.0	1.0	.9	.9	.9	1.0	1.0	1.1	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.0	.8	23	1.2
29	BF	.9	.9	.8	.9	1.0	.9	.9	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.0	.9	.9	1.0	1.0	1.0	1.0	1.0	23	1.1
30	BF	1.1	1.0	1.0	.9	1.0	.9	.9	1.0	1.2	1.3	1.3	1.1	1.0	1.1	1.1	1.2	1.1	1.0	1.0	1.0	.9	.9	.9	23	1.3
31	BF	1.0	1.0	1.0	.9	1.0	.9	.9	1.0	.9	.9	.9	.9	.9	.9	.9	1.0	.8	.8	.9	.9	.9	1.0	.9	23	1.0
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:		2.0	1.7	1.4	1.5	1.5	1.4	1.6	1.8	1.7	1.6	1.7	1.7	1.6	1.6	1.4	1.3	1.4	1.7	1.4	1.4	1.4	1.5	1.6		
AVG:		1.14	1.05	1.03	1.01	1.00	1.02	1.10	1.16	1.18	1.16	1.13	1.12	1.09	1.07	1.06	1.05	1.06	1.06	1.05	1.05	1.00	1.03	1.03		

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: 1.07 MONTHLY MAX: 2.0

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

(42401) Sulfur dioxide

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

CAS NUMBER: 7446-09-5
LATITUDE: 35.4325
LONGITUDE: -79.2887
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 131
PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2015

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	.9	1.0	.9	.9	.9	1.0	.9	1.1	1.4	1.2	1.1	1.0	1.1	1.0	1.0	1.0	1.0	1.0	.9	1.0	1.0	.9	23	1.4
2	BF	1.0	1.0	.9	1.0	1.0	.9	1.0	1.2	BA	BA	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.0	1.0	1.1	1.0	1.0	.9	21	1.2
3	BF	1.0	.9	.9	.9	1.0	1.0	.8	.9	1.1	1.0	1.1	1.1	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.0	1.0	23	1.3
4	BF	.9	1.0	1.0	.9	1.0	.9	1.1	1.0	1.1	1.6	2.1	1.6	1.4	1.2	1.1	1.0	1.0	1.0	1.0	.9	1.0	.9	1.0	23	2.1
5	BF	1.0	.9	.9	.9	1.0	.9	.9	.9	1.0	1.0	1.0	.9	.9	1.0	1.0	.9	.9	1.0	.9	.9	.9	.9	.8	23	1.0
6	BF	1.0	.9	.9	.8	1.0	.9	.9	1.0	1.1	1.1	.9	1.0	.9	.9	1.0	.9	.9	.9	.9	1.0	.9	.9	1.0	23	1.1
7	BF	1.0	.9	.9	.9	.9	1.0	1.0	.9	.9	.9	1.0	.9	1.0	.9	.9	.9	.9	.9	.9	1.0	.9	.9	.9	23	1.0
8	BF	.9	.9	.8	.9	.9	.9	1.0	.9	.9	.9	.9	.9	1.0	.9	1.0	.8	1.0	1.0	1.0	.9	.9	.9	.8	23	1.0
9	BF	1.1	.9	.9	1.0	.9	1.0	.9	1.0	1.0	.9	1.0	1.0	.9	.9	.9	.9	1.0	.9	.9	.9	1.0	.9	.9	23	1.1
10	BF	1.0	.9	.9	1.0	.8	.9	.9	.9	1.7	.9	.9	.9	.9	.9	.9	.9	1.0	.9	.8	1.0	1.0	1.1	1.1	23	1.7
11	BF	1.1	1.0	.9	.9	.9	.9	.9	1.0	1.2	1.3	1.2	1.2	1.0	1.1	1.0	1.0	.9	.9	.9	.9	.9	.9	.9	23	1.3
12	BF	1.0	.9	.9	1.0	1.0	.9	.9	1.0	1.0	.9	.9	.9	.9	.9	.9	1.0	1.0	1.0	.9	1.0	.8	1.0	.9	23	1.0
13	BF	1.1	.9	1.0	1.0	.9	.9	1.3	1.8	1.2	1.1	1.1	1.3	1.0	.9	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.0	23	1.8
14	BF	1.0	.9	.9	1.0	1.0	1.0	1.0	1.0	1.2	1.3	1.4	1.4	1.4	1.3	1.2	1.0	1.1	1.1	1.0	1.1	1.0	1.2	1.1	23	1.4
15	BF	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.1	1.3	1.3	1.3	1.3	1.3	1.1	1.2	1.2	1.1	1.1	1.0	1.0	1.0	23	1.3
16	BF	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.5	1.5	1.4	1.3	1.2	1.2	1.2	1.1	1.0	1.1	1.2	1.1	1.0	1.0	1.0	23	1.5
17	BF	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.2	1.3	1.2	1.1	1.1	1.2	1.1	1.2	1.2	1.1	1.0	1.0	1.0	1.1	1.0	1.0	23	1.3
18	BF	1.0	.9	1.0	1.0	1.1	1.0	1.1	1.1	1.2	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.1	1.1	1.0	1.0	23	1.3
19	BF	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.2	1.3	1.2	1.0	1.1	1.1	1.0	1.1	1.0	1.1	1.0	1.0	1.0	1.0	1.1	1.0	23	1.3
20	BF	1.1	1.0	1.1	1.1	1.1	1.1	1.0	1.1	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.4	1.2	1.1	1.3	1.2	1.2	1.1	1.1	23	1.4
21	BF	1.2	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.2	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.3	1.1	23	1.3
22	BF	1.1	1.0	1.1	1.0	1.0	1.0	1.1	1.0	1.0	1.1	1.0	1.0	1.1	1.0	1.0	1.1	1.1	1.1	1.2	1.3	1.4	1.4	1.2	23	1.4
23	BF	1.2	1.0	1.1	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.0	1.2	1.2	BA	1.1	1.2	1.2	1.1	1.0	1.0	1.1	1.3	1.3	22	1.3
24	BF	1.3	1.2	1.0	1.1	1.2	1.2	1.2	1.2	1.1	1.0	1.3	1.2	1.0	1.0	1.0	1.1	1.0	1.0	1.1	1.0	1.0	1.0	1.0	23	1.3
25	BF	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.9	1.0	1.0	1.1	1.0	.9	1.0	1.0	1.0	1.0	1.0	1.0	1.1	.9	1.0	23	1.1
26	BF	1.0	1.0	1.1	.9	1.0	1.0	1.0	1.1	1.0	1.0	1.0	.9	1.0	.9	1.0	1.0	1.0	1.0	.9	.9	.9	.9	1.0	23	1.1
27	BF	1.0	.9	1.0	1.0	1.0	1.0	1.0	1.0	1.1	.9	1.0	1.0	1.0	1.0	.9	1.0	.9	1.0	.9	1.0	.9	1.0	1.0	23	1.1
28	BF	1.0	1.0	.9	.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.9	.9	.9	.9	1.0	1.0	.9	1.0	1.0	1.0	.9	23	1.0
29	BF	1.0	.9	1.0	1.0	1.0	.9	.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.9	1.0	23	1.0
30	BF	1.0	1.1	1.0	1.0	1.0	1.0	1.0	.9	1.0	1.0	1.0	1.0	1.0	.9	.9	1.0	.9	1.1	1.0	1.0	1.0	1.0	1.0	23	1.1
31																									0	
NO.:		30	30	30	30	30	30	30	30	29	29	30	30	30	29	30	30	30	30	30	30	30	30	30		
MAX:		1.3	1.2	1.1	1.2	1.2	1.2	1.3	1.8	1.7	1.6	2.1	1.6	1.4	1.3	1.3	1.4	1.2	1.2	1.3	1.3	1.4	1.4	1.3		
AVG:		1.04	.97	.97	.98	.99	.98	1.00	1.05	1.12	1.11	1.12	1.10	1.07	1.02	1.04	1.03	1.03	1.02	1.00	1.02	1.01	1.02	.99		

MONTHLY OBSERVATIONS: 687 MONTHLY MEAN: 1.03 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

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

CAS NUMBER: 7446-09-5
LATITUDE: 35.4325
LONGITUDE: -79.2887
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 131
PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2015

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	1.0	1.0	.9	1.1	1.1	1.1	1.2	1.1	1.1	1.0	1.1	1.0	.9	1.0	1.0	1.0	1.0	1.0	1.0	23	1.2
2	BF	1.1	1.0	.8	.9	1.0	1.0	.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.9	1.0	.9	1.0	1.1	1.0	1.0	.9	23	1.1
3	BF	1.0	1.0	1.0	1.0	.9	1.0	.9	1.0	1.0	1.0	1.1	1.0	1.0	1.1	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	23	1.2
4	BF	1.1	1.0	1.1	1.1	1.1	1.1	1.0	1.0	1.1	1.0	1.2	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.0	1.1	1.0	1.0	1.1	23	1.2
5	BF	1.0	.9	.9	.9	1.0	1.0	1.0	1.0	1.1	1.0	1.1	1.0	1.1	1.1	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.0	23	1.1
6	BF	1.1	1.1	1.2	1.0	1.1	1.1	1.0	BA	BA	1.3	1.2	1.2	1.1	1.1	1.0	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	21	1.3
7	BF	1.1	1.0	1.1	1.1	1.0	1.0	1.0	1.0	1.2	1.2	1.2	1.2	1.4	1.4	1.4	1.3	1.2	1.0	1.0	1.1	1.0	1.0	1.1	23	1.4
8	BF	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.6	1.5	1.4	1.4	1.3	1.3	1.0	1.1	1.1	1.1	1.2	1.1	1.1	1.1	23	1.6
9	BF	1.1	1.1	1.1	1.1	1.1	1.2	1.4	1.6	1.4	1.3	1.2	1.3	1.2	1.1	1.0	1.1	1.1	1.1	1.0	1.1	1.1	1.0	1.1	23	1.6
10	BF	1.1	1.0	1.0	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.0	1.0	1.1	.9	1.0	1.1	1.0	1.0	1.0	.9	1.0	1.0	1.1	23	1.1
11	BF	1.1	1.0	1.1	1.1	1.1	1.0	1.0	1.1	1.2	1.1	1.2	1.1	1.1	1.1	1.2	1.2	1.1	1.1	1.0	1.0	1.0	1.0	1.1	23	1.2
12	BF	1.1	1.1	1.0	1.0	1.1	1.1	1.0	1.0	1.1	1.5	2.4	1.7	1.2	1.1	1.0	1.2	1.1	1.1	1.0	1.1	1.1	1.0	1.1	23	2.4
13	BF	1.0	1.0	1.0	1.1	1.0	1.0	1.1	1.1	1.2	1.2	1.2	1.1	1.1	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.0	23	1.2
14	BF	1.1	1.0	1.1	1.1	1.0	1.1	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.1	1.3	1.3	1.3	1.1	1.1	1.1	1.2	1.1	1.1	23	1.3
15	BF	1.1	1.1	1.1	1.1	1.0	1.1	1.0	1.4	1.7	1.7	1.7	1.7	1.6	1.3	1.4	1.4	1.3	1.1	1.1	1.2	1.2	1.3	1.3	23	1.7
16	BF	1.2	1.1	1.1	1.2	1.2	1.2	1.2	1.4	1.3	1.2	1.6	1.5	1.5	1.5	1.5	1.5	1.3	1.1	1.1	1.1	1.1	1.1	1.1	23	1.6
17	BF	1.2	1.1	1.1	1.2	1.1	1.1	1.2	1.1	1.1	1.6	1.5	1.7	1.7	1.4	1.3	1.3	1.2	1.2	1.2	1.3	1.2	1.2	1.1	23	1.7
18	BF	1.3	1.2	1.2	1.1	1.2	1.1	1.2	1.3	1.3	1.2	1.3	1.2	1.2	1.2	1.2	1.3	1.2	1.1	1.2	1.2	1.2	1.2	1.2	23	1.3
19	BF	1.2	1.2	1.2	1.2	1.1	1.3	1.1	1.3	1.2	1.4	1.5	1.5	1.5	1.4	1.5	1.4	1.3	1.2	1.2	1.2	1.3	1.2	1.2	23	1.5
20	BF	1.4	1.3	1.3	1.2	1.3	1.3	1.3	1.2	1.2	1.3	1.5	1.6	1.4	1.4	1.4	1.4	1.3	1.2	1.2	1.2	1.3	1.3	1.2	23	1.6
21	BF	1.3	1.3	1.2	1.3	1.2	1.3	1.2	1.2	1.4	1.5	1.9	1.9	BA	1.7	1.6	1.4	1.3	1.2	1.2	1.2	1.2	1.2	1.3	22	1.9
22	BF	1.3	1.2	1.2	1.2	1.3	1.2	1.3	1.2	1.3	1.4	1.5	1.5	1.3	1.3	1.3	1.3	1.4	1.2	1.2	1.2	1.2	1.3	1.2	23	1.5
23	BF	1.2	1.1	1.1	1.2	1.1	1.2	1.2	1.2	1.4	2.0	2.0	2.0	1.9	1.7	1.7	1.6	1.4	1.2	1.2	1.2	1.1	1.2	1.2	23	2.0
24	BF	1.2	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.2	1.3	1.4	1.5	1.4	1.4	1.4	1.3	1.2	1.2	1.1	1.2	1.2	1.2	23	1.5
25	BF	1.3	1.1	1.3	1.0	1.2	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.3	1.2	1.2	1.3	1.2	1.2	1.1	1.5	1.4	23	1.5
26	BF	1.4	1.5	1.3	1.4	1.4	1.4	1.5	1.6	1.5	1.3	1.4	1.5	1.3	1.4	1.3	1.3	1.4	1.3	1.3	1.3	1.3	1.2	1.2	23	1.6
27	BF	1.3	1.2	1.2	1.1	1.1	1.2	1.1	1.2	1.1	1.2	1.2	1.2	1.1	1.2	1.1	1.2	1.1	1.1	1.1	1.2	1.1	1.1	1.1	23	1.3
28	BF	1.2	1.2	1.1	1.1	1.2	1.1	1.2	1.1	1.2	1.1	1.1	1.1	1.2	1.1	1.1	1.2	1.1	1.2	1.2	1.1	1.1	1.2	1.2	23	1.2
29	BF	1.2	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.0	1.1	1.1	1.2	1.1	1.1	1.0	23	1.2
30	BF	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.5	1.2	1.2	1.2	1.1	1.2	23	1.5
31	BF	1.3	1.3	1.2	1.3	1.2	1.2	1.2	1.1	1.3	1.5	1.5	1.4	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.3	23	1.5
NO.:		31	31	31	31	31	31	31	30	30	31	31	31	30	31	31	31	31	31	31	31	31	31	31		
MAX:		1.4	1.5	1.3	1.4	1.4	1.4	1.5	1.6	1.7	2.0	2.4	2.0	1.9	1.7	1.7	1.6	1.4	1.5	1.3	1.3	1.3	1.5	1.4		
AVG:		1.17	1.11	1.11	1.11	1.11	1.12	1.11	1.17	1.21	1.29	1.37	1.34	1.30	1.25	1.25	1.25	1.19	1.13	1.12	1.14	1.13	1.13	1.14		

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: 1.18 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: 37-105-0002 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

CAS NUMBER: 7446-09-5
LATITUDE: 35.4325
LONGITUDE: -79.2887
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 131
PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2015

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	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.3	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	23	1.3
2	BF	1.3	1.2	1.2	1.2	1.1	1.2	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.1	23	1.3
3	BF	1.1	1.2	1.1	1.2	1.1	1.1	1.2	1.1	1.2	1.2	1.2	1.1	1.2	1.1	1.1	1.2	1.1	1.1	1.1	1.2	1.2	1.1	1.1	23	1.2
4	BF	1.2	1.1	1.2	1.1	1.1	1.1	1.2	1.2	1.3	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.1	1.2	1.3	1.1	1.1	1.1	23	1.4
5	BF	1.2	1.2	1.1	1.2	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.2	1.2	23	1.2
6	BF	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.1	1.1	23	1.2
7	BF	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	23	1.2
8	BF	1.3	1.3	1.3	1.5	1.4	1.5	1.4	1.3	1.4	1.8	1.5	1.4	1.5	1.6	1.6	1.5	1.4	1.3	1.3	1.3	1.4	1.3	1.4	23	1.8
9	BF	1.3	1.3	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.1	1.1	1.2	1.1	1.2	1.3	1.2	1.1	1.2	1.2	1.2	1.1	1.2	1.1	23	1.3
10	BF	1.3	1.2	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.1	1.2	1.2	1.2	1.1	1.2	1.2	23	1.3
11	BF	1.2	1.2	1.2	1.1	1.3	1.2	1.3	1.4	1.3	1.4	1.4	1.4	1.3	1.3	1.2	1.3	1.3	1.1	1.2	1.1	1.2	1.2	1.2	23	1.4
12	BF	1.3	1.2	1.1	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	23	1.3
13	BF	1.3	1.5	1.4	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.4	1.5	1.5	1.5	23	1.5
14	BF	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.3	1.2	1.2	1.3	1.3	23	1.6
15	BF	1.4	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.4	1.5	1.7	1.7	1.6	1.6	1.5	1.3	1.5	1.4	1.5	1.4	1.4	1.4	1.3	23	1.7
16	BF	1.4	1.3	1.4	1.4	1.3	1.3	1.3	1.3	1.7	1.9	1.8	1.6	1.6	1.6	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	23	1.9
17	BF	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.5	1.7	1.6	1.8	1.6	1.6	1.5	1.5	1.4	1.4	1.5	1.5	1.4	1.4	1.5	23	1.8
18	BF	1.5	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.3	1.3	BA	1.5	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	22	1.5
19	BF	1.3	1.3	1.2	1.2	1.4	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.1	1.2	1.2	1.3	1.2	1.2	1.3	1.1	1.3	23	1.4
20	BF	1.3	1.2	1.1	1.2	1.2	1.2	1.2	1.3	1.4	1.4	BC	BC	BC	BC	.4	.3	.4	.2	.2	.2	.2	.2	.3	19	1.4
21	BF	.1	.1	.3	.1	.1	.2	.2	.2	.3	.5	.8	.9	.7	.7	.7	.5	.4	.3	.4	.2	.2	.2	.2	23	.9
22	BF	.3	.2	.2	.0	.2	.1	.2	.3	.3	.3	.3	.3	.3	.3	.4	.4	.3	.3	.3	.3	.5	.4	.4	23	.5
23	BF	.4	.3	.4	.4	.3	.4	.4	.7	.5	.5	.4	.4	.3	.3	.4	.3	.3	.3	.4	.3	.3	.3	.3	23	.7
24	BF	.4	.3	.2	.3	.3	.3	.4	.4	.8	1.2	1.8	1.0	.7	.7	.6	.6	.4	.2	.4	.4	.5	.5	.3	23	1.8
25	BF	.3	.3	.3	.3	.3	.4	.3	.3	.3	.4	.4	.5	.5	.5	.4	.6	.5	.4	.3	.4	.4	.4	.4	23	.6
26	BF	.4	.3	.3	.3	.3	.3	.3	.4	.4	.5	.5	.4	.4	.4	.3	.4	.3	.4	.3	.4	.3	.3	.2	23	.5
27	BF	.2	.2	.3	.4	.3	.3	AE	.3	.3	.3	.3	.4	.4	.4	.4	.3	.4	.3	.2	.3	.3	.2	.2	22	.4
28	BF	.2	.3	.2	.3	.3	.3	.3	.2	.1	.1	.4	.6	.6	.8	.7	.5	.3	.3	.4	.3	.2	.2	.2	23	.8
29	BF	.2	.3	.2	.2	.2	.2	.2	.3	.3	.4	.3	.4	.4	.3	.3	.3	.2	.3	.2	.2	.2	.2	.2	23	.4
30	BF	.2	.1	.3	.3	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.3	.2	.2	.3	.3	.2	.3	.3	.2	23	.3
31																									0	
NO.:		30	30	30	30	30	30	29	30	30	30	29	29	28	29	30	30	30	30	30	30	30	30	30		
MAX:		1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.7	1.9	1.8	1.8	1.6	1.6	1.6	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.5		
AVG:		.95	.92	.91	.91	.90	.91	.94	.94	.99	1.05	1.06	1.04	1.00	1.01	.96	.94	.90	.88	.90	.89	.90	.89	.89		

MONTHLY OBSERVATIONS: 684 MONTHLY MEAN: .94 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: 37-105-0002 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

CAS NUMBER: 7446-09-5
LATITUDE: 35.4325
LONGITUDE: -79.2887
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 131
PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2015

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	.3	.2	.2	.2	.3	.3	.2	.2	.2	.2	.3	.2	.2	.2	.1	.2	.1	.2	.1	.2	.2	.0	23	.3
2	BF	.2	.2	.1	.1	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.2	.1	.1	.2	.2	.2	.1	23	.2
3	BF	.2	.2	.3	.1	.2	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.3	.3	.3	.2	.3	.3	.4	23	.4
4	BF	.6	.5	.5	.5	.5	.3	.4	.9	1.4	.8	.8	.8	.9	.8	.7	.7	.6	.3	.4	.4	.3	.4	.3	23	1.4
5	BF	.3	.4	.3	.3	.3	.3	.3	.4	.3	.6	1.2	1.3	1.4	1.3	1.3	1.5	1.6	1.3	1.1	.9	.8	.5	.4	23	1.6
6	BF	.4	.4	.4	.3	.4	.4	.4	.4	.5	.6	.6	.4	.4	.6	.5	.6	.6	.5	.6	.5	.5	.3	.5	23	.6
7	BF	.5	.4	.4	.4	.4	.4	.4	.5	.4	.5	.6	.6	.7	.9	.9	.7	.6	.4	.4	.3	.4	.3	.4	23	.9
8	BF	.3	.3	.4	.2	.3	.3	.4	.4	.3	.3	.5	.5	.6	.4	.5	.4	.4	.3	.4	.3	.2	.3	.2	23	.6
9	BF	.3	.4	.3	.3	.3	.4	.4	.3	.3	.3	.6	.6	.6	.5	.6	.4	.4	.4	.4	.5	.3	.3	.2	23	.6
10	BF	.3	.3	.3	.2	.3	.3	.4	.3	.3	.3	.6	.6	.5	.6	.5	.4	.4	.4	.5	.5	.4	.5	.4	23	.6
11	BF	.5	.5	.5	.4	.4	.3	.4	.6	.7	.6	.5	.5	.5	.4	.5	.5	.4	.4	.3	.2	.3	.3	.3	23	.7
12	BF	.3	.3	.2	.3	.4	.3	.2	.3	.3	.3	.4	.4	.5	.3	.4	.4	.3	.4	.3	.3	.2	.2	.3	23	.5
13	BF	.3	.3	.3	.2	.2	.2	.2	.2	.3	.3	.6	.9	.5	.3	.3	.4	.3	.3	.3	.3	.4	.3	.3	23	.9
14	BF	.3	.1	.2	.3	.2	.3	.1	.2	.2	.2	.2	.3	.2	.2	.3	.2	.3	.3	.1	.2	.2	.2	.2	23	.3
15	BF	.2	.2	.1	.1	.2	.3	.2	.1	AT	.4	.3	.3	.4	.3	.7	.3	.4	.3	.3	.2	.2	.1	.1	22	.7
16	BF	.3	.3	.2	.2	.3	.4	.3	.4	.1	.4	.4	.5	BA	.4	.5	.5	.4	.5	.4	.4	.3	.3	.2	22	.5
17	BF	.3	.2	.3	.2	.3	.3	.2	.2	.3	.1	.3	.2	.2	.2	.2	.2	.2	.3	.3	.3	.2	.2	.2	23	.3
18	BF	.3	.2	.3	.2	.2	.3	.2	.2	.3	.4	.4	.4	.3	.5	.3	.2	.2	.3	.6	.7	.5	.5	.4	23	.7
19	BF	.4	.3	.4	.3	.4	.4	.5	.6	.6	.5	.4	.5	.5	.4	.4	.4	.3	.4	.5	.5	.5	.5	.4	23	.6
20	BF	.5	.4	.3	.5	.5	.3	.4	.4	.8	1.6	.7	1.1	.8	.7	.6	.7	.5	.6	.6	.5	.5	.4	.4	23	1.6
21	BF	.4	.3	.4	.4	.4	.5	.3	.4	.4	.6	.5	.5	.6	.6	.5	.5	.4	.5	.5	.5	.4	.5	.5	23	.6
22	BF	.4	.3	.3	.3	.5	.3	.3	.3	.4	.3	.3	.3	.4	.3	.4	.3	.4	.4	.4	.3	.4	.4	.3	23	.5
23	BF	.4	.3	.3	.3	.3	.3	.4	.3	.3	.3	.3	.3	.2	.3	.4	.4	.3	.3	.3	.4	.3	.4	.3	23	.4
24	BF	.4	.3	.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.3	.4	.3	.3	.3	.3	.3	23	.4
25	BF	.3	.3	.3	.4	.3	.3	.3	.4	.2	.3	.2	.3	.3	.2	.3	.3	.2	.3	.3	.2	.2	.2	.3	23	.4
26	BF	.3	.3	.3	.2	.3	.2	.2	.3	.3	.2	.4	.2	.3	.2	.3	.2	.3	.3	.3	.3	.3	.3	.3	23	.4
27	BF	.3	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.2	.2	.3	.3	.2	.2	.3	.3	23	.3
28	BF	.3	.3	.2	.2	.3	.3	.2	.2	.3	.2	.3	.2	.2	.2	.3	.3	.2	.2	.3	.2	.2	.3	.2	23	.3
29	BF	.3	.2	.2	.2	.2	.2	.3	.3	.2	.2	.3	.3	.2	.3	.2	.3	.3	.3	.2	.3	.2	.2	.3	23	.3
30	BF	.3	.3	.2	.2	.2	.3	.2	.2	.3	.2	.2	.2	.3	.2	.2	.3	.3	.2	.3	.1	.1	.1	.2	23	.3
31	BF	.3	.2	.3	.2	.2	.2	.3	.2	.2	.2	.3	.3	.2	.3	.3	.3	.3	.2	.3	.3	.4	.5	.3	23	.5
NO.:		31	31	31	31	31	31	31	31	30	31	31	31	30	31	31	31	31	31	31	31	31	31	31		
MAX:		.6	.5	.5	.5	.5	.5	.5	.9	1.4	1.6	1.2	1.3	1.4	1.3	1.3	1.5	1.6	1.3	1.1	.9	.8	.5	.5		
AVG:		.34	.30	.29	.27	.30	.30	.30	.33	.37	.39	.43	.45	.44	.41	.43	.40	.38	.36	.38	.34	.32	.32	.29		

MONTHLY OBSERVATIONS: 711 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

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 Environmental Quality

REPORT FOR: JANUARY 2015

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	.6	.5	.5	.6	.5	.5	.5	.5	.5	.3	.4	.5	.4	.3	.2	.1	.1	.1	.1	.1	.1	.1	BD	BD	22	.6
2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3	.6	.3	.2	.2	.2	.1	.1	.1	.1	.1	.1	.0	BD	BD	22	.6
3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	BD	BD	22	.2
4	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.1	.1	.1	.0	BD	BD	22	.1
5	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.0	.1	.1	.1	.1	BD	BD	22	.1
6	.1	.1	.1	.1	.1	.1	.1	.1	.2	.5	.5	.1	.2	.2	.3	.3	.2	.4	.5	.4	.3	.2	BD	BD	22	.5
7	.1	.2	.1	.1	.2	.2	.2	.3	.3	.4	.4	.3	.4	.4	1.1	1.0	1.0	.9	1.0	.7	1.0	.7	BD	BD	22	1.1
8	.4	.4	.3	.4	.4	.5	.6	.8	.7	.8	1.2	1.2	1.9	2.5	1.9	.9	.6	.4	.5	1.4	1.0	.5	BD	BD	22	2.5
9	1.2	2.7	.9	.7	1.1	1.6	.9	1.0	1.8	1.4	.9	1.2	5.8	2.2	1.0	.9	1.0	1.4	.9	.9	.9	1.0	BD	BD	22	5.8
10	.6	.4	.4	.4	.5	.6	.6	.5	.7	.8	.8	.8	.7	.7	.6	.6	.7	.8	.6	.6	.5	.4	BD	BD	22	.8
11	.4	.5	.4	.4	.3	.3	.3	.3	.4	.6	.8	.7	.6	.6	.5	.5	.4	.4	.1	.1	.1	.0	BD	BD	22	.8
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.1	.2	.2	BD	BD	22	.2
13	.2	.2	.1	.1	.2	.3	.1	.2	.3	.4	.3	.2	.2	.2	.2	.1	.1	.4	.3	.3	.2	.4	BD	BD	22	.4
14	.1	.1	.1	.0	.0	.1	.1	.1	.2	.2	.3	.4	.3	.2	.1	.1	.1	.1	.1	.1	.5	.5	BD	BD	22	.5
15	.3	.2	.2	.2	.2	.3	.4	.5	.5	.6	.6	.4	.5	.5	.5	.4	.3	.3	.2	.2	.2	.2	BD	BD	22	.6
16	.2	.1	.1	.1	.0	.0	.1	.1	.1	.2	.2	.2	.1	.1	.1	.1	.1	.2	.2	.3	.3	.3	BD	BD	22	.3
17	.6	.6	.5	.4	.5	.4	.4	.5	.4	.5	.6	.5	.4	.4	.3	.3	.2	.2	.3	.3	.2	.2	BD	BD	22	.6
18	.3	.2	.1	.0	.0	.0	.0	.1	.1	.1	.3	.3	.4	.3	.2	.1	.1	.1	.1	.1	.1	.1	BD	BD	22	.4
19	.2	.1	.1	.1	.1	.1	.1	.1	.2	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	BD	BD	22	.3
20	.5	.5	.4	.4	.3	.3	.2	.3	.4	.8	.7	.8	.7	.6	.6	.7	.7	.6	.7	.6	.6	.6	BD	BD	22	.8
21	.5	.6	.5	.3	.2	.2	.4	.5	.5	.6	.7	.8	1.0	1.1	.9	.9	.8	.7	.7	.6	.7	.6	BD	BD	22	1.1
22	.3	.2	.1	.1	.1	.2	.3	.5	.6	BA	1.1	.9	.7	.6	.6	.5	.5	.4	.4	.4	.5	.4	.4	.4	23	1.1
23	.8	1.1	5.6	4.4	2.2	1.9	1.1	.7	.5	.4	.2	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	5.6
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.3	.7	.4	.3	.3	.3	.2	.2	AV	.3	.2	.1	23	.7
25	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.3	.3	.9	1.2	.6	.6	.5	.5	.4	.5	.3	.3	.5	.4	24	1.2
26	.8	1.0	1.2	1.2	.4	.4	.5	.4	.4	.5	.8	.6	.4	.4	.7	.2	.1	.1	.2	.3	.5	1.2	1.2	.9	24	1.2
27	.8	.5	.3	.3	.2	.2	.2	.3	.5	.6	.7	.4	.6	.5	.3	.4	.4	.3	.3	.5	.7	.8	BD	BD	22	.8
28	.6	.5	.4	.6	.5	.5	.5	.6	.7	.7	.7	.7	.6	.6	.7	1.1	1.0	.9	.8	.5	.6	.5	BD	BD	22	1.1
29	.4	.2	.2	.3	.3	.3	.4	.6	2.1	1.6	5.4	4.3	1.1	1.0	.5	.5	.5	.6	.6	.5	.6	.6	.6	.6	24	5.4
30	.6	.6	1.1	.6	.3	.3	.5	.7	.1	.1	.1	.2	.3	.2	.2	.3	.2	.2	.3	.5	.3	.2	BD	BD	22	1.1
31	.2	.3	.2	.1	.1	.1	.1	.2	.3	2.2	1.9	.9	.7	.7	1.0	1.3	.5	.4	.4	.5	.5	.5	BD	BD	22	2.2
NO.:	31	31	31	31	31	31	31	31	31	30	31	31	31	31	31	31	31	31	31	31	30	31	6	6		
MAX:	1.2	2.7	5.6	4.4	2.2	1.9	1.1	1.0	2.1	2.2	5.4	4.3	5.8	2.5	1.9	1.3	1.0	1.4	1.0	1.4	1.0	1.2	1.2	.9		
AVG:	.36	.39	.46	.39	.29	.31	.28	.33	.41	.51	.68	.57	.65	.55	.45	.41	.35	.36	.34	.36	.38	.36	.48	.40		

MONTHLY OBSERVATIONS: 692 MONTHLY MEAN: .42 MONTHLY MAX: 5.8

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

(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 Environmental Quality

REPORT FOR: FEBRUARY 2015

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	.7	.7	.7	.8	1.0	.8	.7	.5	.5	.5	.4	.4	.4	.5	.6	1.4	.7	.4	.4	.4	.5	.5	BD	BD	22	1.4
2	.5	.1	.1	.0	.0	.0	.0	.0	.0	.1	.6	.2	.2	.2	.5	.7	.7	.9	.8	.6	.6	.6	BD	BD	22	.9
3	.4	.2	.2	.1	.1	.0	.1	.3	.3	.3	.2	1.0	4.7	2.6	1.9	2.5	1.7	1.3	1.1	.9	.6	.5	BD	BD	22	4.7
4	.2	.2	.3	.4	.6	.7	.4	.3	.7	1.3	1.2	.8	.7	.5	.4	.3	.4	.8	.6	.5	.3	.3	BD	BD	22	1.3
5	.5	1.1	1.7	1.3	1.5	1.1	.8	.7	.8	3.0	1.7	1.3	.6	.4	.3	.3	.2	.3	.2	.3	.6	.6	BD	BD	22	3.0
6	.6	.7	.9	.7	.6	.3	.2	.3	1.4	1.6	1.2	.9	1.2	.8	.9	.7	.7	.6	.6	.5	.6	.6	BD	BD	22	1.6
7	.4	.4	.5	.4	.3	.3	.3	.5	1.2	1.3	1.1	1.3	1.1	1.2	1.0	.4	.3	.2	.3	.4	.4	.7	BD	BD	22	1.3
8	.9	1.0	.8	.5	.4	.4	.5	.4	.4	.4	.3	.3	.2	.2	.1	.1	.1	.1	.1	.8	1.5	1.0	BD	BD	22	1.5
9	.9	.4	.2	.3	.3	.3	.3	.3	.4	.7	.6	.3	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	BD	BD	22	.9
10	.1	.1	.1	.2	.1	.2	.3	.6	.4	.3	.3	.4	.5	.5	.4	.3	.4	.3	.3	.3	.3	.3	BD	BD	22	.6
11	.5	.5	.4	.4	.4	.4	.4	.5	1.1	1.2	1.0	.9	.9	1.0	1.3	.8	.6	.4	.5	.4	.3	.3	BD	BD	22	1.3
12	.2	.1	.1	.1	.1	.1	.3	.3	.5	.7	.8	.7	.6	.5	.2	.2	.3	.8	.3	.2	.3	.3	BD	BD	22	.8
13	.2	.2	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.7	1.7	1.6	1.2	1.1	1.0	BD	BD	22	1.7
14	.3	.3	.3	.6	.6	.5	.3	.3	6.0	16.4	1.9	.3	.3	.4	.5	.4	.4	.3	.3	1.0	.2	.1	BD	BD	22	16.4
15	.4	.3	.2	.6	.2	.2	.2	.3	.4	.7	.7	.7	.8	.7	.3	.3	.3	.3	.3	.3	.4	.3	BD	BD	22	.8
16	.5	.5	.5	.5	.4	.5	.5	.8	1.0	.6	.5	AZ	AZ	AZ	.6	.4	.4	.3	.2	.2	.2	.2	BD	BD	19	1.0
17	.2	.1	.1	.1	.0	.0	.9	1.6	1.4	1.4	1.6	1.3	.9	.6	.8	1.1	1.2	.8	.4	.3	.3	.4	BD	BD	22	1.6
18	.2	.1	.0	.0	.0	.0	.0	.1	.3	.8	1.0	.3	.2	.3	.2	.1	.2	.4	.3	.1	.1	.2	BD	BD	22	1.0
19	.2	.3	.3	.2	.2	.2	.3	BD	BD	BC	BC	BC	BC	.4	.5	.6	.4	.3	.3	.3	.4	.5	.5	.6	18	.6
20	.8	.7	.4	.2	.1	.4	.5	.7	1.4	1.6	2.0	1.7	1.6	1.7	1.4	1.3	.8	.6	.7	.7	.6	.7	BD	BD	22	2.0
21	.5	.5	.6	.7	1.1	1.4	1.4	1.2	1.2	.7	.8	.6	.5	.8	1.0	.9	.9	.6	.5	.6	.6	.6	BD	BD	22	1.4
22	1.0	.9	.2	.0	.0	.0	.0	.0	.1	.3	.4	.5	.4	.3	.3	.3	.1	.1	.1	.0	.1	.1	BD	BD	22	1.0
23	.2	.1	.0	.0	.0	.0	.1	.5	.3	.1	.0	.1	.8	1.1	1.5	1.0	.8	.7	.2	.1	.0	.0	BD	BD	22	1.5
24	.6	1.1	1.1	.9	.9	1.0	.6	.6	.6	.6	.7	.6	.4	.3	.4	.3	.2	.1	.1	.1	.0	.0	BD	BD	22	1.1
25	.7	.5	1.1	.1	.0	.0	.0	.0	.3	.7	.6	.5	.4	.4	.3	.1	.1	.1	.1	.0	-.1	-.1	BD	BD	22	1.1
26	.0	.0	.0	-.1	.0	.3	.4	.3	.2	.1	.1	.2	.2	.3	.4	.4	.4	.3	.1	.0	-.1	.0	BD	BD	22	.4
27	.1	.0	.0	.0	.0	.0	.1	.2	.3	.2	.4	.8	1.5	1.0	.8	.6	.7	.8	.9	.8	.9	.9	BD	BD	22	1.5
28	1.0	.6	.5	.5	.5	.6	.9	1.2	1.8	2.1	2.1	1.8	1.6	1.5	1.6	1.8	1.5	1.2	1.1	1.1	1.9	1.8	BD	BD	22	2.1
29																									0	
30																									0	
31																									0	
NO.:	28	28	28	28	28	28	28	27	27	27	27	26	26	27	28	28	28	28	28	28	28	28	1	1		
MAX:	1.0	1.1	1.7	1.3	1.5	1.4	1.4	1.6	6.0	16.4	2.1	1.8	4.7	2.6	1.9	2.5	1.7	1.7	1.6	1.2	1.9	1.8	.5	.6		
AVG:	.46	.42	.41	.35	.35	.36	.39	.48	.87	1.41	.84	.70	.82	.69	.67	.64	.54	.53	.44	.43	.45	.44	.50	.60		

