UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

User ID: XJLSTEGER

RAW DATA REPORT

Report Request ID: 1657125

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
2017 01 01	2017 12 31

APPLICABLE STANDARDS

Standard Description
SO2 1-hour 2010

(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 2017

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	.4	.4	.7	BF	3.2	1.0	.9	.6	.7	.7	.5	.5	.4	.3	.2	.2	.1	.0	.0	.0	.0	.1	23	3.2
2	.0	.0	.0	.0	.0	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0
3	-.1	-.1	-.1	-.1	-.1	BF	-.1	-.2	-.2	-.1	-.1	-.1	-.1	.3	.3	.1	.0	.0	.0	.0	.0	-.1	.0	-.1	23	.3
4	-.1	-.1	-.1	-.1	-.1	BF	-.1	-.1	.0	-.1	-.1	-.1	.0	-.1	-.1	-.1	.0	-.1	-.1	.0	-.1	.0	.0	-.1	23	0.0
5	-.1	-.1	-.1	-.1	-.1	BF	-.1	-.1	-.1	.0	-.1	.0	-.1	.0	.0	.0	.0	.0	-.1	.0	-.1	-.1	-.1	-.1	23	0.0
6	-.1	-.1	-.1	-.1	.0	BF	-.1	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	23	.1
7	-.1	-.1	-.1	-.1	-.1	BF	-.2	-.2	-.2	-.2	-.2	-.3	-.2	AV	.0	.1	.1	.1	.2	.2	.2	.2	.3	.3	22	.3
8	.4	.7	.8	.9	.9	BF	.2	.2	.3	.3	.4	.4	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	23	.9
9	.0	.0	.0	.0	.0	BF	.0	.1	.5	.4	.4	.3	.4	.1	.0	.1	.0	.0	.0	.0	.0	-.1	-.1	-.1	23	.5
10	-.1	-.1	-.1	-.1	-.1	BF	-.1	-.1	.0	.4	.0	.1	.0	.0	.0	-.1	-.1	.0	-.1	.0	.0	.0	.0	-.1	23	.4
11	.0	-.1	-.1	-.1	-.1	BF	-.1	-.1	-.2	-.1	-.1	.0	1.2	.4	.1	.0	.0	-.1	-.1	-.1	-.1	-.2	-.1	-.1	23	1.2
12	-.2	-.1	.0	-.1	-.1	BF	-.1	-.2	-.1	-.1	2.5	.8	.6	.0	.0	.0	.7	3.0	.3	.0	.8	.9	.9	.5	23	3.0
13	.5	.4	.4	.3	.1	BF	.0	.0	.0	.3	.4	.2	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.5
14	-.1	-.1	-.1	-.1	-.1	BF	1.2	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	-.1	.0	-.1	-.1	-.1	23	1.2
15	-.1	-.1	-.1	-.1	-.1	BF	.9	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	23	.9
16	.0	.0	.0	.0	.0	BF	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	.0	-.1	23	.8
17	-.1	-.1	-.1	-.1	-.1	BF	.9	.0	.0	.0	.0	.0	.0	1.8	.7	.0	.0	.0	1.8	2.3	.3	1.6	10.4	3.1	23	10.4
18	1.0	.6	.9	.4	.3	BF	1.2	.4	.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	23	1.2
19	-.1	-.1	-.2	-.1	-.1	BF	.8	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	23	.8
20	-.1	-.1	-.1	-.2	-.1	BF	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	23	.9
21	-.1	-.1	-.2	-.2	-.2	BF	.7	.0	-.1	-.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	.7
22	.0	.0	.0	-.1	.0	BF	.9	.1	.0	.0	.1	.0	.0	-.1	.0	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	23	.9
23	-.2	-.2	-.2	-.2	-.2	BF	.8	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	-.1	-.1	-.2	-.2	23	.8
24	-.2	-.2	-.2	-.2	-.2	BF	.7	.0	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.1	-.1	.0	.0	-.1	.0	-.1	23	.7
25	-.1	-.2	-.2	-.2	-.1	BF	.7	.1	.0	-.1	.0	.0	.0	.4	1.2	.7	1.0	.7	.2	.1	.1	.4	3.0	7.7	23	7.7
26	9.7	3.4	6.3	4.1	3.6	BF	2.0	4.1	2.5	2.9	.6	.4	.2	.0	.0	.0	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	23	9.7
27	-.1	-.1	-.1	-.1	-.1	BF	.9	.3	.0	-.1	-.3	BA	.9	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	22	.9
28	-.1	-.1	-.1	-.1	-.1	BF	.9	.2	.0	.0	.0	-.1	-.1	.0	-.1	.0	-.1	.0	-.1	.0	1.8	4.6	.1	.1	23	4.6
29	.1	2.2	6.4	.4	.1	BF	1.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	23	6.4
30	.0	-.1	.0	-.1	-.1	BF	.7	.0	-.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	1.1	9.8	23	9.8
31	10.4	3.0	.5	.5	1.2	BF	1.8	.8	.7	4.4	BA	.2	.2	.2	.2	.2	.5	.4	.7	1.4	1.0	2.7	.9	.5	22	10.4
NO.:	31	31	31	31	31		31	31	31	31	30	30	31	30	31	31	31	31	31	31	31	31	31	31		
MAX:	10.4	3.4	6.4	4.1	3.6		3.2	4.1	2.5	4.4	2.5	.8	1.2	1.8	1.2	.7	1.0	3.0	1.8	2.3	1.8	4.6	10.4	9.8		
AVG:	.66	.27	.43	.14	.15		.66	.20	.13	.27	.14	.08	.12	.12	.09	.04	.07	.13	.06	.09	.09	.27	.49	.65		

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: .23 MONTHLY MAX: 10.4

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: FEBRUARY 2017

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	.5	.5	.3	.1	BF	1.2	.4	.5	.7	.7	.4	.4	.4	.5	.4	.1	.2	.3	.1	3.3	1.2	.5	.2	23	3.3
2	.0	-.1	-.1	-.2	-.2	BF	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.8
3	.0	.0	.0	.0	-.1	BF	.7	.0	-.1	-.1	-.1	-.1	.0	.0	.0	-.1	.0	.0	-.1	.0	.0	.0	.0	-.2	23	.7
4	-.1	-.1	.0	.0	.1	BF	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	23	1.0
5	-.1	-.1	-.2	-.2	-.2	BF	.9	.1	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	-.1	23	.9
6	-.1	-.1	-.1	-.1	-.2	BF	.7	.0	.0	.0	.0	.1	.2	.4	.0	.0	-.1	.0	-.1	-.1	-.1	.0	.0	.0	23	.7
7	.7	.2	.8	.9	1.2	BF	1.1	.3	.1	1.8	2.5	.7	.5	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	-.1	23	2.5
8	-.2	-.2	-.2	-.2	-.2	BF	.8	.0	-.1	-.2	-.1	-.1	.0	.1	.1	.0	-.1	.0	.7	1.2	.7	1.2	.4	.2	23	1.2
9	.0	.0	.0	1.0	.2	BF	.9	.0	.0	.0	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.2	-.3	-.3	-.3	-.3	-.2	-.2	23	1.0
10	-.1	-.1	-.2	-.1	-.1	BF	.7	.0	.0	.0	.0	-.1	.0	.4	1.8	.5	.0	-.1	.0	-.1	.0	.0	2.3	12.2	23	12.2
11	.6	2.3	.3	.1	.0	BF	.9	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	1.2	.1	1.1	22.6	3.9	1.0	23	22.6
12	.6	.3	.1	.0	.0	BF	1.0	.3	.0	.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	3.2	.8	.2	.0	23	3.2
13	-.1	-.2	-.2	-.2	-.3	BF	.7	-.1	-.1	-.1	-.1	.0	.0	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.2	23	.7
14	-.2	-.3	-.3	-.3	-.3	BF	.5	-.2	-.2	-.1	.0	.0	.0	.0	-.1	.0	.0	-.1	-.2	-.1	.0	.0	.1	.0	23	.5
15	.0	-.1	.4	.7	7.8	BF	1.8	3.2	1.4	.8	.2	-.1	-.2	-.2	-.2	-.2	-.1	-.1	-.3	-.2	-.2	-.2	-.3	-.3	23	7.8
16	-.3	-.3	-.3	-.2	-.2	BF	.7	.0	.0	.0	.0	-.3	-.3	-.2	-.2	-.2	-.2	-.3	-.3	-.2	-.3	-.3	-.3	-.4	23	.7
17	-.4	-.4	-.5	-.5	-.4	BF	.7	.0	.0	-.1	.0	.0	.0	.0	.0	.5	.0	-.1	-.2	1.2	6.5	3.0	.6	.9	23	6.5
18	3.0	6.6	2.6	1.4	.9	BF	1.5	.8	.5	.5	.7	.6	.9	.0	.0	.0	.0	.2	.2	1.9	2.8	8.6	4.8	1.6	23	8.6
19	.5	.5	.3	.3	.3	BF	1.1	.1	.0	.0	.0	.2	.1	.0	.0	.0	.0	-.1	.0	.0	.0	-.1	-.1	-.1	23	1.1
20	-.2	-.3	-.2	-.3	-.2	BF	.8	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	.0	-.1	-.2	-.2	-.2	-.2	.0	23	.8
21	.0	-.1	-.2	-.2	-.2	BF	.6	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	23	.6
22	-.3	-.4	-.4	-.4	-.4	BF	.6	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	23	.6
23	-.3	-.3	-.3	-.3	-.4	BF	.7	-.2	-.2	-.3	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.4	23	.7
24	-.4	-.4	-.4	-.4	-.4	BF	.5	-.2	-.3	-.3	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.4	-.3	-.4	-.4	-.4	23	.5
25	-.4	-.4	-.5	-.4	-.5	BF	.5	-.2	-.3	-.3	-.2	-.1	.5	.0	-.1	-.1	-.2	-.2	.7	6.6	3.4	.1	-.3	-.4	23	6.6
26	-.4	-.4	-.4	-.4	-.4	BF	.5	-.2	-.3	-.3	-.3	-.3	-.4	-.3	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.3	23	.5
27	-.4	-.4	-.4	-.4	-.4	BF	.5	-.2	-.2	-.2	-.3	-.3	-.3	-.2	-.3	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.3	23	.5
28	-.3	-.3	-.3	-.4	-.3	BF	.6	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.2	-.3	-.3	-.3	-.4	-.4	-.3	.8	.0	23	.8
29																									0	
30																									0	
31																									0	
NO.:	28	28	28	28	28		28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28		
MAX:	3.0	6.6	2.6	1.4	7.8		1.8	3.2	1.4	1.8	2.5	.7	.9	.4	1.8	.5	.1	.2	1.2	6.6	6.5	22.6	4.8	12.2		
AVG:	.05	.19	-.01	-.02	.19		.82	.13	.01	.05	.07	-.01	.01	-.05	-.01	-.04	-.10	-.11	-.02	.27	.63	1.21	.35	.43		

MONTHLY OBSERVATIONS: 644 MONTHLY MEAN: .18 MONTHLY MAX: 22.6

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(42401) Sulfur dioxide

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CAS NUMBER: 7446-09-5
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LONGITUDE: -76.74
UTM ZONE:
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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 2017