MONTHLY OBSERVATIONS: 609 MONTHLY MEAN: .57 MONTHLY MAX: 16.4

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 Environmental Quality

REPORT FOR: MARCH 2015

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	1.7	1.9	1.4	1.0	1.0	.7	.5	.4	.2	.1	.1	.0	.0	.0	.0	-.1	.0	.0	-.1	.0	-.1	-.1	BD	BD	22	1.9
2	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	BA	.1	.5	1.3	.9	.1	.2	.2	.1	.0	.0	.1	BD	BD	21	1.3
3	1.0	1.1	1.2	.5	.5	.6	.9	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	BD	BD	22	1.2
4	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	.0	.1	.1	.0	.0	.0	.0	.1	.2	.1	.0	BD	BD	22	.2
5	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	.0	.0	-.1	-.1	-.1	.0	-.1	-.1	.0	.0	.1	BD	BD	22	.1
6	.1	.2	.2	.4	.6	1.1	1.4	1.8	1.6	1.2	1.2	1.0	.7	.5	.5	.5	.5	.6	.5	.4	.3	.3	BD	BD	22	1.8
7	.1	.1	.1	.1	.1	.0	.1	.1	.7	.7	.7	1.3	.9	.4	.2	.1	.1	.1	.1	.1	.1	.1	BD	BD	22	1.3
8	.1	.1	.1	.1	.1	.0	.0	.1	.3	.2	.2	.2	.4	.2	.1	.1	.1	.1	.1	.1	.1	.1	BD	BD	22	.4
9	.2	.3	.6	.7	.5	.6	.6	.6	.7	.8	.3	.1	.1	.1	.1	.3	.3	.2	.2	.2	.2	.1	BD	BD	22	.8
10	.2	.2	.1	.1	.1	.2	.2	.3	.2	.3	.3	.2	.3	.4	.3	.4	.3	.1	.1	.2	.6	.2	BD	BD	22	.6
11	.4	.4	.3	.1	.0	.0	.0	.0	.3	.3	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	-.1	-.1	BD	BD	22	.4
12	.0	.0	.0	.0	.0	.1	.3	.5	1.3	1.2	.6	.4	.4	.4	.3	.2	.2	.1	.1	.1	.1	.2	BD	BD	22	1.3
13	.3	.3	.3	.3	.3	.2	.3	.2	.2	.2	.2	.2	.2	.2	.3	.1	.0	.0	-.1	-.1	-.1	-.1	BD	BD	22	.3
14	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	BD	BD	22	0.0
15	.0	.0	.0	-.1	.0	.0	.0	.1	.2	.2	.3	.3	.2	.2	.2	.2	.2	.1	.3	.5	.4	.4	BD	BD	22	.5
16	.1	.1	.0	.1	.0	.1	.2	.3	.5	1.2	1.4	.6	.3	.2	.2	.1	.1	.1	.2	.2	.2	.1	BD	BD	22	1.4
17	.1	.1	.0	.0	.0	.0	.1	.5	.6	.7	.3	.2	.2	.2	.2	.1	.1	.1	.1	.5	.0	.0	BD	BD	22	.7
18	.4	.4	.2	.1	.1	.1	.1	.9	.9	.6	.7	.6	.6	.5	.5	.5	.4	.3	.2	.2	.2	.2	BD	BD	22	.9
19	.2	.2	.2	.2	.1	.2	.1	.1	.1	.2	.3	.3	.8	.9	.3	.2	.0	.0	-.1	-.1	-.1	-.1	BD	BD	22	.9
20	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.1	.1	.1	.1	.2	.2	.1	.0	.0	.0	.0	BD	BD	22	.2
21	.1	.0	.0	.0	.0	.0	.1	.1	.1	.4	.5	.3	.3	.3	.1	.2	.2	.2	.2	.2	.2	.1	BD	BD	22	.5
22	.1	.1	.1	.1	.0	.0	.0	.1	.1	.4	.6	.5	.6	.5	.5 2	.5 2	.3 2	.3 2	.6 2	.6 2	.3	.1 2	BD	BD	22	.6
23	.0	-.1 2	-.1	-.1 2	-.1 2	-.1	.0	.0	.0	-.1	.0	.1	.2	.2	.2	.3	.3	.3	.2	.2	.2	.2	BD	BD	22	.3
24	.2	.1	.0	.0	.0	.0	.1	.2	.2	.2	.1	.2	.2	.2	.1	.1	.7	.6	.1	.1	.2	.1	BD	BD	22	.7
25	.1	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BD	BD	22	.1
26	.1	.0	.0	.0	-.1	-.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	BD	BD	22	.1
27	.0	.0	.0	.1	.0	-.1	.0	-.1	-.1	-.1	-.1	.0	-.1	.0	-.1	.0	-.1	.0	.0	-.1	-.1	-.1	BD	BD	22	.1
28	.1	.0	-.1	.0	.0	.0	.0	.3	.2	.3	.2	.1	.2	.3	.4	.3	.4	.4	.4	.2	.5	.5	BD	BD	22	.5
29	.1	.5	.7	.7	.7	.7	.6	.7	.7	.6	.4	.3	.3	.3	.3	.2	.3	.3	.2	.2	.2	.3	BD	BD	22	.7
30	1.2	1.0	.6	.4	.2	.1	.0	BD	BD	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	BD	BD	20	1.2
31	.0	.0	.0	.0	.0	.1	.1	.3	.4	.4	.5	.5	.3	.2	.1	.1	.0	.1	.2	.2	.1	.1	BD	BD	22	.5
NO.:	31	31	31	31	31	31	31	30	30	31	30	31	31	31	31	31	31	31	31	31	31	31				
MAX:	1.7	1.9	1.4	1.0	1.0	1.1	1.4	1.8	1.6	1.2	1.4	1.3	.9	1.3	.9	.5	.7	.6	.6	.6	.6	.5				
AVG:	.22	.22	.18	.14	.12	.13	.17	.24	.30	.32	.30	.25	.26	.25	.19	.15	.15	.14	.12	.13	.11	.08				

MONTHLY OBSERVATIONS: 679 MONTHLY MEAN: .19 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: 37-119-0041 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 Environmental Quality

REPORT FOR: APRIL 2015

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	.1	.0	.0	.0	.1	1.0	1.4	1.0	1.0	.6	.3	.2	.1	.1	.0	.0	.0	.0	.1	.2	.2	BD	BD	22	1.4
2	.2	.2	.1	.0	.0	-.1	.0	.1	.1	.1	.1	.1	.1	.1	.3	.3	.3	.4	.5	.2	.0	-.1	BD	BD	22	.5
3	.0	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BD	BD	22	0.0
4	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.4	.5	.5	.4	.4	.3	.2	.1	.2	.1	.0	.0	.0	BD	BD	22	.5
5	.1	.2	.2	.2	.2	.1	.0	.3	1.3	.4	.1	.1	.1	.0	.0	.0	.0	.0	.1	.2	.3	.3	BD	BD	22	1.3
6	.1	.1	.0	.0	.0	.0	.0	.1	.2	.2	.1	.2	.2	.2	.1	.2	.2	.2	.4	.4	.1	.1	BD	BD	22	.4
7	.3	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	.1	.3	.1	.0	.0	.0	.0	.0	.0	-.1	.0	.0	-.1	BD	BD	22	.3
8	.2	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	BD	BD	22	.2
9	.0	.0	.1	.0	.0	.0	.0	.0	.3	.4	.4	.3	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	BD	BD	22	.4
10	.3	.4	.3	.2	.2	.1	.1	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	.0	BD	BD	22	.4
11	.0	.0	-.1	.0	.0	.1	.3	.3	.2	.1	.1	.1	.2	.2	.2	.1	.2	.2	.2	.2	.2	.1	BD	BD	22	.3
12	.5	.7	1.6	2.4	1.7	1.0	.5	1.2	.4	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	BD	BD	22	2.4
13	.1	.0	-.1	-.1	-.1	-.1	.0	.0	.0	.1	.2	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	BD	BD	22	.2
14	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.3	.1	.0	.0	BD	BD	22	.3
15	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	BD	BD	22	.1
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	.0	.0	-.1	-.1	24	0.0
17	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	BF	BF	BC	BC	BC	BC	.3	.2	.2	.2	.1	.1	.1	BD	BD	16	.3
18	.2	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	BD	BD	22	.2
19	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BD	BD	22	.2
20	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	BD	BD	22	.2
21	.2	.1	.1	.1	.1	.0	.1	.1	.2	.1	.1	.1	.1	.1	.2	.2	.1	.2	.2	.2	.3	.2	BD	BD	22	.3
22	.1	.1	.0	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.2	.1	BD	BD	22	.2
23	.1	.1	.1	.1	.1	.1	.5	.6	.7	.7	.8	.7	.3	.3	.3	.2	.2	.2	.2	.2	.1	.1	BD	BD	22	.8
24	.4	.4	.3	.3	.3	.3	.2	.4	.6	.6	.6	.6	.8	.7	.5	.5	.4	.4	.3	.3	.2	.2	BD	BD	22	.8
25	.4	.6	.5	.6	.5	.4	.3	.2	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BD	BD	22	.6
26	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	BD	BD	22	.2
27	.2	.1	.0	.0	.1	.1	.3	.3	.4	1.0	1.1	.8	.8	.6	.5	.4	.4	.3	.2	.1	.1	.2	BD	BD	22	1.1
28	.1	.1	.1	.1	.1	.1	.3	.4	.4	.5	.5	.5	.3	.2	.2	.1	.1	.1	.1	.1	.1	.1	BD	BD	22	.5
29	.2	.1	.1	.1	.1	.1	.2	.3	.4	.5	.4	.6	.5	.4	.4	.5	.5	.4	.3	.1	.1	.1	BD	BD	22	.6
30	.3	.2	.2	.1	.1	.1	.2	.2	.5	.8	.8	1.1	1.0	.9	.6	.4	.3	.2	.1	.1	.1	.1	BD	BD	22	1.1
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	29	29	29	29	29	29	30	30	30	30	30	30	30	1	1		
MAX:	.5	.7	1.6	2.4	1.7	1.0	1.0	1.4	1.3	1.0	1.1	1.1	1.0	.9	.6	.5	.5	.4	.5	.4	.3	.3	-.1	-.1		
AVG:	.15	.12	.11	.13	.11	.07	.12	.21	.25	.27	.26	.24	.20	.18	.16	.14	.12	.12	.11	.09	.07	.07	-.10	-.10		

MONTHLY OBSERVATIONS: 656 MONTHLY MEAN: .15 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

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

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 Environmental Quality

REPORT FOR: MAY 2015

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

HOUR

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	.0	.0	.1	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	BD	BD	22	.2
2	.1	.1	.1	.1	.1	.1	.1	.2	.5	1.0	.7	.4	.4	.3	.3	.4	.4	.3	.2	.2	.2	.2	BD	BD	22	1.0
3	.2	.2	.2	.2	.1	.1	.2	.4	.3	.2	.2	.2	.3	.5	.2	.2	.2	.2	.3	.4	.3	.2	BD	BD	22	.5
4	.4	.3	.3	.4	.3	.3	.4	.6	.5	.5	.6	.2	.2	.1	.1	.1	.1	.1	.1	.2	.2	.2	BD	BD	22	.6
5	.4	.2	.1	.0	.0	.0	.1	.1	.2	.2	.4	.4	.2	.2	.4	.1	.1	.1	.1	.1	.1	.1	BD	BD	22	.4
6	.1	.0	.0	.0	.0	.0	.1	.4	.4	.4	.3	.3	.2	.2	.1	.1	.2	.2	.1	.1	.1	.1	BD	BD	22	.4
7	.1	.1	.1	.0	.0	.0	.7	AZ	AZ	AZ	.2	.1	.3	.7	.4	.3	.3	.3	.2	.1	.1	.3	BD	BD	19	.7
8	.5	.5	.3	.2	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1	.1	.1	BD	BD	22	.5
9	.1	.9	1.0	.4	.2	.1	.1	.2	.2	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.0	BD	BD	22	1.0
10	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BD	BD	22	.1
11	.1	.0	.0	.0	.0	.0	.1	.1	.2	2.5	.8	.2	.2	.1	.1	.1	.2	.1	.1	.2	.2	.1	BD	BD	22	2.5
12	.3	.1	.1	.0	.0	.0	.1	.2	.4	2.4	3.2	1.6	.9	.8	.2	.1	.1	.5	.5	1.7	1.1	1.0	BD	BD	22	3.2
13	.2	.1	.1	.2	.3	.3	.5	.4	.4	.5	.5	.5	.4	.4	.5	.7	.7	.5	.4	.3	.3	.2	BD	BD	22	.7
14	.7	.9	1.8	1.0	.5	.6	.6	.8	.3	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	BD	BD	22	1.8
15	.2	.1	.1	.1	.1	.1	.1	.1	.3	.3	.6	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	BD	BD	22	.6
16	.2	.3	.2	.1	.1	.0	.0	.1	.1	.2	.1	.1	.1	.1	.1	.3	.3	.2	.3	.4	.3	.2	BD	BD	22	.4
17	.5	.6	.5	.2	.1	.0	.1	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	BD	BD	22	.6
18	.2	.1	.1	.1	.1	.1	.1	.2	.4	1.3	2.2	.9	.9	.7	.6	.1	.1	.1	.1	.1	.0	.0	BD	BD	22	2.2
19	.2	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.2	.1	.2	.6	.4	.3	.2	.1	.2	.7	.5	BD	BD	22	.7
20	.2	.2	.2	.1	.1	.1	.2	.1	.3	.2	.3	.2	.3	.3	.2	.2	.2	.2	.2	.2	.2	.1	BD	BD	22	.3
21	.2	.6	.6	.3	.1	.0	.1	.1	.1	.1	.1	.1	.2	.3	.3	.3	.3	.3	.3	.3	.0	.0	BD	BD	22	.6
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	BD	BD	22	.1
23	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	BD	BD	22	.2
24	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	BD	BD	22	.1
25	.1	.1	.0	.0	.0	.0	.0	.4	.3	.2	.1	.1	.3	.2	.1	.1	.1	.1	.5	.4	.2	.2	BD	BD	22	.5
26	.1	.0	.0	.0	.0	.0	.3	.4	.2	.3	.1	.2	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	BD	BD	22	.4
27	.1	.0	.0	.0	.0	.0	.0	.0	.1	.3	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	BD	BD	22	.3
28	.1	.1	.0	.0	.0	.0	.0	.1	.3	.4	.3	.2	.1	.1	.1	.1	.0	.1	.0	.1	.1	.1	BD	BD	22	.4
29	.1	.0	.0	.0	.0	.0	.1	.5	.6	.6	.5	.4	.3	.2	.1	.1	.0	.0	.1	.1	.1	.0	BD	BD	22	.6
30	.1	.1	.1	.1	.0	.0	.1	.3	.5	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	BD	BD	22	.5
31	.8	.3	.2	.2	.1	.1	.3	.4	.3	.2	.1	.1	.1	.1	.4	.2	.3	.3	.2	.1	.1	.1	BD	BD	22	.8
NO.:	31	31	31	31	31	31	31	30	30	30	31	31	31	31	31	31	31	31	31	31	31	31				
MAX:	.8	.9	1.8	1.0	.5	.6	.7	.8	.6	2.5	3.2	1.6	.9	.8	.6	.7	.7	.5	.5	1.7	1.1	1.0				
AVG:	.22	.20	.20	.12	.08	.07	.15	.23	.27	.45	.42	.25	.23	.21	.19	.15	.15	.15	.15	.20	.17	.15				

MONTHLY OBSERVATIONS: 679 MONTHLY MEAN: .20 MONTHLY MAX: 3.2

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

(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 Environmental Quality

REPORT FOR: JUNE 2015

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	.3	.1	.0	.0	.0	.1	.1	.3	.2	.1	.1	.1	.1	.0	.0	.0	.1	.3	.2	.3	.2	BD	BD	22	.3
2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.4	.0	.0	BD	BD	22	.4
3	.1	.0	.0	.0	.2	.5	.5	.2	.1	.0	.1	.1	.1	.1	.1	.0	.0	.0	.2	.2	.0	.1	BD	BD	22	.5
4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.2	.1	.0	.0	.0	BD	BD	22	.2
5	.2	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	BD	BD	22	.2
6	.2	.1	.1	.1	.1	.1	.1	.3	1.2	.5	.5	.5	.4	.2	.1	.1	.1	.1	.1	.0	.1	.0	BD	BD	22	1.2
7	.2	.1	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BD	BD	22	.2
8	.2	.1	.1	.1	.1	.1	.1	.2	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	BD	BD	22	.2
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.1	.1	.0	.1	.0	.1	.1	.0	.0	BD	BD	22	.2
10	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	BD	BD	22	.2
11	.1	.1	.0	.0	.0	.0	.1	.1	.2	.1	.1	.4	.1	.1	.1	.1	.0	.0	.0	.2	.1	.1	BD	BD	22	.4
12	.2	.2	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	BD	BD	22	.2
13	.1	.0	.0	.0	.0	.0	.1	.3	.7	.4	.2	.1	.1	.1	.1	.4	.4	.1	.1	.1	.1	.2	BD	BD	22	.7
14	.3	.1	.1	.1	.1	.1	.1	.4	.1	.2	.2	.9	.5	.4	.3	.4	.6	.2	.2	.1	1.1	1.7	BD	BD	22	1.7
15	.2	.1	.1	.1	.1	.1	.2	.3	.4	.2	.1	.2	.2	.2	.3	.5	.4	.4	1.6	.5	.3	1.7	BD	BD	22	1.7
16	2.4	1.1	.6	.4	.3	.3	.5	.5	.4	.3	.3	.2	.2	.2	.2	1.0	1.0	1.3	.7	4.4	5.6	1.6	BD	BD	22	5.6
17	.4	.3	.2	.3	.2	.2	.3	.3	.4	.3	.3	.3	.3	.3	.4	.5	.5	.3	.4	.5	.4	.4	BD	BD	22	.5
18	.4	.4	.4	.4	.5	.5	.5	.5	.6	.6	.6	.6	1.0	7.8	3.9	1.8	2.0	1.2	.3	.4	.2	.2	BD	BD	22	7.8
19	.3	.3	.2	.2	.2	.1	.3	.6	.5	.3	1.1	3.6	4.9	.9	2.7	.2	.2	.1	.2	.1	.1	.1	AM	AM	22	4.9
20	.1	.1	.1	.1	.1	.1	.3	.8	.6	.4	.2	.2	.2	.1	1.1	.2	.9	.2	.3	.1	.1	.1	AM	AM	22	1.1
21	.7	.5	.3	.2	.2	.2	.2	.3	.2	.1	.1	.1	.2	.2	.8	.5	.3	.2	.5	.6	.8	1.9	AM	AM	22	1.9
22	.8	.5	.3	.3	.2	.3	.4	.4	.5	.5	.3	.2	.2	.2	.2	.2	.2	.2	.1	.1	.2	.2	.2	.4	24	.8
23	.8	.8	.6	.4	.3	.3	.5	.6	.7	1.0	BA	.3	.7	.5	.6	.5	.8	.5	.7	.6	1.1	4.9	BD	BD	21	4.9
24	2.4	1.2	.9	.7	.6	.6	.9	1.0	.7	.6	.7	.7	.6	.5	BA	.4	.4	.4	.4	.2	.2	.2	BD	BD	21	2.4
25	.3	.3	.3	.3	.2	.4	.3	.3	.3	.4	2.0	2.6	1.9	1.0	1.6	4.0	.4	.4	.4	.4	.6	.8	BD	BD	22	4.0
26	.6	.5	.4	.4	.3	.4	.4	.6	.6	.8	.7	.4	.4	1.0	.5	.3	.2	.2	.2	.4	.3	.1	BD	.4	23	1.0
27	.2	.1	.1	.1	.1	.1	.1	.1	.3	.3	.2	.2	.2	.2	.3	.1	.1	.1	.0	.0	.1	.1	BD	.5	23	.5
28	.2	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.2	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	BD	.6	23	.6
29	.3	.2	.2	.2	.2	.2	.3	.5	.8	.5	.4	.3	.3	.2	.2	.3	.4	.3	.3	.2	.2	.2	BD	.4	23	.8
30	.4	.3	.2	.3	.3	.3	.4	.4	.4	.6	.3	.3	.3	.3	.4	.5	.3	.2	.3	.3	.3	.3	BD	.5	23	.6
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	29	30	30	30	29	30	30	30	30	30	30	30	1	6		
MAX:	2.4	1.2	.9	.7	.6	.6	.9	1.0	1.2	1.0	2.0	3.6	4.9	7.8	3.9	4.0	2.0	1.3	1.6	4.4	5.6	4.9	.2	.6		
AVG:	.43	.27	.19	.16	.15	.17	.23	.31	.35	.30	.32	.44	.45	.51	.50	.41	.33	.24	.27	.35	.42	.51	.20	.47		

MONTHLY OBSERVATIONS: 665 MONTHLY MEAN: .33 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

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 Environmental Quality

REPORT FOR: JULY 2015

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	.2	.2	.2	.2	.2	.4	.6	.7	.7	.6	.6	.8	.9	.9	.9	.8	1.0	.9	.9	.9	BD	1.0	23	1.0
2	.8	.7	.6	.6	.5	.5	.5	.6	.6	.8	.5	.4	.3	.2	.2	.2	.2	.2	.2	.1	.1	.1	BD	.3	23	.8
3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	BD	.3	23	.3
4	.2	.1	.2	.1	.1	.1	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.4	.3	BD	.6	23	.6
5	.4	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.2	.6	.1	.1	BD	.5	23	.6
6	.2	.2	.1	.1	.1	.1	.1	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.7	.4	BD	.5	23	.7
7	.3	.3	.2	.2	.2	.2	.2	.3	.3	.3	.3	.6	.4	.4	.4	.4	.4	.4	.4	.6	.5	.5	BD	.4	23	.6
8	.3	.2	.2	.2	.2	.2	.2	.3	.5	.9	1.1	1.0	1.9	.5	.2	.2	.1	.1	.1	.1	.1	.1	BD	.6	23	1.9
9	.3	.2	.2	.2	.1	.1	.2	.6	1.7	1.3	1.7	.9	1.2	1.0	.8	.7	.6	.6	.2	.2	.2	.2	BD	.3	23	1.7
10	.2	.2	.2	.1	.1	.1	.2	.5	.4	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	BD	.4	23	.5
11	.2	.2	.1	.2	.2	.2	.2	.3	.1	.1	.1	.1	.1	.2	.2	.2	.2	.5	.2	.1	.0	.0	BD	.3	23	.5
12	.4	.3	.3	.2	.2	.2	.8	1.0	1.0	1.2	.7	.5	.4	.4	.4	.4	.3	.1	.1	.1	.1	.1	BD	.2	23	1.2
13	.1	.1	.1	.1	.1	.1	.3	.4	.4	.3	.4	.2	.1	.1	.4	.8	.3	.4	.1	.1	.1	.1	BD	.2	23	.8
14	.1	.3	.3	.2	.2	.1	.3	.5	.2	.1	.1	.1	.5	.3	1.3	.4	.1	.1	.1	.1	.1	.1	BD	.2	23	1.3
15	.2	.2	.1	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.4	.4	.1	.2	.5	.2	.1	.1	.1	BD	.2	23	.5
16	.2	.1	.1	.2	.1	.1	.3	.4	.5	.3	.3	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	BD	.3	23	.5
17	.2	.2	.2	.2	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	BD	.2	23	.2
18	.2	.3	.2	.2	.1	.1	.2	.2	.3	.3	.2	.2	.1	.0	.0	.0	.2	.2	.1	.2	.2	.1	BD	.4	23	.4
19	.1	.1	.0	.0	.0	.0	.0	.1	.4	.3	.2	.1	.1	.2	.8	.1	.1	.1	.1	.1	.1	.1	BD	.3	23	.8
20	.2	.1	.0	.0	.1	.1	.1	.2	.4	.9	.7	.4	.6	.6	.3	.4	.4	.5	.3	.3	.4	.1	BD	.2	23	.9
21	.1	.1	.1	.0	.1	.2	.2	.3	.5	.8	.2	.3	1.6	1.3	.7	1.3	1.4	1.7	.2	.1	.1	.2	BD	.3	23	1.7
22	.1	.1	.0	.0	.1	.1	.3	.3	.2	.2	.2	.1	.1	.1	.2	.4	.8	.6	.4	.3	.2	.1	BD	.2	23	.8
23	.1	.1	.1	.1	.1	.1	.1	.2	.9	.8	.6	.3	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0	BD	.8	23	.9
24	.6	.5	.3	.2	.4	.8	.2	.4	.8	.8	.6	.4	.3	.3	.1	.2	.2	.1	.1	.1	.1	.1	BD	.2	23	.8
25	.1	.1	.1	.0	.0	.0	.1	.2	.2	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	BD	.2	23	.3
26	.2	.2	.2	.1	.1	.1	.1	.6	.7	.8	.7	.4	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	BD	.2	23	.8
27	.1	.1	.1	.0	.0	.0	.0	.3	.3	.4	.4	.2	.2	.3	.2	.1	.1	.1	.0	.0	.0	.0	BD	.3	23	.4
28	.1	.0	.0	.0	.0	.0	.0	.1	.2	.3	.2	.2	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	BD	.3	23	.3
29	.1	.1	.1	.1	.0	.0	.1	.5	.5	.5	.4	.4	.5	.3	.1	.0	.0	.1	.1	.0	.0	.0	BD	.5	23	.5
30	.2	.1	.1	.1	.1	.1	.2	.6	.8	.8	.7	.3	.2	.1	.5	.4	.3	.2	.2	.2	.1	.1	BD	.2	23	.8
31	.1	.1	.1	.1	.1	.2	.2	.4	.5	.5	.5	.4	.4	.4	.4	.3	.3	.7	1.0	.8	.4	.2	BD	.3	23	1.0
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:	.8	.7	.6	.6	.5	.8	.8	1.0	1.7	1.3	1.7	1.0	1.9	1.3	1.3	1.3	1.4	1.7	1.0	.9	.9	.9		1.0		
AVG:	.22	.19	.15	.14	.13	.14	.19	.34	.45	.48	.41	.30	.37	.30	.33	.29	.27	.30	.21	.21	.18	.15		.35		

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: .27 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: 37-119-0041 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 Environmental Quality

REPORT FOR: AUGUST 2015

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	.4	.4	.6	.2	.1	.1	.2	.3	.5	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	BD	.4	23	.6
2	.3	.2	.2	.1	.2	.2	.6	1.0	.9	.5	.3	.3	.3	.4	.3	.3	.2	.2	.2	.2	.2	.1	BD	.2	23	1.0
3	.1	.0	.0	.0	.0	.0	.0	.3	.8	.8	.9	.6	.4	.4	.3	.2	.1	.1	.1	.1	.1	.1	BD	.2	23	.9
4	.1	.1	.0	.0	.0	.0	.1	.3	.4	.4	.4	.2	.2	.2	.3	.2	.2	.2	.1	.1	.1	.1	BD	.3	23	.4
5	.2	.1	.2	.1	.1	.2	.2	.3	.3	.2	.3	.4	.4	.5	.3	.2	.2	.2	.2	.4	.5	.1	BD	.2	23	.5
6	.2	.1	.1	.1	.1	.1	.1	.2	.2	AZ	AZ	AZ	AZ	.1	.1	.1	.1	.0	.0	.0	.0	.0	BD	.3	19	.3
7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.1	.1	.1	.0	.1	.0	BD	.1	23	.1
8	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	.2	.1	.1	.1	.1	.0	.0	.1	.3	.1	.1	.1	BD	.2	23	.3
9	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.1	.1	.1	.2	.2	.1	.1	.1	BD	.2	23	.2
10	.1	.2	.4	.4	.1	.2	.6	1.1	.4	.3	.2	.2	.1	.2	.1	.1	.4	.3	.1	.0	.0	.0	BD	.3	23	1.1
11	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.2	.2	.0	.1	.1	.0	.0	.0	.0	BD	.2	23	.3
12	.1	.0	.0	.0	.0	.0	.0	.1	.2	.3	AV	AV	AV	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	21	.3
13	.1	.1	.1	.1	.1	.1	.2	.3	.5	.3	.5	.7	.5	.3	.3	.3	.3	.3	.3	.1	.1	.1	BD	.2	23	.7
14	.1	.1	.1	.1	.1	.0	.1	.2	.6	.6	.5	.4	.3	.2	.2	.1	.1	.1	.1	.0	.0	.0	BD	.2	23	.6
15	.1	.0	.0	.0	.0	.0	.0	.2	.4	.3	.3	.3	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	BD	.3	23	.4
16	.1	.0	.0	.0	.0	.0	.1	.1	.1	.5	.5	.3	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	BD	.2	23	.5
17	.1	.1	.1	.1	.1	.0	.1	.2	.4	.8	1.1	1.3	.4	.2	.2	.4	.3	.2	.2	.4	.6	.2	BD	.2	23	1.3
18	.1	.0	.0	.0	.0	.0	.0	.2	.3	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.0	.0	.0	BD	.2	23	.3
19	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	BD	.3	23	.3
20	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.4	.7	.2	.2	.1	.0	.0	.0	.0	.1	.2	.1	24	.7
21	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.3	.4	.5	.4	.6	.5	.5	.3	.1	.1	.2	BD	.3	23	.6
22	4.2	2.9	2.3	1.7	.8	.6	.8	.9	1.1	.7	.5	.5	.5	.3	.3	.2	.2	.2	.3	.5	.3	.3	BD	.3	23	4.2
23	.1	.1	.1	.1	.1	.0	.1	.1	.1	.2	.3	.3	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	BD	.3	23	.3
24	.1	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	.3	.5	.4	.5	.5	.5	.3	.1	.1	.1	.0	BD	.3	23	.5
25	.1	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.3	.8	.4	.2	.3	.4	.5	.4	.4	.2	.5	BD	.2	23	.8
26	.2	.2	.1	.1	.1	.1	.2	.5	.7	.5	.3	.3	.3	.4	.3	.3	.2	.2	.2	.2	.3	2.4	BD	2.2	23	2.4
27	1.6	1.0	.7	.7	.9	.6	.7	.9	1.0	1.0	.7	.4	.3	.3	.4	.3	.3	.2	.2	.2	.1	.1	BD	.2	23	1.6
28	.1	.0	.0	.0	.0	.0	.7	1.3	.9	.5	.4	.2	.2	.2	.1	.1	.1	.1	.1	.1	.2	.2	BD	.2	23	1.3
29	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	BD	.2	23	.2
30	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	BD	.2	23	.2
31	.1	.0	.0	.0	.0	.0	.1	.2	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	BD	.1	.1	.0	.0	.0	23	.2
NO.:	31	31	31	31	31	31	31	31	31	30	29	29	29	31	31	31	31	31	30	31	31	31	3	31		
MAX:	4.2	2.9	2.3	1.7	.9	.6	.8	1.3	1.1	1.0	1.1	1.3	.8	.7	.5	.6	.5	.5	.4	.5	.6	2.4	.2	2.2		
AVG:	.30	.19	.17	.13	.10	.09	.18	.31	.35	.33	.33	.30	.28	.25	.20	.18	.17	.16	.14	.12	.12	.17	.10	.28		

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: .21 MONTHLY MAX: 4.2

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: 37-119-0041 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 Environmental Quality

REPORT FOR: SEPTEMBER 2015

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	.0	.1	.1	.5	1.0	1.0	.5	.4	.3	.3	.3	.4	.3	BD	.2	.1	.1	.1	.1	23	1.0
2	.1	.0	.0	.1	.1	.1	.1	.2	.3	.2	.1	.1	.2	.2	.3	.3	.2	.2	BD	.2	.1	.1	1.1	.4	23	1.1
3	.1	.1	.1	.0	.0	.0	.1	.2	.2	.3	.6	.7	.6	.5	.6	1.1	.6	1.1	BD	.4	.3	.2	.1	.1	23	1.1
4	.1	.1	.1	.1	.1	.1	.2	.3	.7	2.2	1.2	.6	.5	.5	.2	.2	.2	.3	BD	.1	.1	.1	.1	.1	23	2.2
5	.1	.2	.4	.4	.4	.5	.6	.3	.2	.3	.2	.3	.2	.2	.2	.4	.5	.3	BD	.6	.4	.1	.1	.5	23	.6
6	1.6	1.0	.7	.6	.7	.3	.1	.1	.1	.2	.4	.5	.6	.2	.5	.4	.3	.2	BD	.3	.1	.1	.0	.0	23	1.6
7	.1	.0	.1	.8	.5	.2	.4	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	BD	.2	.1	.0	.1	.4	23	.8
8	.2	.1	.0	.0	.0	.1	.7	1.3	.3	.2	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	10	1.3
9	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	.1	.1	.2	.2	.1	.1	.1	.0	BD	.2	.1	.0	.0	.0	13	.2
10	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.4	.3	.2	.1	.1	.1	.1	AV	BD	.1	.0	.0	.0	.0	22	.4
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	BD	.1	.0	.0	.0	.0	23	.1
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	BD	.1	.1	.0	.0	.0	23	.1
13	.0	.0	.0	.0	.0	.0	.0	.1	.5	.5	.2	.1	.0	.0	.0	.0	.0	.0	BD	.1	.1	.1	.0	.0	23	.5
14	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.1	.1	.1	.1	.1	.2	.3	.2	BD	.1	.1	.1	.1	.1	23	.3
15	.1	.0	.0	.0	.1	.1	.2	.1	.3	.4	.2	.2	.4	.5	.3	.2	.2	.1	BD	.2	.1	.1	.1	.1	23	.5
16	.1	.1	.1	.0	.0	.1	.1	.2	.3	.4	.4	.3	.3	.4	.5	.3	.2	.2	.1	.1	.1	.1	.1	.1	24	.5
17	.1	BD	.2	.1	.0	.1	.1	.2	.3	.3	.1	.1	.2	.1	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	23	.3
18	.0	BD	.1	.1	.0	.0	.0	.1	.2	.3	.2	.2	.2	.2	.1	.1	.2	.4	.2	.1	.1	.1	.1	.2	23	.4
19	.1	BD	.1	.1	.1	.3	.2	.3	.3	.5	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	23	.5
20	.2	BD	.3	.2	.2	.2	.2	.1	.4	.3	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.2	.2	.2	.2	23	.4
21	.1	BD	.2	.1	.1	.1	.1	.3	.4	.3	.3	.3	.3	.3	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	23	.4
22	.0	BD	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.2	23	.2
23	.2	BD	.2	.2	.1	.2	.3	.3	.3	.3	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.3	23	.3
24	.5	BD	.2	.3	.3	.2	.2	.4	.3	.3	.2	.1	.2	.1	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	23	.5
25	.0	BD	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.3	.1	.0	.0	.0	.0	.1	23	.3
26	.1	BD	.1	.2	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	23	.2
27	.0	BD	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	23	.1
28	.0	BD	.1	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
29	.0	BD	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	23	.2
30	.0	.0	.0	.0	.0	.0	.0	BD	BC	BC	BC	BC	BC	.5	.2	.1	.1	.1	.1	.0	.0	.0	.0	.2	18	.5
31																									0	
NO.:	29	16	29	29	29	29	29	28	28	28	28	28	28	29	29	29	29	28	15	29	29	29	29	29		
MAX:	1.6	1.0	.7	.8	.7	.5	.7	1.3	.7	2.2	1.2	.7	.6	.5	.6	1.1	.6	1.1	.2	.6	.4	.2	1.1	.5		
AVG:	.13	.10	.11	.11	.10	.09	.13	.18	.22	.30	.24	.19	.19	.18	.16	.18	.16	.16	.07	.13	.10	.07	.10	.12		

MONTHLY OBSERVATIONS: 662 MONTHLY MEAN: .15 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: 37-119-0041 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 Environmental Quality