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	.4	.1	.0	2.2	BF	11.0	6.4	4.9	1.4	.7	.7	3.2	5.3	5.1	3.5	.4	.0	-.1	-.1	-.2	1.3	.7	.1	23	11.0
2	.0	.0	.1	-.2	-.3	BF	.6	-.2	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	23	.6
3	-.4	-.4	-.4	-.5	-.4	BF	.5	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.4	23	.5
4	-.4	-.3	-.3	-.3	-.3	BF	.8	.0	-.1	-.2	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.2	-.2	-.2	-.3	-.3	-.3	-.4	23	.8
5	-.3	-.4	-.4	-.4	-.4	BF	.4	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.3	-.3	-.3	-.3	-.4	23	.4
6	-.4	-.4	-.4	-.4	-.5	BF	.4	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.0	.0	-.2	-.2	-.2	-.3	23	.4
7	-.3	-.3	-.3	-.3	-.1	BF	.7	.0	.0	-.1	-.1	-.1	-.3	-.2	-.3	-.3	-.3	-.2	-.3	-.4	-.4	-.4	-.3	-.4	23	.7
8	-.4	-.4	-.5	-.5	.2	BF	3.7	4.6	1.2	.3	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.3	23	4.6
9	-.3	-.3	-.3	-.3	-.3	BF	.7	-.1	.0	-.1	-.1	-.1	-.1	-.3	.1	.1	.2	-.1	-.1	.0	-.1	-.1	.1	1.0	23	1.0
10	2.0	3.7	5.1	13.8	11.0	BF	2.2	1.0	.5	.1	.1	.0	.0	-.2	-.2	-.1	-.1	-.2	-.3	-.4	-.3	-.4	-.4	-.4	23	13.8
11	-.4	-.4	-.5	-.5	-.5	BF	.6	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.4	23	.6
12	-.5	-.4	-.4	-.5	-.4	BF	.5	-.1	-.3	-.4	-.4	-.4	-.3	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.3	23	.5
13	-.4	-.4	-.4	-.3	-.4	BF	.6	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.5	23	.6
14	-.5	-.5	-.6	-.5	-.5	BF	.3	-.4	-.5	-.4	-.5	-.5	-.5	-.4	-.4	-.3	-.3	-.3	-.5	-.5	-.4	-.3	-.2	-.3	23	.3
15	-.3	-.2	-.4	-.4	-.4	BF	.7	.1	.0	.1	BA	-.1	-.1	.0	.0	-.1	-.2	-.2	-.3	-.4	-.3	-.4	-.4	-.4	22	.7
16	-.3	-.4	-.4	-.4	-.4	BF	.0	.1	-.2	-.3	-.3	-.3	-.3	-.1	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.3	-.4	-.2	23	.1
17	-.2	-.3	-.4	-.5	-.4	BF	-.1	.1	-.1	-.1	-.1	.1	1.1	.0	.0	-.1	-.1	-.1	-.2	-.2	-.2	-.1	-.2	-.2	23	1.1
18	-.1	-.4	-.4	-.4	1.1	BF	.3	.7	.0	-.2	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.5	-.6	-.5	-.6	23	1.1
19	-.6	-.6	-.6	-.6	-.6	BF	-.6	-.1	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.5	-.5	-.5	-.5	-.6	-.6	-.6	-.6	-.6	23	-.1
20	-.6	-.6	-.6	-.6	-.6	BF	-.6	.0	.0	-.3	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	.3	.2	2.4	23	2.4
21	.8	.0	.5	.2	-.2	BF	-.3	.1	.0	1.3	.0	.0	-.1	-.1	-.2	-.3	-.3	-.3	-.1	-.2	-.4	-.4	-.4	-.4	23	1.3
22	-.3	-.4	-.5	-.5	-.6	BF	-.5	.0	-.3	-.4	-.3	-.1	-.1	-.1	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.5	23	0.0
23	-.6	-.6	-.6	-.5	-.5	BF	-.5	-.1	-.2	-.3	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	23	-.1
24	-.5	-.5	-.5	-.5	-.6	BF	-.5	-.1	-.3	-.3	-.3	-.4	.0	.7	.2	.0	-.5	-.5	-.5	-.5	-.4	-.3	-.4	12.6	23	12.6
25	7.5	8.4	4.6	5.5	1.6	BF	.7	1.1	.9	1.9	-.1	-.3	-.4	-.4	.9	.4	-.2	-.3	-.4	-.4	-.4	-.4	-.4	-.4	23	8.4
26	-.4	-.4	-.4	-.4	-.5	BF	-.5	-.1	-.2	-.3	-.4	-.4	-.5	-.5	-.5	-.6	-.5	-.5	-.6	-.6	-.6	-.6	-.5	-.6	23	-.1
27	-.6	-.6	-.6	-.5	-.6	BF	-.6	-.2	-.3	-.2	-.1	.3	-.1	-.5	-.5	-.5	-.6	-.5	-.4	-.5	-.5	-.5	-.3	2.5	23	2.5
28	.7	.0	-.2	-.1	-.2	BF	-.4	.0	.5	-.2	-.4	-.5	-.5	.1	-.2	-.3	-.4	-.4	-.5	-.5	-.6	-.6	-.6	-.6	23	.7
29	-.6	-.6	-.6	-.7	-.6	BF	-.7	-.3	BA	BA	BA	-.6	-.6	-.6	-.7	-.7	-.6	-.7	-.7	-.7	-.7	-.8	-.7	-.7	20	-.3
30	-.8	-.7	-.8	-.8	-.8	BF	-.8	-.8	-.7	-.6	-.7	-.7	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	23	-.6
31	-.7	-.8	-.8	-.8	-.8	BF	-.8	-.7	-.8	BF	BF	-.7	-.4	-.5	-.6	-.5	-.6	-.6	-.6	-.6	-.2	-.4	-.5	-.6	21	-.2
NO.:	31	31	31	31	31		31	31	30	29	28	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	7.5	8.4	5.1	13.8	11.0		11.0	6.4	4.9	1.9	.7	.7	3.2	5.3	5.1	3.5	.4	0.0	0.0	0.0	-.1	1.3	.7	12.6		
AVG:	.05	.04	-.06	.23	.14		.57	.33	.07	-.03	-.21	-.23	-.12	-.06	-.07	-.14	-.29	-.33	-.35	-.38	-.38	-.33	-.33	.23		

MONTHLY OBSERVATIONS: 707 MONTHLY MEAN: -.07 MONTHLY MAX: 13.8

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

(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 2017

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	-.6	-.6	-.6	-.6	BF	-.5	-.2	-.3	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	23	-.2
2	-.6	-.6	-.5	-.6	-.6	BF	-.6	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.6	23	-.4
3	-.7	-.6	-.7	-.7	-.6	BF	-.6	-.3	-.3	-.4	-.6	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.7	-.7	23	-.3
4	-.7	-.7	3.5	6.2	7.0	BF	.4	.1	BA	BC	BC	BC	.1	.0	.0	.0	.1	.0	.0	.1	.2	.8	1.4	.8	19	7.0
5	.9	.5	.3	.2	.2	BF	1.4	.5	.5	.5	.4	.4	1.2	.9	.6	.4	.2	.7	.6	.3	.2	.2	.1	.8	23	1.4
6	.5	.2	.1	.1	.4	BF	1.0	.4	.1	.1	.9	2.8	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	2.8
7	.0	.0	.0	.0	.1	BF	.8	.5	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	23	.8
8	.0	.0	.0	.0	.0	BF	.7	.8	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	2.2	18.2	2.3	23	18.2
9	.8	.6	.5	.3	.4	BF	.8	.8	.5	.6	8.6	2.7	.4	.2	.2	.2	.1	.1	.2	.2	.3	.3	.3	.4	23	8.6
10	.5	.5	3.6	3.7	1.8	BF	1.4	1.3	.7	.6	.2	.7	.2	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.3	23	3.7
11	.3	.2	.3	.8	.4	BF	.6	.7	.3	.2	.1	.4	.1	.1	.1	.2	.1	.0	.1	.1	.0	.0	.1	.5	23	.8
12	2.4	.7	.5	.4	.3	BF	.6	1.1	BE	.2	.1	.2	.2	.2	.1	.1	.0	.1	.2	.2	.6	3.5	2.2	.7	22	3.5
13	2.2	3.9	5.4	1.4	.5	BF	.6	1.2	2.5	.3	.3	.3	.2	.2	.1	.2	.1	.1	.1	.1	.1	.0	.0	.0	23	5.4
14	.0	.0	.0	.0	.0	BF	.3	.5	.2	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.5
15	.0	.0	.0	.0	.0	BF	.3	.5	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.3	.7	23	.7
16	1.3	8.8	1.9	.3	.2	BF	1.1	.5	.3	.3	.3	.1	.2	.2	.2	.1	.1	.0	.0	.1	.3	19.2	.5	.1	23	19.2
17	.1	.0	.0	.0	.1	BF	1.0	.4	.0	.0	.1	.1	.2	.2	.2	.1	.2	.2	.1	.2	.1	.0	.0	.0	23	1.0
18	.0	.0	.0	.0	.0	BF	.8	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.8
19	.0	.0	.0	.0	.0	BF	.7	.3	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.7
20	.0	.0	.0	.0	.0	BF	1.1	.7	.5	.1	.1	.1	.0	.0	.1	.0	.0	.0	5.1	.0	.1	.1	.2	2.2	23	5.1
21	3.8	.2	.2	.8	.9	BF	.9	.6	.3	.1	.2	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.7	3.9	9.6	23	9.6
22	11.0	1.4	.1	.1	.2	BF	1.0	.7	.2	.2	.1	.3	.2	.1	.1	1.4	.1	.0	.0	.0	.0	.0	.0	.0	23	11.0
23	.0	.0	.0	-.1	.0	BF	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	23	.6
24	.0	.0	.0	.0	.0	BF	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	AV	22	.6
25	AV	AV	AV	.3	.1	AT	.6	BF	BF	1.4	4.1	.9	.1	.0	.0	.0	.6	.0	.0	.1	.0	.0	.0	.0	18	4.1
26	.0	.0	.0	.1	.1	AT	.7	2.8	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	.0	-.1	.0	.0	23	2.8
27	.0	.7	4.0	.0	.0	BF	8.4	1.3	1.1	.2	1.0	.8	.3	.1	.1	.0	.0	.0	.0	.0	.8	.1	.0	.0	23	8.4
28	-.1	-.1	.0	.3	1.0	BF	.5	.7	1.9	1.1	2.1	1.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	23	2.1
29	.0	-.1	.1	.5	2.7	BF	8.1	2.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	4.4	7.3	23	8.1
30	1.4	2.5	4.5	.7	.7	BF	1.3	.3	.0	.0	.0	.8	.0	.0	.0	.1	1.6	.0	.0	.0	.0	.0	.0	.0	23	4.5
31																									0	
NO.:	29	29	29	30	30		30	29	27	29	29	29	30	30	30	30	30	30	30	30	30	30	30	29		
MAX:	11.0	8.8	5.4	6.2	7.0		8.4	2.8	2.5	1.4	8.6	2.8	1.2	.9	.6	1.4	1.6	.7	5.1	.3	.8	19.2	18.2	9.6		
AVG:	.78	.60	.80	.47	.51		1.15	.66	.32	.18	.60	.39	.09	.05	.03	.06	.06	0.00	.17	0.00	.05	1.01	1.00	.82		

MONTHLY OBSERVATIONS: 679 MONTHLY MEAN: .42 MONTHLY MAX: 19.2

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: 37-013-0151 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 2017

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	-.1	.0	BF	.9	.2	.0	.0	.0	.3	1.0	1.3	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	-.1	23	1.3
2	-.1	-.1	-.1	1.5	.5	BF	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.5
3	.0	.0	.0	.0	.0	BF	1.2	.2	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	23	1.2
4	.0	.0	.0	.0	.0	BF	1.1	.1	.0	.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.2	-.1	-.1	-.1	-.2	-.2	23	1.1
5	-.1	-.2	-.2	-.1	-.2	BF	.4	.5	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	2.2	4.1	.2	.2	23	4.1
6	.1	8.3	1.7	7.0	10.3	AT	2.5	.6	1.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	.0	.8	23	10.3
7	.0	.4	5.0	.5	.0	BF	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	13.7	12.3	23	13.7
8	.8	.2	.1	.0	.0	BF	1.1	.4	.2	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.2	.0	.0	.0	.0	23	1.1
9	.0	.0	-.1	-.1	-.1	BF	1.0	.4	.2	.2	.2	.2	.2	.1	.2	.2	.2	.1	.1	.1	.1	.1	.0	.0	23	1.0
10	3.1	.8	1.3	.5	.0	BF	1.1	.3	.2	.2	.6	1.2	.6	.5	.2	.2	.0	.0	.0	.2	.1	.0	.0	-.1	23	3.1
11	.0	.0	.0	-.1	.0	BF	.9	.5	.8	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	23	.9
12	-.1	-.1	-.1	-.1	-.1	BF	.9	.0	-.1	-.1	.0	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	.9
13	-.1	-.1	-.1	-.1	-.1	BF	.9	.0	-.1	-.1	.0	-.1	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	.9
14	-.1	-.1	-.1	.0	-.1	BF	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	.3	.0	.0	23	4.1
15	.0	.0	.0	.0	.0	BF	1.1	.2	.2	.2	.3	.2	.2	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	23	1.1
16	.0	.0	-.1	-.1	-.1	BF	1.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	.0	.0	23	1.1
17	.1	.1	.5	3.8	.2	BF	1.3	.6	.3	.2	.1	.2	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	4.2	7.2	23	7.2
18	.2	1.1	.0	.0	.0	BF	.9	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	.6	4.5	23	4.5
19	3.7	4.8	7.5	.5	.1	BF	1.1	.3	.0	.0	.0	.1	.6	1.1	.2	.0	.3	.0	.0	.0	.0	.0	.8	.1	23	7.5
20	2.3	.0	.0	.0	.0	BF	1.0	.3	.1	.2	.1	.1	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	23	2.3
21	-.1	-.1	-.1	-.2	-.1	BF	.8	.0	.0	-.1	.0	.0	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	-.1	-.1	23	.8
22	-.1	-.1	-.1	-.1	-.1	BF	.7	.2	1.3	1.8	.0	.0	.2	.5	2.2	2.1	.2	1.4	10.3	.7	3.3	.6	.0	.0	23	10.3
23	-.1	-.1	-.1	-.1	3.8	BF	2.1	1.6	.4	.1	.0	.0	.0	.0	.0	-.1	.6	.1	6.9	6.6	10.0	2.1	.0	.0	23	10.0
24	5.4	2.1	.0	.0	-.1	BF	.8	.2	.0	.0	.7	.1	.0	.0	.0	.0	-.1	-.1	.0	-.1	-.1	-.2	-.1	-.1	23	5.4
25	-.1	-.1	-.1	.4	1.4	BF	5.0	4.3	2.7	.3	.0	.0	.0	-.1	.0	.4	4.0	2.8	.2	.0	4.3	.0	-.1	-.1	23	5.0
26	-.1	-.1	-.1	-.2	-.1	BF	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	.0	-.1	.0	23	.8
27	.8	4.2	1.0	.1	.0	BF	.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.8	2.6	23	4.2
28	1.7	.6	.1	.0	.2	BF	5.2	5.0	1.6	.7	1.7	1.5	.2	.0	.0	.0	.0	.0	.0	-.1	.0	.1	.0	.0	23	5.2
29	.0	-.1	-.1	-.1	-.1	BF	.5	.8	.2	.1	.0	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	23	.8
30	.1	.5	-.1	-.2	-.2	BF	.6	3.1	.0	.0	.1	-.1	-.1	.0	.0	-.1	-.1	-.2	-.2	-.1	.0	1.1	.7	.0	23	3.1
31	-.1	-.1	-.1	-.1	-.1	BF	.6	.1	-.1	.1	.9	.7	.7	1.1	.7	.2	1.3	8.9	10.8	2.7	.0	.0	-.1	-.1	23	10.8
NO.:	31	31	31	31	31		31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	5.4	8.3	7.5	7.0	10.3		5.2	5.0	2.7	1.8	1.7	1.5	1.0	1.3	2.2	2.1	4.0	8.9	10.8	6.6	10.0	4.4	13.7	12.3		
AVG:	.55	.70	.50	.41	.48		1.26	.67	.30	.15	.15	.14	.11	.14	.12	.10	.20	.41	.88	.30	.74	.52	.63	.85		

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: .45 MONTHLY MAX: 13.7

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

(42401) Sulfur dioxide

SITE ID: 37-013-0151 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 2017

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	-.1	BF	.6	AZ	AZ	AZ	AZ	.0	.0	.0	-.1	-.1	.1	-.1	-.1	.6	3.8	2.0	4.8	.4	19	4.8
2	7.7	.0	.0	-.1	-.1	BF	.6	.3	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	7.7
3	.0	.0	-.1	-.1	-.2	BF	.6	.2	.0	2.8	1.3	1.1	.0	.0	.0	.0	.0	.0	-.1	.0	2.9	.0	.0	.0	23	2.9
4	-.1	-.1	-.1	-.1	-.1	BF	.7	.3	.0	4.3	2.0	.6	.0	.0	.0	.0	.0	-.1	-.2	-.2	-.2	.4	2.4	1.9	23	4.3
5	1.0	1.3	.0	.0	.0	BF	.4	.1	-.1	-.1	.0	.0	-.1	-.2	-.2	-.1	-.2	-.1	1.1	2.1	6.2	.5	-.2	-.2	23	6.2
6	-.2	-.2	-.2	-.2	-.2	BF	.5	.1	-.1	-.1	-.1	-.1	-.1	.2	2.2	.7	.0	-.1	.0	-.1	-.2	-.2	-.1	-.2	23	2.2
7	-.2	-.2	-.2	-.2	-.2	BF	.6	.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	23	.6
8	-.2	-.2	-.2	-.2	-.3	BF	.7	.0	-.2	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.2	23	.7
9	-.2	-.2	-.2	-.2	-.3	BF	.6	.1	-.1	-.1	-.1	-.2	-.2	-.3	-.3	-.3	-.2	-.3	-.2	-.2	-.2	-.3	.9	9.8	23	9.8
10	1.3	-.1	-.1	.0	.0	BF	2.1	.4	.2	.0	.0	.0	.2	.4	.4	.0	-.1	.0	-.1	-.2	-.2	-.2	9.5	20.8	23	20.8
11	.9	.1	.0	.0	.0	BF	1.3	.0	.0	.0	.0	.0	.2	.0	.0	.0	-.1	-.1	-.1	-.2	-.2	2.0	12.6	5.8	23	12.6
12	.4	.0	.0	.0	-.1	BF	1.3	.0	.0	.1	.0	.0	.0	.0	.3	1.0	.0	.0	-.1	-.1	-.1	-.2	2.3	.0	23	2.3
13	-.1	-.2	-.1	-.1	.0	BF	1.1	.7	.6	.7	1.3	.8	.8	1.4	.6	.6	.7	.7	.6	.6	.6	1.2	1.2	2.0	23	2.0
14	3.1	.8	.7	.6	.6	AT	1.6	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	.0	.0	.0	.2	-.2	-.2	-.2	-.1	23	3.1
15	-.2	-.2	-.2	-.1	-.2	BF	1.2	-.1	-.1	-.2	-.1	-.2	-.1	-.1	-.1	-.2	-.1	-.1	-.1	.5	.0	-.1	-.1	-.2	23	1.2
16	.4	-.1	6.6	5.4	.3	BF	3.1	6.7	3.1	.3	.0	.0	.0	.0	-.1	-.1	2.0	.6	-.1	-.1	-.2	-.1	5.6	6.4	23	6.7
17	2.7	.0	-.2	-.2	-.2	BF	.9	-.2	-.2	-.2	1.4	-.1	-.2	-.2	-.3	-.2	-.2	-.2	-.3	-.3	-.2	-.2	-.2	-.2	23	2.7
18	-.2	-.3	4.9	.5	-.1	BF	1.0	2.7	.4	.0	.0	-.1	-.2	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	23	4.9
19	-.1	-.2	-.2	-.3	-.2	BF	.9	-.1	-.2	.1	-.2	.1	.8	-.2	-.2	-.2	1.6	3.7	-.1	-.1	-.2	-.1	8.9	22.6	23	22.6
20	11.6	14.8	13.0	5.8	.3	BF	1.8	.0	.0	.0	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.2	-.2	-.2	-.2	.1	-.1	1.3	23	14.8
21	1.5	.1	1.5	2.8	.1	BF	1.2	.0	-.1	-.1	-.1	-.1	-.2	-.1	-.2	-.2	-.2	-.2	1.5	-.1	-.2	5.2	.8	.0	23	5.2
22	-.1	-.1	.0	-.1	.0	BF	1.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	23	1.1
23	-.2	-.1	-.2	-.2	-.2	BF	1.0	.0	-.2	-.2	-.2	.2	.1	-.1	.9	1.6	1.1	-.1	-.2	-.2	-.2	-.1	.6	8.0	23	8.0
24	.2	14.0	8.6	17.9	9.3	BF	1.6	.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.2	.0	-.2	2.6	.5	-.1	.0	-.1	23	17.9
25	.8	-.2	-.2	-.2	-.2	BF	1.0	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.3	23	1.0
26	-.2	-.2	-.2	-.2	-.2	BF	1.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	-.1	-.1	-.2	-.1	-.1	23	1.3
27	-.1	2.3	.4	.0	-.1	BF	1.5	.1	.0	.0	-.1	-.1	-.1	.0	-.1	.0	-.1	.0	-.1	-.1	-.2	-.2	-.2	-.2	23	2.3
28	-.2	-.2	-.2	-.2	-.1	BF	1.1	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	23	1.1
29	-.2	-.2	-.2	-.1	-.1	BF	1.1	-.1	-.1	.0	.0	-.1	-.1	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.2	23	1.1
30	-.2	-.1	-.1	-.2	-.1	BF	1.2	.0	-.1	-.2	-.1	-.1	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	23	1.2
31																									0	
NO.:	30	30	30	30	30		30	29	29	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	11.6	14.8	13.0	17.9	9.3		3.1	6.7	3.1	4.3	2.0	1.1	.8	1.4	2.2	1.6	2.0	3.7	1.5	2.6	6.2	5.2	12.6	22.6		
AVG:	.96	1.01	1.09	1.00	.24		1.12	.39	.09	.23	.15	.03	-.01	-.02	.05	.03	.08	.06	-.02	.10	.32	.25	1.56	2.53		

MONTHLY OBSERVATIONS: 686 MONTHLY MEAN: .49 MONTHLY MAX: 22.6

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: 37-013-0151 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 2017

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	-.3	-.3	-.3	-.3	BF	.9	4.7	1.7	.3	1.4	.0	.2	-.2	-.1	-.1	.3	-.1	-.2	2.2	1.1	3.7	8.4	6.2	23	8.4
2	.8	.9	.4	.3	.4	AS	1.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.2	-.1	.5	-.1	-.2	-.1	-.1	.0	.9	-.1	23	1.1
3	1.2	1.3	4.9	.2	.0	BF	1.1	-.1	-.1	-.1	.1	.3	.3	.5	-.1	-.1	.0	-.2	-.2	-.2	-.1	.0	-.1	2.3	23	4.9
4	3.9	3.5	3.6	2.4	.5	BF	1.4	.0	.0	-.1	-.1	-.1	-.2	-.1	-.2	-.2	-.2	2.5	2.1	2.4	1.4	.3	.0	-.1	23	3.9
5	-.2	-.3	-.3	-.3	-.2	BF	1.2	.0	.0	.0	.0	-.1	-.1	1.6	.0	-.2	-.1	.1	.3	.0	-.2	-.2	-.2	-.2	23	1.6
6	-.3	1.4	.1	-.1	-.1	BF	1.2	-.1	-.2	-.1	-.2	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.2	-.1	2.2	9.2	12.3	23	12.3
7	9.5	.6	.1	.0	.0	BF	1.4	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.2	-.1	-.2	-.2	.0	-.2	-.2	-.2	-.2	23	9.5
8	1.8	5.3	6.9	1.7	1.5	BF	1.7	.0	.0	-.1	-.1	-.2	-.2	-.1	-.1	-.2	-.2	-.1	1.9	.7	2.6	1.9	-.1	-.2	23	6.9
9	.2	6.5	4.7	1.7	.1	BF	1.5	.0	-.1	.0	.0	2.8	3.3	2.0	.2	-.1	.0	4.2	9.9	.3	4.6	8.5	6.5	2.8	23	9.9
10	1.5	.0	.0	.0	.0	BF	1.3	.0	-.1	-.1	3.0	1.3	.0	-.1	.0	-.2	-.2	-.2	1.8	.6	-.1	6.6	.3	-.1	23	6.6
11	6.2	6.8	.6	.0	.5	BF	1.4	.0	.0	-.1	.1	.1	-.3	-.3	-.3	-.1	-.3	-.3	-.2	-.3	-.3	.0	.8	3.4	23	6.8
12	3.7	.6	3.3	.7	.0	BF	.9	.0	-.1	.0	-.1	-.2	-.2	-.2	-.2	-.2	.0	-.2	-.2	-.2	-.2	-.3	.0	7.5	23	7.5
13	1.5	.4	.0	-.1	-.1	BF	1.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	.4	.5	.0	-.2	-.2	-.3	-.3	-.3	4.2	4.6	23	4.6
14	2.6	.0	-.1	-.2	-.1	BF	1.0	.0	-.1	-.1	-.1	-.2	-.2	-.2	.1	.0	-.2	-.2	-.2	-.2	-.3	-.2	3.9	3.0	23	3.9
15	.1	.0	-.1	-.1	-.2	BF	1.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.2	.4	.0	-.1	.3	-.1	.0	-.2	-.2	23	1.0
16	-.3	-.2	-.3	-.3	-.1	BF	1.0	-.1	-.2	-.2	1.0	.3	.0	.0	-.2	-.2	-.2	-.2	-.2	.5	-.3	-.2	-.3	2.3	23	2.3
17	4.4	.5	.0	-.2	1.8	BF	3.8	1.0	.8	1.0	.1	-.1	-.1	-.2	-.2	2.5	.5	.2	-.1	-.2	-.2	-.2	3.2	3.1	23	4.4
18	.5	5.0	4.3	.8	.1	BF	1.6	.0	-.1	.0	.1	2.0	.5	-.1	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.1	.9	.0	23	5.0
19	-.2	-.2	-.1	-.2	-.3	BF	1.1	.0	.0	-.1	1.8	2.0	.5	1.3	.9	.1	-.2	-.3	-.2	.0	5.9	2.9	2.0	1.1	23	5.9
20	.0	-.2	-.2	-.2	-.3	BF	1.1	-.1	.0	-.1	3.1	4.2	3.3	.9	.3	-.1	-.2	-.2	-.2	-.3	-.3	-.3	-.2	.3	23	4.2
21	1.7	-.1	-.2	-.2	-.2	BF	.9	.0	-.1	-.2	-.1	-.1	-.1	-.2	.0	.5	-.1	-.3	-.3	-.3	2.9	7.7	4.6	1.0	23	7.7
22	.0	-.2	-.2	-.2	-.2	BF	1.0	.0	-.1	.0	-.1	.6	-.1	-.2	-.3	.0	-.2	-.3	-.2	-.2	-.2	.8	4.5	7.3	23	7.3
23	.2	.0	1.1	.0	-.1	BF	1.1	2.9	.0	-.1	-.1	-.2	-.2	-.3	-.3	.7	-.3	-.3	.0	2.5	-.1	-.2	-.3	-.3	23	2.9
24	-.3	-.3	.0	1.1	-.1	AS	.4	1.2	.4	.3	.3	.2	.3	.3	.3	.2	.2	.3	.2	.1	.3	3.9	4.0	1.6	23	4.0
25	1.4	.5	.3	.3	.4	AS	1.4	AX	AX	.3	.0	-.1	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	21	1.4
26	-.3	-.2	-.3	-.2	-.3	BF	1.1	-.1	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	23	1.1
27	-.3	-.3	-.2	-.3	-.3	BF	1.1	-.1	.0	1.0	.0	-.1	.0	.0	.0	.0	-.3	-.3	-.2	-.3	-.3	-.3	-.1	-.2	23	1.1
28	-.2	-.3	-.1	-.2	-.1	BF	.9	.1	.0	-.1	-.1	.3	.6	-.1	-.3	-.3	-.3	-.3	-.4	-.3	-.3	-.3	-.4	-.3	23	.9
29	-.2	.7	1.1	2.2	.0	AS	1.2	.0	-.1	-.2	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.3	23	2.2
30	-.4	-.4	-.4	-.3	-.3	BF	1.2	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	23	1.2
31	-.3	-.3	-.4	-.3	-.3	BF	1.0	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.3	23	1.0
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:	9.5	6.8	6.9	2.4	1.8		3.8	4.7	1.7	1.0	3.1	4.2	3.3	2.0	.9	2.5	.5	4.2	9.9	2.5	5.9	8.5	9.2	12.3		
AVG:	1.23	.99	.91	.25	.05		1.23	.30	.03	.02	.29	.37	.18	.09	-.06	.02	-.08	.05	.35	.15	.43	1.11	1.61	1.79		