REPORT FOR: OCTOBER 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.0	BD	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
2	.0	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
3	.0	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
4	.0	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
5	.0	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
6	.0	BD	.2	.1	.0	.0	.1	.2	.2	.2	.3	.4	.3	.3	.4	.3	.2	.1	.1	.1	.0	.0	.0	.1	23	.4
7	.1	BD	.2	.1	.1	.1	.3	.4	.3	.6	.3	.2	.2	.2	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	23	.6
8	.0	BD	.2	.1	.1	.2	.2	.4	.2	.2	.3	.5	.6	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	23	.6
9	.0	BD	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.2
10	.0	BD	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
11	.0	BD	.1	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	23	.1
12	.1	AM	.4	.2	.2	.1	.2	.2	BD	BD	BD	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	20	.4
13	.0	BD	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	23	.1
14	.0	BD	.1	.0	.0	.0	.1	.3	.2	.7	1.5	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	23	1.5
15	.0	BD	.1	.0	.0	.0	.2	.2	.4	.6	.4	.4	.5	.3	.3	.3	.2	.1	.1	.0	.0	.0	.0	.0	23	.6
16	.0	BD	.1	.0	.0	.0	.0	.0	.2	.3	.4	.6	.5	.6	.6	.6	.5	.3	.2	.1	.1	.1	.1	.1	23	.6
17	.1	BD	.1	.0	.0	.0	.0	.1	.2	.5	.6	.9	.3	.2	.2	.2	.2	.1	.0	.2	.2	.1	.1	.1	23	.9
18	.1	BD	.1	.1	.0	.0	.0	.4	1.4	.6	.3	.2	.2	.2	.3	.4	.5	.3	.1	.0	.0	.1	.1	.1	23	1.4
19	.0	BD	.1	.0	.0	.0	.1	.1	.5	.3	.3	.4	.3	.3	.3	.2	.2	.2	.1	.1	.0	.0	.0	.0	23	.5
20	.0	AM	.1	.0	.0	.0	.1	.2	.2	.5	BD	BD	.4	.3	.2	.3	.3	.2	.1	.1	.0	.0	.0	.1	21	.5
21	.1	BD	.2	.1	.1	.2	.4	.4	.3	.7	.5	.4	.3	.3	.2	.3	.5	.4	.2	.1	.2	.1	.1	.1	23	.7
22	.1	BD	.2	.2	.2	.2	.3	.4	.4	.9	1.4	.6	.5	.4	.3	.2	.2	.2	.1	.1	.1	.1	.1	.1	23	1.4
23	.1	BD	.3	.2	.2	.2	.3	.4	.3	.6	.6	.9	.8	.7	.7	.7	.7	.4	.2	.1	.1	.1	.1	.1	23	.9
24	.1	BD	.2	.1	.0	.0	.0	.0	.1	.1	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.0	.0	.0	23	.2
25	.0	BD	.1	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.2	.2	.2	.1	.1	.0	.1	.1	.1	.1	.4	23	.4
26	1.1	BD	1.0	.5	.4	.2	.2	.3	.8	.9	AZ	AZ	AZ	AZ	.2	.1	.1	.1	.1	.1	.1	.2	.6	.8	19	1.1
27	.4	BD	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	23	.4
28	.0	BD	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	23	.1
29	.0	BD	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	23	.2
30	.1	AM	.4	.2	.2	.2	.3	BA	.5	.3	BD	BD	.4	.3	.3	.3	.3	.3	.1	.1	.1	.1	.1	.1	20	.5
31	.1	BD	.2	.5	.3	.2	.2	.3	.4	.4	.4	.4	.3	.3	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	23	.5
NO.:	31		31	31	31	31	31	30	30	30	27	28	30	30	31	31	31	31	31	31	31	31	31	31		
MAX:	1.1		1.0	.5	.4	.2	.4	.4	1.4	.9	1.5	.9	.8	.7	.7	.7	.7	.4	.2	.2	.2	.2	.6	.8		
AVG:	.08		.17	.08	.06	.05	.10	.15	.23	.29	.30	.25	.22	.19	.18	.17	.16	.11	.05	.05	.04	.04	.05	.07		

MONTHLY OBSERVATIONS: 701 MONTHLY MEAN: .13 MONTHLY MAX: 1.5

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: 37-119-0041 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 Environmental Quality

REPORT FOR: NOVEMBER 2015

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	BD	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
2	.0	BD	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
3	.0	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
4	.0	BD	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
5	.0	BD	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
6	.0	BD	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
7	.0	BD	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
8	.0	BD	.1	.1	.2	.2	.1	.1	.3	.3	.3	.3	.2	.2	.1	.2	.1	.1	.1	.2	.2	.3	.3	.2	23	.3
9	.1	BD	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
10	.0	BD	.1	.0	.0	.0	.0	.0	.0	.1	.5	.7	.3	BA	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	.7
11	.0	.0	.1	.1	.1	.1	.1	.2	.2	.1	.4	.4	.8	.4	.2	.2	.2	.2	.1	.0	.1	.1	.1	.1	24	.8
12	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	BA	BA	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.1	22	.2
13	.1	AM	.1	.1	.0	.0	.0	.0	.1	.2	.1	.1	BA	.1	.1	.1	.0	.1	.1	.1	.0	.1	.0	.1	22	.2
14	.1	BA	.3	.2	.2	.0	.0	.1	.4	.4	.6	.6	.5	.4	.2	.1	.1	.1	.2	.2	.3	.3	.2	.2	23	.6
15	.2	BA	.3	.3	.2	.2	.2	.3	.2	.6	.7	.9	1.3	.8	.3	.3	.3	.4	.4	.3	.2	.1	.1	.1	23	1.3
16	.1	BA	.1	.1	.1	.2	.2	.4	.4	.7	.7	BA	BA	BA	BA	.4	.3	.3	.2	.2	.4	.3	.3	.2	19	.7
17	.2	BA	.3	.2	.2	.2	.2	.2	.4	.4	.4	BA	BA	BA	BA	BA	.3	.2	.3	.3	.2	.2	.2	.3	18	.4
18	.4	BA	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
19	.0	BA	.0	.0	.0	.0	.0	BF	BF	BF	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	6	0.0
20	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BC	BC	BC	BC	BC	BC	.1	.1	.1	.0	.1	.2	1.0	.8	8	1.0
21	.7	BD	.5	.4	.5	.4	.4	.3	.8	.6	.3	.2	.2	.1	.2	.2	.2	.2	.1	.1	.1	.1	.1	.0	23	.8
22	.0	BD	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.1	.1	.2	.1	.0	23	.2
23	.0	BD	.0	-.1	.0	.0	.0	.1	.1	.1	.1	.1	.5	.6	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	23	.6
24	.0	BD	.0	.0	.0	.1	.2	.4	.5	2.4	7.4	1.9	.8	.3	.3	.3	.4	.2	.3	.2	.2	.2	.2	.1	23	7.4
25	.1	BD	.2	.1	.2	.2	.2	.2	.3	.3	.3	.3	.2	.2	.2	.1	.1	.1	.1	.1	.0	.1	.1	.2	23	.3
26	.3	BD	.3	.2	.1	.1	.1	.1	.4	.4	.3	.4	.3	.4	.5	.4	.1	.1	.0	.0	.1	.0	.1	.1	23	.5
27	.0	BD	.0	.0	.0	.0	.0	-.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	23	.2
28	.2	BD	.2	.2	.3	.3	.3	.3	.2	.1	.3	.2	.2	.4	.1	.1	.0	.0	.0	.1	.2	.2	.2	.2	23	.4
29	.2	BD	.2	.1	.1	.1	.0	.0	.0	.1	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	23	.2
30	.0	BD	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	.0	BA	BA	BA	.1	.0	.0	.1	.0	.0	.0	.0	-.1	20	.1
31																									0	
NO.:	29	2	29	29	29	29	29	28	28	28	28	25	23	24	24	27	29	29	29	29	29	29	29	29		
MAX:	.7	.1	.5	.4	.5	.4	.4	.4	.8	2.4	7.4	1.9	1.3	.8	.5	.4	.4	.4	.4	.3	.4	.3	1.0	.8		
AVG:	.10	.05	.14	.08	.08	.08	.07	.09	.15	.25	.45	.26	.25	.18	.11	.10	.08	.08	.08	.08	.09	.09	.11	.10		

MONTHLY OBSERVATIONS: 643 MONTHLY MEAN: .13 MONTHLY MAX: 7.4

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

(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 Environmental Quality

REPORT FOR: DECEMBER 2015

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	BD	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
2	.0	BD	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	-.1	-.1	.0	.0	.0	.0	23	.1
3	.0	BD	.0	.0	.0	-.1	.5	2.6	.2	.2	.1	.2	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	23	2.6
4	.1	BD	.3	.2	.1	.2	.3	.3	.5	.4	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.2	23	.5
5	.2	BD	.2	.1	.1	.1	.2	.2	.4	.6	.6	.6	.7	.8	.9	.6	.6	.6	.5	.5	.5	.5	.5	.5	23	.9
6	.6	BD	.8	.7	.6	.4	.4	.2	.5	.6	.7	.6	.4	.3	.2	.2	.2	.2	.2	.2	.3	.2	.2	.2	23	.8
7	.3	BD	.3	.2	.2	.2	.3	.3	.5	.4	.5	.5	.3	.3	.3	.3	.3	.2	.3	.1	.1	.3	.1	.0	23	.5
8	.0	BD	.1	.1	.0	.1	.1	.3	.5	.1	.1	.1	.1	.2	.3	.4	.5	.2	.1	.1	.0	.0	.0	.0	23	.5
9	.0	BD	.1	.0	.0	.0	.0	.1	.1	.0	.0	.5	.5	.2	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0	23	.5
10	.1	BD	.1	.0	.0	.0	.1	.4	.5	.5	.5	.6	.6	.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.1	23	.6
11	.1	BD	.1	.1	.0	-.1	.0	.0	.0	.0	.2	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
12	.0	BD	.1	.0	.0	.0	.0	.1	.0	.0	-.1	.0	.1	.2	.1	.1	.1	.0	.0	.0	.2	.3	.3	.2	23	.3
13	.2	BD	.3	.1	.1	.1	.1	.1	.2	.1	.1	.4	.2	.1	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	23	.4
14	.0	BD	.0	.0	.0	-.1	.0	-.1	-.1	.0	.0	.0	.0	.2	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	.2
15	-.1	BD	.0	.0	.0	.0	.0	.0	.0	.2	.5	.6	.4	.3	.3	.2	.1	.1	.2	.3	.3	.3	.4	.3	23	.6
16	.3	BD	.3	.4	1.9	1.3	.7	.4	.7	.7	.4	.3	.3	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	23	1.9
17	.0	BD	.0	.0	.0	.0	.0	-.1	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.1	.0	.0	23	.1
18	.0	BD	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	23	.1
19	.0	BD	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.1	.1	.1	.0	.1	23	.2
20	.2	BD	.2	.2	.2	.2	.2	.2	.3	.7	.9	.9	.5	.3	.3	.2	.1	.2	.2	.2	.2	.2	.1	.1	23	.9
21	.1	BD	.2	.2	.1	.1	.2	.2	.3	.5	.4	.5	.7	.7	.5	.4	.2	.1	.1	.1	.2	.2	.4	.5	23	.7
22	.4	BD	.2	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	-.1	-.1	23	.4
23	-.1	BD	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0
24	-.1	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	23	.3
25	-.1	BD	.0	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	23	.3
26	.0	BD	.0	.0	.0	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	-.1	-.1	-.1	23	.1
27	-.1	BD	.1	.1	.0	.0	.0	-.1	-.1	-.1	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	.1
28	-.1	BD	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	23	.1
29	-.1	BD	.0	.0	.0	.0	-.1	-.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	23	.1
30	-.1	BD	.0	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	-.1	-.1	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0
31	-.1	BD	.0	.0	.0	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	.0	.3	.6	.1	.0	23	.6
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:	.6		.8	.7	1.9	1.3	.7	2.6	.7	.7	.9	.9	.7	.8	.9	.6	.6	.6	.5	.5	.5	.6	.5	.5		
AVG:	.05		.11	.08	.10	.06	.08	.15	.13	.15	.17	.22	.19	.15	.12	.11	.09	.07	.05	.05	.07	.09	.06	.05		

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: .10 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: 37-129-0006 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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2015

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	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.1	1.5	1.6	1.6	1.5	1.5	1.4	1.4	1.2	1.1	1.0	1.0	1.1	1.0	1.0	23	1.6
2	BF	1.1	1.1	1.0	1.1	1.0	1.1	1.2	1.4	1.6	1.6	1.5	1.4	1.3	1.3	1.2	1.3	1.2	1.2	1.1	1.1	1.0	1.0	1.0	23	1.6
3	BF	1.0	1.0	.9	.9	.9	1.0	1.0	1.0	1.1	1.1	1.2	1.1	1.2	1.3	1.0	1.0	.9	.9	.9	.8	.9	.9	.8	23	1.3
4	BF	.8	.9	.7	.7	.8	.7	.7	.7	.7	.7	.8	.7	.8	.7	.7	.6	.6	.6	.7	.7	.8	.6	.7	23	.9
5	BF	.8	.7	.8	.7	.7	.7	.8	1.1	.9	.9	.9	.9	.9	.9	.9	1.0	1.0	.9	.9	1.1	.9	1.0	1.0	23	1.1
6	BF	1.0	.9	.9	.9	1.0	1.0	1.0	1.0	1.1	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.1	1.2	1.0	1.0	1.0	1.0	1.0	23	1.5
7	BF	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.4	3.1	1.7	1.7	1.9	2.0	1.6	1.6	1.8	2.0	1.9	1.4	1.7	2.5	2.8	2.4	23	3.1
8	BF	2.6	2.7	AV	AV	AV	AV	1.7	1.6	1.6	1.6	1.7	1.7	1.6	1.6	1.6	1.5	1.6	1.4	1.3	1.3	1.4	1.4	1.4	19	2.7
9	BF	1.4	1.3	1.3	1.4	2.0	1.8	1.8	1.8	1.8	1.8	1.7	1.7	AE	1.6	1.6	1.8	1.8	1.8	1.8	1.8	1.8	2.7	4.4	22	4.4
10	BF	3.1	1.9	1.9	2.2	2.2	2.1	2.3	2.4	2.3	2.2	2.0	2.0	2.0	1.9	1.8	1.8	1.6	1.4	1.5	1.5	1.5	1.5	1.3	23	3.1
11	BF	1.3	1.4	1.5	1.4	1.3	1.5	1.8	2.1	2.1	1.9	1.9	1.9	1.9	1.7	1.8	1.6	1.5	1.4	1.3	1.4	1.3	1.4	1.5	23	2.1
12	BF	1.4	1.3	1.2	1.3	1.2	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.4
13	BF	.9	1.0	.9	.9	.9	.8	.9	1.0	1.0	1.0	1.0	1.0	.9	1.0	.9	.9	1.0	.9	.9	.9	1.0	1.0	.9	23	1.0
14	BF	1.0	.9	.9	.9	.9	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.0	1.0	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.0	23	1.2
15	BF	1.1	1.0	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.2	1.3	1.4	1.4	1.2	1.2	1.2	1.3	1.2	1.2	1.1	1.1	1.0	1.0	23	1.4
16	BF	1.0	.9	1.0	1.1	1.0	1.1	1.1	1.1	1.2	1.4	1.3	1.3	1.4	1.3	1.2	1.1	1.2	1.3	1.2	1.1	1.0	1.2	1.2	23	1.4
17	BF	1.0	1.0	1.0	1.1	1.1	1.2	1.1	1.1	1.3	1.5	1.6	1.6	1.7	1.6	1.6	1.5	1.3	1.2	1.1	1.2	1.2	1.2	1.1	23	1.7
18	BF	1.1	1.2	1.2	1.1	1.2	1.1	1.1	1.0	1.0	1.0	1.0	1.1	1.3	1.4	1.4	1.3	1.3	1.9	1.6	1.8	1.4	1.1	1.0	23	1.9
19	BF	1.1	1.0	1.0	1.1	1.1	1.1	1.1	1.4	1.8	1.3	1.4	1.8	1.3	1.2	1.3	1.2	1.3	1.3	1.2	1.1	1.0	1.1	1.1	23	1.8
20	BF	1.1	1.1	1.2	1.3	1.3	1.4	1.4	1.6	1.6	1.6	1.7	1.8	1.9	1.9	2.0	2.0	1.7	1.5	1.3	1.2	1.2	1.2	1.1	23	2.0
21	BF	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.6	2.1	2.2	2.2	2.0	3.4	2.5	2.4	1.7	1.5	1.2	1.2	1.1	1.1	1.1	23	3.4
22	BF	1.1	1.1	1.0	1.0	1.0	1.0	1.1	1.0	1.3	2.0	1.8	1.5	1.5	1.5	1.4	1.4	1.5	1.5	1.4	1.3	1.3	1.2	1.1	23	2.0
23	BF	1.2	1.2	1.2	1.3	1.4	1.6	1.6	1.5	1.5	1.3	1.3	BA	BA	AE	1.1	AE	AE	1.1	1.1	1.1	1.1	1.0	1.0	18	1.6
24	BF	1.0	1.0	1.0	.8	.9	.8	.8	.8	.8	.8	.9	.9	1.1	1.1	1.0	1.6	1.4	1.0	.9	.9	.9	.9	1.0	23	1.6
25	BF	1.0	.9	.8	.9	.9	.9	1.0	1.0	AE	AE	AE	1.8	1.4	1.3	1.4	2.2	AE	AE	AE	AE	AE	AE	AE	13	2.2
26	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	1.1	1.3	1.5	1.5	1.8	1.5	1.3	1.2	1.1	1.2	1.1	1.1	1.0	1.1	14	1.8
27	BF	1.1	1.2	1.3	1.3	1.3	1.4	1.6	1.6	1.8	2.2	2.3	2.0	1.9	1.8	1.9	1.8	1.8	1.4	1.2	1.0	1.1	1.1	1.1	23	2.3
28	BF	1.1	1.7	2.2	2.0	1.9	2.1	2.1	3.5	2.6	2.3	2.4	2.1	2.0	1.8	1.7	2.0	1.9	1.4	1.5	1.3	1.3	1.2	1.2	23	3.5
29	BF	1.2	1.2	1.3	1.3	1.2	1.3	1.3	1.4	2.5	2.6	2.3	2.1	1.8	2.3	2.9	1.8	1.8	1.6	3.9	1.7	1.6	1.6	1.5	23	3.9
30	BF	1.3	1.3	1.2	1.3	1.3	1.3	1.4	1.6	1.7	1.6	1.5	1.6	1.6	1.5	1.5	1.3	1.3	1.4	1.3	1.4	1.5	1.4	1.4	23	1.7
31	BF	2.1	2.4	1.7	1.7	1.7	2.2	1.9	2.8	1.9	1.8	2.0	1.9	1.8	1.8	1.8	1.6	1.6	2.3	1.8	1.4	1.3	1.2	1.2	23	2.8
NO.:		30	30	29	29	29	29	30	30	29	30	30	30	29	30	31	30	29	30	30	30	30	30	30		
MAX:		3.1	2.7	2.2	2.2	2.2	2.2	2.3	3.5	3.1	2.6	2.4	2.2	2.0	3.4	2.9	2.4	2.0	2.3	3.9	1.8	2.5	2.8	4.4		
AVG:		1.24	1.22	1.16	1.18	1.19	1.24	1.29	1.42	1.53	1.52	1.53	1.54	1.49	1.51	1.46	1.46	1.38	1.32	1.30	1.21	1.21	1.23	1.25		

MONTHLY OBSERVATIONS: 684 MONTHLY MEAN: 1.34 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: 37-129-0006 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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	1.3	1.2	1.2	1.3	1.2	1.3	1.3	1.3	1.6	1.8	1.8	1.8	1.5	1.5	1.5	2.2	1.7	1.4	1.5	1.8	1.7	2.3	1.6	23	2.3
2	BF	1.3	1.2	1.2	1.1	1.1	1.2	1.1	1.0	AV	1.0	1.0	1.0	1.0	1.0	1.1	1.2	1.2	1.3	1.5	1.6	1.7	2.0	2.0	22	2.0
3	BF	2.0	1.7	1.9	2.0	1.8	1.6	2.2	2.1	AV	1.8	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.3	1.2	1.2	1.2	22	2.2
4	BF	1.2	1.2	1.3	1.2	1.2	AE	1.2	1.3	1.5	1.5	1.5	1.4	1.5	1.5	1.4	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.1	22	1.5
5	BF	1.1	1.1	1.1	1.0	1.0	1.1	1.1	1.2	1.3	1.4	1.9	2.6	2.4	2.5	2.3	2.1	2.0	1.8	1.7	1.6	1.5	1.5	1.4	23	2.6
6	BF	1.4	1.3	AE	1.3	1.3	1.4	1.3	1.5	1.7	1.8	1.8	2.2	1.8	1.6	2.7	1.9	1.7	2.5	1.6	1.5	1.3	1.3	1.3	22	2.7
7	BF	1.3	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.9	2.6	3.6	2.5	2.5	2.4	3.4	3.8	1.8	1.5	1.4	1.4	1.4	1.4	1.7	23	3.8
8	BF	1.4	1.5	1.7	1.5	1.4	1.4	1.4	1.8	1.9	1.8	1.7	1.5	1.6	1.7	1.6	1.5	1.5	1.4	1.4	1.3	1.2	1.3	1.2	23	1.9
9	BF	1.2	1.1	1.1	1.1	1.2	1.3	1.3	1.4	1.7	1.9	1.8	1.6	1.7	1.4	1.3	1.3	1.3	1.2	1.1	1.1	1.1	1.1	1.1	23	1.9
10	BF	1.1	1.0	1.1	1.1	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.1	1.0	1.1	1.1	1.1	1.0	1.0	1.0	1.1	1.1	1.1	1.1	23	1.1
11	BF	1.1	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.3	1.2	1.3	1.3	1.3	1.3	1.4	1.2	1.1	1.2	1.1	1.1	1.2	1.1	23	1.4
12	BF	1.3	1.2	1.1	1.2	1.2	1.2	1.1	1.2	1.3	1.6	1.8	1.8	1.8	1.7	1.6	1.6	1.7	1.7	1.5	1.3	1.6	1.5	1.5	23	1.8
13	BF	1.4	1.4	1.4	1.8	1.6	1.6	2.1	2.6	2.2	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.1	1.8	1.4	1.4	1.4	1.3	1.2	23	2.6
14	BF	1.3	1.2	1.3	1.3	1.4	1.4	1.4	1.3	2.0	2.5	2.8	3.1	3.1	2.5	1.9	1.8	1.9	1.8	1.8	1.9	2.1	2.0	2.0	23	3.1
15	BF	1.6	1.8	1.6	1.5	1.7	1.7	1.8	1.8	1.8	1.9	1.8	1.9	1.9	1.8	1.8	1.8	1.9	1.8	1.9	1.9	1.7	1.4	1.4	23	1.9
16	BF	1.7	1.8	1.9	2.1	2.1	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.9	2.0	1.9	1.8	1.8	1.7	1.6	1.5	1.4	1.5	1.4	23	2.1
17	BF	1.3	1.4	1.4	1.4	1.3	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.2	1.3	1.4	1.4	1.4	1.3	23	1.4
18	BF	1.4	1.3	1.3	1.3	1.4	1.4	1.4	1.5	2.1	2.2	2.1	1.9	1.7	1.7	1.7	1.6	1.4	1.5	1.6	1.4	1.4	1.5	1.5	23	2.2
19	BF	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.8	1.8	1.7	1.7	1.7	1.8	1.9	BA	1.8	1.8	1.8	1.7	1.7	1.7	1.5	1.6	22	1.9
20	BF	3.1	3.6	2.5	2.3	2.1	2.3	2.5	2.5	2.8	2.9	2.8	2.6	2.4	2.5	2.5	2.5	2.5	2.1	2.0	1.9	2.0	2.1	2.1	23	3.6
21	BF	2.1	2.0	1.9	1.8	1.6	1.6	1.8	2.1	2.2	2.1	2.0	1.8	1.8	1.7	1.6	1.6	1.6	1.5	1.4	1.5	1.4	1.5	1.4	23	2.2
22	BF	1.4	1.4	1.3	1.4	1.4	1.4	1.4	1.4	1.3	1.5	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.3	1.2	1.3	1.2	1.3	23	1.6
23	BF	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.3	1.6	1.6	1.8	1.8	23	1.8
24	BF	2.3	2.2	2.2	2.0	1.8	1.6	1.5	1.4	1.5	1.4	1.4	1.4	1.3	1.3	1.2	1.3	1.3	1.4	1.3	1.4	1.3	1.2	1.2	23	2.3
25	BF	1.2	1.3	1.2	1.3	1.2	1.2	1.3	1.4	1.3	1.4	1.6	1.7	1.5	1.5	1.5	1.4	1.3	1.2	1.3	1.3	1.3	1.3	1.2	23	1.7
26	BF	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.4	1.3	23	1.4
27	BF	1.3	1.2	1.3	1.3	1.3	1.2	1.3	1.3	2.0	2.3	2.0	1.8	2.1	2.3	2.1	2.2	1.8	1.4	1.3	1.3	1.3	1.3	1.5	23	2.3
28	BF	1.5	1.5	1.6	1.6	1.5	1.5	1.6	2.0	2.3	2.5	2.4	2.4	2.4	2.4	2.5	2.4	2.3	2.3	2.5	2.5	2.6	2.4	2.4	23	2.6
29																									0	
30																									0	
31																									0	
NO.:		28	28	27	28	28	27	28	28	26	28	28	28	28	28	27	28	28	28	28	28	28	28	28		
MAX:		3.1	3.6	2.5	2.3	2.1	2.3	2.5	2.6	2.8	2.9	3.6	3.1	3.1	2.5	3.4	3.8	2.5	2.5	2.5	2.5	2.6	2.4	2.4		
AVG:		1.48	1.46	1.44	1.44	1.40	1.41	1.46	1.54	1.70	1.76	1.80	1.78	1.74	1.72	1.73	1.73	1.60	1.53	1.48	1.49	1.48	1.50	1.46		

MONTHLY OBSERVATIONS: 639 MONTHLY MEAN: 1.57 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: 37-129-0006 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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2015

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	1.9	1.7	1.7	1.5	1.5	1.7	1.7	1.7	1.8	1.8	1.8	1.7	1.4	1.5	1.6	1.4	1.4	1.3	1.3	1.3	1.2	23	2.2
2	BF	1.3	1.3	1.2	1.2	1.3	1.3	1.2	1.3	1.3	1.3	1.4	1.3	1.4	1.6	1.4	1.3	1.3	1.2	1.2	1.3	1.4	1.2	1.3	23	1.6
3	BF	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.8	1.9	1.4	1.6	1.7	1.8	1.6	1.7	1.5	1.3	1.2	1.3	1.2	1.2	1.2	1.3	23	1.9
4	BF	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.2	1.2	1.1	1.2	1.4	1.4	1.3	1.2	1.2	1.0	1.0	1.0	1.0	1.0	1.0	23	1.4
5	BF	1.0	1.0	1.0	.9	.9	.9	1.0	1.0	1.0	.9	.9	1.0	1.2	1.2	1.5	1.1	.9	.9	.9	.9	.9	.9	.9	23	1.5
6	BF	.9	1.0	.9	1.0	1.1	1.2	1.4	1.4	1.6	1.6	1.6	1.8	2.0	2.2	2.5	2.8	2.9	2.6	2.2	2.0	1.7	2.0	2.1	23	2.9
7	BF	1.6	1.5	1.3	1.3	1.2	1.2	1.5	2.2	2.7	2.1	2.1	2.0	1.8	1.8	2.0	2.2	2.2	1.7	1.5	1.3	1.2	1.2	1.1	23	2.7
8	BF	1.2	1.1	1.1	1.2	1.1	1.1	1.4	2.0	2.0	1.8	1.5	1.5	1.4	1.4	1.7	1.7	1.7	2.1	2.4	1.9	1.5	1.4	1.2	23	2.4
9	BF	1.2	1.2	1.2	1.3	1.3	1.4	1.7	1.9	1.9	1.8	1.6	1.7	1.7	1.5	1.4	1.2	1.3	1.3	1.4	1.6	1.3	1.2	1.1	23	1.9
10	BF	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.6	1.2	1.2	1.1	1.0	.8	.9	23	1.6
11	BF	1.0	.9	.9	.9	.9	.9	1.0	.9	1.0	1.0	1.1	1.1	1.1	1.0	1.2	1.2	1.0	.9	.8	.8	.9	.8	.9	23	1.2
12	BF	.8	.9	.8	.8	.8	.8	.8	.9	1.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.1	1.1	23	1.2
13	BF	1.1	1.1	1.3	1.4	1.4	1.4	1.4	1.5	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.1	1.1	1.0	1.0	1.1	23	1.5
14	BF	1.0	1.0	.9	1.1	.9	.9	.9	1.0	.9	.9	.9	.9	1.0	.9	1.0	.9	1.0	.9	.8	.9	.9	.8	.8	23	1.1
15	BF	.9	.8	.8	.7	.7	.7	.9	1.0	1.0	1.1	1.0	1.1	1.0	.9	1.0	1.1	1.1	1.1	.9	1.0	1.0	.9	.9	23	1.1
16	BF	1.1	1.0	1.0	1.0	1.2	1.3	1.1	1.1	1.5	1.4	1.3	1.4	1.4	3.5	1.7	1.4	1.3	1.3	1.1	1.1	1.0	1.0	1.0	23	3.5
17	BF	1.0	1.0	1.1	1.1	1.1	1.3	1.6	1.8	1.6	1.6	1.6	1.5	1.4	1.4	1.5	1.5	1.5	1.3	1.2	1.4	1.3	2.0	1.1	23	2.0
18	BF	1.4	1.3	1.2	1.1	1.3	1.2	1.3	1.4	1.5	BA	BA	1.5	1.5	1.6	1.5	1.6	1.5	1.5	1.4	1.4	1.4	1.2	1.2	21	1.6
19	BF	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.1	23	1.4
20	BF	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.2	1.1	1.6	1.4	1.2	1.1	1.0	1.1	1.0	23	1.6
21	BF	1.1	1.0	1.1	1.1	1.0	1.0	1.1	1.2	1.1	1.2	1.1	1.1	1.3	1.3	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.1	23	1.3
22	BF	1.1	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.1	1.5	2.1	1.5	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.0	1.0	1.0	1.0	23	2.1
23	BF	1.1	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.1	1.2	1.2	1.4	1.5	1.4	1.5	1.6	1.4	1.3	1.4	1.3	1.3	1.2	1.2	23	1.6
24	BF	1.4	1.4	1.3	1.3	1.4	1.3	1.3	1.4	1.5	1.4	1.4	1.2	1.2	1.2	1.1	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.1	23	1.5
25	BF	1.1	1.2	1.3	1.2	1.2	1.2	1.4	1.4	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.4
26	BF	1.1	1.0	1.0	.9	.9	1.0	.9	1.0	.9	1.0	1.0	1.0	1.0	.9	1.1	1.1	1.0	.9	1.0	1.0	1.0	1.0	1.0	23	1.1
27	BF	.9	.9	.9	.9	.8	.9	.9	.8	.9	1.0	1.0	.9	.9	.9	.9	.8	.8	.8	.9	1.0	.9	.9	AV	22	1.0
28	BF	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.5	1.6	1.4	1.4	1.4	1.3	1.2	1.2	1.2	1.3	1.2	1.3	1.2	1.2	1.2	1.3	23	1.6
29	BF	1.4	1.3	1.3	1.1	1.2	1.3	1.7	1.9	2.0	2.3	2.1	1.9	1.8	1.8	1.8	1.7	1.8	1.7	1.4	1.4	1.7	1.4	1.2	23	2.3
30	BF	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.5	1.6	1.7	1.6	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	11	1.7
31	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	
NO.:		30	30	30	30	30	30	30	30	30	29	29	29	29	29	29	29	29	29	29	29	29	29	28		
MAX:		2.2	2.1	1.9	1.7	1.7	1.5	1.7	2.2	2.7	2.3	2.1	2.0	2.0	3.5	2.5	2.8	2.9	2.6	2.4	2.0	1.7	2.0	2.1		
AVG:		1.17	1.14	1.13	1.12	1.14	1.15	1.22	1.35	1.40	1.38	1.37	1.34	1.35	1.40	1.38	1.34	1.35	1.26	1.23	1.20	1.16	1.13	1.11		

MONTHLY OBSERVATIONS: 675 MONTHLY MEAN: 1.25 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: 37-129-0006 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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2015

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	AN	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	BA	.5	.4	.3	.2	.1	.1	.2	.2	.2	9	.5
2	BF	.2	.1	.2	.1	.2	.1	.4	.3	BC	BC	.3	.3	.2	.2	.5	.7	.4	.1	.1	.1	.1	.0	.0	21	.7
3	BF	.1	.1	.1	.1	.2	.3	.8	.4	.2	.2	.1	.1	.1	.1	.0	.0	-.1	.0	.1	.2	.1	-.1	.0	23	.8
4	BF	.0	.0	.0	.0	.1	.1	.1	.3	.2	.3	.0	.2	.0	.1	.1	.2	.0	.8	.0	.0	.0	.0	.0	23	.8
5	BF	-.1	-.1	.0	.0	.0	.0	.2	.2	.2	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.2
6	BF	.1	.2	.0	.1	.1	.1	.2	.2	.1	.1	.1	.1	.0	.1	.1	.1	.0	.1	.0	.1	.1	-.1	.0	23	.2
7	BF	.0	.0	.0	.0	.2	.0	.1	.2	.1	.0	.0	-.1	.0	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	23	.2
8	BF	.0	.0	-.1	.0	.1	.1	.1	.0	.5	.2	.2	.2	.2	.9	.2	.7	.7	.1	-.1	-.1	-.1	-.2	-.2	23	.9
9	BF	-.2	-.2	-.2	-.2	-.2	.0	-.2	-.2	-.2	-.2	.0	.2	.3	-.1	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.4	23	.3
10	BF	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.2	23	-.1
11	BF	-.2	-.2	-.2	-.2	-.1	-.2	-.1	.0	-.1	.0	-.1	.1	.2	.1	.1	.1	.0	-.1	-.1	-.1	-.1	-.2	-.1	23	.2
12	BF	.0	-.1	-.1	.0	-.1	-.1	.0	.1	.2	.1	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	-.1	-.1	-.2	23	.2
13	BF	.0	-.1	-.1	.0	-.1	-.1	-.1	.0	.0	.0	-.1	-.1	-.1	.0	-.1	-.1	-.1	.0	.0	-.1	-.2	-.1	-.2	23	0.0
14	BF	-.3	-.3	-.3	-.1	.0	.0	-.2	-.1	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.2	.0	-.1	-.2	-.2	-.3	-.3	-.2	23	0.0
15	BF	-.2	-.3	-.2	-.2	-.2	-.3	-.4	-.4	-.3	-.4	-.2	-.3	-.2	-.2	-.3	-.3	-.2	-.2	-.3	-.2	-.2	-.3	-.2	23	-.2
16	BF	-.1	-.2	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.3	23	0.0
17	BF	-.2	-.2	-.2	-.1	-.2	-.2	-.2	.2	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.4	-.2	-.3	-.2	-.3	-.3	-.3	23	.2
18	BF	-.1	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.3	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.2	23	-.1
19	BF	-.2	-.3	-.3	-.3	-.3	-.2	-.3	-.4	-.3	-.3	-.4	-.4	-.4	-.4	-.5	-.3	-.4	-.4	-.3	-.4	-.4	-.4	-.4	23	-.2
20	BF	-.3	-.3	-.4	-.4	-.4	-.4	-.3	-.3	-.2	-.3	-.3	-.2	-.1	-.2	-.1	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	23	-.1
21	BF	-.2	-.2	-.3	-.4	-.4	-.2	-.1	-.2	-.2	-.1	-.2	.0	.0	-.2	-.2	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	23	0.0
22	BF	-.1	-.1	-.2	-.1	.0	.0	.4	.7	.2	.2	-.1	-.1	-.1	-.1	.0	.1	.1	.2	.0	.0	.0	.0	.0	23	.7
23	BF	.2	.2	.3	.4	.2	.4	.4	.2	.3	.1	.1	.2	.2	.3	.2	.8	.7	.5	.2	.1	.0	.1	.1	23	.8
24	BF	.0	.1	.7	.1	.1	.3	.2	.4	.6	.5	.3	.4	.3	.2	.2	.2	.5	.3	.2	.0	.0	.0	.1	23	.7
25	BF	.0	.0	.0	.1	.3	.2	.0	.1	.2	.1	.0	.1	.1	.2	.1	.0	.1	.0	.0	.0	.0	.0	.0	23	.3
26	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.3	-.2	-.1	-.2	-.2	-.2	-.3	-.2	-.3	-.2	-.3	-.2	-.2	23	-.1
27	BF	-.1	-.2	-.1	.0	.0	.0	.1	.3	.5	.4	.2	.2	.2	.2	.2	.2	.4	.4	.2	.2	.2	.2	.1	23	.5
28	BF	.0	.0	.2	.1	.3	.1	.1	.1	.2	.2	.2	.1	.2	.2	.1	.1	.1	.9	1.3	.5	.2	.1	.1	23	1.3
29	BF	.3	.1	.3	.2	.4	.1	.3	.1	BA	.3	.2	.0	.2	.1	.0	.2	.0	.0	.0	-.1	-.1	.0	.0	22	.4
30	BF	.0	.0	-.1	-.1	.0	.0	-.1	.0	.0	.1	.3	.1	.1	.0	.1	.1	.0	-.1	-.1	-.1	.0	-.2	-.1	23	.3
31																									0	
NO.:		29	29	29	29	29	29	29	29	27	28	29	29	29	29	30	30	30	30	30	30	30	30	30		
MAX:		.3	.2	.7	.4	.4	.4	.8	.7	.6	.5	.3	.4	.3	.9	.5	.8	.7	.9	1.3	.5	.2	.2	.2		
AVG:		-.06	-.09	-.06	-.06	-.02	-.02	.02	.05	.04	0.00	-.02	0.00	.01	.01	0.00	.04	.01	.03	-.03	-.07	-.09	-.12	-.10		

MONTHLY OBSERVATIONS: 673 MONTHLY MEAN: -.02 MONTHLY MAX: 1.3

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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2015