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .49 MONTHLY MAX: 12.3

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: AUGUST 2017

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	-.4	-.3	-.4	-.4	BF	1.1	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.2	-.2	-.2	-.2	-.3	23	1.1
2	-.3	-.3	-.3	-.3	-.3	BF	1.1	-.2	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	-.1	-.2	-.3	-.2	-.2	-.3	4.1	23	4.1
3	4.5	.1	-.1	-.2	.5	BF	1.4	.0	.0	.0	.2	.9	.4	.0	.0	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.4	-.3	23	4.5
4	-.3	-.3	-.4	-.4	-.4	BF	.9	-.2	.0	.0	-.1	-.2	.6	1.2	.3	.4	.0	.0	-.2	-.2	-.2	.5	3.4	.0	23	3.4
5	-.2	-.2	.2	-.2	-.3	BF	.8	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.1	-.2	-.4	-.1	-.3	1.2	3.0	-.2	-.3	23	3.0
6	-.3	-.3	-.3	-.3	-.4	BF	1.0	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.4	-.4	23	1.0
7	-.4	-.4	-.4	-.4	-.4	BF	3.4	.5	.0	-.2	-.3	.5	-.1	-.3	-.1	-.4	.1	-.4	-.4	-.3	1.4	.1	4.3	2.9	23	4.3
8	.6	4.9	1.3	6.8	.0	BF	.9	-.1	-.2	-.2	-.2	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	23	6.8
9	-.4	-.4	-.4	-.3	-.4	BF	.8	-.2	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.3	23	.8
10	-.4	-.4	-.4	-.4	-.4	BF	.9	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.3	23	.9
11	-.4	-.4	-.4	-.4	-.4	BF	.5	-.3	-.3	-.3	-.4	-.4	-.4	-.3	-.4	-.4	-.5	-.5	-.5	-.4	-.4	-.4	-.4	-.4	23	.5
12	-.4	-.4	-.5	-.5	-.5	BF	.5	-.3	-.3	-.4	.0	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.1	.8	.9	23	.9
13	-.2	-.3	-.3	-.3	-.3	BF	.7	-.2	-.3	-.2	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	23	.7
14	-.4	-.4	-.4	-.4	-.4	BF	.6	-.2	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.5	-.3	.0	-.1	.0	.3	.0	.0	23	.6
15	.0	.0	.0	.0	.0	BF	.9	-.2	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	.5	.0	.0	-.4	-.4	-.4	23	.9
16	-.4	-.4	-.4	-.5	-.4	BF	.8	-.2	-.3	-.3	-.3	-.3	-.4	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	23	.8
17	-.3	-.4	-.4	-.4	-.4	BF	.9	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.3	-.3	-.4	-.4	-.4	-.5	23	.9
18	-.4	-.4	-.5	-.4	-.5	BF	1.2	.9	.0	-.3	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.5	-.5	-.5	-.5	-.5	23	1.2
19	-.1	.8	.0	-.5	-.5	BF	.5	-.2	-.3	-.3	-.4	-.3	-.3	-.3	-.3	.0	.1	-.2	-.4	.6	1.3	.4	-.1	-.1	23	1.3
20	-.2	-.3	-.3	-.3	-.3	BF	1.0	.1	1.6	1.0	1.2	1.1	.1	-.1	-.2	-.2	-.2	-.3	-.3	-.3	-.4	-.3	-.4	-.4	23	1.6
21	-.4	-.4	-.4	-.4	-.4	BF	.6	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.2	-.1	23	.6
22	-.3	.2	3.2	7.7	3.0	BF	4.2	1.0	.9	1.4	.6	.0	-.3	-.3	-.3	-.3	-.4	-.3	-.3	-.4	-.4	-.4	.9	.8	23	7.7
23	.0	-.3	-.3	-.2	-.3	BF	1.2	.0	-.2	-.2	-.3	-.3	.0	.6	.0	-.2	-.3	-.4	-.4	-.4	-.1	-.4	1.5	.8	23	1.5
24	-.2	-.4	-.3	-.4	-.4	BF	.8	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.5	23	.8
25	-.5	-.4	-.4	-.4	-.4	BF	.9	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	23	.9
26	-.4	-.4	-.4	-.4	-.4	BF	.9	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.4	23	.9
27	-.4	-.5	-.4	-.5	-.4	BF	.9	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	23	.9
28	-.4	-.4	-.5	-.5	-.4	BF	.8	-.2	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.4	23	.8
29	-.4	-.5	-.5	-.4	-.5	BF	.7	-.3	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	23	.7
30	-.4	-.4	-.4	-.4	-.5	BF	.9	-.3	-.3	-.4	-.4	-.3	-.3	-.3	-.3	-.4	-.3	-.4	-.4	-.4	-.2	-.3	-.3	-.4	23	.9
31	-.3	-.3	-.3	2.3	7.0	BF	1.5	.0	-.1	BC	BC	BC	BC	.8	.6	.4	.4	.3	.3	.3	.7	.3	2.4	.7	19	7.0
NO.:	31	31	31	31	31		31	31	31	30	30	30	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:	4.5	4.9	3.2	7.7	7.0		4.2	1.0	1.6	1.4	1.2	1.1	.6	1.2	.6	.4	.4	.3	.5	.6	1.4	3.0	4.3	4.1		
AVG:	-.13	-.12	-.16	.21	0.00		1.07	-.10	-.13	-.16	-.18	-.17	-.22	-.18	-.25	-.26	-.27	-.31	-.29	-.28	-.14	-.13	.15	.06		

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: -.09 MONTHLY MAX: 7.7

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 2017

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.3	.3	.3	.3	.3	BF	1.5	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3	.2	.2	.2	.2	.2	.2	23	1.5
2	.1	.1	.2	.2	.2	BF	1.4	.3	1.9	1.4	.5	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	1.0	23	1.9
3	5.3	.7	.5	.4	.4	BF	1.6	.4	.3	.4	.3	.3	.3	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	5.3
4	.2	.1	.4	.6	.3	BF	2.1	1.3	2.6	1.1	.5	.7	.8	.8	.8	.3	.3	.4	.5	.4	.3	.3	.5	.4	23	2.6
5	.4	1.2	.8	8.3	.9	BF	12.6	11.7	6.9	.8	.6	.8	.8	.8	.4	.3	.3	.3	.3	.3	.3	.2	.2	.2	23	12.6
6	.3	.3	.2	.2	.3	BF	1.7	1.4	3.8	1.4	.7	.3	.2	.3	.2	.2	.2	.2	.3	.2	.2	.2	.2	.2	23	3.8
7	.2	.1	.1	.1	.1	BF	1.6	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	23	1.6
8	.1	.2	.2	.2	.2	BF	1.7	.2	.2	.5	.5	.4	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	23	1.7
9	.1	.1	.1	.1	.0	BF	1.5	.3	.3	.3	.4	.4	.4	.3	.3	.4	.3	.3	.2	.3	.3	.2	.2	.1	23	1.5
10	.2	.2	.2	.1	.1	BF	1.5	.3	.2	.3	.3	.3	.3	.3	.3	.3	.2	.3	.2	.2	.2	.2	.2	.2	23	1.5
11	.1	.1	.1	.2	.1	BF	1.5	.3	.3	.3	.2	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	1.5
12	.2	.2	.2	.2	.2	BF	1.6	.3	.2	.2	.2	.3	.2	.3	.3	.2	.2	.2	.1	.2	.2	.2	.2	.1	23	1.6
13	.2	.1	.2	.2	.3	BF	1.5	.4	.3	.3	.3	.2	.3	.3	.3	.2	.2	.3	.3	.2	.2	.4	.4	.4	23	1.5
14	.6	2.7	1.6	.5	.3	BF	1.5	.4	.4	.9	.4	1.4	.7	.3	.2	.3	.2	.2	.2	.2	.2	.1	.1	.6	23	2.7
15	1.8	.3	.2	.2	.3	BF	1.6	.4	.7	.8	.5	.4	.3	.3	.3	2.2	3.7	.8	.5	.3	.2	.2	.1	.2	23	3.7
16	.2	.2	.1	.1	.1	BF	1.4	.2	.2	.3	.3	.2	.3	.3	.3	.3	.3	.2	.2	.2	.1	.2	.1	.2	23	1.4
17	.1	.1	.1	.2	.1	BF	1.4	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.1	23	1.4
18	.2	.1	.1	.1	.1	BF	1.5	.3	.3	.2	.3	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	23	1.5
19	.2	.1	.1	.1	.1	BF	1.5	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	23	1.5
20	.2	.2	.2	.2	.2	BF	1.6	.5	.4	.4	.4	.3	.4	.4	.4	.4	.3	.2	.1	.1	.1	.2	.1	.1	23	1.6
21	.2	.1	.2	.1	.1	AS	.8	.9	.9	.9	.9	.8	1.0	1.0	1.0	1.0	1.0	1.0	.9	.9	1.0	.9	.8	.9	23	1.0
22	.9	.8	.8	.9	.8	AS	1.9	1.0	.8	.6	AX	1.6	.5	.4	.4	.4	.5	.4	.3	.2	.8	.5	.2	.2	22	1.9
23	.2	.2	.2	.1	.1	BF	1.4	.4	.3	.4	.6	.4	.5	.4	.5	.5	.5	.3	.3	.3	.2	.2	.1	.1	23	1.4
24	.1	.1	.1	.1	.1	BF	1.6	.3	.2	.3	.3	.3	.3	.2	.3	.3	.3	.2	.2	.3	.3	.3	.2	.2	23	1.6
25	.1	.2	.1	.2	.1	BF	1.4	.3	.2	.2	.2	.2	.2	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	23	1.4
26	.0	.1	.1	.1	.1	BF	1.4	.3	.1	.2	.1	.2	.2	.2	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	23	1.4
27	.1	.1	.1	.1	.0	BF	1.2	.4	.2	.2	.1	.2	.1	.1	.1	.1	.1	.2	.2	.2	.1	.1	.2	.1	23	1.2
28	.2	.2	.2	.1	.2	BF	1.0	.7	.5	.5	.5	.4	.4	.4	.4	.4	.5	.3	.2	.2	.2	.2	.2	.2	23	1.0
29	.2	.1	.1	.1	.2	BF	.8	.6	.3	.2	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	23	.8
30	.1	.1	.1	.0	.1	BF	.8	.6	.2	.2	.3	.5	.3	.3	.3	.5	.3	.3	.2	.3	.2	.1	.1	.1	23	.8
31																									0	
NO.:	30	30	30	30	30		30	30	30	30	29	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	5.3	2.7	1.6	8.3	.9		12.6	11.7	6.9	1.4	.9	1.6	1.0	1.0	1.0	2.2	3.7	1.0	.9	.9	1.0	.9	.8	1.0		
AVG:	.44	.31	.26	.48	.21		1.82	.84	.79	.47	.37	.42	.36	.33	.31	.36	.39	.28	.24	.24	.24	.22	.20	.24		

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .43 MONTHLY MAX: 12.6

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

(42401) Sulfur dioxide

SITE ID: 37-013-0151 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 2017

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	.9	.7	.4	.3	.3	.2	.3	.3	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	23	.9
2	.1	.1	.1	.1	.1	BF	1.0	.5	.2	.2	.2	.2	.2	.2	.3	.2	.3	.2	.2	.1	.2	.1	.1	.0	23	1.0
3	.1	.1	.1	.0	.1	BF	1.4	.2	.2	.2	.3	.3	.3	.2	.2	.3	.3	.2	.2	.2	.2	.2	.1	.1	23	1.4
4	.1	.1	.1	.1	.1	BF	1.4	.2	.1	.2	.2	.2	.2	.3	.2	.2	.2	.1	.2	.2	.1	.1	.1	.0	23	1.4
5	.1	.1	.1	.1	.1	BF	1.3	.2	.2	.2	.2	.2	.2	.1	.1	.0	.1	.1	.0	.1	.0	.0	.1	.0	23	1.3
6	.0	.0	.0	.0	.0	BF	1.3	.3	.1	.2	.3	.3	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	23	1.3
7	.1	.1	.1	.1	.1	BF	1.1	.4	.2	.2	.2	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.0	23	1.1
8	.0	.1	.0	.0	.1	BF	.7	.5	.1	.1	.1	.1	.1	.2	.1	.1	.2	.1	.1	.1	.1	.1	.1	.0	23	.7
9	.1	.0	.1	.0	.1	BF	1.1	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.9	23	1.1
10	2.0	3.2	1.8	1.1	.5	BF	1.7	.8	.4	.3	.4	.4	.1	.1	.2	.1	.1	.2	.1	.3	.6	1.5	.6	.9	23	3.2
11	1.0	2.1	2.8	4.3	2.8	AS	1.7	.7	.4	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.7	5.6	3.3	9.9	8.7	23	9.9
12	13.2	1.4	.7	.4	.4	BF	1.2	.7	.3	.3	.3	.3	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	23	13.2
13	.1	.1	.1	.1	.1	BF	1.0	.5	.2	.2	.2	.2	.2	.2	.2	.3	.2	.2	.2	.1	.1	.1	.1	.0	23	1.0
14	.1	.1	.0	.0	.0	BF	.8	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.8
15	.1	.5	.3	.2	.1	BF	1.0	.6	.2	.3	.5	1.1	.6	1.1	.7	1.0	2.3	.3	.2	.2	.2	.1	1.7	.5	23	2.3
16	.6	2.7	1.0	.5	.4	BF	1.0	.6	.3	.4	.3	.2	.2	.2	.2	.1	.1	.1	.1	.1	.2	.1	.1	.1	23	2.7
17	.2	.2	.2	.2	.3	BF	1.1	.9	.6	.4	.3	.3	.2	.3	.3	.4	.3	.3	.2	.2	.1	.2	.2	.1	23	1.1
18	.1	.1	.1	.1	.1	BF	.8	.5	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.1	.1	.1	.1	23	.8
19	.1	.1	.1	.1	.1	BF	.8	.5	.1	.2	.1	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.0	.0	23	.8
20	.0	.0	.0	.0	.1	BF	.8	.5	.2	.1	.3	.3	.3	.3	.4	.4	.4	.3	.2	.2	.2	.2	.1	.1	23	.8
21	.1	.0	.1	.1	.0	BF	.8	.5	.2	6.6	2.5	2.5	1.0	.7	.5	.5	.4	.4	.3	.3	.3	.3	.2	.1	23	6.6
22	.1	.0	.1	.0	.0	BF	.7	.5	.2	.2	.2	.3	.3	.3	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	23	.7
23	.0	.0	.0	.0	.0	BF	.7	.5	.1	.2	.2	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.7
24	.0	.1	.1	.0	.1	BF	.7	.6	.2	.2	5.3	.6	.4	.2	.8	4.8	2.0	.4	3.2	1.1	8.0	.8	.5	.3	23	8.0
25	.3	.2	.2	.1	.2	BF	.8	.6	.2	.3	.3	.3	.3	.3	.3	.3	.3	.2	.1	.2	.2	.2	.1	.1	23	.8
26	.1	.1	.1	.0	.1	BF	.7	.6	.3	.3	.3	.3	.3	.3	.3	.3	.2	.1	.1	.1	.1	.1	.1	.0	23	.7
27	.1	.0	.1	.1	.1	BF	.7	.8	.4	10.3	4.3	.4	.4	.3	.3	.2	.3	.4	.4	.3	.2	.2	.1	.2	23	10.3
28	.1	.1	.1	.1	.1	BF	.7	.6	.3	.2	.3	.3	.2	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	.0	23	.7
29	.0	.0	.1	.0	.1	BF	.9	1.1	.2	.2	.1	.1	.1	.1	.1	.0	.2	.5	.1	.1	.0	.0	.0	.1	23	1.1
30	.1	.0	.0	.1	.1	BF	.7	.6	.1	.2	.2	.1	.1	.1	.2	.1	.2	.1	.1	.1	.1	.1	.1	.2	23	.7
31	.2	.2	.4	.5	.3	BF	.9	.8	.3	.4	.4	.4	.4	3.8	2.3	.4	.4	.3	.2	.1	.1	.0	.1	.0	23	3.8
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:	13.2	3.2	2.8	4.3	2.8		1.7	1.1	.6	10.3	5.3	2.5	1.0	3.8	2.3	4.8	2.3	.5	3.2	1.1	8.0	3.3	9.9	8.7		
AVG:	.62	.38	.29	.27	.22		.98	.55	.23	.76	.62	.35	.26	.37	.31	.38	.34	.20	.25	.20	.57	.28	.50	.42		

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: .41 MONTHLY MAX: 13.2

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: 37-013-0151 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 2017

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	.0	.1	BF	.7	.5	.1	.2	.5	.5	.4	.4	.3	.3	.2	.1	.1	.1	.1	.1	.0	.1	23	.7
2	.1	.1	.0	.1	.0	BF	.7	.5	.2	.1	.2	.2	.2	.1	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	23	.7
3	.0	.0	.0	.0	.0	BF	.6	.4	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.3	.4	.3	.5	.3	.1	23	.6
4	.1	.0	.0	.1	.0	BF	.6	.5	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	23	.6
5	.1	.0	.0	.0	.0	BF	.6	.5	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.0	.0	23	.6
6	.0	.0	.0	.0	.0	BF	.6	.5	.1	.1	.1	.1	.1	.6	.5	1.1	.5	.2	.1	.1	.6	.5	.3	.2	23	1.1
7	.2	.1	.1	.1	.0	BF	.6	.6	.2	.1	.1	.1	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	23	.6
8	.0	.0	.0	.0	.0	BF	.6	.6	.2	.1	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.6
9	.0	.0	.0	.0	.0	BF	.5	.5	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.5
10	.0	.0	.0	.0	.0	BF	.8	.5	.1	.2	.3	.4	.4	.4	.4	.3	.2	.2	.1	.2	.2	.2	.2	.2	23	.8
11	.1	.1	.2	.1	.1	BF	.8	.7	.4	.4	.3	.3	.2	.2	.3	.2	.2	.2	.2	.2	.1	.2	.2	.1	23	.8
12	.2	.1	.2	.2	.1	BF	.8	.7	.4	.4	.3	.3	.2	.2	.3	.2	.2	.1	.1	.1	.1	.1	.1	.1	23	.8
13	.1	.1	.0	.1	.1	BF	.5	.5	.2	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1	23	.5
14	.1	.1	.1	.2	.1	BF	.8	.5	.2	.2	.3	.2	.2	.2	.3	.3	.2	.2	.1	.1	.1	.1	.3	.3	23	.8
15	.4	.5	.4	.4	.3	BF	1.0	.7	.4	.4	.5	.4	.3	.2	.2	.2	.3	.2	.1	.1	.1	.1	.1	.1	23	1.0
16	.1	.1	.1	.0	.1	BF	.7	.4	.2	.2	.3	.4	.4	.3	.2	.3	.2	.2	.1	.1	.1	.1	.0	.0	23	.7
17	.1	.2	.1	.1	.2	BF	.9	.6	.4	.4	.3	.5	.4	.4	.7	.5	.4	.3	.2	.1	.1	.1	.1	.1	23	.9
18	.1	.1	.1	.1	.1	BF	.8	.5	.3	.2	.2	.2	1.7	1.0	.4	.2	.2	.2	.1	.2	.2	1.8	1.2	6.4	23	6.4
19	8.7	2.2	8.0	5.7	9.1	BF	1.8	.9	.3	.2	.2	.2	.1	.1	.1	.1	.2	.1	.1	.1	.1	.0	.1	.1	23	9.1
20	.1	.1	.1	.1	.3	BF	.9	.7	.4	.2	.2	.2	.2	.2	.2	.3	.2	.2	.1	.1	.1	.0	.1	.0	23	.9
21	.1	.0	.0	.0	.1	BF	.7	.5	.2	.2	.2	.2	.7	1.4	1.1	.5	.3	.3	.2	.1	.1	.1	.1	.1	23	1.4
22	.0	.1	.0	.0	.0	BF	.6	.5	.1	.1	.1	.1	.2	.2	.2	.2	.2	.1	.0	.0	.0	.1	.1	.1	23	.6
23	.1	.0	.1	.1	.1	BF	.7	.7	.4	.3	.3	.3	.3	.2	.2	.2	.2	.1	.1	.1	.1	.1	.0	.1	23	.7
24	.0	.0	.0	.0	.0	BF	.6	.5	.2	.2	.2	.2	.2	.2	.2	.3	.3	.2	.1	.1	.1	.0	.1	.1	23	.6
25	.1	.1	.1	.1	.1	BF	.6	.6	.2	.2	.2	.4	.4	.3	.4	.4	1.8	1.0	.3	.3	.2	.2	.2	.1	23	1.8
26	.1	.1	.0	.1	.1	BF	.6	.6	.3	.3	.3	.2	.3	.3	.2	.2	.3	.2	.1	.1	.1	.0	.1	.1	23	.6
27	.0	.0	.0	.0	.0	BF	.6	.5	.2	.4	.4	.4	1.2	.3	.3	.4	.2	.3	.1	.0	.1	.1	.1	.0	23	1.2
28	.1	.0	.0	.0	.1	BF	.6	.5	.2	.2	.3	.2	.3	.4	.4	.2	.3	.2	.1	.1	.1	.1	.0	.0	23	.6
29	.0	.0	.0	.0	.0	BF	.5	.6	.1	.1	.2	.3	.3	.2	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	23	.6
30	.0	.0	.0	.0	.0	BF	.5	.5	.1	.1	.1	.3	.5	.6	.4	.3	.2	.1	.1	.1	.1	.1	.1	.0	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:	8.7	2.2	8.0	5.7	9.1		1.8	.9	.4	.4	.5	.5	1.7	1.4	1.1	1.1	1.8	1.0	.3	.4	.6	1.8	1.2	6.4		
AVG:	.37	.14	.32	.25	.37		.71	.56	.22	.20	.23	.25	.34	.31	.28	.26	.26	.19	.11	.11	.11	.16	.14	.29		

MONTHLY OBSERVATIONS: 690 MONTHLY MEAN: .27 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