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	.2	-.1	-.1	-.1	-.1	.1	.0	.0	.1	.1	-.1	-.1	.0	-.1	-.2	-.1	-.1	-.2	-.2	-.2	-.1	-.1	23	.2
2	BF	-.1	-.1	-.1	.0	.0	.0	.0	.4	.6	.5	.3	.1	.1	.1	.0	.0	.1	.3	.4	.2	.1	.0	.2	23	.6
3	BF	.3	.2	.2	.2	.4	.3	.3	.4	.3	.2	.1	.0	.1	.0	.0	.1	.3	.1	.1	.0	.0	.0	.0	23	.4
4	BF	.1	.5	.3	.5	.3	.5	.4	.2	.2	.1	.1	.4	.2	.2	.0	.1	.1	.1	.0	-.1	.0	.0	.1	23	.5
5	BF	.0	.0	.0	.2	.2	.2	.1	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	23	.2
6	BF	.0	-.1	-.2	-.1	-.2	-.2	-.1	-.1	-.1	-.1	-.2	-.2	-.1	-.2	-.2	-.3	-.2	-.2	-.2	-.1	-.2	-.2	-.1	23	0.0
7	BF	-.2	-.1	-.1	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.3	-.2	-.2	-.3	-.2	-.3	-.3	-.3	-.3	-.3	23	-.1
8	BF	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	23	-.2
9	BF	-.2	-.4	-.3	-.3	-.4	-.3	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	23	-.2
10	BF	-.4	-.5	-.5	-.5	-.5	-.4	-.5	-.4	-.4	-.5	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.4	-.5	-.4	23	-.4
11	BF	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.3	-.3	-.3	-.1	-.2	BA	-.4	-.5	-.5	-.5	-.5	-.6	-.5	-.5	-.5	22	-.1
12	BF	-.5	-.5	-.6	-.6	-.6	-.5	-.5	-.6	-.5	-.4	-.4	-.4	-.5	-.4	-.4	-.3	-.4	-.4	-.5	-.5	-.5	-.5	-.5	23	-.3
13	BF	-.4	-.5	-.5	-.5	-.5	-.4	-.3	-.2	-.2	-.2	-.1	-.2	-.2	-.1	-.2	-.3	-.3	-.4	-.4	-.5	-.5	-.4	-.4	23	-.1
14	BF	-.4	-.5	-.5	-.5	-.4	-.3	-.2	-.2	-.1	.0	-.1	-.2	.1	.0	-.1	-.1	-.1	-.2	-.3	-.3	-.3	-.3	-.3	23	.1
15	BF	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.2	-.2	-.3	-.4	-.4	-.4	-.4	23	-.2
16	BF	-.4	-.4	-.3	-.4	-.4	-.3	.2	.4	-.1	-.2	-.1	-.2	-.3	-.2	-.3	-.3	-.3	-.2	-.2	-.4	-.4	-.4	-.4	23	.4
17	BF	-.4	-.5	-.5	-.4	-.4	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.5	-.5	23	-.3
18	BF	-.4	-.5	-.5	-.4	-.5	-.4	-.1	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.3	-.3	-.4	-.4	-.5	-.5	-.5	-.5	-.5	23	-.1
19	BF	-.4	-.5	-.5	-.4	-.4	-.4	-.2	-.3	-.2	-.3	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.5	-.6	-.6	-.5	-.5	-.5	23	-.2
20	BF	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.3	-.4	-.4	-.2	-.2	-.3	-.4	-.4	-.5	-.5	-.6	-.5	-.5	-.5	-.6	-.5	23	-.2
21	BF	-.4	-.5	-.6	-.6	-.5	-.4	-.4	-.5	-.5	-.5	-.4	-.4	.1	.3	.1	-.4	-.5	-.5	-.5	-.6	-.6	-.6	-.6	23	.3
22	BF	-.5	-.5	-.5	-.5	-.6	-.5	-.4	-.5	-.5	-.4	-.5	-.4	-.3	-.4	-.4	-.5	-.4	-.4	-.4	-.5	-.5	-.5	-.4	23	-.3
23	BF	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.2	-.1	-.2	-.3	-.2	-.3	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.4	-.4	23	-.1
24	BF	-.3	-.5	-.5	-.4	-.4	-.4	-.3	-.2	-.3	-.3	-.4	-.4	-.3	-.3	-.4	-.3	-.3	-.4	-.4	-.4	-.4	-.3	-.4	23	-.2
25	BF	-.2	-.4	-.3	-.4	-.3	-.4	-.4	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.4	-.4	-.5	23	-.2
26	BF	-.5	-.4	-.5	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.5	23	-.4
27	BF	-.3	-.4	-.5	-.5	-.4	-.3	-.4	-.5	.1	-.2	-.4	.0	.1	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	23	.1
28	BF	-.4	-.5	-.4	-.4	-.4	-.5	-.4	-.4	-.5	-.5	-.4	-.4	-.4	-.3	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	23	-.3
29	BF	-.3	-.4	-.5	-.4	-.4	-.3	-.4	-.4	-.4	-.3	-.4	AV	AV	-.1	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.6	21	-.1
30	BF	-.4	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.4	-.4	-.4	-.5	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.5	23	-.4
31	BF	-.5	-.5	-.5	-.4	-.5	-.5	-.4	-.5	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.5	-.5	-.6	-.5	-.5	-.5	-.5	-.5	23	-.4
NO.:		31	31	31	31	31	31	31	31	31	31	31	30	30	30	31	31	31	31	31	31	31	31	31		
MAX:		.3	.5	.3	.5	.4	.5	.4	.4	.6	.5	.3	.4	.2	.3	.1	.1	.3	.3	.4	.2	.1	0.0	.2		
AVG:		-.29	-.33	-.35	-.32	-.33	-.29	-.24	-.23	-.22	-.24	-.25	-.25	-.22	-.24	-.29	-.32	-.31	-.33	-.35	-.38	-.37	-.38	-.37		

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: -.30 MONTHLY MAX: .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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2015

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	-.5	-.5	-.4	-.5	-.4	-.5	-.5	-.5	-.4	-.5	-.4	-.2	-.3	-.5	-.4	-.2	-.3	-.3	-.1	-.3	-.5	-.5	23	-.1
2	BF	-.4	-.5	-.5	-.5	-.5	-.5	-.4	-.3	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.6	-.5	-.6	-.6	-.6	-.6	-.5	-.6	23	-.3
3	BF	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.6	-.5	-.5	-.6	-.5	-.6	-.5	-.5	-.6	-.5	-.6	-.5	-.6	-.6	-.6	23	-.5
4	BF	-.5	-.5	-.5	-.6	-.6	-.6	-.5	-.5	-.5	-.5	-.6	-.5	-.5	-.5	-.5	-.6	-.5	-.5	-.6	-.5	-.5	-.5	-.6	23	-.5
5	BF	-.5	-.5	-.6	-.5	-.4	-.4	-.4	-.2	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	23	-.2
6	BF	-.4	-.6	-.4	-.5	-.5	-.4	-.2	.1	-.1	-.2	-.2	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.4	-.5	-.5	-.5	-.5	23	.1
7	BF	-.5	-.6	-.6	-.5	-.6	-.5	-.4	-.5	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.5	-.5	-.5	-.5	23	-.4
8	BF	-.5	-.4	-.5	-.5	-.5	-.4	-.4	-.2	-.4	-.4	-.5	-.4	-.4	-.5	-.4	-.4	-.5	-.5	-.5	-.5	-.6	-.5	-.6	23	-.2
9	BF	-.5	-.6	-.6	-.5	-.5	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.6	AV	-.6	-.5	-.6	-.6	-.6	-.5	-.5	-.5	22	-.5
10	BF	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.4	-.4	-.5	-.4	-.4	.4	-.1	-.3	-.4	-.4	-.6	-.5	-.6	-.6	-.5	23	.4
11	BF	-.5	-.5	-.6	-.5	-.5	-.6	-.5	BA	BA	-.5	-.4	.2	.2	-.1	-.4	-.4	-.6	-.6	-.5	-.6	-.5	-.6	-.5	21	.2
12	BF	-.5	-.5	-.6	-.6	-.5	-.6	-.4	-.4	-.4	-.5	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	23	-.4
13	BF	-.4	-.4	-.5	-.5	-.5	-.4	-.4	-.4	-.4	-.3	.1	.1	.0	-.3	-.4	-.2	-.3	-.5	-.6	-.6	-.6	-.5	-.6	23	.1
14	BF	-.5	-.5	-.5	-.5	-.5	-.4	-.4	-.1	-.1	-.2	-.3	-.5	-.4	-.5	-.5	-.4	-.2	-.3	-.5	-.6	-.5	-.6	-.5	23	-.1
15	BF	-.5	-.6	-.6	-.5	-.5	-.5	-.2	.0	.1	-.1	-.3	-.3	-.1	-.4	-.2	-.2	-.5	-.4	-.6	-.6	-.5	-.6	-.5	23	.1
16	BF	-.5	-.5	-.5	-.5	-.4	-.4	.4	.4	-.1	-.2	-.4	-.4	-.4	-.3	-.2	.4	-.4	-.4	-.4	-.4	-.5	-.6	-.6	23	.4
17	BF	-.3	-.4	-.4	-.5	-.4	-.1	-.3	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.6	-.6	-.6	23	-.1
18	BF	-.5	-.6	-.6	-.6	-.6	-.5	-.6	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.6	-.5	-.6	-.5	-.6	-.6	-.5	23	-.4
19	BF	-.4	-.5	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.5	-.6	-.5	-.6	-.5	-.6	AV	-.5	-.6	-.5	-.5	-.6	-.6	22	-.4
20	BF	-.4	-.5	-.6	-.5	-.4	-.5	-.2	-.5	-.5	-.5	-.6	-.5	-.6	-.5	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.6	23	-.2
21	BF	-.5	-.6	-.6	-.6	-.6	-.5	-.5	-.5	-.5	-.4	-.5	-.5	-.5	-.6	-.5	-.4	-.4	-.5	-.5	-.5	-.6	-.6	-.6	23	-.4
22	BF	-.4	-.5	-.6	-.7	-.7	-.6	-.5	.0	-.3	-.2	-.4	-.4	-.3	-.2	.0	-.3	-.6	-.5	-.6	-.5	-.6	-.6	-.6	23	0.0
23	BF	-.4	-.6	-.6	-.6	-.6	-.6	-.6	-.5	-.5	-.5	-.6	-.5	-.4	-.4	-.5	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.6	23	-.4
24	BF	-.3	-.6	-.6	-.6	-.6	-.5	-.4	-.4	-.3	-.4	-.5	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.5	23	-.3
25	BF	-.4	-.5	-.5	-.4	-.5	-.6	-.5	-.5	-.4	.1	-.1	-.5	-.5	-.4	.4	-.2	-.5	-.5	-.5	-.6	-.5	-.5	-.6	23	.4
26	BF	-.4	-.6	-.5	-.6	-.5	-.4	-.1	-.2	-.2	-.3	-.3	-.3	-.4	-.4	-.5	-.4	-.3	-.4	-.4	-.5	-.6	-.5	-.4	23	-.1
27	BF	-.4	-.5	-.5	-.6	-.5	-.5	-.5	-.4	-.4	-.4	-.5	-.5	-.6	-.6	-.5	-.6	-.6	-.5	-.5	-.5	-.6	-.6	-.7	23	-.4
28	BF	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.5	-.6	-.6	-.5	-.4	-.3	-.5	-.5	-.6	-.6	-.6	-.7	-.6	-.6	-.6	-.5	23	-.3
29	BF	-.4	-.5	-.6	-.5	-.5	-.6	-.5	-.2	-.3	-.4	-.5	-.4	-.5	-.5	-.5	-.6	-.2	-.4	-.5	-.5	-.5	-.5	-.5	23	-.2
30	BF	-.5	-.5	-.6	-.5	-.5	-.3	.0	-.1	-.3	-.4	-.4	-.5	-.4	-.3	-.3	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.5	23	0.0
31																									0	
NO.:		30	30	30	30	30	30	30	29	29	30	30	30	30	30	29	30	29	30	30	30	30	30	30		
MAX:		-.3	-.4	-.4	-.4	-.4	-.1	.4	.4	.1	.1	.1	.2	.2	.4	.4	.4	-.2	-.3	-.3	-.1	-.3	-.5	-.4		
AVG:		-.45	-.52	-.55	-.53	-.52	-.48	-.39	-.32	-.38	-.38	-.43	-.41	-.39	-.41	-.39	-.41	-.45	-.47	-.52	-.51	-.53	-.55	-.55		

MONTHLY OBSERVATIONS: 686 MONTHLY MEAN: -.46 MONTHLY MAX: .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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2015

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	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.5	-.5	-.5	-.6	-.5	-.5	-.5	23	-.5
2	BF	-.4	-.6	-.5	-.4	-.5	-.5	-.3	-.3	-.4	-.4	-.5	-.4	-.5	-.4	-.3	-.4	-.4	-.5	-.5	-.5	-.6	-.6	-.6	23	-.3
3	BF	-.5	-.5	-.6	-.6	-.6	-.6	-.5	-.5	-.5	-.5	-.6	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.6	-.5	23	-.5
4	BF	-.4	-.5	-.6	-.5	-.5	-.5	-.6	-.5	-.6	-.6	-.5	-.5	-.5	-.5	-.5	-.3	-.3	-.4	-.4	-.5	-.5	-.6	-.6	23	-.3
5	BF	-.4	-.5	-.4	-.4	-.4	-.4	-.3	-.1	-.3	-.5	-.5	-.5	-.4	-.4	-.4	-.3	-.2	-.4	-.5	-.5	-.5	-.6	-.6	23	-.1
6	BF	-.5	-.6	-.6	-.5	-.5	-.4	-.5	-.5	-.5	-.4	-.4	-.5	-.4	-.4	-.4	-.3	-.4	-.5	-.5	-.6	-.5	-.5	-.5	23	-.3
7	BF	-.5	-.6	-.6	-.6	-.5	-.4	-.2	-.2	-.3	-.3	-.4	-.4	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.6	-.6	-.5	-.6	23	-.2
8	BF	-.5	-.6	-.6	-.6	-.5	-.6	-.5	-.4	BA	BA	-.3	-.2	-.2	-.3	-.4	-.4	-.5	-.4	-.5	-.5	-.5	-.6	-.6	21	-.2
9	BF	-.5	-.6	-.6	-.5	-.3	-.3	-.2	-.4	-.3	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.5	-.5	23	-.2
10	BF	-.4	-.4	-.4	-.5	-.4	-.2	-.3	-.4	-.4	-.3	.5	-.3	-.4	-.2	.0	-.2	-.4	-.5	-.5	-.5	-.4	-.5	-.5	23	.5
11	BF	-.4	-.5	-.6	-.6	-.5	-.6	-.4	-.3	-.4	-.3	-.1	.3	.0	-.3	-.4	-.3	-.2	-.3	.1	-.5	-.5	-.6	-.5	23	.3
12	BF	-.4	-.5	-.5	-.6	-.5	-.2	-.2	-.4	-.5	-.6	-.5	-.6	-.5	-.5	-.4	-.5	-.5	-.6	-.6	-.5	-.6	-.5	-.6	23	-.2
13	BF	-.4	-.5	-.7	-.5	-.6	-.5	-.5	-.6	-.6	-.6	-.5	-.6	-.6	-.6	-.6	-.6	-.5	-.5	-.6	-.6	-.5	-.5	-.6	23	-.4
14	BF	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
15	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	
16	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	
17	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	
18	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	
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	AT	AT	AT	.0	-.3	.0	-.1	-.1	-.3	-.1	-.3	-.4	-.3	10	0.0
21	BF	-.3	-.4	-.4	-.4	-.4	-.4	-.3	-.2	-.3	-.4	-.5	-.3	-.4	-.5	-.5	-.5	-.4	-.4	-.5	-.3	-.5	-.4	-.6	23	-.2
22	BF	-.4	-.5	-.5	-.4	-.3	-.3	.7	-.1	-.2	-.3	-.4	-.5	-.3	-.4	-.4	-.4	-.4	-.4	-.6	-.6	-.7	-.7	-.5	23	.7
23	BF	-.4	-.6	-.4	-.6	-.6	-.6	-.5	-.6	-.5	-.4	-.5	.3	-.3	-.4	-.5	-.7	-.6	-.7	-.7	-.7	-.7	-.6	-.7	23	.3
24	BF	-.5	-.7	-.7	-.7	-.8	-.8	-.6	-.6	-.7	-.6	-.6	-.7	-.7	-.6	-.7	-.6	-.6	-.7	-.7	-.5	-.6	-.7	-.6	23	-.5
25	BF	-.5	-.5	-.7	-.6	-.7	-.6	-.6	-.1	-.3	-.4	-.3	-.3	-.3	-.3	-.5	-.5	-.5	-.6	-.6	-.6	-.6	-.7	-.5	23	-.1
26	BF	-.4	-.6	-.5	-.6	-.6	-.6	-.5	-.5	-.6	-.5	-.5	-.5	-.6	-.5	-.6	-.6	-.7	-.7	-.4	-.6	-.6	-.5	-.7	23	-.4
27	BF	-.5	-.7	-.6	-.6	-.7	-.6	-.6	-.7	-.6	-.7	-.6	-.6	-.7	-.6	-.6	-.7	-.6	-.6	-.6	-.5	-.7	-.7	-.6	23	-.5
28	BF	-.6	-.6	-.7	-.7	-.6	-.6	-.6	-.6	-.5	-.6	-.7	-.6	-.7	-.7	-.7	-.7	-.6	-.7	-.6	-.6	-.5	-.7	-.6	23	-.5
29	BF	-.5	-.7	-.6	-.5	-.5	-.5	-.6	-.6	-.6	-.7	-.7	-.6	-.5	-.6	-.5	-.5	-.6	-.6	-.6	-.7	-.6	-.7	-.8	23	-.5
30	BF	-.5	-.6	-.6	-.6	-.5	-.6	-.7	-.6	-.6	-.6	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.6	-.7	-.8	23	-.5
31	BF	-.6	-.7	-.6	-.6	-.5	-.7	-.6	-.3	-.4	-.5	-.6	-.5	-.5	-.6	-.4	-.7	-.7	-.8	-.7	-.6	-.7	-.7	-.7	23	-.3
NO.:		24	24	24	24	24	24	24	24	23	23	24	24	24	25	25	25	25	25	25	25	25	25	25		
MAX:		-.3	-.4	-.4	-.4	-.3	-.2	.7	-.1	-.2	-.3	.5	.3	0.0	0.0	0.0	0.0	-.1	-.1	.1	-.1	-.3	-.4	-.3		
AVG:		-.46	-.56	-.56	-.55	-.52	-.50	-.41	-.42	-.46	-.48	-.44	-.41	-.46	-.46	-.47	-.48	-.47	-.52	-.52	-.54	-.56	-.58	-.58		

MONTHLY OBSERVATIONS: 560 MONTHLY MEAN: -.50 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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2015

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	-.7	-.7	-.6	-.6	-.6	-.4	-.3	-.4	-.2	-.3	-.4	-.4	-.5	-.5	-.7	-.7	-.6	-.6	-.7	-.7	-.7	23	-.2
2	BF	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.4	-.2	-.3	-.4	-.3	-.2	-.3	-.4	-.4	-.5	-.6	-.5	-.7	-.7	-.7	-.4	23	-.2
3	BF	-.5	-.7	-.5	-.6	-.6	-.7	-.6	-.5	-.7	-.6	-.5	AV	-.6	-.6	-.6	-.6	-.1	-.5	-.4	-.4	-.5	-.2	-.2	22	-.1
4	BF	-.4	-.6	-.8	-.6	-.6	-.6	-.7	-.7	-.6	-.6	-.6	BA	-.5	-.6	-.5	-.6	-.6	-.6	-.7	-.6	-.6	-.5	-.6	22	-.4
5	BF	-.5	-.6	-.5	-.7	-.6	-.6	-.7	-.5	-.5	-.5	-.6	-.7	-.4	-.5	-.6	-.7	-.6	-.5	-.5	-.6	-.6	-.6	-.4	23	-.4
6	BF	-.5	-.6	-.7	-.6	-.6	-.8	-.7	-.5	-.4	-.3	-.3	-.5	-.5	-.5	-.6	-.4	-.5	-.7	-.6	-.8	-.6	-.6	-.7	23	-.3
7	BF	-.6	-.7	-.6	-.6	-.6	-.7	-.6	-.6	-.5	-.6	-.7	-.6	-.6	-.6	-.6	-.5	-.3	-.2	-.7	-.6	-.6	-.6	-.6	23	-.2
8	BF	-.6	-.6	-.6	-.5	-.5	-.4	-.6	-.5	-.6	-.4	-.4	-.6	-.5	-.7	-.6	-.6	-.6	-.7	-.5	-.6	-.7	-.6	-.5	23	-.4
9	BF	-.5	-.6	-.5	-.5	-.6	-.6	-.6	-.5	-.6	-.5	-.4	-.5	-.5	-.5	-.3	-.2	-.4	-.5	-.6	-.5	-.5	-.7	-.5	23	-.2
10	BF	-.4	-.5	-.4	-.7	-.5	-.5	-.5	-.5	-.5	-.3	-.5	-.4	-.5	-.5	-.4	-.5	-.5	-.6	-.5	-.5	-.4	-.5	-.4	23	-.3
11	BF	-.3	-.4	-.4	-.6	-.5	-.5	-.6	-.6	-.6	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.6	-.4	-.5	-.5	-.6	-.6	-.6	23	-.3
12	BF	-.5	-.6	-.5	-.4	-.5	-.5	-.5	-.3	-.4	-.1	-.2	.0	-.3	-.1	-.4	-.3	-.4	-.5	-.6	-.5	-.6	-.5	-.6	23	0.0
13	BF	-.4	-.6	-.4	-.5	-.6	-.6	-.5	-.3	-.4	-.5	-.5	-.4	-.3	-.5	-.4	-.4	-.6	-.5	-.4	-.5	-.4	-.5	-.6	23	-.3
14	BF	-.4	-.4	-.5	-.5	-.5	-.5	-.6	-.4	-.3	-.4	-.4	-.3	-.2	-.4	-.4	-.3	-.3	-.4	-.6	-.5	-.5	-.5	-.6	23	-.2
15	BF	-.3	-.4	-.5	-.5	-.4	-.4	-.5	-.4	-.3	-.3	-.5	-.3	-.3	-.2	-.2	-.4	-.3	-.3	-.5	-.6	-.5	-.4	-.5	23	-.2
16	BF	-.4	-.4	-.5	-.5	-.4	-.4	-.5	-.3	-.3	-.3	-.4	-.3	-.3	-.2	-.2	-.2	-.3	-.3	-.4	-.4	-.5	-.5	-.4	23	-.2
17	BF	-.4	-.4	-.4	-.4	-.2	-.3	-.5	.0	-.1	-.4	-.1	-.2	-.3	-.3	-.2	-.1	-.2	-.3	-.4	-.4	-.4	-.6	-.5	23	0.0
18	BF	-.5	-.5	-.3	-.5	-.4	-.3	-.4	-.3	-.2	-.1	-.1	AV	.1	1.6	-.1	-.3	-.4	-.5	-.5	-.5	-.6	-.4	-.5	22	1.6
19	BF	-.2	-.5	-.5	-.4	-.5	-.5	-.4	-.4	.0	-.2	-.4	-.2	-.1	-.5	-.5	-.6	-.4	-.5	-.6	-.4	-.5	-.5	-.6	23	0.0
20	BF	-.4	-.4	-.5	-.4	-.6	-.5	-.6	-.7	-.4	-.5	-.6	-.4	-.6	-.5	-.3	-.3	-.3	-.5	-.5	-.6	-.5	-.5	-.6	23	-.3
21	BF	-.3	-.5	-.5	-.5	-.5	-.3	-.4	-.2	-.3	-.5	-.5	-.5	-.6	-.5	-.4	-.5	-.5	-.5	-.7	-.6	-.4	-.5	-.5	23	-.2
22	BF	-.5	-.5	-.5	-.4	-.4	-.5	-.5	-.4	-.2	-.1	-.2	-.1	-.2	-.2	-.3	-.3	-.4	-.5	-.4	-.5	-.5	-.5	-.5	23	-.1
23	BF	-.4	-.4	-.5	-.5	-.3	-.6	-.5	-.3	-.2	-.3	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.5	-.4	-.4	-.4	-.4	23	-.2
24	BF	-.2	-.4	-.3	-.3	-.3	-.3	-.4	-.3	-.1	-.2	-.2	-.1	-.2	-.1	-.1	-.1	-.2	-.5	-.3	-.3	-.3	-.4	-.5	23	-.1
25	BF	-.4	-.5	-.5	-.5	-.4	-.5	-.4	-.3	-.5	-.2	-.4	-.4	-.4	-.5	-.4	-.5	-.5	-.6	-.4	-.4	-.4	-.5	-.5	23	-.2
26	BF	-.3	-.3	-.5	-.5	-.5	-.5	-.5	-.6	-.4	-.5	-.6	-.5	-.2	-.2	-.3	-.4	-.5	-.5	-.5	-.6	-.5	-.4	-.3	23	-.2
27	BF	-.3	-.4	-.4	-.5	-.5	-.6	-.4	-.5	-.5	-.5	-.4	-.3	-.5	-.4	-.3	-.3	-.4	-.4	-.3	-.4	-.3	-.3	-.3	23	-.3
28	BF	-.1	-.2	-.1	-.3	-.3	-.4	-.3	-.2	-.3	-.4	-.3	-.2	-.3	-.3	-.2	-.2	-.2	-.2	-.4	-.3	-.3	-.3	-.3	23	-.1
29	BF	-.4	-.4	-.4	-.5	-.4	-.5	-.2	-.3	-.3	-.3	-.3	-.2	-.4	-.2	-.3	-.5	-.3	-.4	-.4	-.5	-.4	-.4	-.3	23	-.2
30	BF	-.3	-.3	-.3	-.4	-.3	-.3	-.4	-.2	-.2	-.4	-.2	-.1	-.1	-.3	-.1	-.2	-.3	-.4	-.4	-.3	-.4	-.3	-.3	23	-.1
31	BF	-.2	-.3	-.3	-.4	-.5	-.4	-.4	-.4	-.3	-.4	-.3	-.3	BA	-.3	-.3	-.4	-.5	-.5	-.4	-.3	-.6	-.5	-.4	22	-.2
NO.:		31	31	31	31	31	31	31	31	31	31	31	28	30	31	31	31	31	31	31	31	31	31	31		
MAX:		-.1	-.2	-.1	-.3	-.2	-.3	-.2	0.0	0.0	-.1	-.1	0.0	.1	1.6	-.1	-.1	-.1	-.2	-.3	-.3	-.3	-.2	-.2		
AVG:		-.40	-.48	-.47	-.50	-.48	-.50	-.51	-.40	-.36	-.37	-.38	-.34	-.36	-.33	-.36	-.39	-.41	-.47	-.49	-.50	-.50	-.49	-.48		

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: -.43 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: 37-129-0006 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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2015

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	-.4	-.3	-.4	-.5	-.4	-.3	-.3	-.4	-.5	-.3	-.3	-.2	-.4	-.4	-.4	-.2	.0	-.3	-.3	-.6	-.4	-.3	23	0.0
2	BF	-.4	-.4	-.5	-.4	-.5	-.3	-.5	.3	.1	.0	-.3	-.4	-.5	-.4	-.4	.3	-.3	-.5	-.4	-.3	-.4	-.5	-.5	23	.3
3	BF	-.2	-.5	-.5	-.5	-.5	-.4	-.4	-.3	-.3	-.3	-.3	.0	-.1	-.2	-.2	-.4	-.5	-.4	-.5	-.6	-.5	-.3	-.4	23	0.0
4	BF	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.3	-.2	-.2	-.3	-.2	-.4	-.3	-.3	-.3	-.4	-.2	-.4	-.4	-.3	-.4	-.4	23	-.2
5	BF	-.3	-.3	-.5	-.4	-.5	-.3	-.7	-.4	-.5	-.4	-.4	-.3	-.4	-.3	-.4	-.4	-.3	-.4	-.5	-.5	-.4	-.4	-.4	23	-.3
6	BF	-.5	-.3	-.5	-.4	-.5	-.3	-.3	-.5	-.4	-.3	-.2	-.5	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.6	-.4	-.3	23	-.2
7	BF	-.3	-.4	-.3	-.6	-.4	-.5	-.6	-.5	-.4	-.4	-.3	-.5	-.5	-.4	-.4	-.4	-.4	-.6	-.6	-.5	-.4	-.5	-.3	23	-.3
8	BF	-.4	-.5	-.5	-.4	-.3	-.3	-.5	-.5	-.6	-.3	-.4	-.4	-.4	-.5	-.3	-.4	-.3	-.5	-.5	-.5	-.5	-.4	-.5	23	-.3
9	BF	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.5	-.5	-.4	-.5	-.4	-.4	-.4	23	-.3
10	BF	-.3	-.4	-.4	-.4	-.5	-.4	-.4	-.3	-.3	-.4	-.3	-.4	-.4	-.3	-.3	-.3	-.2	-.4	-.4	-.4	-.4	-.5	-.3	23	-.2
11	BF	-.3	-.4	-.4	-.5	-.4	-.3	-.4	-.5	-.4	-.4	-.4	-.4	.3	.3	-.2	-.4	-.4	-.5	-.4	-.5	-.3	-.3	-.4	23	.3
12	BF	-.4	-.5	-.4	-.5	-.5	-.4	-.5	-.4	-.4	-.3	-.4	-.3	-.4	-.4	-.5	-.4	-.4	-.4	-.5	-.4	-.4	-.5	-.4	23	-.3
13	BF	-.2	-.5	-.4	-.5	-.3	-.3	-.4	-.3	-.4	-.3	-.3	-.2	-.1	-.1	-.1	-.2	-.1	-.4	-.3	-.2	-.2	-.3	-.2	23	-.1
14	BF	-.1	-.1	-.2	-.2	-.3	-.3	-.1	.2	.1	.0	.0	.2	.1	.1	.0	.1	.0	.0	-.1	.1	.1	.1	-.1	23	.2
15	BF	.1	.0	-.1	-.1	.0	-.1	.0	-.1	.0	.3	.2	.0	.2	.2	.2	.1	.1	.0	-.1	-.1	-.1	-.2	.0	23	.3
16	BF	-.1	.0	-.1	-.2	-.1	-.1	-.1	.0	.0	.1	.2	.1	-.1	-.1	.0	-.1	.0	-.2	-.1	-.2	-.1	-.2	-.1	23	.2
17	BF	.0	-.1	-.1	-.2	.0	-.1	.0	.0	-.2	.1	.0	-.1	-.2	-.3	.1	.1	.1	.0	.1	-.1	-.1	.0	-.3	23	.1
18	BF	-.1	-.2	-.1	-.2	-.2	-.1	-.2	-.3	-.1	-.1	-.2	.0	-.1	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.4	-.2	-.3	23	0.0
19	BF	-.2	-.2	-.3	-.3	-.3	-.3	-.2	-.2	-.3	-.3	-.3	-.2	-.3	-.2	-.2	-.2	-.1	-.2	-.2	-.3	-.2	-.3	-.3	23	-.1
20	BF	-.2	-.3	-.2	-.3	-.3	-.2	-.3	-.1	.4	.1	-.2	-.1	-.1	-.3	-.2	-.2	-.1	-.1	-.1	-.2	-.1	-.2	-.1	23	.4
21	BF	-.1	-.1	-.2	-.3	-.2	-.2	-.2	-.3	-.3	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.4	-.1	-.3	-.1	-.2	-.2	-.2	23	-.1
22	BF	-.1	-.3	-.2	-.1	-.2	-.3	-.2	-.3	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.1	-.4	-.2	-.2	-.3	-.2	-.3	-.3	23	-.1
23	BF	-.1	-.2	-.2	-.2	-.2	-.2	-.3	-.1	-.2	-.3	-.2	-.2	-.2	-.2	-.1	-.3	-.2	-.2	-.2	-.3	-.2	-.2	-.1	23	-.1
24	BF	.0	-.1	-.2	-.1	-.1	-.2	-.1	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.1	-.2	-.3	-.3	-.1	-.3	23	0.0
25	BF	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.2	-.3	-.4	-.2	-.3	-.3	-.2	-.3	23	-.2
26	BF	-.2	-.3	-.2	-.4	-.3	-.2	-.3	-.3	-.3	-.2	-.2	-.3	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.4	-.2	-.2	-.3	23	-.2
27	BF	-.2	-.3	-.3	-.3	-.4	-.3	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.3	-.4	-.4	-.3	-.3	-.4	-.4	-.2	23	-.2
28	BF	-.2	-.4	-.3	-.2	-.3	-.3	-.3	-.4	-.4	-.3	-.5	-.4	BA	-.4	-.3	-.5	-.3	-.3	-.3	-.4	-.3	-.4	-.3	22	-.2
29	BF	-.2	-.5	-.5	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.5	-.3	-.1	-.3	-.3	-.3	-.3	-.4	-.3	23	-.1
30	BF	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.1	-.3	-.2	-.2	-.3	-.3	-.4	-.3	-.4	-.3	-.3	-.3	23	-.1
31																									0	
NO.:		30	30	30	30	30	30	30	30	30	30	30	30	29	30	30	30	30	30	30	30	30	30	30		
MAX:		.1	0.0	-.1	-.1	0.0	-.1	0.0	.3	.4	.3	.2	.2	.3	.3	.2	.3	.1	0.0	.1	.1	.1	.1	0.0		
AVG:		-.22	-.30	-.32	-.33	-.32	-.28	-.32	-.26	-.25	-.22	-.24	-.23	-.23	-.24	-.24	-.24	-.25	-.29	-.30	-.32	-.30	-.30	-.29		

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: -.27 MONTHLY MAX: .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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2015

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	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
2	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
3	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
4	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
5	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
6	AS	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
7	AS	AN	AN	AN	AN	AN	AN	AN	AN	BC	BC	BC	BC	BC	.4	.3	.4	.3	.3	.3	.3	.4	.3	.3	10	.4
8	BF	.3	.4	.5	.5	.5	.5	.3	.2	.5	.6	.7	.6	.5	.6	.4	.5	.3	.3	.3	.3	.4	.4	.5	23	.7
9	BF	.5	.4	.5	.6	.6	.8	.3	.3	.4	.4	.2	.2	.3	.2	.4	.3	.3	.3	.3	.3	.2	.3	.3	23	.8
10	BF	.3	.2	.2	.2	.2	.3	.3	.3	.3	.4	.4	.5	.2	.2	.3	.3	.3	.3	.2	.3	.2	.4	.3	23	.5
11	BF	.3	.2	.4	.3	.2	.3	.3	.2	.4	.3	.4	.3	.1	.3	.3	.3	.3	.3	.2	.3	.2	.4	.3	23	.4
12	BF	.3	.3	.4	.4	.6	.6	.5	.6	.6	.5	.5	.3	.4	.4	.6	.4	.4	.5	.6	.4	.5	.4	.4	23	.6
13	BF	.5	.3	.3	.4	.4	.3	.4	.4	.6	.5	.6	.7	.8	.8	.7	.6	.5	.3	.2	.4	.4	.4	.3	23	.8
14	BF	.4	.3	.4	.4	.3	.4	.4	.3	.6	.8	.9	.6	.6	.5	.7	.6	.5	.4	.4	.6	.4	.5	.4	23	.9
15	BF	.5	.3	.5	.5	.5	.6	.5	1.5	2.5	1.2	1.1	1.0	1.1	1.0	1.1	.9	.7	.7	.8	.5	.5	.5	.7	23	2.5
16	BF	.8	.7	.6	.7	.6	.7	.7	.7	1.1	1.1	1.2	1.3	1.1	1.0	1.2	1.2	1.0	.8	.8	.7	.9	.7	.8	23	1.3
17	BF	.6	.7	.6	.6	.6	.7	.7	.8	1.0	1.0	.9	.9	.9	1.0	.9	1.0	.8	.8	.7	.6	.8	.7	.7	23	1.0
18	BF	.8	.7	.8	.8	.7	.8	1.0	.9	1.0	1.0	1.1	1.0	1.1	1.0	1.0	1.0	1.0	.9	1.1	1.0	.8	.9	.9	23	1.1
19	BF	.8	.9	1.0	1.0	.9	.8	AV	1.2	1.4	1.0	1.3	1.2	1.1	1.3	1.4	1.2	1.1	1.0	1.1	1.0	1.2	1.0	1.1	22	1.4
20	BF	1.2	1.3	.9	1.3	1.0	1.1	1.1	1.0	1.3	1.2	1.6	1.9	1.6	1.4	1.3	1.1	1.2	1.2	1.0	1.1	1.3	1.1	.9	23	1.9
21	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	0	
22	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	0	
23	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	0	
24	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	0	
25	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	0	
26	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	BC	BC	BC	.8	.8	.7	.8	.7	.6	.6	.5	.5	.7	.6	11	.8
27	BF	.7	.7	.7	.6	.5	.6	.5	.6	.6	.7	.7	.8	.7	.7	.5	.5	.5	.6	.5	.5	.5	.4	.5	23	.8
28	BF	.6	.3	.4	.5	.4	.5	.5	.4	.5	.3	.4	.4	.4	.3	.4	.5	.5	.5	.6	.3	.3	.3	.3	23	.6
29	BF	.3	.4	.4	.3	.4	.4	.4	.4	.4	.6	.6	.6	.4	.5	.5	.5	.3	.5	.5	.4	.5	.4	.5	23	.6
30	BF	.5	.4	.5	.5	.5	.5	.5	.7	.6	.7	.8	.7	.8	.8	.9	.8	.7	.4	.4	.7	.7	.6	.4	23	.9
31	BF	.6	.6	.5	.6	.5	.6	.7	.6	.7	.8	1.0	1.0	1.0	1.0	.7	.8	.6	.5	.7	.8	.6	.5	.7	23	1.0
NO.:		18	18	18	18	18	18	17	18	18	18	18	18	19	20	20	20	20	20	20	20	20	20	20		
MAX:		1.2	1.3	1.0	1.3	1.0	1.1	1.1	1.5	2.5	1.2	1.6	1.9	1.6	1.4	1.4	1.2	1.2	1.2	1.1	1.1	1.3	1.1	1.1		
AVG:		.56	.51	.53	.57	.52	.58	.54	.62	.81	.73	.80	.78	.73	.71	.72	.69	.60	.56	.57	.55	.58	.54	.55		

MONTHLY OBSERVATIONS: 434 MONTHLY MEAN: .62 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

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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2015