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 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.0	.0	.0	.0	.0	BF	.5	.6	.1	.3	.5	.6	.6	.6	.5	.4	.2	.2	.1	.1	.1	.1	.0	.1	23	.6
2	.1	.0	.0	.0	.0	BF	.5	.5	.1	.2	.1	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.5
3	.0	.0	.0	.0	.0	BF	.5	.4	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	23	.5
4	.0	.0	.0	.0	.0	BF	.7	.3	.0	.1	.2	.1	.2	.2	.1	.2	.1	.0	.0	.1	.1	.0	.0	.0	23	.7
5	.0	.0	.0	.0	.0	BF	.7	.4	.1	.3	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.6	.6	.1	1.1	23	1.1
6	1.2	.9	.2	.5	.9	BF	1.3	.9	.8	.7	.7	.5	.4	.3	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	23	1.3
7	.0	.0	.0	.0	.0	BF	.7	.3	.2	.1	.1	.2	.2	.1	.2	.1	.2	.1	.1	.0	.1	.0	.1	.0	23	.7
8	.0	.0	.0	.0	.0	BF	.8	.4	.1	.1	.1	.1	-.1	.0	-.1	-.1	-.1	.0	-.1	.0	-.1	-.1	.0	.0	23	.8
9	-.1	-.1	.0	-.1	-.1	BF	.3	.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.9
10	.0	.0	.0	.0	.0	BF	.8	.4	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.4	1.9	3.7	23	3.7
11	2.2	.8	.6	.5	.4	BF	1.0	1.0	.6	.5	.6	.5	.6	.6	.5	.6	.8	.9	.6	.5	.5	.4	.4	.4	23	2.2
12	.5	.4	2.5	2.2	1.1	BF	2.2	1.9	2.9	3.0	2.2	1.7	1.2	.9	.8	.9	.6	.6	.6	.4	.2	.2	.1	.0	23	3.0
13	.1	.0	.0	.0	.1	BF	.9	.9	.5	.2	.2	.2	.2	.2	.2	.2	.1	.1	3.9	3.0	.2	1.7	.8	2.4	23	3.9
14	.4	5.1	1.5	.4	.4	BF	.8	.9	.4	.3	.4	.3	.3	.3	.3	.5	.3	.5	.5	.3	.3	.4	.3	.2	23	5.1
15	.1	.2	.1	.1	.1	BF	.8	.6	.3	.5	BC	BC	BC	1.5	.9	.8	.7	.6	.7	.6	.7	.7	.7	.6	20	1.5
16	.5	.6	.6	.5	.5	BF	1.2	1.0	.8	.9	.8	.7	.6	.5	.6	.6	.5	.5	.5	.5	.4	.5	.5	.5	23	1.2
17	.4	.4	.4	.4	.4	BF	1.0	1.3	.9	.8	4.9	6.7	3.1	1.4	1.6	1.2	1.0	.9	.8	.8	.6	.6	.6	.5	23	6.7
18	.4	.4	.4	.5	.5	BF	1.0	.9	.5	.6	.9	.9	.8	.8	.7	2.3	1.9	.9	.8	.8	.7	.5	.5	.3	23	2.3
19	.3	.3	.2	.2	.5	BF	.8	.7	.4	.2	.4	.5	.4	.5	.5	.5	.5	.6	.6	1.2	2.0	1.1	.7	.6	23	2.0
20	.6	.6	.5	.5	.5	BF	1.0	.9	.4	.3	.4	.4	.3	.3	.2	.3	.2	.2	.3	.2	.2	.2	.2	.3	23	1.0
21	.2	.2	.3	.2	.2	BF	.8	.8	.4	.4	.5	.6	.6	.6	.6	.6	.8	.7	.4	.3	.3	.2	.3	.3	23	.8
22	.3	.3	.2	.2	.2	BF	1.3	.5	.3	.3	.3	.3	.4	.4	.4	.6	.3	.2	.2	.2	.2	.2	.2	.2	23	1.3
23	.2	.2	.2	.2	.2	BF	1.3	.5	.3	.6	.7	.8	4.2	4.4	2.8	1.7	1.0	.7	.5	.6	.5	.6	.6	3.6	23	4.4
24	1.2	1.0	.7	.5	.5	BF	1.3	.5	.3	.2	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	23	1.3
25	.2	.2	.2	.2	.2	BF	1.2	.4	.2	.2	.3	.4	.3	.3	.3	.3	.2	.2	.3	.2	.2	.3	.3	.4	23	1.2
26	.3	.3	.3	.3	.3	BF	1.4	.6	.4	.5	.6	.5	.5	.5	.4	.4	.5	.3	.3	.2	.3	.3	.2	.3	23	1.4
27	.3	.2	.2	.2	.2	BF	1.3	.5	.3	.3	.3	.3	.3	.3	.2	.3	.3	.3	.2	.2	.3	.3	.3	.6	23	1.3
28	.6	.7	.9	.8	.7	BF	1.6	1.2	1.2	1.1	1.0	.9	.8	.9	.8	.8	.7	.7	.6	.6	.5	.6	.4	.4	23	1.6
29	.4	.5	.5	.8	1.1	BF	1.6	1.0	.9	.9	.9	.8	.6	.6	.6	.5	.6	.5	.5	.5	.4	.4	.4	.4	23	1.6
30	.5	.5	.4	.3	.3	BF	1.4	1.7	1.2	1.5	3.3	5.1	.8	.6	.6	.7	.6	.7	.7	.4	.4	.4	.5	.6	23	5.1
31	.5	.4	.5	.8	.6	BF	1.2	.8	.5	.5	.4	.5	.5	.5	.4	.4	.5	.6	.6	.7	.7	.7	.7	.7	23	1.2
NO.:	31	31	31	31	31		31	31	31	31	30	30	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:	2.2	5.1	2.5	2.2	1.1		2.2	1.9	2.9	3.0	4.9	6.7	4.2	4.4	2.8	2.3	1.9	.9	3.9	3.0	2.0	1.7	1.9	3.7		
AVG:	.37	.45	.37	.33	.32		1.03	.76	.50	.51	.71	.81	.62	.58	.48	.50	.42	.37	.45	.41	.35	.37	.35	.59		

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: .51 MONTHLY MAX: 6.7

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

(42401) Sulfur dioxide

SITE ID: 37-019-0005 POC: 1
COUNTY: (019) Brunswick
CITY: (63400) Southport
SITE ADDRESS: 5538 Rod Grandy Blvd SE, Southport NC 28461
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (170) SOUTHERN COASTAL PLAIN
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 33.942222
LONGITUDE: -78.019167
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 3.6
PROBE HEIGHT: 4.78

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

REPORT FOR: JANUARY 2017

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	.6	.5	.5	.4	.4	.4	.4	.5	.5	.4	.3	.5	.3	.5	.3	.2	.4	.3	.3	23	.6
2	BF	.3	.2	.2	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	23	.3
3	BF	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	23	.2
4	BF	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.3	.2	.2	.2	.1	.1	.2	.2	.2	.3	.4	.3	23	.4
5	BF	.3	.3	.3	.4	.4	.5	.4	.5	2.6	30.3	41.8	27.2	2.7	3.6	3.6	.4	.3	.3	.5	4.2	.5	.4	.3	23	41.8
6	BF	.4	.4	.4	.3	.3	.5	.5	.6	.6	.8	38.2	18.0	27.4	8.0	1.0	.7	.6	.7	.7	.7	.6	.5	.5	23	38.2
7	BF	.5	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.4	.5	.6	.5	.4	.5	.5	23	.6
8	BF	.8	.8	.8	.7	.7	.7	.7	.7	.9	1.0	.9	.8	.8	.8	.9	.8	.7	.7	.7	.7	.6	.6	.5	23	1.0
9	BF	.6	.7	.7	.8	.8	.7	.7	.8	.9	.8	5.7	33.7	39.9	26.4	6.0	.7	.7	.6	.5	.6	.6	.6	.6	23	39.9
10	BF	.8	.7	.6	.6	.5	.5	.6	.6	.6	.6	5.9	BA	3.9	.9	.5	.6	.4	.4	.3	.3	.3	.3	.3	22	5.9
11	BF	.3	.3	.2	.2	.2	.2	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	23	.3
12	BF	.2	.1	.1	.1	.1	.1	.2	.2	.1	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.2
13	BF	.1	.1	.1	.1	.1	.2	.2	.2	.4	.5	.5	.4	.4	.4	.4	.3	.2	.2	.2	.1	.2	.3	.2	23	.5
14	BF	.3	.3	.3	.3	.3	.4	.4	.4	.6	.6	.6	10.0	7.4	4.4	4.3	3.1	.8	.3	.3	.2	.2	.2	.2	23	10.0
15	BF	.2	.2	.2	.2	.2	.2	.2	.2	.3	1.0	6.3	6.1	18.6	6.7	7.2	3.1	3.1	15.2	15.7	2.1	6.0	1.3	.5	23	18.6
16	BF	.4	.3	.2	.9	.4	.5	.3	.3	.3	.3	.3	.3	.3	.4	.3	.3	.3	.4	.3	.2	.3	.4	.5	23	.9
17	BF	.4	.2	.2	.2	.2	.2	.2	.3	.6	.4	.3	.3	.2	.3	.3	.2	.2	.2	.2	.1	.1	.1	.1	23	.6
18	BF	.1	.1	.1	.2	.2	.2	.4	.5	.5	.4	.3	.3	.3	.2	.1	.1	.1	.2	1.2	.6	2.3	4.0	2.7	23	4.0
19	BF	.4	.2	.1	.1	.1	.1	.1	.1	.3	6.4	20.4	28.8	26.4	27.6	12.6	3.1	.9	.7	.6	.4	.3	.2	.2	23	28.8
20	BF	.2	.2	.1	.2	.2	.3	.2	.7	2.2	.7	.4	.3	.3	.2	.3	.2	.3	.2	.1	.1	.1	.1	.1	23	2.2
21	BF	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3	.3	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.3
22	BF	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	1.1	.4	.3	.2	.1	.1	.1	.1	.1	.1	.9	1.9	10.7	23	10.7
23	BF	.6	.3	.1	.2	.1	.1	.1	.1	.2	.3	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	23	.6
24	BF	.2	.1	.1	.1	.1	.1	.1	.1	.2	.3	.3	.2	.2	.2	.2	.2	.3	.2	.2	.2	.2	.2	.2	23	.3
25	BF	.3	.2	.2	.2	.2	.3	.5	.3	.4	.4	.5	3.2	BA	.7	.7	.4	.3	.5	.4	.3	.3	.2	.5	22	3.2
26	BF	.7	.5	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.4	.4	.3	23	.7
27	BF	.4	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.5	.4	.4	.3	.3	.3	.4	.4	.4	23	.5
28	BF	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.4	.4	.4	.4	.6	.6	.5	.5	.5	.5	.5	.4	.5	23	.6
29	BF	.5	.5	.5	.5	.5	.5	.5	.5	.7	.7	.7	.7	.8	.6	.5	.4	.5	.5	.5	.5	.6	.6	.6	23	.8
30	BF	.5	.4	.4	.4	.4	.4	.4	.4	.5	.4	.5	.5	.5	.4	.4	.4	.5	.5	.4	.4	.4	.4	.4	23	.5
31	BF	.4	.4	.4	.6	.6	.6	.7	1.2	.8	.7	.6	.5	.6	.5	.5	.7	.7	.7	.6	.6	.5	.5	.5	23	1.2
NO.:		31	31	31	31	31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31	31		
MAX:		.8	.8	.8	.9	.8	.7	.7	1.2	2.6	30.3	41.8	33.7	39.9	27.6	12.6	3.1	3.1	15.2	15.7	4.2	6.0	4.0	10.7		
AVG:		.37	.30	.28	.31	.29	.31	.32	.36	.52	1.59	4.14	4.50	4.46	2.75	1.38	.61	.44	.83	.85	.49	.59	.51	.73		

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: 1.16 MONTHLY MAX: 41.8

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: 37-019-0005 POC: 1
COUNTY: (019) Brunswick
CITY: (63400) Southport
SITE ADDRESS: 5538 Rod Grandy Blvd SE, Southport NC 28461
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (170) SOUTHERN COASTAL PLAIN
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 33.942222
LONGITUDE: -78.019167
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 3.6
PROBE HEIGHT: 4.78

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

REPORT FOR: FEBRUARY 2017

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	.5	.6	.5	.6	.7	.8	.8	.9	.9	.9	.9	.8	.5	.4	.3	.3	.3	.3	.3	.3	.2	23	.9
2	BF	.3	.3	.4	.4	.3	.3	.2	.5	.6	.5	.5	.4	.4	.5	.7	.6	.6	.5	.4	.3	.3	.3	.3	23	.7
3	BF	.5	4.3	1.8	.7	.6	.7	.6	.6	.6	.4	.5	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	23	4.3
4	BF	.6	.7	.7	.8	.8	.7	.6	.5	.5	.4	7.1	15.0	24.2	31.2	17.4	8.1	.5	.4	.4	.5	5.7	10.6	7.5	23	31.2
5	BF	.6	.5	.5	.5	.5	.5	.4	.4	.4	.7	.7	.5	.5	.5	.5	.6	.6	.5	.4	.4	.3	.3	.3	23	.7
6	BF	.3	.3	.3	.3	.3	.3	.5	.4	AN	AN	AN	AV	AN	.8	AN	.6	.4	.3	.3	.3	.3	.3	.3	17	.8
7	BF	.3	.3	.3	.3	.3	.4	.3	.4	.3	.4	.4	.4	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	23	.4
8	BF	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	23	.2
9	BF	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2	.2	.2	.2	.2	.3	.2	.2	.3	.3	.3	.3	23	.3
10	BF	.3	.3	.3	.3	.3	.3	.3	.6	3.5	23.1	34.0	12.6	8.1	3.2	.6	.6	.5	.5	.4	.4	.4	.4	.4	23	34.0
11	BF	.4	.3	.3	.3	.3	.3	.5	.7	.6	.8	1.2	1.0	.8	.8	.6	.5	.4	.4	.4	.4	.4	.4	.4	23	1.2
12	BF	.4	.4	.3	.2	.2	.2	.3	.4	.6	.6	.6	.6	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	23	.6
13	BF	.2	.2	.2	.2	.2	.3	.4	.3	.4	.4	.4	.5	.4	.4	.6	.4	.4	.4	.3	.3	.3	.3	.3	23	.6
14	BF	.4	.3	.3	.3	.3	.3	.3	.7	1.4	1.4	2.9	1.3	1.2	.9	.6	.5	.5	.3	.3	.3	.3	.3	.3	23	2.9
15	BF	.3	.3	.2	.2	.2	.2	.2	.2	.4	.3	.2	.2	.2	.2	.1	.1	.1	.2	.2	.2	.2	.1	.2	23	.4
16	BF	.2	.2	.2	.2	.2	.2	.2	.2	.4	.4	.5	.5	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	23	.5
17	BF	.4	.5	.4	.3	.3	.4	.3	.4	.5	.4	.4	.4	.4	.5	.5	.5	.4	.3	.3	.3	.3	.3	.3	23	.5
18	BF	.5	.5	.5	.4	.4	.3	.3	.9	1.2	1.2	1.2	1.2	1.4	1.0	.9	.8	.5	.4	.4	.4	.3	.4	.6	23	1.4
19	BF	.7	.4	.4	.3	.2	.3	.3	.4	.4	.4	.4	.5	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	23	.7
20	BF	.2	.2	.2	.2	.2	.2	.3	.5	.7	10.4	8.9	33.5	43.7	22.7	10.1	.9	.9	.6	.7	3.6	4.8	5.7	11.0	23	43.7
21	BF	1.7	.7	.5	.4	.4	.3	.3	.7	1.2	13.9	19.9	10.5	14.5	14.7	15.0	32.8	8.7	3.0	3.4	2.5	.6	.4	.3	23	32.8
22	BF	.4	.3	.3	.2	.2	.1	.2	.2	.2	.2	BA	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	22	.4
23	BF	.2	.1	.1	.2	.1	.2	.2	2.4	25.0	27.1	45.6	39.5	22.6	.5	8.1	14.1	6.0	3.8	.6	.3	.2	.2	.2	23	45.6
24	BF	.2	.2	.1	.1	.2	.1	.1	.2	9.5	9.5	36.2	23.3	18.2	30.9	35.1	4.3	6.3	1.0	.7	.4	.2	.1	.1	23	36.2
25	BF	.2	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	23	.3
26	BF	.3	.2	.3	.3	.2	.2	.3	.3	.3	.3	.4	.4	.3	4.2	.3	.4	.3	.3	.3	.3	.3	.3	.3	23	4.2
27	BF	.3	.3	.3	.3	.3	.3	.3	.4	49.4	32.4	47.1	43.0	12.5	10.7	.9	1.0	.6	.5	.5	.4	.4	.4	.3	23	49.4
28	BF	.4	.3	.4	.4	.3	.3	.3	.5	2.6	.8	.4	.3	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	23	2.6
29																									0	
30																									0	
31																									0	
NO.:		28	28	28	28	28	28	28	28	27	27	26	27	27	28	27	28	28	28	28	28	28	28	28		
MAX:		1.7	4.3	1.8	.8	.8	.7	.7	2.4	49.4	32.4	47.1	43.0	43.7	31.2	35.1	32.8	8.7	3.8	3.4	3.6	5.7	10.6	11.0		
AVG:		.40	.46	.36	.31	.29	.30	.31	.50	3.77	4.72	8.11	6.94	5.66	4.54	3.52	2.48	1.08	.56	.44	.48	.63	.83	.91		

MONTHLY OBSERVATIONS: 637 MONTHLY MEAN: 2.03 MONTHLY MAX: 49.4

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: 37-019-0005 POC: 1
COUNTY: (019) Brunswick
CITY: (63400) Southport
SITE ADDRESS: 5538 Rod Grandy Blvd SE, Southport NC 28461
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (170) SOUTHERN COASTAL PLAIN
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 33.942222
LONGITUDE: -78.019167
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 3.6
PROBE HEIGHT: 4.78

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

REPORT FOR: MARCH 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	.2	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1	.2	.2	.3	.3	.2	.2	.2	.2	.2	.2	.1	23	.3
2	BF	.2	.2	.1	.1	.1	.1	.1	.2	.2	.3	.3	.3	.3	.3	.3	.2	.3	.3	.3	.3	.2	.2	.2	23	.3
3	BF	.3	.3	.3	.3	.3	.3	.3	1.7	9.5	1.2	.5	.5	.5	.5	.4	.5	.6	.5	.5	.5	.4	.4	.5	23	9.5
4	BF	.5	.4	.5	.5	.5	.5	.5	.6	.6	1.2	.6	9.8	3.6	.9	.7	.7	.7	.5	.4	.4	.4	.4	.4	23	9.8
5	BF	.4	.4	.4	.4	.4	.4	.4	.6	3.3	12.8	28.5	15.5	11.1	6.4	5.6	4.9	1.4	.7	.6	.6	.4	.4	.4	23	28.5
6	BF	.4	.4	.3	.3	.3	.4	.5	.4	2.1	.7	.6	.5	.5	.5	.5	.5	.5	.4	.3	.3	.3	.3	.3	23	2.1
7	BF	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.3
8	BF	.2	.2	.2	.2	.2	.2	.2	.2	BL	BL	BL	BL	.2	.2	.2	.2	.2	.1	.1	.1	.1	.2	.1	19	.2
9	BF	.2	.2	.2	.2	.3	.8	.7	.5	.5	.4	.5	.5	.5	.4	.4	.4	.4	.3	.3	.2	.2	.2	.2	23	.8
10	BF	.3	.2	.2	.2	.2	.2	.3	.5	.6	.6	.8	.5	.3	.3	.2	.2	.2	.3	.3	.2	.2	.2	.2	23	.8
11	BF	.3	.3	.3	.4	.4	.4	.4	.4	.5	4.2	10.2	.6	.8	.6	.6	.6	.6	.4	.4	.4	.4	.4	.5	23	10.2
12	BF	.6	.5	.5	.4	1.2	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	23	1.2
13	BF	1.6	11.6	15.8	1.0	.6	.5	.5	.5	.8	.5	1.1	.5	.3	.3	.3	.3	.3	2.0	.6	10.5	5.0	.8	.5	23	15.8
14	BF	.4	.3	.2	.2	.2	.2	.2	.2	.2	.3	.3	.4	.3	.3	.3	.3	.3	.4	.3	.3	.3	.3	.3	23	.4
15	BF	.4	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.6	.6	.6	.6	.5	.4	.4	.5	23	.6
16	BF	.5	.5	.5	.4	.5	.5	.5	.7	.8	.9	.8	.8	.9	1.1	1.0	1.0	.8	.7	.5	.5	.7	.6	.6	23	1.1
17	BF	.6	.6	.5	.7	.7	.8	1.1	1.1	14.9	46.9	11.1	1.1	1.0	1.0	.9	.9	.8	.8	.7	.7	.6	.6	.6	23	46.9
18	BF	.6	.5	.5	.5	.5	.5	.5	.4	.5	.6	.7	.7	.7	.7	.7	.7	.6	.6	.6	.5	.3	.3	.3	23	.7
19	BF	.4	.3	.3	.4	.4	.4	.4	.5	.4	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.3	23	.5
20	BF	.4	.4	.3	.3	.3	.4	.4	.6	1.3	34.9	1.1	1.3	.8	.7	.6	.6	.5	.4	.4	.4	.4	.3	.3	23	34.9
21	BF	.4	.3	.3	.4	.4	.3	.4	.4	.5	.5	BA	.7	.8	.7	.7	.7	.5	.3	.4	.3	.4	.4	.4	22	.8
22	BF	.4	.3	.8	.3	.3	.2	.2	.2	.2	.2	2.3	2.0	11.7	36.0	32.5	43.8	22.1	39.0	63.3	64.6	16.4	3.8	.9	23	64.6
23	BF	.7	.9	1.1	2.1	3.5	1.7	2.9	6.7	7.1	4.0	20.2	19.3	23.7	24.2	23.7	18.0	5.1	.5	1.0	.5	.5	2.0	2.4	23	24.2
24	BF	.8	.5	.4	.4	.4	.4	.4	9.9	16.3	6.2	.5	.4	.3	.3	.3	.3	.3	.4	.4	.3	.3	.3	.3	23	16.3
25	BF	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.3
26	BF	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.3
27	BF	.3	.2	.2	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.3
28	BF	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.4	.5	.4	.4	.3	.3	.3	.3	.2	.2	.2	23	.5
29	BF	.2	.1	.1	.1	.1	.1	.2	.4	.9	1.3	P82.5	48.9	23.2	21.5	44.3	.8	.5	3.0	8.9	16.3	9.9	30.7	18.0	23	82.5
30	BF	3.8	8.9	1.0	.7	.4	.3	2.4	20.7	12.5	13.3	18.4	57.0	P108.	P112.	P86.1	1.4	.8	.6	.4	.4	.3	.3	.2	23	112.1
31	BF	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.4	.4	.4	.3	.2	.2	.3	.2	.2	.2	.2	23	.4
NO.:		31	31	31	31	31	31	31	31	30	30	29	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:		3.8	11.6	15.8	2.1	3.5	1.7	2.9	20.7	16.3	46.9	82.5	57.0	108.0	112.1	86.1	43.8	22.1	39.0	63.3	64.6	16.4	30.7	18.0		
AVG:		.54	.97	.86	.40	.45	.39	.51	1.60	2.53	4.45	6.32	5.46	6.21	6.84	6.56	2.58	1.30	1.77	2.70	3.26	1.30	1.47	.97		

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: 2.57 MONTHLY MAX: 112.1

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

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: 37-019-0005 POC: 1
COUNTY: (019) Brunswick
CITY: (63400) Southport
SITE ADDRESS: 5538 Rod Grandy Blvd SE, Southport NC 28461
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (170) SOUTHERN COASTAL PLAIN
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 33.942222
LONGITUDE: -78.019167
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 3.6
PROBE HEIGHT: 4.78

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

REPORT FOR: APRIL 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	.2	.2	.2	.1	.2	.2	.3	.3	.4	.3	.3	.3	.3	.3	.4	.3	.3	.2	.2	.3	.2	.2	.2	23	.4
2	BF	.3	.2	.2	.3	.3	.3	.6	9.5	13.6	25.1	24.3	31.7	6.6	.5	.5	.4	.4	.4	.4	.4	.3	.3	.3	23	31.7
3	BF	.9	1.5	2.1	.8	1.0	1.9	1.6	.6	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	2.1
4	BF	.2	.2	.2	.2	.2	.3	.3	.4	.4	.4	.4	.4	.4	.4	.3	.3	.3	.2	.2	.2	.2	.2	.2	23	.4
5	BF	.2	.2	.2	.2	.2	.2	.2	.3	.3	.5	.6	.6	.7	.5	.3	.3	.2	.2	.2	.2	.2	.2	.2	23	.7
6	BF	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.2	.2	.2	.3	.3	.3	.3	23	.3
7	BF	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.3	.3	.3	.3	.4	23	.4
8	BF	.4	.3	.3	.3	.4	.4	.6	.6	.6	.6	.6	.8	.6	.6	.7	.6	.5	.5	.4	.4	.4	.4	.3	23	.8
9	BF	.4	.3	.3	.3	.3	.3	.5	1.1	.7	.8	.6	.6	.6	.6	.6	.6	.5	.4	.3	.3	.3	.3	.3	23	1.1
10	BF	.4	.3	.3	.3	.3	.4	.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	23	.4
11	BF	.3	.2	.2	.2	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.3
12	BF	.3	.2	.2	.1	.2	.3	.2	.3	.4	BA	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	22	.4
13	BF	.3	.2	.2	.2	.3	.2	.2	AZ	AZ	AZ	AZ	1.1	1.7	1.5	.7	.5	.4	.2	.2	1.6	16.9	9.8	6.0	19	16.9
14	BF	.7	.4	.4	.3	.2	.3	.4	6.8	21.4	20.6	5.6	.5	.3	.2	.2	.3	.3	.2	.2	.2	.2	.2	.2	23	21.4
15	BF	.2	.2	.2	.2	.2	.2	.3	.2	.3	.2	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.1	23	.3
16	BF	.2	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.1	.1	.1	23	.2
17	BF	.2	.1	.1	.1	.1	.1	.1	.1	.2	.6	.2	.2	.2	.1	.1	.1	.2	.2	.1	.1	.2	.2	.1	23	.6
18	BF	.2	.1	.1	.1	.2	.2	.2	.7	2.3	1.2	4.9	26.8	12.7	57.9	48.5	72.6	39.2	8.5	.8	1.8	1.0	.4	.9	23	72.6
19	BF	.5	.3	.3	.2	.3	.9	9.6	53.9	53.5	44.4	17.8	28.5	13.0	6.6	16.0	41.9	17.5	6.6	2.4	1.3	2.8	.6	.4	23	53.9
20	BF	.3	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3	.3	.2	.2	.2	.2	.2	.2	23	.3
21	BF	.2	.1	.1	.2	.3	.6	.5	.4	.4	.4	.8	1.0	.7	.4	.3	.3	.3	.2	.2	.2	.2	.2	.2	23	1.0
22	BF	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.2	.2	.2	.2	.2	.2	23	.3
23	BF	.2	.1	.2	.1	.1	4.1	1.5	2.0	.7	.4	26.1	57.5	41.0	6.7	5.3	16.0	P81.5	23.1	38.7	23.8	3.7	9.7	.9	23	81.5
24	BF	.8	4.1	.8	.5	.3	.2	.2	.2	.2	2.5	.6	2.4	2.1	.5	.4	.3	.3	.2	.2	.2	.2	.3	.4	23	4.1
25	BF	.3	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.3
26	BF	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.4	.3	.3	.3	.4	.4	.3	.3	.3	.2	.3	23	.4
27	BF	.2	.2	.1	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3	.2	.2	.3	.3	23	.3
28	BF	.4	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.1	23	.4
29	BF	.3	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.3	.2	.2	.3	.2	.2	.2	.2	.2	.2	23	.3
30	BF	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	23	.3
31																									0	
NO.:		30	30	30	30	30	30	30	29	29	28	29	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:		.9	4.1	2.1	.8	1.0	4.1	9.6	53.9	53.5	44.4	26.1	57.5	41.0	57.9	48.5	72.6	81.5	23.1	38.7	23.8	16.9	9.8	6.0		
AVG:		.33	.38	.29	.23	.25	.45	.68	2.78	3.41	3.62	2.99	5.21	2.84	2.70	2.61	4.62	4.86	1.49	1.60	1.15	1.01	.89	.46		

MONTHLY OBSERVATIONS: 685 MONTHLY MEAN: 1.94 MONTHLY MAX: 81.5

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

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: 37-019-0005 POC: 1
COUNTY: (019) Brunswick
CITY: (63400) Southport
SITE ADDRESS: 5538 Rod Grandy Blvd SE, Southport NC 28461
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (170) SOUTHERN COASTAL PLAIN
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 33.942222
LONGITUDE: -78.019167
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 3.6
PROBE HEIGHT: 4.78