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	.7	.8	.6	.6	.6	.6	.6	.7	.9	.8	.7	.6	.6	.6	.7	.6	.6	.6	.5	.5	.6	.6	23	.9
2	BF	.6	.4	.5	.4	.6	.4	.5	.5	.5	.5	.5	.6	.4	.5	.2	.3	.5	.6	.5	.6	.4	.5	.5	23	.6
3	BF	.5	.4	.5	.5	.4	.4	.5	.4	.5	.5	.4	.4	.5	.5	.5	.6	.3	.4	.5	.4	.5	.4	.5	23	.6
4	BF	.4	.4	.6	.4	.4	.5	.3	AZ	AZ	AZ	.5	.4	.5	.4	.5	.3	.5	.5	.4	.4	.4	.5	.5	20	.6
5	BF	.6	.5	.4	.5	.4	.5	.6	.4	.5	.4	.6	.7	.7	.7	.6	.7	.7	.5	.5	.4	.5	.5	.3	23	.7
6	BF	.6	.4	.4	.4	.6	.6	.4	.5	.5	.4	.5	.4	.8	.6	.6	.3	.4	.4	.4	.4	.4	.5	.5	23	.8
7	BF	.7	.4	.4	.4	.5	.5	.5	.4	.4	.6	.3	.5	.5	.5	.5	.3	.4	.3	.4	.3	.4	.3	.5	23	.7
8	BF	.4	.3	.3	.5	.5	.5	.6	.7	.9	.6	.7	.8	.9	.7	.8	.5	.6	.6	.7	.6	.6	.6	.8	23	.9
9	BF	.8	.8	.7	.5	.7	.7	.7	.7	.6	.5	.5	.6	.5	.6	.6	.5	.5	.5	.5	.5	.5	.4	.5	23	.8
10	BF	.5	.5	.5	.5	.5	.5	.3	.5	.6	.3	.5	.5	.8	.9	.7	.6	.5	.5	.6	.5	.4	.4	.5	23	.9
11	BF	.6	.5	.5	.5	.6	.6	.7	.6	.8	.8	.9	.8	1.7	.8	.8	.8	.7	.7	.6	.9	.9	1.0	.9	23	1.7
12	BF	.9	.8	.8	.7	.8	1.0	1.0	.9	.8	1.1	1.2	1.1	.9	.9	1.0	.8	.6	.7	.6	.6	.7	.5	.5	23	1.2
13	BF	.6	.6	.6	.7	.6	.6	.7	.7	1.0	.9	.9	1.0	1.8	1.5	1.6	1.3	1.2	.9	.8	.7	.8	.7	.9	23	1.8
14	BF	.9	.8	.8	1.3	.9	1.0	1.2	2.2	1.8	1.4	1.3	1.4	1.3	1.2	1.1	1.3	1.3	1.0	.9	.8	.9	.9	1.0	23	2.2
15	BF	1.0	.9	.9	.8	.9	1.0	.9	.9	.9	1.4	1.6	1.5	1.6	1.2	1.2	1.1	1.1	.8	1.0	1.0	.9	1.2	1.2	23	1.6
16	BF	1.2	1.2	1.1	1.2	.9	1.4	1.2	1.0	.9	1.3	1.3	1.5	1.3	1.3	1.4	1.2	1.0	.9	1.0	1.0	1.1	1.0	1.3	23	1.5
17	BF	1.2	1.1	1.0	.9	.9	.8	.9	1.0	2.3	2.4	1.6	1.7	2.1	1.6	1.4	1.3	1.3	1.2	.9	1.1	1.0	.9	.9	23	2.4
18	BF	1.0	1.0	1.0	1.0	.7	.8	1.0	1.0	1.0	1.1	.8	.9	1.0	.8	.9	.8	.6	.8	.8	.7	.8	.7	.8	23	1.1
19	BF	.7	.7	.8	.8	.9	.7	.7	.7	.8	.7	.8	.7	.7	.6	.6	.7	.6	.5	.5	.6	.5	.6	.6	23	.9
20	BF	.5	.7	.6	.5	.7	.7	.6	.8	.9	.9	1.0	.9	.8	1.1	1.0	.9	.7	.7	.8	.8	.8	.7	.7	23	1.1
21	BF	.8	.8	.9	.7	.8	.9	AV	1.2	1.3	1.2	1.2	1.4	1.4	1.2	1.2	1.2	.9	.7	.9	.9	.8	.9	.9	22	1.4
22	BF	.9	.8	.8	.7	.8	.9	.8	.8	.7	.8	.8	.8	1.0	.8	.8	.8	.9	.9	.8	.9	.8	1.0	1.0	23	1.0
23	BF	1.0	.8	.7	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	3	1.0
24	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	1.4	1.4	1.1	1.3	1.5	1.2	1.1	1.3	1.2	9	1.5
25	BF	1.2	1.0	1.0	1.1	1.2	1.0	1.0	1.1	1.3	1.2	1.2	1.4	1.4	1.4	1.3	1.2	1.2	1.1	1.0	1.2	1.1	1.2	.8	23	1.4
26	BF	1.2	1.1	1.0	1.1	1.0	1.0	1.0	1.1	1.2	1.3	1.2	1.1	1.1	1.1	.9	1.0	1.0	1.0	1.1	1.1	1.0	1.0	.9	23	1.3
27	BF	1.0	.9	.8	1.0	.9	.8	.9	.7	1.0	1.0	1.0	1.1	.9	1.0	.9	.9	1.0	1.0	1.0	.8	.9	.8	.8	23	1.1
28	BF	.8	.9	.9	1.0	.9	1.0	.8	.9	.8	1.1	1.0	1.1	1.2	1.3	.9	.9	.9	1.0	1.1	.9	.9	.9	1.0	23	1.3
29	BF	.9	.9	.8	.8	1.0	1.0	1.0	1.0	1.0	2.7	3.5	1.8	1.4	1.5	2.0	1.3	.9	.9	.9	1.0	.9	.9	.9	23	3.5
30	BF	.9	.7	.8	.9	.9	.9	.9	.9	1.0	.8	.9	1.0	.9	.9	.9	.8	.8	.8	.9	.7	1.0	.9	.8	23	1.0
31																									0	
NO.:		29	29	29	28	28	28	27	27	27	27	28	28	28	28	29	29	29	29	29	29	29	29	29		
MAX:		1.2	1.2	1.1	1.3	1.2	1.4	1.2	2.2	2.3	2.7	3.5	1.8	2.1	1.6	2.0	1.4	1.3	1.3	1.5	1.2	1.1	1.3	1.3		
AVG:		.80	.72	.72	.73	.74	.76	.75	.82	.91	.99	.98	.96	1.03	.94	.93	.84	.79	.75	.77	.74	.74	.75	.77		

MONTHLY OBSERVATIONS: 652 MONTHLY MEAN: .82 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: 37-129-0006 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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2015

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	.8	.8	.9	.8	1.0	.9	1.0	.9	.9	1.0	1.0	1.1	.9	.9	1.0	.9	1.0	1.0	.9	.8	.9	.8	23	1.1
2	BF	.9	.8	.9	.8	.9	.8	.9	.8	1.0	1.4	1.0	.9	.9	.7	.9	.8	.8	.8	.7	.7	.8	.8	.9	23	1.4
3	BF	.9	.8	.7	.8	.8	.7	.9	1.0	1.3	.9	1.1	.9	1.3	1.2	1.5	1.8	1.1	1.1	1.1	1.1	1.0	1.1	.9	23	1.8
4	BF	1.0	1.0	1.1	1.1	1.2	1.1	1.0	1.1	1.3	1.4	1.3	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.0	.9	1.0	1.1	23	1.4
5	BF	1.1	1.0	1.0	1.1	1.1	1.1	1.1	1.3	1.3	1.3	1.3	1.4	1.4	1.6	1.4	1.5	1.2	1.2	1.3	1.4	1.2	1.2	1.1	23	1.6
6	BF	1.0	1.0	1.0	.9	1.1	1.1	1.0	1.0	1.1	1.2	1.1	1.2	1.2	1.2	1.2	1.4	1.1	1.0	1.2	1.2	1.1	1.1	1.0	23	1.4
7	BF	1.0	1.0	1.1	1.2	1.1	1.0	1.0	1.0	1.1	1.1	1.0	1.1	1.2	1.0	1.0	1.1	.9	1.1	1.0	1.1	1.0	1.1	1.0	23	1.2
8	BF	1.1	1.1	1.0	1.1	1.1	.9	1.1	1.0	1.0	1.3	1.5	1.4	1.5	1.4	1.4	1.3	1.1	1.0	1.1	.9	1.0	1.3	1.5	23	1.5
9	BF	1.4	1.2	1.1	1.2	1.4	1.4	1.9	1.2	1.2	1.1	1.1	1.2	1.0	1.2	1.1	1.1	1.2	1.0	1.0	1.0	1.1	1.1	.9	23	1.9
10	BF	1.1	1.0	1.0	1.3	1.4	1.2	1.4	1.3	1.5	2.7	2.1	2.0	1.4	1.4	1.9	1.3	1.1	1.3	1.1	1.1	1.1	1.2	1.0	23	2.7
11	BF	1.2	1.1	1.2	1.2	1.2	1.5	1.3	1.2	1.2	1.7	1.5	1.6	1.6	1.4	1.4	1.3	1.1	1.2	1.1	1.1	1.0	.8	1.0	23	1.7
12	BF	1.1	1.1	1.2	1.0	1.3	1.4	1.5	1.2	1.1	1.3	1.4	1.1	1.2	.9	1.1	1.1	1.1	1.1	.9	.9	1.1	.9	1.0	23	1.5
13	BF	1.0	1.0	1.2	1.1	1.0	1.2	.9	1.1	1.1	1.5	1.2	1.3	1.2	1.1	1.2	1.1	.9	1.0	.9	.9	.9	.9	1.0	23	1.5
14	BF	.9	.8	.9	.9	.8	.8	.8	1.1	.9	.8	.9	.8	.8	.8	.8	.9	.9	.9	.8	.8	.8	.8	.7	23	1.1
15	BF	.7	.8	.8	.7	.8	.8	.9	.9	1.1	1.0	1.1	1.1	1.2	1.3	1.2	1.0	1.1	1.0	1.1	1.1	1.1	.9	1.2	23	1.3
16	BF	1.0	1.2	1.0	1.1	.8	1.0	.9	.8	.8	1.3	1.2	1.2	1.1	1.1	1.2	1.0	1.0	.9	1.0	1.0	1.1	.9	1.1	23	1.3
17	BF	1.0	1.1	1.1	.9	1.0	1.0	1.0	1.0	1.0	1.2	1.4	.9	1.0	1.0	.9	.9	1.0	1.0	.9	.8	.8	.9	.8	23	1.4
18	BF	.8	.9	.9	.9	.9	.8	1.1	.8	.8	1.0	.9	1.0	.9	1.0	.9	.8	.9	1.0	.8	.9	1.0	1.0	1.1	23	1.1
19	BF	1.2	1.1	1.1	1.2	1.1	1.0	1.3	1.3	1.2	1.4	1.3	1.3	1.7	1.4	1.2	1.4	1.2	1.4	1.3	1.2	1.2	1.2	1.3	23	1.7
20	BF	1.4	1.4	1.2	1.3	1.2	1.3	1.3	1.2	1.4	1.7	1.7	1.7	1.9	1.7	1.7	1.6	1.3	1.4	1.4	1.3	1.4	1.2	1.3	23	1.9
21	BF	1.3	1.5	1.3	1.3	1.2	1.4	1.3	1.3	1.4	1.4	1.6	1.5	1.5	1.4 6	1.4 6	1.4 6	1.3 6	1.4 6	1.2 6	1.3 6	1.1 6	1.0 6	1.1 6	23	1.6
22	BF	1.2 6	1.1 6	1.0 6	1.1 6	1.3 6	1.7 6	3.4 6	2.8 6	3.3 6	2.7 6	5.4 6	2.2 6	1.3 6	1.1 6	1.0 6	1.0 6	1.0 6	1.1 6	1.1 6	1.0 6	1.1 6	1.0 6	1.2 6	23	5.4
23	BF	1.0 6	.9 6	.9 6	.9 6	1.0 6	1.0 6	1.0 6	.8 6	1.0 6	.9 6	1.0 6	1.6 6	1.3 6	1.1 6	1.0 6	1.3 6	1.3 6	1.4 6	1.4 6	1.1 6	1.0 6	.9 6	.9 6	23	1.6
24	BF	.9 6	.8 6	.9 6	.8 6	.8 6	.7 6	.8 6	.8 6	.9 6	.8 6	.8 6	.8 6	.9 6	.7 6	.8 6	.7 6	.8 6	.7 6	.8 6	.8 6	.7 6	.7 6	.8 6	23	.9
25	BF	.7 6	.8 6	.7 6	.7 6	.6 6	.7 6	.6 6	.6 6	.6 6	.7 6	.8 6	.7 6	1.0 6	1.0 6	.9 6	.7 6	.7 6	.8 6	.8 6	.5 6	.7 6	.9 6	.7 6	23	1.0
26	BF	.7 6	.7 6	.6 6	.5 6	.5 6	.7 6	.8 6	.7 6	.8 6	.7 6	.7 6	.7 6	1.0 6	1.1 6	1.2 6	.9 6	.8 6	.8 6	.7 6	.7 6	.6 6	.7 6	.7 6	23	1.2
27	BF	.8 6	.9 6	.7 6	.7 6	.6 6	.7 6	.8 6	.8 6	.8 6	.8 6	.7 6	.8 6	.8 6	.7 6	.7 6	.7 6	.7 6	.7 6	.7 6	.7 6	.7 6	.7 6	.7 6	23	.9
28	BF	.7	.8 6	.7 6	.6 6	.8 6	.5 6	.7 6	.7 6	.8 6	.9 6	.9 6	.8 6	1.0 6	BA	BA	.8	.6	.7	.5	.6	.8	.8	.7	21	1.0
29	BF	.8	.8	.8	.7	.7	.6	.8	.7	.7	.7	.8	.8	.8	.8	.7	.8	.6	.8	.7	.8	.8	.7	.7	23	.8
30	BF	1.0	.8	.7	.7	.7	.8	.8	.7	.7	.8	.7	.7	.7	.7	.8	.7	.6	.8	.6	.7	.7	.8	.6	23	1.0
31	BF	.9	.7	.7	.6	.8	.7	.8	.6	.7	.7	.7	.5	.8	.7	.8	.7	.7	.7	.6	.8	.7	.7	.6	23	.9
NO.:		31	31	31	31	31	31	31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31		
MAX:		1.4	1.5	1.3	1.3	1.4	1.7	3.4	2.8	3.3	2.7	5.4	2.2	1.9	1.7	1.9	1.8	1.3	1.4	1.4	1.4	1.4	1.3	1.5		
AVG:		.99	.97	.95	.95	.97	.99	1.10	1.03	1.10	1.20	1.26	1.15	1.16	1.10	1.11	1.07	.97	1.01	.96	.95	.95	.94	.95		

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: 1.04 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: 37-145-0003 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 Environmental Quality
MONITOR TYPE: OTHER
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2015

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	.0	.0	.0	.0	.0	.1	.0	.5	.1	.0	.0	.0	.0	.3	.5	.1	.0	.0	.0	.0	23	.5
2	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.2
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	.1	.3	.1	.0	.0	.3	.1	.1	.1	.0	.0	.0	.1	.2	.1	.0	.0	.0	.1	.1	.0	.0	23	.3
7	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.5	.7	1.3	.8	.4	.4	.8	.9	.8	.6	23	1.3
8	BF	.5	.4	.2	.6	.8	1.2	.8	1.0	1.0	.8	.8	.6	.8	.8	.8	.5	.3	.2	.2	.2	.2	.2	.1	23	1.2
9	BF	.5	.6	.8	.5	.5	.6	.8	1.0	1.6	1.6	1.4	1.3	1.4	1.1	.7	.6	.6	.6	.7	.8	.8	.7	.8	23	1.6
10	BF	.7	.6	.8	1.4	1.4	1.3	1.1	1.0	1.4	1.4	1.3	1.2	1.1	1.1	1.1	1.1	.9	.9	.9	.8	.7	.8	1.0	23	1.4
11	BF	1.0	.9	.7	.7	.7	.9	1.3	.9	.9	.8	1.1	1.2	.9	.8	.7	.8	.7	.7	.6	.6	.5	.4	.3	23	1.3
12	BF	.3	.3	.1	.1	.2	.3	.0	.1	.2	.5	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.5
13	BF	.2	.4	.4	.9	.7	.5	.5	.1	.1	.2	.3	1.3	2.9	3.2	2.4	3.3	1.2	2.2	3.0	1.1	2.2	.6	2.4	23	3.3
14	BF	.7	.7	.4	.4	1.2	4.6	3.8	6.7	6.4	6.2	5.1	5.7	12.1	14.4	13.1	10.8	1.9	.0	.1	.0	.0	.0	.0	23	14.4
15	BF	3.0	2.5	2.8	.0	.0	.0	.0	.0	.0	.9	2.8	.7	.5	1.1	.3	.4	.4	.1	.0	.0	.1	.0	.3	23	3.0
16	BF	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.3	.3	.2	.2	.2	.4	.6	.5	23	.6
17	BF	.5	.5	.3	.5	.4	.3	.5	.6	.8	1.1	.9	.8	.7	.7	.6	.4	.3	.3	.2	.2	.2	.2	.2	23	1.1
18	BF	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.3	.9	23	1.3
19	BF	.0	.2	.2	.1	.0	.1	.1	.2	.4	1.1	.3	.1	.2	.2	.1	.1	.1	.2	.0	.1	.0	.0	.0	23	1.1
20	BF	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.3	.4	.4	.2	.3	.3	.2	.2	.3	.3	.2	.1	23	.4
21	BF	2.3	.6	1.1	1.4	.2	.0	.3	.7	1.4	1.3	2.4	9.5	5.9	1.4	4.3	4.9	1.0	1.4	1.6	.7	.3	.2	.0	23	9.5
22	BF	.0	.0	.0	.0	.1	.1	.3	.1	.4	.4	.3	.3	.2	.2	.1	.1	.4	.5	.3	.2	.2	.0	.0	23	.5
23	BF	.0	.0	.0	.2	.4	.4	.4	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
24	BF	.0	.0	.1	.0	.0	.4	.0	.0	.0	.0	.0	.1	.9	1.1	.5	.8	.2	.1	.0	.0	.0	.0	.2	23	1.1
25	BF	1.4	.7	.5	1.1	.6	.3	.2	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.4
26	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.6	5.2	.9	.1	.0	.0	.0	.0	.0	.3	1.2	23	6.6
27	BF	1.7	1.3	.8	.1	.0	.1	.2	.2	.3	.5	.7	.6	.9	.9	.7	.5	.5	.5	.1	.6	.5	.5	.8	23	1.7
28	BF	2.3	2.3	2.1	1.9	1.7	1.5	1.3	1.1	.9	.9	.9	1.3	1.3	1.5	.7	.7	.7	.7	.6	.5	.3	.4	.3	23	2.3
29	BF	.3	.1	.0	.1	.5	.7	1.0	1.4	1.3	1.3	1.1	1.0	.9	.8	.5	.5	.5	.6	.5	.6	.5	.8	.6	23	1.4
30	BF	.7	.6	.9	.8	.2	.4	.6	.1	.3	.3	.4	.2	.3	.5	.3	.2	.2	.5	.3	.4	.5	.6	.8	23	.9
31	BF	.7	.6	.6	.4	.3	.5	.8	.9	1.0	1.0	1.0	1.1	1.2	1.5	1.7	1.6	1.8	2.0	1.5	.8	.5	.5	.6	23	2.0
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:		3.0	2.5	2.8	1.9	1.7	4.6	3.8	6.7	6.4	6.2	5.1	9.5	12.1	14.4	13.1	10.8	1.9	2.2	3.0	1.1	2.2	1.3	2.4		
AVG:		.56	.44	.43	.37	.32	.46	.46	.54	.62	.68	.71	.93	1.31	1.23	1.00	.95	.43	.41	.37	.29	.30	.29	.38		

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: .59 MONTHLY MAX: 14.4

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: 37-145-0003 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 Environmental Quality
MONITOR TYPE: OTHER
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2015

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	.8	.6	1.0	.7	.8	.6	.8	1.0	1.0	.9	.7	.7	.7	.7	.8	.6	.6	.7	.5	.3	.2	.1	23	1.0
2	BF	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.0	1.4	1.1	.7	.7	.5	.4	.2	23	1.4
3	BF	.1	.0	.0	.0	.0	.0	.0	.6	.9	1.0	1.1	1.0	.7	.4	.4	.5	.4	.4	.3	.2	.2	.3	.3	23	1.1
4	BF	.2	.3	.1	.2	.2	.2	.3	.3	1.3	.6	.4	.4	.4	.3	.4	.4	.4	.4	.6	.4	.3	.3	.3	23	1.3
5	BF	.5	.7	.7	1.4	1.3	1.0	.7	.8	1.0	.3	.3	.5	.6	.5	.5	.7	.7	.7	.6	.5	.6	.6	.6	23	1.4
6	BF	.6	.6	.6	.5	.3	.1	.4	.8	1.2	BA	BA	1.7	1.0	.6	.5	.6	.6	.5	.8	.8	.7	.6	.5	21	1.7
7	BJ	.5	.8	.7	.8	.8	.8	.9	1.3	1.1	.9	1.3	1.7	.4	.6	.3	.6	.9	.8	.5	.4	.5	.4	.4	23	1.7
8	BJ	1.5	1.3	1.1	1.0	.8	.7	.7	.7	.6	.5	.6	.5	.3	.1	.1	.1	.1	.1	.5	.5	.4	.5	.4	23	1.5
9	BJ	.4	.4	.3	.3	.4	.6	.4	BF	.4	.4	BA	.8	.6	.6	.5	.1	.0	.0	.0	.6	1.2	.0	.0	21	1.2
10	BF	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.0	3.9	7.0	4.3	2.7	.0	.0	.0	.0	.0	.0	.0	23	7.0
11	BF	.0	.0	.1	.1	.3	.2	.4	.9	.1	.0	.5	10.5	4.5	1.0	.1	.0	.1	.1	.1	.2	.1	.1	.3	23	10.5
12	BF	.1	.0	.0	.0	.0	.0	.1	.3	.5	.8	.8	.7	.2	.1	.0	.1	.7	.5	.2	.2	.1	.2	.3	23	.8
13	BF	.7	.6	.4	.3	.4	.6	.7	.6	.7	.6	.7	.8	.7	.6	.6	.6	.6	.6	.6	.6	.6	.5	.5	23	.8
14	BF	.5	.5	.6	.8	.6	.7	1.0	1.4	1.2	1.0	.7	.7	.9	.8	.6	.5	.5	.5	.5	.2	.4	.4	.4	23	1.4
15	BF	.5	.6	.7	.7	.6	.6	.6	.7	.6	.5	.6	.6	.8	.7	.7	.7	.9	1.0	1.0	1.1	1.1	1.1	1.5	23	1.5
16	BF	1.7	1.6	1.6	1.8	8.8	12.8	2.8	6.2	1.4	1.1	.7	.7	.8	.7	.7	.7	.6	.5	.4	.5	.4	.3	.2	23	12.8
17	BF	1.5	1.2	3.4	1.3	2.1	1.3	.9	1.0	.8	.9	.8	.7	.7	.7	.7	.8	1.5	1.9	1.9	2.1	1.8	3.2	2.9	23	3.4
18	BF	1.2	1.6	1.5	1.5	1.7	1.6	2.1	2.7	2.3	2.0	2.1	2.5	1.6	1.2	.6	.7	.7	.8	.8	.6	.7	.7	.5	23	2.7
19	BF	.8	1.0	.9	1.0	.8	.8	.9	1.1	1.3	1.2	1.0	1.1	1.1	1.0	.9	1.0	1.1	1.1	1.2	1.3	1.6	1.7	1.7	23	1.7
20	BF	2.2	2.3	2.2	2.4	2.6	2.7	2.9	2.8	2.6	2.5	2.6	2.7	2.7	2.7	2.7	2.5	2.3	2.1	1.9	1.7	1.5	1.5	1.5	23	2.9
21	BF	1.4	1.3	1.2	1.2	1.3	1.6	1.5	1.3	1.5	1.2	1.2	1.3	1.6	.8	.6	.6	.6	.5	.5	.5	.4	.7	.6	23	1.6
22	BF	.7	1.2	.4	.3	.2	.2	.3	.2	.2	.4	.4	.4	.4	.4	.4	.4	.3	.2	.2	.2	.2	.1	.1	23	1.2
23	BF	.2	.2	.3	.2	.1	.3	.4	1.2	4.4	1.3	1.3	6.6	4.9	6.6	5.6	.2	.3	.3	.8	1.1	1.5	1.3	1.5	23	6.6
24	BF	1.2	.9	.8	.7	.7	.6	.5	.4	.5	.6	.5	.5	.4	.4	.3	.4	.4	.3	.4	.3	.2	.1	.1	23	1.2
25	BF	.1	.2	.1	.1	.1	.3	.4	.5	.5	.7	.8	.8	.8	.8	.8	1.7	2.4	2.3	2.1	.5	.6	.2	.1	23	2.4
26	BF	.0	.0	.2	.0	.2	.1	.4	.5	.4	.6	.4	.5	.7	1.7	1.2	8.8	5.2	1.8	1.5	.3	.4	.5	.2	23	8.8
27	BF	.3	.1	.0	.0	.0	.0	.0	.1	1.9	3.7	3.6	3.4	2.7	2.4	2.0	1.9	1.8	1.5	1.1	2.2	2.4	1.4	.7	23	3.7
28	BF	1.0	.7	.8	1.9	2.2	1.9	2.1	2.3	2.2	2.2	2.4	2.4	2.3	2.2	2.1	1.9	1.9	1.8	1.5	1.5	1.6	1.7	1.5	23	2.4
29																									0	
30																									0	
31																									0	
NO.:		28	28	28	28	28	28	28	27	28	27	26	28	28	28	28	28	28	28	28	28	28	28	28		
MAX:		2.2	2.3	3.4	2.4	8.8	12.8	2.9	6.2	4.4	3.7	3.6	10.5	4.9	7.0	5.6	8.8	5.2	2.3	2.1	2.2	2.4	3.2	2.9		
AVG:		.68	.68	.69	.70	.97	1.09	.79	1.09	1.09	.97	.99	1.58	1.30	1.27	1.02	1.11	.96	.80	.76	.70	.73	.68	.62		

MONTHLY OBSERVATIONS: 640 MONTHLY MEAN: .92 MONTHLY MAX: 12.8

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 Environmental Quality
MONITOR TYPE: OTHER
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2015

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	BJ	2.0	1.9	1.7	1.5	1.3	.9	.8	.7	.5	.2	.3	.5	.9	2.6	2.1	2.0	1.7	.7	.1	.0	.0	.0	.0	23	2.6
2	BJ	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.1	.0	.0	.0	.1	1.0	1.5	1.3	.5	23	1.5
3	BF	.2	.2	.5	.8	.9	.6	.5	.5	.5	.8	1.2	1.2	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	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	.0	.0	.0	.0	.0	.2	23	.2
6	BF	.3	.2	.2	.5	.9	2.2	3.0	1.6	1.0	.7	.7	.4	.4	.4	.7	1.4	2.8	2.6	2.4	.8	.3	.3	.1	23	3.0
7	BF	.0	.0	.0	.0	.0	.2	.1	.4	1.0	1.0	.6	.4	.1	.3	.4	.2	.2	.0	.0	.1	.1	.0	.0	23	1.0
8	BF	.0 6	.0 6	.0 6	.0 6	.3 6	.4 6	.6 6	.5 6	.3 6	.2 6	.2 6	.2 6	.1 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	23	.6
9	BF	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	23	0.0
10	BF	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	23	0.0
11	BF	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	23	0.0
12	BF	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	23	0.0
13	BF	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	23	0.0
14	BF	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	23	0.0
15	BF	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.1 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	23	.1
16	BF	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.1 6	.2 6	.2 6	.7 6	.2 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.2 6	23	.7
17	BF	1.3 6	3.2 6	.5 6	.0 6	.0 6	.1 6	.4 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	23	3.2
18	BF	.0 6	.0 6	.0 6	.0 6	.0 6	.9 6	2.1 6	2.7 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	23	2.7
19	BF	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.1 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	23	.1
20	BF	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.7 6	.8 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	23	.8
21	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	
22	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	
23	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BA	AN	AN	BA	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
24	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	
25	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	
26	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BC	BC	BC	BC	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	10	1.6
27	BF	.0	.0	.0	.0	.0	.0	1.2	.5	.0	.0	.0	.0	.0	.1	.8	1.8	.0	.0	.0	.0	.0	.0	.0	23	1.8
28	BF	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.2	.0	.0	.0	.0	.0	23	.3
29	BF	.2	.2	.4	.4	.6	.5	.8	.8	.7	.4	.2	.2	.1	.2	.0	.2	.3	.1	.0	.1	.0	.0	.2	23	.8
30	BF	.0	.1	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.1	.3	.3	.3	.1	.0	23	.3
31	BF	.0	.0	.0	.1	.0	.0	.1	.1	.4	.5	.1	.2	.1	.1	.0	.2	.0	.0	.0	.2	.1	.0	.1	23	.5
NO.:		25	25	25	25	25	25	25	25	25	25	25	25	25	26	26	26	26	26	26	26	26	26	26		
MAX:		2.0	3.2	1.7	1.5	1.3	2.2	3.0	2.7	1.0	1.0	1.2	1.2	.9	2.6	2.1	2.0	2.8	2.6	2.4	1.0	1.5	1.3	.5		
AVG:		.16	.24	.13	.13	.16	.24	.39	.32	.21	.19	.17	.14	.11	.21	.16	.23	.20	.14	.11	.10	.09	.07	.05		

MONTHLY OBSERVATIONS: 585 MONTHLY MEAN: .17 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: 37-145-0003 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 Environmental Quality
MONITOR TYPE: OTHER
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2015

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	.3	.2	.0	.3	.4	.5	.7	2.5	4.0	.3	.2	.2	.3	.2	.1	.3	2.0	1.7	.6	.4	.3	.3	23	4.0
2	BF	.1	.1	.0	.1	.0	.0	.0	.0	.1	.1	.2	.2	.1	.0	.1	.1	.1	.1	.1	.0	.0	.1	.1	23	.2
3	BF	.1	.0	.0	.0	.0	.0	.0	-.1	-.2	-.1	-.1	-.1	-.1	.0	.0	.0	-.1	.0	-.2	-.1	.0	.0	.0	23	.1
4	BF	.0	-.2	-.1	.0	.0	.0	-.2	-.1	.0	-.1	-.2	-.1	-.2	-.1	.0	-.2	.0	-.1	-.1	.0	-.1	-.1	.0	23	0.0
5	BF	.0	.1	.1	.3	.0	.0	.1	.2	.1	.1	.0	.0	.0	-.1	.0	.0	.0	.0	.1	-.1	-.1	.0	.0	23	.3
6	BF	.0	.0	.0	.0	.0	.0	.1	.0	-.2	-.1	.0	-.1	.0	-.1	.0	.0	-.1	.0	.0	-.1	.0	.2	.0	23	.2
7	BF	-.2	-.2	.0	.0	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	-.2	-.2	-.1	-.1	-.2	-.1	-.1	-.1	23	0.0
8	BF	-.1	-.3	-.2	-.1	-.3	-.2	-.3	.0	.0	-.1	-.3	-.2	-.2	-.2	.0	-.2	-.2	.0	.0	-.3	-.3	-.4	-.4	23	0.0
9	BF	-.2	-.2	-.1	-.2	-.3	-.2	-.4	-.3	-.4	-.4	-.3	-.3	-.3	-.2	-.3	-.3	-.4	-.2	-.4	-.3	-.1	-.4	-.3	23	-.1
10	BF	-.3	-.4	-.4	-.5	-.6	-.4	-.4	-.2	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.4	-.4	-.4	-.4	-.3	-.4	-.5	-.3	23	-.1
11	BF	-.2	-.2	-.2	-.2	-.2	-.4	-.1	-.2	.0	.1	.1	.0	.0	.1	.1	.0	.0	-.1	-.2	-.1	-.2	-.1	-.1	23	.1
12	BF	-.2	-.2	-.3	-.1	-.4	-.3	.1	.8	.6	.5	.1	.3	.2	.2	.2	.2	.2	.2	.1	.0	.0	.1	.1	23	.8
13	BF	.0	-.1	-.1	-.1	-.2	.0	.0	-.1	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	.0	.0	.0	-.1	.0	-.2	23	0.0
14	BF	-.2	-.1	-.2	-.3	-.3	-.1	-.3	-.3	-.2	-.2	-.3	-.1	-.1	-.2	-.3	-.4	-.3	-.2	-.3	.0	.0	-.2	-.2	23	0.0
15	BF	-.3	-.3	-.4	-.3	.2	1.3	1.2	1.0	1.8	-.1	.0	.0	-.1	.0	.0	-.2	-.2	.0	-.2	-.2	-.2	-.3	-.2	23	1.8
16	BF	.0	-.2	-.3	-.2	-.2	-.1	-.1	.3	1.1	1.1	.5	.5	1.2	.0	.0	-.1	-.1	-.2	-.2	.0	-.1	-.1	-.3	23	1.2
17	BF	-.3	-.2	-.5	-.3	-.3	-.2	-.3	-.2	-.3	-.3	-.2	-.2	-.3	-.1	-.4	-.3	-.3	-.2	-.3	-.5	-.3	-.4	-.4	23	-.1
18	BF	-.2	-.2	-.3	-.3	-.3	-.1	-.1	.1	-.2	-.4	-.2	-.2	-.3	-.2	-.3	-.2	-.3	-.2	-.3	-.4	-.3	-.2	-.3	23	.1
19	BF	-.2	-.4	-.3	-.2	-.3	-.4	-.3	-.3	-.1	-.3	-.4	-.3	-.4	-.3	-.2	-.4	-.2	-.3	-.4	-.3	-.5	-.3	-.6	23	-.1
20	BF	-.3	-.3	-.5	-.5	-.4	-.3	-.5	-.2	BA	-.3	-.4	-.5	-.3	-.5	-.4	-.4	-.6	-.3	-.3	-.5	-.4	-.4	-.4	22	-.2
21	BF	-.1	-.3	-.3	-.3	-.2	-.1	-.3	-.3	-.2	.0	-.2	-.3	-.3	-.1	-.1	-.2	-.3	-.2	-.2	-.2	-.2	.0	-.1	23	0.0
22	BF	.0	.3	.0	-.1	-.1	.0	.1	.2	.3	-.1	-.1	-.1	-.1	-.1	.0	-.2	-.1	-.2	-.1	.2	-.1	.0	.0	23	.3
23	BF	.1	.0	.3	.4	.1	.1	.2	.5	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	23	.5
24	BF	.1	.0	.0	.2	.1	.1	.2	.1	.1	.6	.7	.5	.6	.3	.1	.0	.1	.1	.2	.2	.2	.0	.0	23	.7
25	BF	.0	.1	.1	.0	.3	.2	.2	.2	.3	.2	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	-.2	.0	.1	23	.3
26	BF	.2	.1	.6	.1	.1	.0	.0	.0	.6	1.0	.7	.0	.5	1.8	2.3	.8	.0	.0	.0	.0	-.1	-.1	.0	23	2.3
27	BF	.0	-.1	-.1	.0	-.1	.0	.3	2.4	4.3	1.5	.3	.3	.2	.4	.1	.0	.0	-.2	.2	.1	.0	.1	.0	23	4.3
28	BF	.0	.0	.0	-.1	.0	.2	.2	.1	1.2	4.3	2.0	.4	.8	.6	.7	.8	.7	1.5	.9	.5	.3	.3	.0	23	4.3
29	BF	.2	.0	.0	.1	.0	.1	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
30	BF	.0	.1	-.1	.0	.0	.0	.0	.0	.0	-.2	-.1	.0	.0	.0	.0	.0	1.3	.2	2.7	.7	.2	.1	.0	23	2.7
31																									0	
NO.:		30	30	30	30	30	30	30	30	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:		.5	.3	.6	.4	.3	1.3	1.2	2.4	4.3	4.3	2.0	.5	1.2	1.8	2.3	.8	1.3	2.0	2.7	.7	.4	.3	.3		
AVG:		-.05	-.09	-.10	-.09	-.10	-.02	0.00	.14	.39	.36	.06	0.00	.03	.04	.05	-.06	-.04	.04	.08	-.04	-.09	-.08	-.11		

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .01 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: 37-145-0003 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 Environmental Quality
MONITOR TYPE: OTHER
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2015

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	-.1	.0	-.1	-.1	.0	.2	.0	.0	.0	.0	.6	.1	.0	1.0	1.8	2.2	.0	-.1	.0	.0	-.1	.0	23	2.2
2	BF	.0	-.1	-.1	.0	-.1	.0	.3	.7	.6	.5	.4	.2	.7	.6	.8	1.3	1.3	.8	.4	.2	.1	.2	.1	23	1.3
3	BF	.2	.1	.1	.0	.0	.0	.1	.0	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	23	.2
4	BF	.0	.1	.1	.3	.1	.2	.5	.3	AZ	AZ	AZ	AZ	.1	.0	.0	.1	.1	.1	.0	.0	.1	.2	.0	19	.5
5	BF	.0	.0	.1	.0	.1	.4	.3	.3	.3	.3	.1	.2	.3	.0	.0	.0	.0	.0	.1	.0	-.2	.0	.0	23	.4
6	BF	.0	.0	.1	.0	-.1	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	-.1	.0	23	.2
7	BF	.0	-.3	.0	-.1	-.2	.0	.0	.0	-.1	.0	-.1	.0	-.2	.0	-.1	.0	.0	.0	-.1	.0	-.1	-.1	.0	23	0.0
8	BF	.0	-.1	-.2	-.2	-.2	-.1	-.2	-.2	.7	1.4	.3	-.1	.0	-.2	-.2	-.2	-.2	-.2	-.1	.0	.0	-.1	-.1	23	1.4
9	BF	-.2	-.2	-.1	-.1	.0	-.1	-.1	-.3	-.3	-.2	-.1	-.1	-.2	-.1	-.2	-.2	-.2	-.2	.0	-.2	-.2	-.2	-.2	23	0.0
10	BF	-.2	-.3	-.2	-.2	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.4	-.2	-.3	-.3	-.3	-.3	-.2	-.3	-.4	-.2	.1	.1	23	.1
11	BF	.0	.0	-.1	-.1	-.2	-.2	1.0	-.2	-.2	-.1	.0	-.3	-.3	-.3	-.2	-.2	-.2	-.3	-.3	-.2	-.4	-.3	-.2	23	1.0
12	BF	-.3	-.2	-.3	-.4	-.2	-.3	-.1	-.3	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.2	-.1	.0	.0	-.1	-.2	-.2	23	0.0
13	BF	-.3	-.1	.2	.6	.5	.5	.6	.6	.4	.0	.0	.0	-.1	-.2	-.2	-.1	-.1	.0	-.1	.1	.1	-.1	.1	23	.6
14	BF	.0	.0	.0	.0	.0	.1	.2	.3	.2	.2	.2	.1	.4	.7	.9	1.1	.7	.6	.4	.0	-.1	.1	.1	23	1.1
15	BF	.0	.0	.0	-.1	-.1	-.1	.0	.0	.0	-.1	.0	.0	.0	-.1	.0	-.1	.0	.0	.0	-.2	-.1	-.1	.0	23	0.0
16	BF	.0	-.1	.0	.0	.0	.0	.0	.0	-.1	.0	-.2	.0	-.1	-.1	-.1	-.2	-.1	-.2	.0	.0	-.1	.0	-.1	23	0.0
17	BF	-.1	.0	-.1	.1	.1	.0	.0	.0	.0	.0	.0	-.1	-.1	-.2	-.1	-.1	-.2	-.2	-.3	-.2	-.2	-.2	-.2	23	.1
18	BF	-.1	-.1	-.2	.0	-.2	.0	.0	.4	.2	.0	-.2	-.3	-.2	-.1	-.3	-.1	-.1	-.2	-.2	-.3	-.3	-.2	-.2	23	.4
19	BF	-.2	-.1	-.3	-.2	-.3	-.2	-.1	.0	-.1	-.2	-.2	-.3	-.3	-.3	-.2	-.2	-.4	-.1	-.3	-.2	-.3	-.3	-.3	23	0.0
20	BF	-.2	-.4	-.2	-.3	-.2	-.1	.2	.4	.4	.4	.3	.3	.2	.2	.1	.1	.0	.0	.0	.1	.2	.0	.1	23	.4
21	BF	.2	.0	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.1	.0	2.4	1.5	.3	.4	9.7	.5	.0	-.1	-.2	-.2	-.1	23	9.7
22	BF	-.1	-.1	-.1	-.1	-.3	.0	.0	.0	.2	.6	.0	-.1	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	.1	.0	23	.6
23	BF	.1	-.1	.0	.0	.0	.0	.5	.7	.3	.3	.2	.2	.4	.1	.2	.1	.1	.1	.2	.0	.0	.1	.1	23	.7
24	BF	.0	.1	.1	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	23	.2
25	BF	.0	.0	.1	.0	.0	.0	.1	.0	.0	-.1	.0	-.1	.0	.0	-.1	.0	.1	.0	.0	-.1	.0	.0	.0	23	.1
26	BF	.0	-.1	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.2	-.2	-.3	-.1	-.1	.0	.0	.0	23	.3
27	BF	.0	-.1	-.2	.0	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.1	-.2	-.1	-.2	-.3	-.3	-.2	-.2	23	0.0
28	BF	-.1	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.1	-.2	-.3	-.3	-.3	-.3	-.2	5.4	9.2	5.4	3.4	1.7	23	9.2
29	BF	.3	.0	-.1	.0	-.1	.0	.0	-.1	-.2	-.2	-.2	-.2	-.2	-.1	.0	-.4	-.2	-.1	-.2	-.3	-.2	-.2	-.1	23	.3
30	BF	-.1	-.1	-.2	-.2	-.1	-.2	.0	.0	-.1	-.1	-.1	-.1	-.1	-.3	-.1	-.2	-.2	-.2	-.1	-.2	-.3	-.1	-.1	23	0.0
31	BF	-.2	-.1	-.2	-.1	.0	.1	.0	.0	-.1	-.1	-.1	.0	-.1	-.1	-.2	-.2	-.3	-.2	-.2	-.1	-.1	-.2	-.3	23	.1
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:		.3	.1	.2	.6	.5	.5	1.0	.7	.7	1.4	.4	.6	2.4	1.5	1.0	1.8	9.7	.8	5.4	9.2	5.4	3.4	1.7		
AVG:		-.04	-.08	-.07	-.05	-.08	-.02	.10	.06	.05	.06	0.00	-.03	.06	0.00	0.00	.05	.35	-.02	.13	.22	.08	.04	0.00		

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: .04 MONTHLY MAX: 9.7

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 Environmental Quality
MONITOR TYPE: OTHER
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2015

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	-.1	-.1	.0	.0	.0	.0	-.3	.0	-.3	-.3	-.2	-.4	-.3	-.1	-.2	-.2	-.3	-.3	-.2	-.3	23	0.0
2	BF	-.2	-.3	-.3	-.3	-.2	-.2	-.3	-.2	-.2	.1	.0	.0	-.1	-.2	-.3	-.2	-.1	-.2	-.3	-.1	-.2	-.1	-.1	23	.1
3	BF	.8	.0	-.1	-.1	-.3	.1	.9	.7	.6	.2	.0	.2	.1	.0	.0	.0	.4	.1	.1	.0	.0	.0	.1	23	.9
4	BF	.0	.0	.0	-.1	.0	-.1	.0	.0	-.1	4.4	17.5	11.3	.7	.2	.0	.0	.1	.1	.0	.0	.0	.0	-.1	23	17.5
5	BF	.0	.0	-.1	.0	1.0	2.2	4.1	3.9	3.2	.5	.0	-.1	.0	.0	7.7	11.7	7.9	6.5	.6	.0	.0	.0	.0	23	11.7
6	BF	.0	-.1	.0	-.1	-.2	.0	.0	-.1	.2	.1	.0	1.0	3.7	.0	-.2	.4	.4	.0	-.1	-.2	-.2	-.2	-.1	23	3.7
7	BF	.0	.0	-.2	-.2	-.2	-.1	-.1	-.1	-.1	-.3	-.1	-.2	-.3	-.2	.0	-.1	-.1	-.1	.0	.0	.0	-.1	.0	23	0.0
8	BF	.0	.0	-.2	-.2	-.1	-.2	-.2	-.1	-.2	-.1	-.2	-.2	-.2	-.1	-.1	-.2	-.2	-.2	-.4	-.2	-.3	-.1	-.2	23	0.0
9	BF	-.2	-.3	-.4	-.2	-.1	-.1	-.2	.0	-.2	-.2	-.3	-.3	.2	.0	-.2	-.2	-.2	-.3	-.2	-.1	-.3	-.2	-.2	23	.2
10	BF	-.2	-.2	-.3	-.3	-.2	-.3	.6	3.3	.7	-.1	.0	-.1	-.1	-.2	-.2	-.2	-.1	.0	-.1	-.2	-.2	-.2	-.1	23	3.3
11	BF	-.3	-.2	-.4	-.3	-.3	-.2	-.1	-.2	-.2	-.2	-.1	-.3	-.2	-.2	-.4	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.2	23	-.1
12	BF	-.1	-.2	-.3	-.3	-.3	.0	-.2	-.1	-.3	-.4	-.4	-.3	-.4	-.4	-.3	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.5	23	0.0
13	BF	-.3	-.4	-.4	-.3	-.3	-.4	-.3	-.4	-.3	-.3	-.4	-.5	-.5	-.4	-.4	-.6	-.5	-.5	-.5	-.6	-.7	-.7	-.6	23	-.3
14	BF	-.6	-.5	-.5	-.4	-.4	-.5	-.4	-.3	1.7	8.1	.0	-.4	-.4	-.3	-.4	-.5	-.3	-.3	12.4	10.1	5.3	2.9	1.0	23	12.4
15	BF	.2	-.2	-.3	-.4	-.2	-.2	-.1	-.1	-.2	-.4	-.5	-.3	-.4	-.7	-.5	-.5	-.6	-.5	-.5	-.6	-.3	.0	-.2	23	.2
16	BF	-.3	-.2	-.2	-.3	-.2	-.1	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.4	-.6	-.3	-.4	-.5	-.5	-.6	-.4	-.6	23	-.1
17	BF	-.4	-.6	-.5	-.6	-.5	-.1	.7	.0	-.1	-.1	-.1	-.2	.0	.4	.7	.0	-.4	-.3	-.2	-.6	-.5	-.4	-.5	23	.7
18	BF	.0	1.1	.3	-.1	-.3	-.4	-.4	-.2	-.4	-.5	-.4	-.4	-.4	-.5	-.6	-.5	-.5	-.4	1.4	-.2	-.3	-.5	-.5	23	1.4
19	BF	-.6	-.5	-.4	-.6	-.6	-.2	-.1	-.1	.0	.6	.6	-.3	-.6	-.6	-.7	-.5	-.5	.0	-.5	-.4	-.5	-.7	-.5	23	.6
20	BF	-.5	-.6	-.6	-.4	-.5	-.5	-.4	-.4	-.3	-.5	-.3	-.5	-.5	-.5	-.4	-.5	-.5	-.6	-.5	-.4	-.5	-.3	-.4	23	-.3
21	BF	-.3	-.3	-.1	-.1	.0	-.1	-.2	-.4	-.4	-.8	-.4	.0	-.4	-.4	-.5	-.4	-.4	-.5	-.4	-.4	-.5	-.4	-.4	23	0.0
22	BF	-.4	-.5	-.5	-.4	-.4	-.3	-.2	-.2	.2	4.0	9.3	5.0	3.8	3.7	1.7	-.3	-.2	-.2	1.1	1.6	1.2	.4	.0	23	9.3
23	BF	-.1	-.3	-.5	-.4	-.3	.0	.0	.3	.2	-.1	-.2	.0	-.2	-.4	-.3	-.4	-.3	-.2	-.4	-.4	-.5	-.4	-.4	23	.3
24	BF																								0	
25																									0	
26																									0	
27																									0	
28																									0	
29																									0	
30																									0	
31																									0	
NO.:		23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23		
MAX:		.8	1.1	.3	0.0	1.0	2.2	4.1	3.9	3.2	8.1	17.5	11.3	3.8	3.7	7.7	11.7	7.9	6.5	12.4	10.1	5.3	2.9	1.0		
AVG:		-.16	-.19	-.27	-.27	-.20	-.07	.12	.22	.15	.58	1.03	.56	.13	-.06	.17	.23	.12	.04	.44	.25	0.00	-.10	-.21		

MONTHLY OBSERVATIONS: 529 MONTHLY MEAN: .11 MONTHLY MAX: 17.5

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 Environmental Quality

REPORT FOR: JANUARY 2015

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	.6	.3	.4	.3	.3	.4	.4	.8	2.6	1.0	.7	.2	.2	.3	.4	.4	.5	.4	.4	.4	.5	.4	23	2.6
2	BF	.6	.5	.3	.3	.2	.3	.2	.3	.3	.3	.2	.3	.5	1.0	.4	.7	.8	.8	.7	.5	.5	.4	.3	23	1.0
3	BF	.3	.3	.3	.2	.2	.2	.1	.1	.1	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.3
4	BF	.2	.1	.1	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.3	.3	.1	.1	.1	.2	.1	.1	.1	.0	23	.3
5	BF	.2	.1	.1	.1	.1	.0	.1	.2	.1	.2	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.2	23	.3
6	BF	.3	.2	.3	.3	.4	.5	.7	.9	1.0	.9	.8	1.5	1.4	.6	.4	.5	.5	.4	.3	.3	.3	.3	.4	23	1.5
7	BF	.6	.5	.5	.5	.4	.4	.6	.6	.8	.8	.6	.4	.4	.4	.5	1.3	2.2	1.7	1.2	AE	AE	AE	.8	20	2.2
8	BF	1.3	1.5	1.6	1.4	1.0	.9	.8	.6	.5	.6	.6	.7	2.1	1.4	.8	.7	.7	.6	.6	.8	1.1	.8	1.0	23	2.1
9	BF	1.1	1.1	1.4	1.7	1.4	1.3	1.1	1.4	2.2	2.6	3.6	1.3	.9	.8	.8	.8	1.1	1.3	1.3	1.1	1.2	1.1	1.1	23	3.6
10	BF	1.0	1.1	1.0	.9	1.0	1.0	1.2	1.2	1.4	1.4	1.3	1.1	1.0	.9	.9	.8	.9	.9	.9	.9	1.1	1.0	1.0	23	1.4
11	BF	1.0	.9	.9	.8	.6	.8	.9	1.0	2.0	2.1	1.5	1.1	1.0	2.4	2.1	.9	.8	.9	.8	.7	.8	.7	1.6	23	2.4
12	BF	1.4	.7	.5	.4	.3	.4	.4	.3	.2	.3	.3	.3	.3	.3	.4	.3	.4	.4	.4	.4	.4	.3	.4	23	1.4
13	BF	.4	.3	.3	.3	.3	.9	1.3	1.2	.9	.6	.5	.6	.6	.6	.5	.5	.4	.4	.4	.4	.5	.4	.6	23	1.3
14	BF	.5	.5	.7	.7	.7	.5	.5	.5	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.1	23	.7
15	BF	.3	.1	.2	.2	.2	.2	.2	.2	.2	.4	.6	.7	.6	.8	.8	1.3	1.2	.9	.7	.9	.8	1.1	.5	23	1.3
16	BF	.3	.3	.2	.2	.2	.2	.2	.2	.3	.2	.2	.3	.3	.4	.5	.5	.5	.4	.5	.5	.5	.4	.5	23	.5
17	BF	.4	.4	.5	.6	.4	.4	.7	.8	.9	1.0	1.0	1.0	.9	.8	.7	.7	.6	.6	.6	.5	.5	.6	.5	23	1.0
18	BF	.6	.4	.2	.3	.2	.2	.2	.3	.5	.8	.7	1.5	.5	.4	.2	.3	.3	.3	.4	.8	2.2	1.3	.8	23	2.2
19	BF	1.7	1.2	.6	1.1	1.3	2.6	1.5	.6	.6	.7	.6	.6	1.0	.6	.6	.6	.5	.5	.5	.4	.4	.7	.6	23	2.6
20	BF	.5	.4	.3	.4	.5	.4	.5	.7	.7	.7	.7	.9	.7	.8	.8	.7	.6	.6	.5	.7	.7	.7	.6	23	.9
21	BF	.8	.5	.5	.7	.7	.7	.8	.8	1.3	1.5	1.0	1.1	1.0	1.0	1.1	1.1	1.1	1.0	.9	.8	.7	.8	1.4	23	1.5
22	BF	1.0	.7	.7	.7	.7	.6	.6	.9	.9	.9	.8	.9	.7	.6	.5	.4	.5	.6	.9	.8	.6	.6	.5	23	1.0
23	BF	.6	.8	.7	.8	.7	.8	.7	.8	.7	.7	.6	.8	.8	.6	.4	.3	.4	.3	.5	.3	.3	.3	.2	23	.8
24	BF	.3	.2	.2	.2	.1	.1	.1	.1	.2	.2	.2	1.1	1.2	1.5	1.3	.9	.6	.6	.6	.6	.6	.7	.6	23	2.3
25	BF	1.8	2.6	1.6	.8	.6	.4	.3	.4	.5	.6	.6	.7	.5	.8	.6	.3	.4	.4	.3	.4	.5	.5	.4	23	2.6
26	BF	.5	.4	.5	.4	.5	.4	.3	.4	.4	AZ	AZ	AZ	.6	.5	.5	.5	.4	.3	.3	.8	1.3	2.4	1.9	20	2.4
27	BF	.8	.6	.6	.6	.6	.6	.7	.8	1.0	1.3	1.6	1.4	1.1	.8	.5	.6	.7	.7	.6	.4	1.6	3.2	3.9	23	3.9
28	BF	3.2	3.3	3.9	3.8	3.4	3.1	2.8	2.7	2.3	1.8	1.6	1.6	1.4	1.5	1.5	1.5	1.5	1.4	1.3	1.0	.9	.9	1.0	23	3.9
29	BF	1.1	.9	.8	1.0	.9	.7	.7	1.1	1.6	1.3	1.0	.9	1.0	1.2	1.2	1.3	.9	.8	.8	.7	.8	1.2	1.2	23	1.6
30	BF	1.1	2.3	1.3	.6	.2	.3	.4	.6	.4	.4	.4	.6	.5	.4	.5	.4	.3	.5	.8	.6	.7	.7	.8	23	2.3
31	BF	.8	.7	.8	.7	.7	.8	.7	1.3	2.2	2.7	2.6	2.1	1.6	1.6	1.5	2.6	1.3	.7	.8	.8	.8	.8	1.0	23	2.7
NO.:		31	31	31	31	31	31	31	31	31	30	30	30	31	31	31	31	31	31	31	30	30	30	31		
MAX:		3.2	3.3	3.9	3.8	3.4	3.1	2.8	2.7	2.3	2.7	3.6	2.1	2.1	2.4	2.1	2.6	2.2	1.7	1.3	1.1	2.2	3.2	3.9		
AVG:		.83	.78	.71	.68	.61	.65	.64	.69	.82	.94	.84	.83	.76	.77	.68	.70	.67	.62	.60	.57	.70	.77	.84		

MONTHLY OBSERVATIONS: 707 MONTHLY MEAN: .73 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: 37-173-0002 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 Environmental Quality
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2015

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	.4	BF	.4	.4	.3	.4	.4	.4	.4	.5	.4	.4	.4	.4	.4	.4	.4	.5	.5	.4	.4	.4	.5	.5	23	.5
2	.5	BF	.4	.4	.4	.3	.5	.5	.4	.5	.4	.4	.4	.5	.5	.4	.4	.4	.5	.5	.6	.5	.5	.4	23	.6
3	.5	BF	.3	.4	.3	.4	.3	.4	.2	.4	.4	.3	.2	.3	.3	.3	.3	.3	.4	.5	.4	.2	.2	.2	23	.5
4	.2	BF	.3	.3	.2	.1	.2	.2	.2	.2	.3	.2	.3	.3	.2	.2	.2	.3	.2	.2	.1	.2	.2	.3	23	.3
5	.3	BF	.2	.3	.3	.2	.3	.3	.3	.3	.5	.5	.4	.4	.3	.4	.4	.4	.5	.4	.3	.3	.3	.4	23	.5
6	.3	BF	.3	.3	.3	.3	.4	.3	.4	.4	.8	1.0	.9	.9	.8	.8	.8	.8	.7	.7	.7	.7	.9	1.2	23	1.2
7	1.1	BF	1.1	1.2	1.3	1.3	1.5	1.3	1.3	1.1	.8	.8	1.0	.7	.9	.8	.9	.9	1.0	.6	.6	.7	.7	.7	23	1.5
8	.7	BF	.7	.5	.6	.7	.5	.5	.5	.7	.7	.8	.6	.6	.6	.7	.6	.6	.7	.8	.8	.8	.8	.9	23	.9
9	.7	BF	.7	.6	.6	.6	.6	1.5	1.8	1.9	1.7	1.4	1.2	1.1	1.1	1.3	1.2	1.2	1.2	1.3	1.1	1.1	.9	.6	23	1.9
10	.6	BF	.7	.5	.6	.7	.7	.7	.7	.8	.9	1.0	.9	.9	.9	.8	.8	.8	.8	.9	.7	.7	.8	.7	23	1.0
11	.7	BF	.7	.7	.8	.7	.8	.7	.8	.7	.8	.8	.8	.8	.8	.8	.8	.8	.9	.9	.8	.8	.8	.8	23	.9
12	.7	BF	.8	.7	.7	.7	.6	.7	.8	.8	.8	.8	.7	.7	.7	.7	.8	.7	.8	.8	.8	.9	.8	.6	23	.9
13	.7	BF	.7	.6	.5	.5	.6	.5	.6	.5	.5	.6	.5	.5	.5	.6	.5	.5	.5	.5	.5	.4	.4	.5	23	.7
14	.5	BF	.5	.5	.4	.5	.4	.5	.4	.4	.5	.5	.6	.5	.5	.5	.5	.6	.5	.5	.5	.4	.5	.4	23	.6
15	.4	BF	.4	.4	.3	.4	.4	.5	.5	.4	.5	.5	.4	.5	.5	.6	.5	.5	.5	.5	.6	.6	.6	.5	23	.6
16	.6	BF	.5	.5	.5	.6	.8	.9	.6	.8	.9	.8	.7	.5	.6	.6	.7	.7	.6	.5	.5	.5	.5	.5	23	.9
17	.4	BF	.5	.5	.5	.5	.5	.5	.5	.6	.5	.6	.6	.6	.6	.7	.7	.6	.6	.6	.5	.5	.6	.5	23	.7
18	.5	BF	.5	.5	.4	.5	.5	.5	.6	.5	.7	.7	.7	.9	.8	.8	.8	.7	.7	.5	.5	.6	.5	.5	23	.9
19	.5	BF	.5	.5	.5	.4	.5	.4	.5	.5	.6	.7	1.1	1.0	.9	.9	.9	.9	.6	.5	.7	.6	.6	.5	23	1.1
20	.5	BF	.5	.4	.6	.5	.5	.5	.6	.5	.7	.8	1.2	1.2	1.2	1.2	1.1	1.0	.9	.7	.7	.6	.6	.6	23	1.2
21	.6	BF	.5	.6	.5	.5	.5	.5	.6	.6	.8	1.1	.8	.7	.8	.7	.9	1.0	.9	.8	.7	.6	.6	.5	23	1.1
22	.5	BF	.5	.5	.5	.6	.4	.5	.6	.6	.6	.7	.8	.9	.9	.9	.8	.9	.8	.8	.7	.6	.4	.6	23	.9
23	.6	BF	.7	.6	.7	.6	.5	.6	.6	.5	.5	.6	.5	.5	.5	.5	.6	.5	.6	.5	.5	.5	.4	.6	23	.7
24	.6	BF	.5	.4	.4	.6	.5	.6	.7	.7	1.4	1.4	1.1	1.1	1.2	1.3	1.1	1.1	1.0	.9	.7	.6	.5	.5	23	1.4
25	.5	BF	.5	.5	.4	.5	.4	.4	.4	.5	.7	.8	.9	.7	.6	.7	.7	.6	.7	.8	.8	.7	.6	.5	23	.9
26	.5	BF	.5	.5	.5	.5	.7	.6	.8	.9	.7	.7	.7	.7	.8	.9	.9	.9	1.2	1.1	1.1	1.0	1.0	.9	23	1.2
27	.8	BF	.8	.8	.9	1.0	1.0	1.0	1.3	1.3	1.3	1.6	1.4	1.1	1.0	.9	1.0	.9	.8	1.0	1.0	.8	.9	.8	23	1.6
28	.7	BF	.7	.6	.7	.5	.5	.6	.7	.6	.8	.7	.8	.8	.7	.7	.7	.8	.6	.6	.7	.7	.8	.7	23	.8
29	.6	BF	.6	.7	.8	.7	.6	.7	.8	.9	.8	.7	.7	.8	.9	.8	.8	.9	.9	.8	.7	.7	.8	.8	23	.9
30	.7	BF	.6	.7	.7	.8	.6	.6	.7	.7	.6	.6	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.6	.7	23	.8
31	.6	BF	.6	.7	.6	.5	.7	.7	.8	.8	.8	.9	1.1	1.0	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	23	1.1
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:	1.1		1.1	1.2	1.3	1.3	1.5	1.5	1.8	1.9	1.7	1.6	1.4	1.2	1.2	1.3	1.2	1.2	1.2	1.3	1.1	1.1	1.0	1.2		
AVG:	.56		.55	.54	.54	.55	.56	.60	.65	.66	.72	.75	.75	.72	.71	.72	.72	.72	.71	.68	.65	.62	.62	.60		

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: .65 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: 37-173-0002 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 Environmental Quality
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2015

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	.8	BF	.8	.7	.8	.7	.7	.7	.9	.8	.8	.8	.8	.8	.8	.7	.7	.6	.7	.6	.6	.6	.7	.6	23	.9
2	.6	BF	.7	.5	.6	.6	.7	.7	.7	.8	.9	1.0	1.2	1.3	1.2	1.4	1.3	1.1	1.0	.9	.8	.9	.7	.7	23	1.4
3	.6	BF	.7	.5	.7	.6	.6	.6	.7	.7	.7	.6	.7	.7	.7	.7	.6	.6	.7	.7	.7	.6	.7	.6	23	.7
4	.6	BF	.6	.6	.7	.6	.7	.7	.7	.7	.7	.6	.7	.7	.8	.7	.7	.7	.7	.7	.6	.7	.6	.7	23	.8
5	.6	BF	.7	.6	.6	.7	.6	.8	1.3	.9	.9	.8	.8	.7	.7	.7	.7	.7	.7	.7	.8	.8	.6	.7	23	1.3
6	.7	BF	.7	.5	.5	.7	.6	.7	.7	.7	.7	.7	.8	.8	.7	.7	.8	.8	.8	.7	.8	.7	.8	.7	23	.8
7	.8	BF	.7	.6	.7	.7	.6	.7	.8	.8	.9	.8	.9	.9	1.0	1.1	1.2	1.0	.9	.9	.9	.8	.8	.8	23	1.2
8	.7	BF	.7	.8	.7	.7	.7	.6	.7	.8	.9	.9	.9	.8	.7	.8	.7	.7	.8	.8	.8	.8	.8	.7	23	.9
9	.6	BF	.7	.7	.6	.6	.7	.7	.6	.7	.7	.6	.7	.6	.6	.6	.7	.7	.7	.6	.6	.5	.6	.6	23	.7
10	.7	BF	.7	.6	.6	.7	.6	.6	.6	.6	.5	.7	.7	.6	.6	.5	.5	.5	.5	.6	.6	.5	.7	.5	23	.7
11	.6	BF	.6	.6	.5	.6	.6	.5	.6	.5	.6	.7	.7	.6	.5	.6	.6	.5	.7	.6	.6	.6	.6	.6	23	.7
12	.5	BF	.6	.6	.6	.6	.5	.5	.7	.8	.7	.8	.8	.7	.8	1.1	.7	.6	.7	.6	.8	.7	.7	.7	23	1.1
13	.7	BF	.6	.6	.7	.7	.7	.8	.8	.8	.7	.7	.7	.8	.8	.7	.7	.9	.8	.7	.8	.8	.7	.8	23	.9
14	.8	BF	.7	.7	.7	.8	1.2	1.7	1.8	1.3	1.3	1.2	1.0	.9	1.0	1.0	1.0	1.0	.9	1.1	.9	.6	.7	.9	23	1.8
15	1.1	BF	.9	.9	.8	.9	.8	.8	.8	.9	.8	.8	.7	.7	.8	.8	.8	.8	.8	.9	.9	1.0	.8	.9	23	1.1
16	.9	BF	.9	1.0	.8	.8	.8	.9	.9	.9	1.0	1.7	1.4	1.1	1.0	.9	.8	.8	.7	.8	.7	.7	.7	.7	23	1.7
17	.8	BF	.8	.8	.8	.7	.9	1.0	1.1	1.0	1.1	1.0	1.1	1.0	.9	.9	.9	.9	.9	.9	.8	.8	.9	1.3	23	1.3
18	1.2	BF	1.8	1.4	1.0	.9	.9	1.0	1.0	1.0	1.1	1.2	1.1	1.1	1.0	.9	.8	.8	1.1	1.4	1.4	1.6	1.3	1.4	23	1.8
19	1.3	BF	1.3	1.5	1.4	1.3	1.4	1.4	1.6	1.7	1.6	1.4	1.5	1.5	1.5	1.6	1.8	1.7	1.6	1.6	1.5	1.5	1.3	1.3	23	1.8
20	1.0	BF	.9	.9	.9	.9	.9	.9	1.0	1.3	1.3	1.1	1.1	1.0	1.0	.9	.9	1.0	1.0	1.1	1.2	1.1	1.1	1.1	23	1.3
21	1.0	BF	1.1	1.0	1.0	1.0	.9	1.1	1.4	1.7	1.7	1.4	1.4	1.5	1.3	1.3	1.2	1.1	1.0	.8	.9	.8	.9	.9	23	1.7
22	.9	BF	.9	.9	.8	.9	.9	.8	.9	1.0	1.0	.9	1.0	.9	.9	.8	.9	.9	.9	.7	.8	1.0	.9	.8	23	1.0
23	.8	BF	.9	.9	.8	.8	.8	.8	.8	.9	.8	.8	.8	.8	.8	.9	.9	.9	.8	.8	.9	.9	.8	1.0	23	1.0
24	.7	BF	.8	.7	.7	.8	.7	.8	.8	.8	.8	.9	.9	.9	.8	.7	.8	.8	.8	.7	.7	.8	.7	.7	23	.9
25	.8	BF	.7	.7	.8	.7	.8	.7	.7	.8	.8	.8	.9	.8	.8	.7	.8	.7	.8	.7	.8	.8	.8	.8	23	.9
26	.7	BF	.7	.7	.7	.7	.7	.8	.7	AV	AV	AV	AV	.8	.8	.8	.7	.8	.8	.7	.8	.8	.8	.7	19	.8
27	.7	BF	.7	.7	.7	.7	.8	.8	1.1	1.6	1.6	1.6	1.6	1.3	1.3	1.3	1.3	1.2	1.2	1.3	1.2	1.0	.7	.9	23	1.6
28	.8	BF	.8	.8	.7	.8	.8	.8	.9	1.5	2.0	1.8	1.7	1.5	1.6	1.5	1.5	1.4	1.1	.9	.8	.8	.8	.8	23	2.0
29																									0	
30																									0	
31																									0	
NO.:	28		28	28	28	28	28	28	28	27	27	27	27	28	28	28	28	28	28	28	28	28	28	28		
MAX:	1.3		1.8	1.5	1.4	1.3	1.4	1.7	1.8	1.7	2.0	1.8	1.7	1.5	1.6	1.6	1.8	1.7	1.6	1.6	1.5	1.6	1.3	1.4		
AVG:	.79		.81	.77	.75	.76	.77	.82	.90	.96	.99	.98	.98	.92	.91	.90	.89	.86	.86	.84	.85	.83	.79	.82		

MONTHLY OBSERVATIONS: 640 MONTHLY MEAN: .86 MONTHLY MAX: 2.0

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

(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 Environmental Quality
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2015

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	.9	.9	.9	1.0	1.0	1.0	1.0	.9	.9	.9	.9	.9	.8	.8	.8	.8	.9	.8	.8	.8	.8	.8	23	1.0
2	.8	BF	.7	.7	.7	.7	.7	.7	.7	.7	.8	.8	.8	.7	.7	.8	.8	.8	.8	.8	.8	.7	.8	.6	23	.8
3	.8	BF	.8	.8	.7	.8	.7	.6	.7	.7	.7	.8	.7	.7	.6	.7	.7	.7	.7	.7	.6	.7	.5	.6	23	.8
4	.5	BF	.6	.7	.6	.6	.7	.6	.6	.7	.7	.6	.5	.7	.5	.5	.6	.6	.6	.6	.6	.7	.6	.6	23	.7
5	.5	BF	.6	.4	.5	.5	.6	.5	.4	.5	.5	.5	.5	.6	.4	.5	.4	.6	.6	.5	.6	.5	.6	.6	23	.6
6	.6	BF	.5	.5	.6	.4	.6	.5	.5	.5	.6	.6	.6	.7	.6	.7	.6	.7	.7	.6	.6	.6	.6	.6	23	.7
7	.6	BF	.7	.6	.6	.6	.6	.6	.7	.7	.7	.8	.8	.7	.6	.7	.8	.8	.7	.7	.6	.6	.7	.6	23	.8
8	.7	BF	.6	.7	.6	.6	.6	.6	.7	.7	.7	.8	.7	.7	.8	.6	.7	.7	.7	.7	.8	.6	.7	.7	23	.8
9	.7	BF	.7	.7	.7	.7	.6	.7	.7	.7	.7	.6	.7	.7	.8	.9	.8	.9	.8	.7	.7	.7	.7	.7	23	.9
10	.7	BF	.6	.6	.7	.6	.6	.7	.7	AE	.6	.7	.8	.6	.7	.7	.5	.7	.6	.6	.6	.6	.6	.6	22	.8
11	.5	BF	.7	.6	.6	.6	.5	.6	.7	.6	.5	.6	.6	.6	.6	.6	.7	.5	.6	.5	.5	.5	.5	.5	23	.7
12	.5	BF	.6	.5	.4	.4	.5	.4	.5	.5	.5	.6	.5	.5	.6	.6	.7	.7	.7	.7	.8	.8	.9	.8	23	.9
13	.7	BF	.6	.7	.7	.6	.7	.6	.5	.5	.5	.6	.6	.4	.5	.5	.4	.5	.5	.5	.5	.5	.4	.5	23	.7
14	.5	BF	.5	.5	.4	.5	.4	.5	.6	.5	.4	.5	.4	.4	.4	.5	.4	.4	.5	.5	.4	.5	.4	.3	23	.6
15	.4	BF	.5	.4	.5	.3	.4	.4	.3	.4	.5	.5	.5	.4	.4	.5	.5	.5	.5	.4	.5	.5	.3	.5	23	.5
16	.5	BF	.5	.5	.5	.4	.4	.4	.5	.5	.4	.5	.4	.5	.5	.5	.4	.4	.6	.5	.5	.5	.5	.5	23	.6
17	.5	BF	.5	.5	.4	.4	.6	.5	.6	.7	.5	.6	.6	.8	.8	.7	.6	.6	.5	.5	.5	.4	.6	.6	23	.8
18	.5	BF	.5	.5	.4	.6	.4	.5	.5	.5	.6	.5	.6	.5	.5	.4	.7	1.0	1.2	1.1	1.1	.8	.7	.6	23	1.2
19	.7	BF	.6	.6	.6	.5	.5	.6	.5	.5	.6	.6	.6	.6	.5	.4	.5	.4	.5	.5	.4	.4	.5	.5	23	.7
20	.5	BF	.6	.5	.5	.5	.5	.4	.5	.4	.5	.5	.5	.6	.5	.6	.5	.5	.4	.4	.4	.6	.5	.5	23	.6
21	.5	BF	.6	.4	.5	.5	.5	.5	.5	.5	.6	.6	.4	.4	.5	.6	.5	.5	.5	.5	.5	.5	.5	.5	23	.6
22	.5	BF	.5	.4	.5	.5	.5	.5	.5	.4	.5	.6	.6	.6	.6	.5	.4	.4	.4	.4	.4	.5	.4	.5	23	.6
23	.5	BF	.5	.5	.4	.4	.5	.3	.4	.5	.5	.7	.8	.7	.6	.6	.5	.5	.5	.5	.4	.4	.5	.4	23	.8
24	.6	BF	.4	.4	.4	.5	.5	.5	.5	.5	.5	.5	.6	.5	.6	.5	.6	.5	.7	.6	.6	.5	.5	.5	23	.7
25	.5	BF	.6	.4	.5	.6	.5	.6	.6	.6	.6	.5	.6	.4	.5	.5	.4	.5	.5	.5	.4	.6	.5	.5	23	.6
26	.5	BF	.4	.5	.5	.5	.5	.4	.4	.5	.5	.5	.4	.5	.5	.4	.5	.4	.5	.4	.6	.5	.5	.5	23	.6
27	.4	BF	.6	.4	.5	.3	.4	.4	.4	.4	.4	.4	.4	.3	.4	.5	.5	.6	.6	.5	.5	.5	.5	.5	23	.6
28	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	
29	.7	AE	.8	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	2	.8
30	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	
31	AE	AE	AE	AE	AE	AE	AE	AE	AE	.8	1.0	.9	1.1	.9	.9	.8	.8	.9	.8	.8	.6	.7	.7	.7	15	1.1
NO.:	28		28	27	27	27	27	27	27	27	28	28	28	28	28	28	28	28	28	28	28	28	28	28		
MAX:	.9		.9	.9	.9	1.0	1.0	1.0	1.0	.9	1.0	.9	1.1	.9	.9	.9	.8	1.0	1.2	1.1	1.1	.8	.9	.8		
AVG:	.58		.60	.55	.55	.54	.56	.54	.56	.57	.59	.62	.61	.59	.59	.59	.58	.61	.63	.59	.58	.58	.57	.56		

MONTHLY OBSERVATIONS: 637 MONTHLY MEAN: .58 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
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SITE ADDRESS: 30 Recreation Park Drive
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AQCR: (171) WESTERN MOUNTAIN
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LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

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

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2015

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	.7	BF	.7	.7	.6	.6	.6	.6	.8	.9	1.0	1.0	.9	.8	.7	.7	.7	.7	.8	.9	.7	.7	.7	.6	23	1.0
2	.7	BF	.7	.6	.6	.8	.6	.8	BC	BC	BC	BC	-.2	-.2	-.3	-.2	-.3	-.3	-.3	-.3	-.4	-.3	-.4	-.3	19	.8
3	-.3	BF	-.3	-.4	-.3	-.3	-.4	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.1	-.1	.0	-.4	-.4	-.4	23	0.0
4	-.3	BF	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.4	-.3	-.4	-.3	-.4	-.2	-.3	-.3	-.3	-.3	-.3	-.3	23	-.2
5	-.3	BF	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.2	-.1	.0	-.1	-.1	-.1	-.2	-.2	-.1	.0	-.1	-.1	-.2	-.2	-.1	23	0.0
6	-.2	BF	-.1	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.1	-.1	-.2	-.2	-.1	-.1	-.3	-.2	-.3	-.3	-.1	-.3	-.2	-.3	23	-.1
7	-.3	BF	-.3	-.3	-.4	-.4	-.4	-.3	-.2	-.3	-.3	-.3	-.4	-.3	-.3	-.4	-.4	-.3	-.3	-.3	-.4	-.3	-.4	-.4	23	-.2
8	-.5	BF	-.3	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.3	-.4	-.4	-.5	-.4	-.4	-.4	23	-.3
9	-.5	BF	-.4	-.4	-.4	-.4	.0	-.2	-.1	-.2	-.1	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.3	-.4	-.3	-.5	-.4	-.6	23	0.0
10	-.5	BF	-.5	-.5	-.4	-.4	-.5	-.5	-.5	-.4	-.5	-.5	-.6	-.6	-.5	-.5	-.5	-.5	-.5	-.6	-.5	-.5	-.6	-.5	23	-.4
11	-.5	BF	-.5	-.6	-.5	-.6	-.6	-.5	-.5	-.3	-.5	-.4	-.3	-.3	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.5	23	-.3
12	-.5	BF	-.4	-.5	-.5	-.4	-.4	-.4	-.4	-.2	-.1	-.2	-.2	-.3	-.3	-.3	-.3	-.2	-.2	-.1	-.2	-.3	-.3	-.3	23	-.1
13	-.4	BF	-.3	-.2	-.3	-.2	-.4	-.4	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.5	-.5	-.5	-.4	-.5	-.5	-.4	23	-.2
14	-.5	BF	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.5	BA	BA	-.5	-.6	-.5	-.5	-.5	-.5	-.6	-.6	-.6	21	-.5
15	-.6	BF	-.6	-.5	-.6	-.6	-.5	-.6	-.6	-.6	-.6	-.5	-.6	-.6	AE	AE	AE	-.6	-.6	-.6	-.6	-.7	-.5	-.6	20	-.5
16	-.6	BF	-.6	-.6	-.6	-.5	-.5	-.5	-.5	-.5	-.4	-.4	-.5	-.6	-.6	-.6	-.5	-.6	-.6	-.7	-.5	-.7	-.6	-.6	23	-.4
17	-.6	BF	-.7	-.6	-.7	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.5	-.6	-.6	-.7	-.6	-.6	-.7	-.7	-.7	-.7	-.6	23	-.5
18	-.7	BF	-.7	-.7	-.6	-.7	-.7	-.7	-.7	-.6	-.5	-.2	-.3	-.4	-.3	-.5	-.7	-.6	-.6	-.6	-.6	-.7	-.6	-.7	23	-.2
19	-.7	BF	-.6	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.6	-.7	-.8	-.7	-.8	-.6	-.7	-.7	23	-.6
20	-.7	BF	-.6	-.7	-.8	-.7	-.7	-.7	-.5	-.7	-.6	-.7	-.7	-.6	-.6	-.7	-.6	-.6	-.6	-.8	-.7	-.7	-.6	-.6	23	-.5
21	-.5	BF	-.5	-.5	-.6	-.7	-.7	-.5	-.4	-.4	-.4	-.5	-.5	-.4	-.6	-.5	-.4	-.5	-.5	-.5	-.5	-.6	-.6	-.5	23	-.4
22	-.5	BF	-.6	-.6	-.5	-.5	-.6	-.4	-.3	-.3	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.5	-.4	-.5	-.3	23	-.3
23	-.4	BF	-.3	-.3	-.3	-.3	-.5	-.3	.0	.0	-.1	-.3	-.3	-.4	-.4	-.4	-.4	-.3	-.3	-.2	-.3	-.3	-.4	-.4	23	0.0
24	-.5	BF	-.5	-.4	-.4	-.5	-.4	-.4	-.2	.0	.0	-.2	-.2	-.3	-.4	-.4	-.3	-.3	-.2	-.1	-.3	-.3	-.4	-.3	23	0.0
25	-.4	BF	-.3	-.5	-.5	-.4	-.5	-.5	-.3	-.4	-.5	-.4	-.4	-.4	-.3	-.5	-.5	-.5	-.4	-.4	-.5	-.5	-.6	-.5	23	-.3
26	-.6	BF	-.4	-.5	-.6	-.6	-.6	-.6	-.5	-.4	-.3	-.5	-.4	-.4	-.6	-.5	-.4	-.6	-.6	-.6	-.5	-.5	-.4	-.5	23	-.3
27	-.5	BF	-.5	-.6	-.5	-.6	-.6	-.4	.3	.5	.1	-.1	-.3	-.3	-.4	-.3	-.3	-.4	-.3	-.3	-.3	-.4	-.3	-.5	23	.5
28	-.5	BF	-.5	-.5	-.5	-.5	-.4	-.4	-.3	BA	-.2	-.2	-.3	-.3	-.2	-.2	-.2	-.1	-.1	.0	-.1	-.3	-.3	-.4	22	0.0
29	-.3	BF	-.4	-.4	-.5	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.4	-.4	-.5	-.5	-.4	-.5	-.5	-.4	-.5	-.4	23	-.3
30	-.5	BF	-.6	-.5	-.5	-.5	-.5	-.5	-.4	-.5	-.3	-.4	-.4	-.3	-.3	-.4	-.5	-.5	-.5	-.5	-.5	-.4	-.5	-.4	23	-.3
31																									0	
NO.:	30		30	30	30	30	30	30	29	28	29	29	30	29	28	29	29	30	30	30	30	30	30	30		
MAX:	.7		.7	.7	.6	.8	.6	.8	.8	.9	1.0	1.0	.9	.8	.7	.7	.7	.7	.8	.9	.7	.7	.7	.6		
AVG:	-.40		-.38	-.40	-.41	-.39	-.41	-.37	-.32	-.30	-.29	-.32	-.35	-.33	-.36	-.37	-.38	-.37	-.36	-.37	-.37	-.42	-.42	-.42		

MONTHLY OBSERVATIONS: 680 MONTHLY MEAN: -.37 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: 37-173-0002 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 Environmental Quality
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2015

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	-.5	BF	-.5	-.4	-.5	-.4	-.5	-.5	-.4	-.5	-.4	-.3	-.4	-.4	-.5	-.4	-.5	-.4	-.4	-.4	-.3	-.5	-.4	-.4	23	-.3
2	-.4	BF	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.3	-.4	-.2	-.3	-.3	-.3	-.4	-.3	23	-.2
3	-.5	BF	-.5	-.4	-.4	-.4	-.4	-.4	-.3	-.2	.0	-.2	-.2	-.3	-.3	-.4	-.3	-.3	-.2	-.2	-.3	-.3	-.5	-.4	23	0.0
4	-.4	BF	-.4	-.3	-.4	-.4	-.4	-.4	-.2	-.2	-.1	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.2	-.4	-.4	-.4	-.3	-.5	23	-.1
5	-.5	BF	-.4	-.4	-.4	-.5	-.5	-.3	-.3	-.3	-.3	-.2	-.2	-.3	-.2	-.2	-.2	-.3	-.3	-.4	-.4	-.4	-.3	-.5	23	-.2
6	-.4	BF	-.4	-.4	-.5	-.5	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.1	-.1	-.1	-.3	-.4	-.4	-.4	-.3	-.4	-.5	-.5	23	-.1
7	-.4	BF	-.4	-.5	-.5	-.5	-.5	-.4	-.4	-.4	-.4	-.3	-.4	-.3	-.4	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.4	23	-.3
8	-.5	BF	-.5	-.5	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.4	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.6	-.5	-.6	-.5	-.6	23	-.4
9	-.6	BF	-.5	-.6	-.5	-.5	-.5	-.6	-.5	-.6	-.5	-.5	-.5	-.4	-.4	-.3	-.4	-.6	-.6	-.5	-.5	-.5	-.4	-.5	23	-.3
10	-.5	BF	-.5	-.6	-.5	-.5	-.6	-.5	-.5	-.5	-.6	-.5	-.5	-.5	-.4	-.5	-.6	-.5	-.4	-.5	-.6	-.5	-.6	-.6	23	-.4
11	-.5	BF	-.6	-.6	-.6	-.6	-.6	-.5	-.5	-.5	-.6	-.5	-.5	-.5	-.5	-.5	-.6	-.5	-.5	-.6	-.5	-.6	-.6	-.6	23	-.5
12	-.6	BF	-.6	-.6	-.7	-.6	-.6	-.6	-.5	-.5	-.6	-.7	-.6	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.7	-.5	-.6	-.5	23	-.4
13	-.6	BF	-.6	-.5	-.6	-.6	-.6	-.6	-.4	-.3	-.3	-.3	-.2	-.3	-.4	-.5	-.4	-.4	-.4	-.5	-.6	-.6	-.5	-.6	23	-.2
14	-.6	BF	-.5	-.6	-.6	-.6	-.5	-.5	-.4	-.2	-.2	-.1	-.2	-.2	-.3	-.3	-.3	-.2	-.2	-.2	-.3	-.3	-.4	-.5	23	-.1
15	-.5	BF	-.5	-.5	-.6	-.6	-.5	-.5	-.5	-.3	-.5	-.5	-.6	-.5	-.5	-.5	-.5	-.5	-.6	-.6	-.6	-.5	-.6	-.6	23	-.3
16	-.6	BF	-.5	-.7	-.6	-.6	-.5	-.5	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.5	-.6	-.6	-.6	-.5	-.6	-.6	-.6	-.6	23	-.5
17	-.6	BF	-.6	-.6	-.6	-.7	-.6	-.7	-.6	-.6	-.7	-.7	-.6	-.5	-.6	-.6	-.6	-.6	-.6	-.7	-.6	-.7	-.6	-.6	23	-.5
18	-.8	BF	-.5	-.6	-.7	-.6	-.7	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.6	-.7	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.6	23	-.5
19	-.7	BF	-.5	-.7	-.8	-.7	-.7	-.6	-.7	-.7	-.6	-.7	-.7	-.7	-.7	-.6	-.7	-.6	-.8	-.7	-.7	-.7	-.7	-.7	23	-.5
20	-.7	BF	-.7	-.6	-.7	-.7	-.7	-.6	-.6	-.6	-.5	-.6	-.6	-.7	-.6	-.6	-.7	-.6	-.7	-.6	-.7	-.7	-.7	-.6	23	-.5
21	-.7	BF	-.6	-.8	-.7	-.7	-.7	-.7	-.6	BA	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.6	-.8	-.7	-.6	22	-.6
22	-.7	BF	-.6	-.6	-.6	-.6	-.7	-.6	-.6	-.7	-.5	-.7	-.6	-.7	-.5	-.6	-.5	-.5	-.4	-.4	-.5	-.4	-.5	-.6	23	-.4
23	-.5	BF	-.5	-.6	-.5	-.5	-.6	-.6	-.6	-.4	-.4	-.3	-.3	-.4	-.4	-.4	-.4	-.5	-.5	-.4	-.3	-.5	-.6	-.6	23	-.3
24	-.5	BF	-.6	-.6	-.6	-.5	-.5	-.6	-.6	-.5	-.5	-.5	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.5	-.6	23	-.4
25	-.5	BF	-.5	-.5	-.5	-.6	-.6	-.5	-.6	-.6	-.6	-.5	-.5	-.5	-.5	-.6	-.5	-.6	-.6	-.4	-.6	-.5	-.6	-.6	23	-.4
26	-.6	BF	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	AZ	AZ	AZ	-.6	-.6	-.6	-.6	-.5	-.7	-.7	-.6	-.6	-.6	-.7	20	-.5
27	-.7	AN	-.6	-.6	-.6	-.7	-.6	-.7	-.6	-.6	BA	BA	-.6	-.6	-.7	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.7	21	-.6
28	-.7	BF	-.7	-.7	-.6	-.6	-.7	-.6	-.6	-.7	-.7	-.7	-.7	-.6	-.7	-.7	-.7	-.7	-.7	-.6	-.6	-.7	-.6	-.7	23	-.6
29	-.8	BF	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.6	-.7	-.8	-.6	-.7	-.7	-.7	-.8	-.7	-.7	-.7	-.7	-.6	-.7	23	-.6
30	-.7	BF	-.6	-.7	-.7	-.7	-.7	-.7	-.6	-.7	-.6	-.6	-.7	-.6	-.7	-.7	-.6	-.7	-.7	-.7	-.6	-.6	-.6	-.7	23	-.6
31	-.7	BF	-.5	-.7	-.7	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.8	23	-.5
NO.:	31		31	31	31	31	31	31	31	30	29	29	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:	-.4		-.4	-.3	-.4	-.4	-.4	-.3	-.2	-.2	0.0	-.1	-.2	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3		
AVG:	-.58		-.54	-.57	-.58	-.57	-.58	-.55	-.52	-.50	-.48	-.48	-.49	-.47	-.48	-.49	-.51	-.52	-.52	-.52	-.53	-.54	-.55	-.58		

MONTHLY OBSERVATIONS: 707 MONTHLY MEAN: -.53 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 Environmental Quality
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2015

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

MONTHLY OBSERVATIONS: 686 MONTHLY MEAN: .27 MONTHLY MAX: .5

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(42401) Sulfur dioxide

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UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 560
PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2015

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	BF	.3	.2	.3	.3	.2	.2	.3	.3	.3	.3	.2	.3	.4	.5	.4	.2	.3	.3	.2	.2	.2	.2	23	.5
2	.2	BF	.4	.3	.3	.3	.3	.2	.1	.3	.2	.2	.3	.1	.2	.2	.3	.2	.3	.3	.2	.3	.3	.2	23	.4
3	.2	BF	.3	.2	.2	.2	.2	.3	.1	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.3	.3	.2	.2	.2	23	.3
4	.3	BF	.3	.2	.4	.2	.2	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.2	23	.4
5	.2	BF	.3	.2	.3	.2	.2	.2	.3	.3	.4	.1	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	23	.4
6	.2	BF	.3	.2	.2	.3	.2	.3	.2	.2	.3	.3	.1	.3	.3	.2	.2	.3	.3	.3	.2	.2	.2	.3	23	.3
7	.3	BF	.4	.3	.3	.3	.3	.2	.3	.3	.3	.3	.3	.2	.2	.3	.3	.3	.3	.3	.3	.2	.2	.3	23	.4
8	.2	BF	.3	.2	.3	.3	.2	.3	.3	.4	.4	.5	.4	.4	.3	.3	.3	.2	.3	.3	.2	.2	.3	.3	23	.5
9	.2	BF	.3	.2	.3	.2	.3	.3	.3	.4	.4	.3	.3	.4	.3	.3	.4	.4	.3	.3	.3	.3	.4	.3	23	.4
10	.3	BF	.4	.2	.2	.3	.3	.3	.3	.4	.6	.6	.5	.4	.5	.4	.4	.4	.3	.3	.3	.2	.3	.2	23	.6
11	.3	BF	.4	.3	.3	.3	.3	.3	.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	.4	.3	.2	.3	.2	.2	23	.4
12	.3	BF	.4	.3	.3	.1	.3	.3	.2	.3	.2	.3	.2	.3	.4	.2	.3	.2	.3	.3	.2	.2	.2	.2	23	.4
13	.3	BF	.4	.3	.2	.2	.1	.2	.2	.2	.3	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	23	.4
14	.3	BF	.5	.3	.2	.2	.1	.2	.3	.2	.2	.1	.2	.3	.2	.3	.2	.2	.3	.1	.3	.2	.2	.1	23	.5
15	.2	BF	.3	.2	.3	.3	.3	.3	.2	.2	.2	.2	.2	.3	.2	.3	.3	.2	.3	.2	.2	.2	.2	.2	23	.3
16	.3	BF	.3	.2	.2	.3	.2	.2	.3	.3	.3	.5	.3	.3	.3	.3	.2	.3	.3	.3	.3	.2	.4	.3	23	.5
17	.3	BF	.3	.2	.3	.2	.3	.4	.3	.3	.3	.3	.3	.2	.3	.2	.3	.3	.3	.2	.3	.2	.4	.3	23	.4
18	.2	BF	.4	.3	.3	.3	.2	.2	.2	.2	.3	.3	.3	.4	.3	.3	.3	.3	.4	.3	.2	.2	.2	.2	23	.4
19	.2	BF	.3	.2	.3	.3	.2	.3	.3	.3	.3	.3	.5	.4	.5	.4	.4	.3	.3	.2	.3	.3	.3	.2	23	.5
20	.3	BF	.4	.2	.2	.3	.2	.3	.3	.4	BA	.3	.3	.4	.3	.3	.3	.3	.2	.2	.3	.3	.2	.3	22	.4
21	.2	BF	.4	.2	.2	.2	.2	.3	.1	.2	.3	.3	.3	.2	.3	.3	.2	.3	.2	.3	.2	.2	.2	.2	23	.4
22	.2	BF	.5	.2	.3	.3	.3	.3	.2	.2	.3	.3	.4	.3	.2	.4	.3	.3	.3	.3	.2	.2	.3	.2	23	.5
23	.3	BF	.4	.3	.4	.3	.3	.3	.2	.3	.3	.3	.2	.3	.2	.2	.3	.3	.2	.2	.2	.1	.3	.2	23	.4
24	.2	BF	.6	.3	.3	.3	.3	.2	.3	.2	.3	.4	.2	.2	.3	.2	.3	.3	.3	.3	.3	.3	.3	.3	23	.6
25	.3	BF	.4	.3	.3	.3	.3	.3	.3	.3	.4	.3	.2	.3	.2	.3	.3	.3	.2	.3	.3	.2	.3	.3	23	.4
26	.2	BF	.5	.3	.3	.3	.2	.3	.4	.3	.2	.3	.4	.3	.4	.4	.2	.3	.2	.2	.3	.3	.3	.3	23	.5
27	.3	BF	.4	.3	.3	.3	.3	.2	.3	.3	.3	.4	.3	.3	.4	.3	.3	.3	.3	.3	.3	.3	.4	.3	23	.4
28	.3	BF	.5	.2	.3	.2	.3	.2	.3	.3	.3	.3	.3	.3	.4	.3	.3	.3	.3	.3	.3	.3	.4	.2	23	.5
29	.3	BF																							1	.3
30																									0	
31																									0	
NO.:	29		28	28	28	28	28	28	28	28	27	28	28	28	28	28	28	28	28	28	28	28	28	28		
MAX:	.3		.6	.3	.4	.3	.3	.4	.4	.4	.6	.6	.5	.4	.5	.5	.4	.4	.4	.3	.3	.3	.4	.3		
AVG:	.26		.38	.24	.28	.26	.24	.26	.26	.29	.30	.31	.28	.29	.30	.29	.29	.28	.28	.26	.25	.24	.27	.24		

MONTHLY OBSERVATIONS: 644 MONTHLY MEAN: .28 MONTHLY MAX: .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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2015

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	.7	BF	.5	.4	.5	.4	.4	.5	.5	.5	.4	.6	.4	.4	.4	.4	.4	.5	.5	.5	.4	.4	.5	.4	23	.7
2	.4	BF	.3	.3	.2	.2	.3	.3	.5	.5	.6	.5	.3	.3	.4	.4	.2	.3	.3	.3	.4	.3	.2	.3	23	.6
3	.2	BF	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
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	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.3	.2	2.3	2.1	.8	.5	23	2.3
6	.4	BF	.3	.2	.2	.2	.4	.4	.7	.6	.6	.6	.5	.6	.9	1.3	.8	.6	.9	.6	1.0	1.4	1.3	.8	23	1.4
7	.8	BF	2.6	1.6	.5	.4	.5	.6	.5	.5	.5	.6	.6	.6	.3	.5	2.0	2.6	2.7	2.9	1.0	1.5	1.9	2.9	23	2.9
8	1.1	BF	.8	.6	.9	.9	1.0	2.2	2.2	2.3	3.1	3.6	2.9	1.3	1.0	.9	.8	.8	.7	.7	.7	.7	.7	.7	23	3.6
9	.7	BF	.7	.7	.7	.7	.6	1.0	1.3	1.6	1.6	1.6	1.5	1.4	1.3	1.3	1.3	1.3	1.4	1.6	1.3	1.1	.9	.9	23	1.6
10	.8	BF	.7	.7	.7	.9	1.4	2.4	3.1	4.1	1.9	1.4	1.5	1.6	1.9	1.9	1.8	1.5	1.4	1.2	1.2	1.0	1.0	.9	23	4.1
11	.9	BF	.6	.7	.8	.7	.8	.7	.8	.9	.9	.8	.8	.7	.7	.6	.6	.7	.7	.7	.7	.7	.6	.5	23	.9
12	.5	BF	.4	.3	.2	.1	.1	.1	.1	.1	.2	.3	.2	.1	.1	.1	.2	.3	.2	.1	.1	.0	.1	.0	23	.5
13	.0	BF	.0	.3	1.5	1.0	.5	.4	.4	BA	.4	.4	.4	.3	.3	.3	.4	.5	.8	.8	.9	.7	.5	.4	22	1.5
14	.3	BF	.3	.3	.3	.5	.5	.4	.4	.4	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.5
15	.0	BF	.0	.0	.0	.0	.0	.0	.1	.1	.2	.3	.3	AE	.4	.4	.3	.3	.3	.3	.2	.1	.1	.1	22	.4
16	.1	BF	.2	.2	.1	.1	.1	.1	.3	.3	.3	.3	.2	.2	.2	.3	.3	.3	.4	.5	.5	.5	.5	.6	23	.6
17	.4	BF	.2	.4	.5	.4	.3	.6	1.0	1.1	1.1	1.1	1.0	1.0	.8	.7	.6	.7	.7	.6	.6	.5	.5	.4	23	1.1
18	.4	BF	.3	.1	.1	.1	.0	.0	.1	.0	.1	.4	.5	.5	.4	.4	.2	.3	.1	.2	.3	.3	.5	.2	23	.5
19	.2	BF	.2	.1	.2	.5	.5	.5	.6	.7	.5	.5	.4	.4	.4	.4	.5	.6	.8	.6	.5	.4	.6	.5	23	.8
20	.4	BF	.4	.4	.4	.3	.4	.4	.6	.7	.6	.5	.5	.5	.6	.6	.5	.7	.7	.8	.9	.9	1.0	1.0	23	1.0
21	.9	BF	.7	.5	.4	.2	.2	.3	.5	.6	.3	.1	.1	.2	BE	.7	.7	.9	1.0	1.2	1.3	1.1	.7	.5	22	1.3
22	.7	BF	.1	.2	.3	.3	.3	.3	.4	.6	1.2	1.6	1.2	1.2	1.2	1.6	1.0	.7	.7	.7	.9	1.1	1.1	.7	23	1.6
23	.6	BF	.4	.3	.3	.4	.5	.5	.6	.5	.5	.4	.3	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	23	.6
24	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.8	.4	.3	.7	1.0	.9	1.0	1.0	.8	.7	.9	.7	.6	23	1.0
25	.5	BF	.6	.7	.8	.8	.5	.4	.7	1.1	1.0	.7	.7	.7	.9	.6	.4	.4	.4	.4	.4	.3	.2	.2	23	1.1
26	.2	BF	.5	.3	.2	.2	.2	.3	.2	.2	.3	.3	.3	.2	.2	.2	.2	.4	1.2	1.1	.4	.4	.5	.7	23	1.2
27	1.2	BF	2.4	2.5	2.5	1.6	1.7	1.5	3.7	4.1	3.8	3.0	3.5	3.9	3.8	1.3	1.2	1.0	.9	.9	.8	1.9	3.8	2.7	23	4.1
28	4.8	BF	2.6	3.7	4.8	4.4	3.8	4.0	4.1	2.8	2.4	1.5	1.2	1.1	1.0	1.0	1.4	1.5	1.5	1.6	1.4	1.6	1.5	1.1	23	4.8
29	.9	BF	.6	.5	.5	.5	.6	1.0	1.3	1.5	1.5	1.4	1.3	1.0	.9	.9	.8	.8	.8	.7	.7	.7	.6	.6	23	1.5
30	.7	BF	.7	.8	.9	.9	.6	.5	.9	2.2	.5	.3	.5	.6	.4	.6	.5	.6	.9	1.1	3.8	4.4	1.6	.7	23	4.4
31	.8	BF	.8	.8	.8	.8	.8	.7	.9	AE	AE	.9	.8	.9	1.0	1.0	1.2	1.3	1.4	1.6	1.5	1.7	1.3	1.1	21	1.7
NO.:	31		31	31	31	31	31	31	31	29	30	31	31	30	30	31	31	31	31	31	31	31	31	31		
MAX:	4.8		2.6	3.7	4.8	4.4	3.8	4.0	4.1	4.1	3.8	3.6	3.5	3.9	3.8	1.9	2.0	2.6	2.7	2.9	3.8	4.4	3.8	2.9		
AVG:	.63		.58	.57	.63	.56	.55	.65	.85	.97	.83	.80	.73	.68	.68	.63	.63	.68	.74	.73	.80	.86	.76	.65		

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: .70 MONTHLY MAX: 4.8

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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2015

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	.8	.7	.6	.6	.6	.7	.7	.8	.8	1.1	1.3	1.0	1.0	1.2	1.1	1.0	.8	.7	.5	.3	.3	.3	23	1.3
2	.3	BF	AE	AE	AE	AE	AE	.1	.0	.0	.0	.1	.1	.1	.1	.2	.4	1.1	1.5	1.4	1.1	.9	.8	.7	18	1.5
3	.6	BF	.5	.6	1.7	5.1	7.2	9.3	9.5	6.1	1.0	1.7	1.3	1.2	2.3	2.8	1.3	.7	.8	.8	.8	.8	.8	.7	23	9.5
4	.6	BF	.4	.4	.3	.3	.6	.8	.9	1.1	1.3	1.3	1.0	.8	.7	.7	.6	.5	.5	.5	.4	.4	.6	.6	23	1.3
5	DL	.7	.7	.7	.9	1.0	1.1	1.1	1.0	2.2	2.2	1.7	1.0	.8	.7	.7	.9	.9	1.1	1.3	1.4	1.4	.9	.9	23	2.2
6	1.0	BF	1.0	.9	.9	.7	.7	.8	.9	.7	.9	1.0	1.1	1.1	1.2	1.2	1.3	1.2	1.1	1.0	.9	.9	.9	.9	23	1.3
7	.9	BF	.6	.5	.6	.5	.5	.7	.9	1.0	1.2	1.1	1.2	.9	1.2	.8	.8	1.0	.9	.8	1.0	1.3	1.3	1.2	23	1.3
8	1.0	BF	.8	.8	.7	.6	.6	.7	.7	.7	.7	.6	.5	.4	.3	.3	.6	.7	.5	.6	.5	.5	.5	.4	23	1.0
9	.4	BF	.4	.4	.4	.5	.6	.6	.7	.8	1.0	BA	.6	.5	.5	.4	.2	.1	.0	.0	.0	.0	.0	.0	22	1.0
10	.1	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.3	.3	.3	.2	.1	.1	23	.3
11	.1	BF	.2	.1	.1	.1	.2	.2	.4	.3	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.5	.4	.2	.2	23	.5
12	.2	BF	.1	.1	.0	.1	.3	.4	.6	.7	.9	1.1	1.0	1.0	1.2	1.3	.3	.1	.8	.9	.4	.3	.3	.8	23	1.3
13	.5	BF	.7	.9	4.2	3.8	1.1	.9	1.2	1.4	2.3	2.0	1.5	1.8	1.7	2.1	3.0	1.6	.7	.7	.9	1.2	1.3	1.1	23	4.2
14	1.0	BF	.9	.7	.5	.6	.6	.6	.8	1.1	.9	.7	.6	.6	.5	.4	.4	.4	.6	.6	.5	.3	.8	.5	23	1.1
15	.5	BF	.4	.5	.5	.6	.7	.6	.6	.5	.5	.6	.7	.6	.5	.6	.5	.6	.7	.8	.9	1.0	1.0	1.2	23	1.2
16	1.3	BF	4.7	2.9	1.8	1.5	1.4	1.3	.9	.8	.9	.9	.9	.9	.9	.7	.7	.6	.5	.3	.2	.2	.1	.2	23	4.7
17	.2	BF	.4	.4	.3	.5	.4	.3	.3	.5	.8	1.0	1.1	1.2	1.1	.9	.8	.7	.6	.6	.4	.4	.3	.3	23	1.2
18	.3	BF	.2	.4	.2	.2	.4	.4	.8	2.6	1.8	1.3	.9	.9	.4	.2	.2	.2	.3	.4	.7	.4	.5	.5	23	2.6
19	.5	BF	.5	.6	.7	.9	.9	.8	.8	.8	.9	.9	.9	.9	.8	.7	1.2	1.3	1.0	1.0	1.1	1.0	1.1	1.1	23	1.3
20	1.2	BF	1.7	1.9	2.0	1.9	2.5	2.2	2.3	2.2	2.0	1.9	1.8	1.8	1.8	1.9	1.7	1.8	1.7	1.6	1.6	1.4	1.3	1.4	23	2.5
21	1.5	BF	1.5	1.6	1.3	1.1	1.0	1.0	1.0	1.0	.9	.9	.8	.7	.7	.7	.7	.6	.5	.4	.2	.2	.2	.2	23	1.6
22	.2	BF	.2	.2	.2	.1	.2	.2	.3	.4	.4	.3	.4	.3	.2	.1	.1	.1	.2	.2	.3	.2	.2	.1	23	.4
23	.2	BF	.4	.3	.3	.4	.2	.3	.6	.8	.8	.8	.8	.7	.8	.8	.8	.8	1.0	1.3	2.0	2.3	2.1	2.1	23	2.3
24	1.9	BF	1.5	1.5	1.4	.9	.7	.7	1.0	1.2	1.4	1.6	1.6	1.5	1.3	1.2	1.3	1.2	1.0	.9	.9	.7	.5	.3	23	1.9
25	.2	BF	.1	.2	.6	.6	.4	.6	1.0	.9	.9	.8	.8	.7	.7	.7	.7	.7	.6	.6	.5	.2	.1	.1	23	1.0
26	.1	BF	.1	.1	.1	.2	.2	.4	.5	.5	.5	.4	.4	.4	.4	.4	.4	.3	.3	.2	.1	.1	.1	.2	23	.5
27	.1	BF	.1	.1	.0	.1	.2	.3	.3	2.7	4.1	3.8	3.3	3.0	3.4	2.9	2.4	2.6	2.8	2.6	2.2	1.9	1.6	1.3	23	4.1
28	1.4	BF	2.1	2.5	2.5	2.2	3.0	2.7	1.9	2.2	2.2	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.3	2.3	2.4	2.1	23	3.0
29																									0	
30																									0	
31																									0	
NO.:	27	1	27	27	27	27	27	28	28	28	28	27	28	28	28	28	28	28	28	28	28	28	28	28		
MAX:	1.9	.7	4.7	2.9	4.2	5.1	7.2	9.3	9.5	6.1	4.1	3.8	3.3	3.0	3.4	2.9	3.0	2.6	2.8	2.6	2.3	2.3	2.4	2.1		
AVG:	.64	.70	.78	.74	.84	.93	.97	1.03	1.09	1.21	1.13	1.11	1.00	.93	.95	.94	.88	.84	.83	.82	.80	.75	.73	.70		

MONTHLY OBSERVATIONS: 638 MONTHLY MEAN: .90 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: 37-183-0014 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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2015

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	1.9	BF	1.5	1.3	1.2	1.0	.7	.5	.3	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	23	1.9
2	.0	BF	.0	.0	.1	.1	.1	.1	.1	.2	.3	.3	.2	.2	.5	.4	.5	.4	.3	.4	.4	.3	.2	.2	23	.5
3	.2	BF	.5	.7	.5	.6	.6	.7	.7	.7	.8	.9	1.0	1.0	.7	.4	.2	.1	.1	.1	.1	.1	.0	.0	23	1.0
4	.0	BF	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.6	.4	.2	.2	.1	.1	.2	.2	.1	.1	.1	23	.6
5	.3	BF	.4	.3	.3	.2	.2	.2	.2	.1	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.1	.2	.3	23	.4
6	.4	BF	.7	1.0	1.3	1.4	1.4	1.1	1.0	1.1	1.0	1.1	1.0	.9	.9	.9	1.0	.9	.9	.8	.8	.8	.7	.6	23	1.4
7	.5	BF	.3	.3	.4	.5	.5	.9	1.1	1.1	1.2	1.0	.6	.5	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	23	1.2
8	.5	BF	.7	.7	.6	.4	.4	.6	.8	.9	.8	1.0	.5	.3	.2	.2	.2	.2	.4	.4	.4	.3	.3	.3	23	1.0
9	.3	BF	.4	.4	.5	.6	1.0	1.1	1.0	1.1	1.0	.7	.5	.4	.4	.3	.3	.4	.5	.5	.4	.4	.3	.4	23	1.1
10	.3	BF	.3	.3	.3	.5	.5	AZ	AZ	AZ	AZ	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.0	19	.5
11	.1	BF	.1	.1	.1	.0	.0	.1	.3	.4	.4	.3	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	23	.4
12	.3	BF	.1	.0	.2	.7	.1	.2	.2	.2	.3	.3	.4	.4	.5	.5	.6	.6	.6	.6	.6	.6	.6	.4	23	.7
13	.4	BF	.6	.6	.6	.5	.5	.4	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.1	.2	.1	.2	.1	.2	23	.6
14	.2	BF	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
15	.0	BF	.0	.0	.1	.3	.3	.2	.2	.1	.1	.1	.1	.2	.1	.1	.2	.3	.3	.3	.4	.4	.4	.4	23	.4
16	.4	BF	.3	.3	.3	.3	.6	.7	.8	.8	.8	.8	.6	.4	.3	.3	.2	.4	.5	.4	.3	.3	.3	.3	23	.8
17	.3	BF	.4	.6	.5	.6	.8	.7	1.1	.9	.7	.7	.7	.6	.5	.3	.2	.0	.0	.1	.2	.2	.5	1.1	23	1.1
18	.3	BF	.3	.3	.4	.6	.6	.6	.6	.6	.5	.5	.4	.4	.5	.6	.9	1.1	.9	.9	.7	.5	.4	.4	23	1.1
19	.4	BF	.4	.4	.4	.4	.5	.5	.6	.7	.7	.7	.7	.5	.3	.3	.2	.1	.1	.1	.1	.1	.1	.1	23	.7
20	.1	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.1	.0	.1	23	.1
21	.4	BF	.1	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.2	.2	.2	.2	23	.4
22	.1	BF	.1	.0	.0	.0	.0	.1	.4	.7	1.3	.6	.7	.6	.6	.7	.7	.7	.5	.5	.4	.3	.4	.4	23	1.3
23	.3	BF	.4	.3	.3	.3	.3	.4	.5	.6	.6	.8	1.1	1.0	1.0	.9	.9	.8	.7	.6	.6	.5	.4	.4	23	1.1
24	.3	BF	.3	.2	.2	.2	.3	.4	.3	.3	.4	.3	.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	23	.4
25	.1	BF	.1	.1	.1	.2	.2	.2	.3	BA	BA	.3	.3	.3	.3	.3	.2	.2	.2	.2	.3	.4	.2	.1	21	.4
26	.1	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	23	.2
27	.2	BF	.2	.3	.2	.1	.2	.4	.3	.0	.1	.0	.0	.0	.0	.1	.1	.0	.0	.1	.2	.1	.1	.0	23	.4
28	.3	BF	.1	.2	.1	.1	.3	.6	.5	.3	.3	.4	.3	.2	.2	.1	.1	.2	.6	1.1	1.2	2.1	5.2	4.0	23	5.2
29	1.3	BF	.6	.5	.6	.6	.8	2.4	1.4	.9	.8	.8	1.1	1.3	.8	.8	1.1	.5	.5	.5	.5	.5	.7	.5	23	2.4
30	.4	BF	.4	.6	.6	.5	.6	.7	.5	.3	.2	.2	.2	.2	.2	.3	.2	.2	.2	.3	.2	.3	.4	.4	23	.7
31	.4	BF	.2	.2	.3	.5	.8	.9	.5	.4	.3	.3	.5	.4	.4	.4	.4	.3	.5	.3	.3	.2	.2	.3	23	.9
NO.:	31		31	31	31	31	31	30	30	29	29	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	1.9		1.5	1.3	1.3	1.4	1.4	2.4	1.4	1.1	1.3	1.1	1.1	1.3	1.0	.9	1.1	1.1	.9	1.1	1.2	2.1	5.2	4.0		
AVG:	.35		.31	.31	.33	.36	.40	.50	.47	.45	.46	.42	.39	.38	.35	.32	.32	.29	.30	.33	.32	.33	.42	.40		

MONTHLY OBSERVATIONS: 707 MONTHLY MEAN: .37 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: 37-183-0014 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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2015

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	.4	.4	.4	.7	.9	.9	.8	.7	.7	.6	.5	.5	.4	.4	.4	.4	.5	.5	.5	.5	.4	.4	23	.9
2	.3	BF	.2	.1	.1	.2	.2	.4	.3	.3	.2	.2	.3	.3	.2	.3	.3	.2	.2	.1	.1	.2	.2	.2	23	.4
3	.1	BF	.1	.1	.1	.1	.2	.3	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.2	.3	.4	23	.4
4	.4	BF	.3	.2	.2	.2	.1	.1	.1	.0	.1	.1	.2	.2	.2	.2	.2	.3	.2	.1	.1	.2	.5	1.9	23	1.9
5	2.7	BF	1.4	1.0	.5	.5	.4	.5	.4	.3	.4	.5	.7	.7	.5	.3	.2	.2	.3	.3	.3	.3	.3	.2	23	2.7
6	.2	BF	.2	.2	.1	.2	.2	.3	.3	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.2	.2	.2	.3	23	.3
7	.4	BF	.3	.2	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.0	23	.4
8	.0	BF	.0	.0	.0	.0	.1	.0	BA	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	22	.2
9	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	23	.1
10	.0	BF	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	23	.1
11	.0	BF	.5	3.0	1.0	.4	.1	.2	.4	.4	.4	.3	.3	.3	.4	.4	.4	.4	.6	1.0	1.4	.9	.7	.8	23	3.0
12	.6	BF	.4	.4	.2	.2	.3	.4	1.0	.9	.8	.7	.6	.5	.5	.5	.4	.4	.5	.5	.5	.3	.2	.2	23	1.0
13	.1	BF	.1	.0	.0	.0	.3	.3	.2	.1	.1	BF	AT	AT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20	.3
14	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0
15	-.1	BF	-.1	-.1	-.1	.0	.0	.1	.2	.3	.3	.3	.3	.4	.3	.1	.0	.0	.0	.0	.0	.0	-.1	.0	23	.4
16	.0	BF	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	23	.2
17	.0	BF	.0	.0	.0	.2	.1	.0	.0	.1	.0	.0	.0	.0	.0	BF	AT	AT	.2	.1	.1	.1	.1	.1	20	.2
18	.0	BF	.0	.0	.0	.0	.1	.1	.5	.4	.5	.5	.7	.2	.3	.9	.1	.1	.1	.1	.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	.0	.0	.0	.0	.0	.0	23	0.0
20	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.0	.1	.1	.1	.0	23	.1
21	.0	BF	.0	.0	.0	.0	.0	.1	.1	.1	.0	.1	.2	.2	.1	.1	.1	.2	.1	.1	.2	.2	.1	.1	23	.2
22	.1	BF	.0	.0	.1	.2	.5	.6	.6	.3	.2	.1	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	11	.6
23	BA	BA	BA	BA	BA	BA	BA	BA	AT	AT	AT	.3	.2	.2	.2	.1	.1	.2	.3	.3	.4	.2	.3	1.5	13	1.5
24	2.1	BF	1.7	.8	.7	.7	.7	1.1	.7	.2	.2	.3	.4	.7	.6	.5	.4	.4	.4	.6	.7	.6	.6	.5	23	2.1
25	.4	BF	.4	1.0	.7	.6	.5	.5	.6	.5	.5	.4	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
26	.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
27	.0	BF	.0	.0	.2	1.2	1.1	.3	1.0	1.0	.9	.7	.7	.6	.4	.4	.5	AE	AE	.2	.3	.5	.6	.6	21	1.2
28	1.1	BF	.7	.4	.4	.4	.5	.4	.4	.4	.5	.3	.3	.2	.2	AE	AE	AE	AE	AE	AE	AE	AE	1.0	15	1.1
29	1.1	BF	.6	.4	.5	1.1	1.2	1.9	.7	.4	.3	.2	.2	.2	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	13	1.9
30	AE	AE	AE	AE	AE	AE	AE	AE	.2	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16	.3
31																									0	
NO.:	28		28	28	28	28	28	28	28	29	29	29	28	28	28	26	26	25	26	27	27	27	27	28		
MAX:	2.7		1.7	3.0	1.0	1.2	1.2	1.9	1.0	1.0	.9	.7	.7	.7	.6	.9	.5	.4	.6	1.0	1.4	.9	.7	1.9		
AVG:	.35		.26	.29	.19	.25	.27	.32	.33	.25	.24	.21	.23	.21	.18	.18	.15	.14	.16	.16	.19	.17	.17	.29		

MONTHLY OBSERVATIONS: 634 MONTHLY MEAN: .23 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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2015

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	.1	.3	.5	.0	.0	23	.5
2	.0	BF	.2	.1	.2	.0	.1	.8	.9	.9	.6	.5	.3	.2	.2	.1	.1	.1	.1	.3	.6	.9	1.4	1.0	23	1.4
3	1.2	BF	.3	.7	.5	.5	.6	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.3	.4	.5	.3	.4	.2	23	1.2
4	.2	BF	.1	.1	.1	.3	.4	.6	.7	.6	.5	.4	.3	.3	.3	.3	.3	.3	.4	.3	.1	.1	.0	.1	23	.7
5	.1	BF	.0	.0	.0	.1	.5	.7	.2	.2	.1	BA	BA	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	10	.7
6	AE	AE	AE	AE	AE	AE	1.0	.8	.7	.5	.2	.2	.1	.2	.2	.2	.2	.1	.2	.2	.3	.3	.3	.1	18	1.0
7	.1	BF	.1	.5	.9	.5	.6	.3	.1	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	23	.9
8	.1	BF	.1	.0	.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
9	.0 6	BF	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	23	0.0
10	.0 6	BF	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	23	0.0
11	.0 6	BF	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	BA	BC	BC	.2 6	.1 6	.1 6	.1 6	.1 6	.1 6	.1 6	.0 6	.0 6	.0 6	.1 6	20	.2
12	.2	BF	.2	.2	.1	.2	.3	.3	.3	.3	.3	.3	.2	.3	.3	.3	.4	.4	.3	.2	.3	.3	.3	.3	23	.4
13	.3	BF	.2	.8	.9	.9	1.5	2.6	1.4	.9	1.2	1.0	.8	.8	1.2	.7	1.1	2.5	.9	.8	1.1	1.6	.4	.4	23	2.6
14	.3	BF	.2	.2	.4	.6	.4	.5	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	7	.6
15	AN	AS	AN	AN	AN	AN	AN	AN	BA	BC	BC	BA	BC	BC	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	10	.2
16	.1	BF	.0	.0	.0	.0	.1	.5	.5	.4	.3	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	23	.5
17	.0 6	BF	.1 6	.1 6	.0 6	.1 6	.2 6	.2 6	.2 6	.2 6	.1 6	.2 6	.1 6	.1 6	.0 6	.0 6	.0 6	.1 6	.1 6	.1 6	.2 6	.2 6	.2 6	.2 6	23	.2
18	.1 6	BF	.2 6	.3 6	.3 6	.3 6	BA	BA	BA	BA	BA	.1 6	.1 6	BF	.1 6	.1 6	.1 6	BF	.2 6	.2 6	.2 6	BF	.0 6	.0 6	15	.3
19	.0	BF	.0	.0	.0	BF	.1	.3	.4	BF	1.3	BA	BA	.4	.1	.1	.0	.0	.0	.0	.0	BF	.0	.0	18	1.3
20	.0	.0	.0	.0	.5	BF	1.0	.6	.5	.5	.8	.5	.6	BF	.8	.9	1.2	1.0	1.2	.8	.8	BF	.4	.2	21	1.2
21	.2	.2	.4	.7	.5	BF	.4	.5	.6	.6	.4	.2	.1	BF	.0	.0	.0	.0	.0	.0	.0	BF	.0	.0	21	.7
22	.0	.0	.0	.2	.3	BF	.2	.0	.0	.0	.1	.1	.1	BF	.1	.2	.4	.6	.3	.2	.2	.3	.3	.3	22	.6
23	.2	BF	.1	.0	.0	.1	.3	.3	.8	.7	.7	.6	.5	BF	.3	.3	.3	.3	.3	.3	.3	.2	.2	.1	22	.8
24	.1	BF	.1	.0	.0	.0	.1	.2	.2	.2	.1	.1	.1	BF	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	22	.2
25	.0 6	BF	.0 6	.0 6	.0 6	.0 6	.0 6	.1 6	.0 6	.0 6	.1 6	.1 6	.1 6	BF	.2 6	.1 6	.1 6	.1 6	.1 6	.2 6	.2 6	.1 6	.0 6	.0 6	22	.2
26	.0 6	BF	.1 6	.1 6	.1 6	.1 6	.2 6	.2 6	BA	BA	.0 6	.0 6	.0 6	BF	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	20	.2
27	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BA	BA	.1	.0	.0	.0	.0	.0	.0	.0	.0	21	.1
28	.0	BF	.0	.0	.0	.0	.0	BA	BA	BA	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	20	.1
29	.0 6	BF	.0 6	.0 6	.0 6	.0 6	BA	BA	BA	BA	BA	AN	BA	BA	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	5	0.0
30	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BA	BA	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
31	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BA	BA	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
NO.:	27	3	27	27	27	23	26	25	23	22	24	23	23	16	25	26	26	25	26	26	26	22	26	26		
MAX:	1.2	.2	.4	.8	.9	.9	1.5	2.6	1.4	.9	1.3	1.0	.8	.8	1.2	.9	1.2	2.5	1.2	.8	1.1	1.6	1.4	1.0		
AVG:	.12	.07	.09	.15	.18	.17	.32	.40	.34	.29	.30	.21	.17	.18	.18	.15	.18	.24	.18	.18	.21	.23	.16	.12		

MONTHLY OBSERVATIONS: 570 MONTHLY MEAN: .20 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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2015

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	AN	AN	AN	AN	AN	AN	AN	BA	BA	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
2	AN	AN	AN	AN	AN	AN	BA	AT	AT	.3	.1	.1	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	15	.3
3	.0	BF	.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
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	.0	BA	BA	BA	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.3	.6	.5	20	.6
6	.6	BF	.8	.9	1.0	1.0	.4	.3	.6	.5	.4	.5	.5	.4	.4	.3	.4	.3	.3	.3	.3	.3	.3	.2	23	1.0
7	.2	BF	.3	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	23	.3
8	.3	BF	.3	.3	.3	.4	.5	.6	BA	AT	AT	AT	.4	.0	.1	.1	.1	.1	.4	.2	.2	.2	.1	.1	19	.6
9	.1	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.0	.0	.0	23	.3
10	.0	BF	.0	.0	.0	.0	.1	.1	.1	.2	.2	.2	.2	.2	.1	.0	.0	.1	.1	.4	.4	.3	.2	.2	23	.4
11	.2	BF	.1	.3	.4	.2	.1	.2	.3	.2	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	23	.4
12	.0	BF	.0	.1	.1	.1	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
13	.1	BF	.0	.0	.0	.1	.1	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.3	23	.3
14	.4	BF	.4	.1	.0	.0	.0	.1	.2	.6	.1	.0	.0	.0	.0	.0	.2	.7	1.1	1.4	1.3	1.1	1.1	.9	23	1.4
15	.7	BF	.3	.2	.2	.3	.4	.6	.7	.4	.2	.1	.3	.7	.6	.1	.1	.1	.1	.2	.3	.4	.3	.2	23	.7
16	.2	BF	.1	.3	.3	.3	.3	.3	.2	.1	.1	.1	.1	.1	.2	.3	.1	.0	.0	.1	.1	.1	.1	.1	23	.3
17	.8	BF	3.0	2.5	2.1	.8	.7	.5	.4	.4	.3	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	23	3.0
18	.0	BF	.0	.0	.0	.0	.0	BA	BA	BA	BA	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	19	.1
19	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	BF	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	22	.1
20	.0	BF	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	BK	BK	BK	BK	BK	18	.1
21	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	0	
22	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BA	BA	BA	.4	.7	1.0	.8	.5	.3	.2	.1	.1	.1	10	1.0
23	BJ	.1	.1	.1	.1	.1	.2	.2	.2	.3	.3	.2	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	23	.3
24	BJ	.0	.0	.1	.0	.1	.1	.4	.4	.3	.1	.0	.1	.4	.8	1.1	1.7	1.2	1.1	1.2	.5	.3	.3	.2	23	1.7
25	.1	BF	.1	.1	.0	.0	.0	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
26	.0	BF	.0	.0	.0	.0	.0	.1	.6	1.7	.7	.5	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	1.7
27	.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
28	.0	BF	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.2	.1	.1	.0	.0	.0	.1	.1	.1	.0	23	.2
29	.0	BF	.0	.1	.3	.2	.6	.5	.1	.1	.1	.1	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.0	23	.6
30	.0	BF	.0	.0	.0	.1	.2	.2	.2	.2	.2	.2	.1	.1	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	23	.2
31																									0	
NO.:	24	2	26	26	26	26	26	25	22	24	23	26	27	27	28	28	28	28	28	27	27	27	27	27		
MAX:	.8	.1	3.0	2.5	2.1	1.0	.7	.6	.7	1.7	.7	.5	.5	.7	.8	1.1	1.7	1.2	1.1	1.4	1.3	1.1	1.1	.9		
AVG:	.15	.05	.22	.20	.19	.15	.16	.20	.23	.25	.15	.12	.13	.13	.15	.15	.18	.16	.18	.19	.16	.14	.14	.12		

MONTHLY OBSERVATIONS: 605 MONTHLY MEAN: .17 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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2015

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	BF	.0	.0	.0	.0	.0	.0	.1	BF	BA	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	.1
2	.0	BF	.0	.0	.0	.1	.1	.2	.3	.2	.1	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	23	.3
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	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.8	.1	.0	23	.8
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	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
7	.0	BF	.0	.0	.0	.0	.2	.2	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
8	.0	BF	.0	.0	.1	.1	.1	.2	.2	.1	.1	.0	.1	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	23	.2
9	.0	BF	.0	.0	.0	.1	.2	.3	.3	.3	.2	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.1	.2	.1	23	.3
10	.1	BF	.1	.1	.1	.1	.2	.4	.3	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	23	.4
11	.0	BF	.0	.0	.0	.0	.0	.1	.7	1.0	1.1	.6	.4	.1	.3	.5	.1	.0	.0	.1	.1	.0	.0	.2	23	1.1
12	.1	BF	.2	.3	.1	.1	.2	.1	.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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
14	.0	BF	.0	.0	.0	.0	.0	.0	.1	BF	.3	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	9	.3
15	AN	AN	AN	AN	AN	AN	AN	BA	BA	BA	.0	.0	.0	.0	.1	.1	.0	.0	.0	.4	.5	.1	.1	.1	14	.5
16	.1	BF	.6	.4	.3	.1	.1	.0	.1	.4	.4	.5	.7	.6	.4	.3	.2	.1	.1	.0	.0	.0	.0	.0	23	.7
17	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	23	.1
18	.0	BF	.0	.0	.0	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
19	.0	BF	.0	.0	.0	.0	.0	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	23	.2
20	.0	BF	.0	.0	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	23	.2
21	.0	BF	.0	.0	.0	.0	.1	.2	.3	.1	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
22	.0	BF	.0	.0	.2	.4	.2	.2	.1	.2	.2	.2	.1	.0	.0	.1	.2	.5	.4	.2	.1	.1	.1	.0	23	.5
23	.1	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
24	.0	BF	.0	.0	.0	.0	.0	.0	.2	.2	.8	.9	.8	.7	.5	.6	.5	.5	.4	.3	.2	.1	.1	.0	23	.9
25	.0	BF	.3	.1	.1	.4	.6	.9	.2	.3	.3	.3	.2	.2	.2	.2	.3	.3	.3	.3	.2	.1	.1	.1	23	.9
26	.1	BF	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	23	.1
27	.0	BF	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
28	.0	BF	.0	.0	.0	.0	.3	.1	.3	.2	.0	.0	BF	BA	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	.3
29	.0	BF	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	23	.1
30	.0	BF	.0	.0	.0	.1	.2	.3	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
31	.1	BF	1.2	.4	.2	.2	.2	.3	.5	.5	1.0	.9	.7	.7	.6	.4	.4	.2	.9	2.2	2.5	1.7	1.3	1.1	23	2.5
NO.:	30		30	30	30	30	30	30	30	28	30	30	29	29	30	30	30	30	30	30	30	30	30	30		
MAX:	.1		1.2	.4	.3	.4	.6	.9	.7	1.0	1.1	.9	.8	.7	.6	.6	.5	.5	.9	2.2	2.5	1.7	1.3	1.1		
AVG:	.02		.08	.04	.04	.06	.10	.15	.17	.16	.18	.14	.12	.09	.08	.09	.08	.07	.08	.14	.14	.11	.07	.06		

MONTHLY OBSERVATIONS: 686 MONTHLY MEAN: .10 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

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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2015

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	.3	.3	.5	.5	.5	1.2	1.0	.6	.6	.4	.4	.4	.3	.3	.2	.1	.2	.2	.2	.3	.2	.2	23	1.2
2	.2	BF	.2	.1	.2	.5	.6	.4	.4	.4	.5	.5	.3	.3	.3	.3	.3	.2	.2	.3	.3	.2	.1	.1	23	.6
3	.1	BF	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	23	.1
4	.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
5	.0	BF	.0	.0	.0	.0	.0	.1	.2	.1	.0	.1	.1	.0	.0	.0	.1	.2	.1	.1	.2	.1	.1	.1	23	.2
6	.0	BF	.0	.0	.1	.0	.1	.3	.6	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.6
7	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	23	.1
8	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	23	.1
9	.0	BF	.1	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	23	.2
10	.0	BF	.0	.0	.0	.1	.3	.2	.1	.1	AX	BA	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	21	.3
11	.0	BF	.1	.1	.1	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
12	.0	BF	.0	.0	.0	.0	.0	.1	.3	.5	.4	.3	.2	.1	.1	.1	.2	.3	.4	.3	.4	.4	.2	.1	23	.5
13	.1	BF	.4	.2	.3	.3	.7	.4	.3	.2	.3	.5	.3	.3	.3	.3	.3	.2	.1	.1	.0	.0	.0	.0	23	.7
14	.0	BF	.0	.0	.0	.0	.1	.2	.2	.1	.2	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.0	.0	.0	23	.2
15	.0	BF	.0	.0	.0	.1	.1	.2	.3	.2	.2	.2	.2	.2	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	23	.3
16	.0	BF	.0	.0	.0	.0	.0	.1	.2	.2	.2	.4	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	23	.4
17	.0	BF	.0	.0	.0	.1	.3	.3	.3	.3	.4	.4	.5	.3	.2	.2	.2	.1	.1	.1	.1	.1	.0	.0	23	.5
18	.0	BF	.1	.1	.1	.1	.1	.2	.2	.2	.2	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	23	.1
21	.0	BF	.1	.1	.3	.3	.1	.1	.1	.2	.3	.3	.2	.2	BA	.3	.2	.2	.2	.2	.1	.1	.2	.3	22	.3
22	.3	BF	.2	.3	.2	.1	.2	.4	.4	.4	.5	.6	.6	.6	.4	.3	.2	.2	.3	.4	.4	.5	1.0	.8	23	1.0
23	.5	BF	.2	.1	.1	.2	.2	.5	.2	.3	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.5
24	.1	BF	.1	.0	.0	.1	.2	.4	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
25	.0	BF	.0	.0	.0	.0	.2	.2	.2	.2	.2	.2	.2	.3	.2	.2	.2	.2	.1	.1	.1	.1	.1	1.3	23	1.3
26	1.9	BF	.3	.2	.3	.3	.2	.5	.4	.3	.4	.5	.5	.6	.4	.4	.5	.4	.4	.6	.6	.5	.4	.3	23	1.9
27	.7	BF	.4	.3	.3	.3	.3	.5	.4	.3	.3	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	23	.7
28	.1	BF	.3	.3	.3	.2	.3	.5	.4	.4	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.5
29	.0	BF	.0	.1	.3	.1	.1	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.2	.1	23	.3
30	.1	BF	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	23	.2
31	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.5	.1	.1	.0	.0	.0	.0	.0	23	.5
NO.:	31		31	31	31	31	31	31	31	31	30	30	31	31	30	31	31	31	31	31	31	31	31	31		
MAX:	1.9		.4	.3	.5	.5	.7	1.2	1.0	.6	.6	.6	.6	.6	.4	.4	.5	.4	.4	.6	.6	.5	1.0	1.3		
AVG:	.16		.09	.07	.10	.11	.16	.25	.22	.18	.19	.18	.15	.15	.11	.12	.13	.10	.11	.11	.10	.10	.10	.12		

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: .14 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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2015

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	BF	.0	.0	.0	.0	.0	.1	.4	.6	.3	.1	.1	.1	.0	.1	.2	.2	.1	.2	.2	.1	.1	.1	23	.6
2	.0	BF	.1	.1	.2	.5	.8	.9	.9	.8	1.6	1.4	.7	.5	.9	.4	.2	.2	.2	.3	.2	.1	.0	.0	23	1.6
3	.0	BF	.0	.0	.0	.0	.0	.2	.7	1.2	2.2	1.5	.8	.5	.4	.4	.3	.3	.3	.2	.1	.2	.1	.1	23	2.2
4	.2	BF	.1	.3	.3	.9	.7	.6	.4	.6	.8	1.3	1.6	.7	.2	.2	.4	.1	.1	.1	.1	.0	.0	.0	23	1.6
5	.0	BF	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
6	.0	BF	.0	.1	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.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	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
9	.0	BF	.1	.1	.1	.2	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	23	.4
10	.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
11	.0	BF	.0	.1	.3	.2	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1	.1	.1	.1	.0	23	.4
12	.0	BF	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
13	.1	BF	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.1	.1	.0	.1	.1	.0	.0	.1	.0	.1	.1	.1	23	.3
14	.2	BF	.2	.3	.1	.1	.5	.5	.2	.2	.2	.1	.1	.2	.3	.4	.4	.4	.3	.6	.3	.2	.2	.1	23	.6
15	.2	BF	.5	.5	.5	.6	1.4	1.5	.9	.4	.3	.4	.4	.3	.3	.4	.4	.4	.4	.3	.2	.2	.1	.1	23	1.5
16	.1	BF	.1	.1	.2	.5	.9	1.3	.7	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.6	1.0	23	1.3
17	.6	BF	.4	.4	.2	.2	.7	1.4	1.6	1.7	.8	.4	.3	.1	.1	.1	.1	.1	.1	.2	.2	.1	.0	.0	23	1.7
18	.0	BF	.0	.0	.1	.2	.3	.2	.2	.1	.1	.1	.0	.0	.0	.0	.1 6	.0 6	.0 6	.1 6	1.0 6	.6 6	.3 6	.4 6	23	1.0
19	.7 6	BF	.4 6	.4 6	.3 6	.1 6	.0 6	.3 6	.3 6	.1 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.2 6	.1 6	.1 6	.1 6	23	.7
20	.0 6	BF	.1 6	.2 6	.3 6	.3 6	.4 6	.5 6	1.3 6	1.0 6	.6 6	.3 6	.3 6	.3 6	.3 6	.2 6	.1 6	.1 6	.1 6	.0 6	.0 6	.0 6	.0 6	.0 6	23	1.3
21	.0 6	BF	.0 6	.0 6	.0 6	.0 6	.0 6	.1 6	.1 6	.1 6	.0 6	.0 6	.0 6	.0 6	.1 6	.1 6	.1 6	.0 6	.1 6	.1 6	.1 6	.2 6	.1 6	.0 6	23	.2
22	.0 6	BF	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.1 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.1 6	.0 6	.0 6	.0 6	.1 6	.3 6	.2 6	23	.3
23	.1 6	BF	.3 6	.4 6	.2 6	.2 6	.3 6	.4 6	.2 6	.1 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.2 6	.0 6	.0 6	.0 6	.0 6	23	.4
24	.0 6	BF	.0 6	.0 6	.0 6	.1 6	.0 6	.0 6	.1 6	.0 6	.0 6	.0 6	.1 6	.1 6	.1 6	.1 6	.1 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	23	.1
25	.0 6	BF	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	23	0.0
26	.0 6	BF	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	23	0.0
27	.0 6	BF	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	23	0.0
28	.0 6	BF	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	23	0.0
29	.0 6	BF	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	23	0.0
30	.0 6	BF	.0 6	.0 6	.0 6	.0 6	.2 6	.3 6	.2 6	.1 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	23	.3
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:	.7		.5	.5	.5	.9	1.4	1.5	1.6	1.7	2.2	1.5	1.6	.7	.9	.4	.4	.4	.4	.6	1.0	.6	.6	1.0		
AVG:	.07		.08	.10	.10	.14	.23	.31	.29	.25	.25	.20	.16	.10	.09	.09	.10	.07	.06	.09	.09	.07	.07	.07		

MONTHLY OBSERVATIONS: 690 MONTHLY MEAN: .13 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: 37-183-0014 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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2015

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 6	BF	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	23	0.0
2	.0	BF	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	.0 6	BA	BA	BA	.0	.0	.0	.0	.0	.0	.0	.0	20	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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0	23	.1
6	.1	BF	.2	.1	.1	.1	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	23	.2
7	.0	BF	.0	.0	.0	.3	.4	1.3	1.2	.5	.4	.2	.2	.3	.3	.3	.3	.3	.4	.8	1.0	1.1	.6	.6	23	1.3
8	.7	BF	.5	.5	.6	1.0	1.3	.7	.4	.3	.3	.3	.3	.2	.2	.2	.2	.3	.3	.3	.2	.2	.1	.1	23	1.3
9	.0	BF	.0	.0	.1	.2	.6	.6	.5	.3	.2	.2	.2	.2	.2	.1	.1	.1	.1	.2	.1	.1	.0	.0	23	.6
10	.0	BF	.0	.0	.3	.2	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	23	.3
11	.1	BF	.2	.3	.2	.1	.1	.2	.2	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	23	.3
12	.0	BF	.0	.0	.0	.4	.7	.4	.4	.5	.3	.2	.3	.2	.1	.1	.2	.3	.4	.3	.2	.2	.1	.0	23	.7
13	.0	BF	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.2	.2	.2	.1	.1	.1	.0	23	.2
14	.0	BF	.0	.0	.0	.2	.4	.3	.1	.2	.1	.1	.1	.2	.2	.3	.2	.2	.1	.3	.3	.2	.2	.1	23	.4
15	.1	BF	.0	.0	.0	.4	.4	1.1	2.7	1.6	.2	.2	.2	.2	.2	.3	.3	.4	.6	.5	.8	.6	.4	.3	23	2.7
16	.2	BF	.1	.1	.2	.2	.7	1.3	.9	.6	.8	1.1	1.5	1.1	1.6	2.7	1.6	.9	.4	.9	.9	1.2	1.0	.3	23	2.7
17	.0	BF	.0	.0	.0	.0	.0	.4	.6	.4	.7	.9	.7	.5	.4	.4	.4	.3	.3	.2	.1	.1	.1	.2	23	.9
18	.4	BF	.1	.0	.0	.0	.0	.1	.2	.3	.2	.2	.2	.2	.2	1.0	.6	.3	.2	.1	.2	.3	.3	.2	23	1.0
19	.2	BF	.1	.1	.1	.2	.7	.7	.7	.5	.4	.4	.5	.5	.4	.5	.5	.4	.3	.5	.4	.9	.8	1.0	23	1.0
20	.9	BF	1.2	1.2	1.4	1.3	2.2	2.8	1.8	.7	.4	.4	.4	.4	.4	.4	.4	.6	.7	1.1	.9	.5	.9	1.0	23	2.8
21	.8	BF	.8	1.0	1.3	1.7	2.1	3.2	2.3	1.9	1.4	.9	.7	.5	.4	.3	.5	.7	1.2	.6	1.5	1.5	1.1	1.3	23	3.2
22	1.3	BF	.9	1.0	1.2	1.5	2.0	2.9	2.5	1.1	.3	.3	.3	.2	.2	.2	.3	.8	1.1	2.1	2.5	2.3	2.6	2.1	23	2.9
23	1.9	BF	1.4	1.3	1.5	1.4	2.2	3.0	1.9	.7	.5	.5	.5	.7	.7	.7	.7	.5	.4	.3	.3	.3	.2	.2	23	3.0
24	.1	BF	.1	.0	.0	.0	.0	.0	.2	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	23	.2
25	.1	BF	.1	.2	.1	.1	.1	.2	.2	.3	.5	.3	.2	.2	.2	.2	.2	.1	.2	.2	.3	.2	.2	.2	23	.5
26	.2	BF	.3	.3	.4	.4	.4	.4	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	23	.4
27	.1	BF	.1	.0	.0	.0	.0	.1	BA	BC	BC	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20	.1
28	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	23	0.0
29	-.1	BF	.0	-.1	-.1	.0	.1	.2	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	23	.2
30	.0	BF	.0	.0	.0	.0	.2	1.0	1.1	1.0	.5	.5	.5	.3	.3	.3	.5	.5	.6	.5	.3	.2	.2	.1	23	1.1
31	.1	BF	.1	.1	.0	.0	.1	.3	.6	.6	.5	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.2	.1	.1	23	.6
NO.:	31		31	31	31	31	31	31	30	30	30	31	31	30	30	30	31	31	31	31	31	31	31	31		
MAX:	1.9		1.4	1.3	1.5	1.7	2.2	3.2	2.7	1.9	1.4	1.1	1.5	1.1	1.6	2.7	1.6	.9	1.2	2.1	2.5	2.3	2.6	2.1		
AVG:	.23		.20	.20	.24	.31	.48	.69	.64	.41	.28	.25	.25	.23	.23	.30	.26	.25	.27	.31	.34	.34	.30	.26		

MONTHLY OBSERVATIONS: 707 MONTHLY MEAN: .32 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: 37-183-0014 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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2015

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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.0	.1	.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	.1	BA	.1	.0	.0	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	.1
5	.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
6	.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
7	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0	23	.1
8	.1	BF	.4	.4	.2	.2	.1	.1	.3	.3	.6	.7	.6	.3	.2	.2	.3	.2	.2	.2	.1	.1	.1	.1	23	.7
9	.1	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
10	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.9	.8	.0	.0	.0	.0	23	1.9
11	.0	BF	.0	.0	.0	.0	.0	.1	.1	.2	.1	.2	.2	.1	.1	.0	.1	.5	.7	.8	.7	1.0	1.2	.7	23	1.2
12	.8	BF	1.0	.7	.4	.2	.7	1.0	.4	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
13	.0	BF	.0	.1	.2	.2	.2	.3	.2	.1	.2	.2	.1	.1	.1	.1	.1	.2	.3	.4	.2	.4	.2	.1	23	.4
14	.1	BF	.2	.2	.2	.2	.2	.4	.5	.8	.5	.4	.4	.3	.4	.4	.3	.3	.5	1.6	2.2	2.0	1.0	1.4	23	2.2
15	1.5	BF	1.1	1.3	1.1	.4	.2	.9	.7	.7	.5	.4	.4	.4	.4	.5	.7	.9	2.2	1.8	1.6	1.6	2.2	1.6	23	2.2
16	2.1	BF	1.7	1.9	1.7	1.8	2.2	2.2	2.8	1.6	1.1	.8	.9	.7	.6	.6	.5	2.0	2.4	1.7	1.8	1.8	1.9	1.5	23	2.8
17	1.5	BF	1.2	1.2	1.3	1.1	1.3	1.7	1.3	.9	.5	.5	.4	.3	.3	.4	.4	.5	.5	.4	.3	.2	.2	.1	23	1.7
18	.1	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
19	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	23	.2
20	.0	BF	.1	.3	.4	.2	.7	.8	.4	1.1	.3	.2	.2	.2	.2	.1	.1	.3	.3	.3	.3	.4	.3	.3	23	1.1
21	.2	BF	.1	.2	.2	.2	.3	.5	.8	1.0	1.2	1.0	.8	.7	.6	.5	.5	.6	.8	.5	.5	.4	.4	.3	23	1.2
22	.3	BF	.1	.1	.1	.1	.1	.3	.2	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.5	.5	.6	23	.6
23	.5	BF	.5	.9	1.1	1.3	.8	.5	.5	.5	.7	1.1	.8	.6	.6	.6	.5	1.0	1.7	2.5	3.3	2.4	2.6	3.4	23	3.4
24	3.3	BF	2.3	2.0	1.4	.2	.7	.7	1.4	.9	.7	BA	BA	.3	.4	.4	.4	1.8	3.8	4.5	3.7	2.9	2.3	2.0	21	4.5
25	2.3	BF	1.7	2.2	2.4	1.9	2.6	2.6	1.9	1.6	.5	.3	.3	.3	.3	.2	.2	.3	.3	.3	.2	.2	.1	.1	23	2.6
26	.1	BF	.2	.3	.2	.4	.5	.4	.3	.3	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	.1	.1	.5	.1	23	.5
27	.0	BF	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.1	.0	.0	.0	.0	.1	.2	.4	.6	.6	.5	1.2	23	1.2
28	2.0	BF	1.3	.8	.5	.8	1.1	1.3	1.1	.6	.3	.1	.1	.1	.1	.1	.3	.9	.9	1.8	1.6	1.9	2.0	1.1	23	2.0
29	1.1	BF	.9	1.1	1.1	1.0	.8	1.3	.7	.6	.4	.3	.3	.2	.2	.2	.2	.3	.2	.1	.0	.1	.0	.0	23	1.3
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	30	30	29	30	29	29	29	30	30	30	30	30	30	30	30	30	30		
MAX:	3.3		2.3	2.2	2.4	1.9	2.6	2.6	2.8	1.6	1.2	1.1	.9	.7	.6	.6	.7	2.0	3.8	4.5	3.7	2.9	2.6	3.4		
AVG:	.54		.43	.46	.42	.34	.42	.50	.46	.41	.28	.23	.21	.17	.16	.15	.16	.38	.58	.62	.59	.55	.54	.49		

MONTHLY OBSERVATIONS: 686 MONTHLY MEAN: .40 MONTHLY MAX: 4.5

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: 37-183-0014 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 Environmental Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2015

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	.1	.1	.2	.2	.4	.3	.4	.7	.7	.9	.8	.6	.3	.1	.0	.0	23	.9
2	.0	BF	.0	.0	.0	.0	.4	.3	.2	.1	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
3	.0	BF	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.3	.5	.7	.8	.8	.4	.5	.6	.6	.5	.3	.3	23	.8
4	.4	BF	.2	.2	.2	.2	.1	.3	.4	.7	.4	.5	.4	.4	.4	.3	.3	.5	.6	1.2	1.0	.8	.5	.3	23	1.2
5	.3	BF	.2	.3	.6	.4	.3	.3	.5	.7	.8	1.5	1.9	1.7	1.3	.9	.7	.6	.8	1.1	1.1	.7	.6	.4	23	1.9
6	.3	BF	.1	.0	.0	.0	.0	.1	.2	.6	.3	.2	.2	.2	.2	.2	.1	.3	.8	.6	1.6	.8	1.1	1.1	23	1.6
7	1.1	BF	.9	.6	.2	.3	.5	1.2	.8	.8	.6	.7	.9	.8	.6	.7	1.1	.8	.5	.9	.6	.5	.0	.0	23	1.2
8	.0	BF	.0	.0	.0	.0	.1	.4	.8	.8	.5	.3	.3	.3	.1	.1	.1	.2	.3	.3	.3	.0	.0	.0	23	.8
9	.0	BF	.0	.0	.0	.0	.1	.2	.6	.4	.4	.5	.7	.4	.2	.2	.2	.4	.4	.4	.5	.5	.4	.1	23	.7
10	.0	BF	.2	.3	1.1	.4	1.3	1.3	1.1	.8	.9	.6	.2	.2	.2	.2	.3	.5	.4	.6	.4	.3	.2	.2	23	1.3
11	.2	BF	.1	.0	.0	.0	.1	.3	.5	.4	.4	.3	.2	.3	.2	.2	.3	.5	.6	.6	.5	.4	.8	.3	23	.8
12	.2	BF	.1	.0	.0	.0	.2	.4	.4	.2	.1	.0	.0	.1	.0	.1	.2	.8	1.2	1.3	.9	1.3	2.0	2.0	23	2.0
13	2.4	BF	2.6	1.2	1.5	1.4	1.5	1.6	1.1	.4	.4	.4	.4	.3	.3	.1	.2	.5	.4	.2	.4	.3	.2	.0	23	2.6
14	.0	BF	.0	.0	.0	.0	.0	.1	.1	.1	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
15	.0	BF	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.1	.1	.1	.1	.1	1.1	2.7	3.4	4.8	2.9	2.9	2.2	23	4.8
16	2.3	BF	1.4	.1	.0	.0	.1	.2	.4	.3	.2	.3	.3	.3	.3	.3	.4	.4	.3	.2	.1	.2	.2	.1	23	2.3
17	.1	BF	.0	.2	.4	.1	.2	.5	.3	.2	.1	.2	.1	.2	.1	.2	.7	1.1	.9	.5	.3	.1	.1	.0	23	1.1
18	.0	BF	.0	.0	.0	.0	.0	.0	.0	.4	.6	.5	.6	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	23	.6
19	.0	BF	.0	.1	.0	.1	.2	.3	.4	.4	.3	.3	.3	.2	.3	.2	.2	.3	.8	.7	.5	.6	.6	.8	23	.8
20	.5	BF	.3	.3	.2	.6	.6	.5	1.3	1.3	.8	.6	.5	.4	.3	.3	.4	.6	.8	.6	.9	.7	1.1	1.2	23	1.3
21	1.1	BF	1.5	1.4	1.5	1.0	1.0	1.4	3.3	3.7	2.6	1.5	.9	.8	.8	.8	.9	1.1	1.2	.9	1.1	.8	.7	.5	23	3.7
22	.9	BF	1.1	.7	.3	.0	.0	.3	.3	.1	.0	.0	.0	BA	BA	.0	.0	.0	.1	.3	.1	.0	.0	.0	21	1.1
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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
25	.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
26	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.1	.0	.0	23	.2
27	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	23	.1
28	.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
29	.0	BF	.0	.0	.0	.0	.0	.0	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	23	.4
30	.0	BF	.0	.0	.0	.0	.0	.1	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
31	.0	BF	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
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:	2.4		2.6	1.4	1.5	1.4	1.5	1.6	3.3	3.7	2.6	1.5	1.9	1.7	1.3	.9	1.1	1.1	2.7	3.4	4.8	2.9	2.9	2.2		
AVG:	.32		.28	.17	.19	.15	.22	.32	.44	.43	.34	.31	.28	.25	.22	.22	.25	.36	.46	.49	.52	.37	.38	.31		

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .32 MONTHLY MAX: 4.8

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.

QUALIFIER CODES:

Qualifier Code	Qualifier Description	Qualifier Type
2	Operational Deviation	QA
3	Field Issue	QA
6	QAPP Issue	QA
AE	Shelter Temperature Outside Limits	NULL
AK	Filter Leak	NULL
AM	Miscellaneous Void	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
BE	Building/Site Repair	NULL
BF	Precision/Zero/Span	NULL
BJ	Operator Error	NULL
BK	Site computer/data logger down	NULL
BL	QA Audit	NULL
BR	Sample Value Below Acceptable Range	NULL
DA	Aberrant Data (Corrupt Files, Aberrant Chromatography, Spikes, Sh	NULL
DL	Detection Limit Analyses	NULL
SA	Storm Approaching	NULL

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