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

REPORT FOR: MAY 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	.3	.2	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.3
2	BF	.3	.2	.2	.2	.2	.2	.3	.3	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.1	23	.3
3	BF	.2	.2	.2	.2	.2	.2	.4	.4	.4	.5	.4	.4	.4	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	23	.5
4	BF	.3	.3	.2	.2	.2	.4	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	23	.4
5	BF	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.3	.2	.2	.2	.1	.1	.1	23	.3
6	BF	.2	.2	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.2
7	BF	.3	.2	.2	.2	.2	.3	.3	.3	.3	.2	.2	.2	.2	.3	.4	.3	.3	.3	.3	.3	.3	.3	.2	23	.4
8	BF	.3	.3	.3	.3	.3	.4	.4	.4	.4	.5	.4	.4	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	23	.5
9	BF	.4	.3	.3	.2	.3	.4	.4	.6	.5	.5	.6	2.1	.7	.5	.5	.4	.4	.4	.3	.2	.2	.2	.3	23	2.1
10	BF	.3	.2	.2	.2	.2	.2	.2	.4	.5	1.6	BA	.7	.6	.6	.5	.5	.4	.3	.3	.2	.3	.2	.2	22	1.6
11	BF	.3	.2	.3	.2	.2	.3	.4	.4	.4	.4	.5	.5	.5	.4	.4	.5	.5	.2	.2	.2	.2	.2	.2	23	.5
12	BF	50.9	32.5	39.3	28.2	9.4	4.5	1.1	.4	.9	.3	.2	9.6	20.2	13.8	19.8	5.5	2.9	.6	.3	.3	.3	.3	.2	23	50.9
13	BF	.3	.2	.2	.2	.2	.5	2.7	.7	.5	.2	.2	.3	.2	.2	.2	.2	.2	.1	.1	.1	.2	.2	.2	23	2.7
14	BF	.2	.2	.1	.1	.1	.2	.3	.2	21.7	2.6	1.2	.8	.4	.3	.3	.3	.2	.3	.2	.2	.3	.3	.3	23	21.7
15	BF	.3	.4	.7	.6	.5	.4	.5	.4	.4	.5	.5	.5	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	23	.7
16	BF	.4	.4	.5	.6	.6	.6	.6	.7	.7	.7	.6	.6	.8	1.0	.9	.7	.5	.3	.3	.3	.3	.2	.2	23	1.0
17	BF	.3	.2	.2	.1	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	23	.3
18	BF	.3	.2	.2	.2	.1	.2	.3	.3	.3	.3	.2	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.3
19	BF	.2	.2	.2	.2	.1	.1	.2	.2	.2	.2	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	23	.3
20	BF	.2	.1	.1	.2	.1	.2	.2	.4	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.1	.1	23	.4
21	BF	.2	.1	.1	.2	.2	.3	2.8	22.9	8.1	4.2	5.2	6.5	4.6	2.7	4.0	2.6	.8	.3	.3	.3	.2	.2	.2	23	22.9
22	BF	.3	.2	.1	.1	.2	.2	.2	.2	.2	.3	.3	.2	.2	.3	.3	.2	.2	.2	.2	.2	.2	.1	.2	23	.3
23	BF	.3	.2	.2	.2	.1	.2	.1	.1	.1	.2	.3	.2	.2	.3	.2	.2	.2	.2	.1	.1	.1	.1	.1	23	.3
24	BF	.2	.2	.2	.2	.1	.2	.2	.3	.4	.3	.3	.3	.2	.3	.2	.2	.2	.2	.1	.1	.2	.1	.2	23	.4
25	BF	.3	.2	.1	.2	.2	.2	.3	.3	.3	.3	.3	.5	.3	.2	.2	.2	.2	.2	.3	.2	.2	.2	.3	23	.5
26	BF	.4	.3	.3	.3	.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.4	.3	.2	.2	.2	.2	.1	23	.4
27	BF	.2	.2	.2	.3	.3	.3	.3	.6	.6	.8	.7	.8	.7	.6	.5	.6	.4	.4	.4	.3	.2	.3	.3	23	.8
28	BF	.3	.2	.2	.2	.2	.4	.5	.6	.6	.6	.6	.6	.5	.5	.4	.5	.5	.4	.3	.3	.3	.2	.2	23	.6
29	BF	.4	.3	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.4	.3	.4	.4	.4	.3	.3	.3	.3	.3	23	.4
30	BF	.3	.2	.3	.2	.2	.3	.3	.4	.5	.5	.7	.6	.5	.5	.5	.4	.4	.4	.4	.4	.4	.5	.3	23	.7
31	BF	.4	.3	.2	.2	.3	.3	.3	.3	.3	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	23	.4
NO.:		31	31	31	31	31	31	31	31	31	31	30	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		50.9	32.5	39.3	28.2	9.4	4.5	2.8	22.9	21.7	4.2	5.2	9.6	20.2	13.8	19.8	5.5	2.9	.6	.4	.4	.4	.5	.3		
AVG:		1.92	1.27	1.48	1.12	.51	.42	.48	1.08	1.31	.59	.54	.93	1.14	.86	1.08	.57	.41	.28	.24	.22	.23	.21	.20		

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .74 MONTHLY MAX: 50.9

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: 37-019-0005 POC: 1
COUNTY: (019) Brunswick
CITY: (63400) Southport
SITE ADDRESS: 5538 Rod Grandy Blvd SE, Southport NC 28461
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (170) SOUTHERN COASTAL PLAIN
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 33.942222
LONGITUDE: -78.019167
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 3.6
PROBE HEIGHT: 4.78

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

REPORT FOR: JUNE 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	.3	.2	.2	.2	.1	.2	.5	.4	.3	.4	.4	.4	.4	.5	.5	.4	.3	.3	.3	.2	.2	.2	.2	23	.5
2	BF	.3	.2	.3	.3	.2	.3	.3	.3	.3	.3	.3	.4	.4	.3	.3	.3	.3	.3	.2	.2	.2	.2	.1	23	.4
3	BF	.3	.2	.1	.2	.2	.2	1.3	.5	.4	2.2	.4	.4	.6	.5	.4	.3	.3	.3	.3	.2	.2	.2	.2	23	2.2
4	BF	.3	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3	.3	.3	.3	23	.3
5	BF	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.3	.4	.3	.3	.3	.4	.3	.3	.3	.3	.3	.3	23	.4
6	BF	.5	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.4	.3	.4	.4	.3	.3	.3	.3	.3	.3	.2	.2	23	.5
7	BF	.4	.3	.2	.3	.2	.3	.3	BA	.3	BA	.5	2.6	.6	4.4	1.3	9.4	.7	.4	.3	.3	.3	.2	.2	21	9.4
8	BF	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	23	.4
9	BF	.4	.3	.3	.3	.3	.3	.4	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	23	.4
10	BF	.4	.3	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	23	.4
11	BF	.4	.2	.2	.2	.2	.2	.3	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	.3	23	.4
12	BF	.4	.3	.2	.2	.2	.3	.3	2.9	52.9	4.8	.9	.5	.7	.3	.3	.3	.3	.3	.3	.2	.3	.2	.2	23	52.9
13	BF	.3	.3	.2	.2	.2	.2	.2	.3	1.2	1.2	.4	.3	.3	.3	.3	.2	.2	.2	.2	.2	.3	.2	.2	23	1.2
14	BF	.3	.2	.2	.2	.3	.4	.4	.4	.5	.5	.7	.7	.7	.6	.6	.5	.5	.5	.4	.3	.3	.4	.3	23	.7
15	BF	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.5	.3	.3	.7	.4	.4	.3	.3	.3	.3	.3	23	.7
16	BF	.5	.4	.3	.3	.3	.4	.4	.4	.4	.3	.3	.4	.5	.5	.4	.3	.3	.3	.3	.3	.3	.3	.3	23	.5
17	BF	.5	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	23	.5
18	BF	.5	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	.3	.3	.2	.2	.3	.3	23	.5
19	BF	.4	.3	.2	.3	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3	.2	.2	23	.4
20	BF	.5	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3	.3	.3	.3	.2	23	.5
21	BF	.5	.3	.3	.2	.3	.3	.2	.3	.3	.3	.3	.3	.3	.5	.4	.3	.3	.3	.3	.3	.3	.3	.3	23	.5
22	BF	.5	.3	.3	.3	.3	.2	.2	.3	.3	.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	23	.5
23	BF	.8	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	23	.8
24	BF	.6	.3	.3	.3	.2	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	23	.6
25	BF	.7	.4	.4	.3	.3	.4	.3	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3	.2	.2	.2	23	.7
26	BF	.4	.3	.2	.2	.2	.3	.3	.4	.4	.4	.4	.4	.4	4.2	30.0	8.7	9.3	.7	.4	.4	.3	.3	.3	23	30.0
27	BF	.4	.3	.3	.3	.3	.3	.3	.4	.5	.7	.5	.8	2.4	1.0	.9	.5	.5	.4	.3	.3	.3	.3	.3	23	2.4
28	BF	.5	.4	.4	.5	.7	.6	.6	1.7	20.1	18.1	36.9	32.2	13.5	.9	.5	.5	.4	.5	.5	.5	.4	.4	.3	23	36.9
29	BF	.5	.4	.3	.3	.3	.4	.4	16.8	34.3	20.5	1.0	.6	.5	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	23	34.3
30	BF	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	.3	.3	.3	.3	.3	.3	.3	.2	23	.4
31																									0	
NO.:		30	30	30	30	30	30	30	29	30	29	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:		.8	.4	.4	.5	.7	.6	1.3	16.8	52.9	20.5	36.9	32.2	13.5	4.4	30.0	9.4	9.3	.7	.5	.5	.4	.4	.3		
AVG:		.44	.30	.27	.28	.27	.30	.36	1.04	3.91	1.90	1.62	1.52	.90	.66	1.38	.92	.64	.33	.30	.29	.28	.27	.25		

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: .80 MONTHLY MAX: 52.9

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: 37-019-0005 POC: 1
COUNTY: (019) Brunswick
CITY: (63400) Southport
SITE ADDRESS: 5538 Rod Grandy Blvd SE, Southport NC 28461
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (170) SOUTHERN COASTAL PLAIN
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 33.942222
LONGITUDE: -78.019167
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 3.6
PROBE HEIGHT: 4.78

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

REPORT FOR: JULY 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	.6	.3	.3	.3	.3	.2	.3	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	23	.6
2	BF	.7	.3	.3	.3	.3	.3	.3	.2	.3	.4	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	.2	.3	.3	23	.7
3	BF	.7	.3	.3	.3	.3	.5	.6	.5	.5	.4	.4	.5	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	23	.7
4	BF	.7	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	23	.7
5	BF	.7	.3	.3	.3	.3	.3	.3	.4	.4	BA	.8	.7	.8	.8	.6	.5	.4	.3	.4	.4	.3	.3	.3	22	.8
6	BF	.5	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.5	.6	.5	.4	.3	.3	.3	.3	.3	.3	23	.6
7	BF	.7	.3	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	23	.7
8	BF	.7	.4	.3	.3	.2	.2	.3	.4	.6	.6	.7	.7	.6	.5	.4	.4	.3	.3	.3	.3	.3	.3	.3	23	.7
9	BF	.5	.4	.3	.3	.2	.2	.3	.3	.3	.5	.6	.5	.4	.3	.3	.4	.4	.4	.4	.3	.4	.3	.3	23	.6
10	BF	.5	.3	.3	.3	.3	.2	.3	.4	.4	.4	.4	.4	.4	.6	2.6	.5	.4	.3	.3	.3	.3	.3	.3	23	2.6
11	BF	.6	.4	.3	.3	.3	.3	.4	.4	.6	.6	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3	23	.6
12	BF	.6	.3	.3	.3	.3	.3	.3	.4	.6	.6	.5	.4	.3	.3	.3	.3	.3	.3	.2	.3	.2	.2	.2	23	.6
13	BF	.6	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3	.3	.2	.2	.2	.2	.2	.2	23	.6
14	BF	.6	.3	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.4	.4	.3	.3	.2	.2	.2	.2	.2	.2	.2	23	.6
15	BF	.5	.3	.2	.2	.2	.2	.3	.4	.4	.5	.5	.4	.4	.5	.4	.3	.3	.2	.2	.2	.2	.3	.2	23	.5
16	BF	.5	.2	.2	.2	.2	.1	.2	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	23	.5
17	BF	.4	.2	.1	.2	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.4
18	BF	.4	.2	.2	.2	.2	.2	.2	.2	.3	.7	.5	.4	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.7
19	BF	.4	.2	.2	.1	.2	.2	.2	.3	.4	4.4	18.8	2.4	2.3	.6	.3	.3	.4	.4	.2	.2	.2	.2	.1	23	18.8
20	BF	.4	.2	.2	.2	.1	.2	.3	.3	.3	.3	.4	.4	.3	.3	.3	.4	.3	.3	.2	.2	.2	.2	.2	23	.4
21	BF	.4	.2	.2	.2	.2	.3	.4	.5	.5	.5	.5	.5	.5	.5	.4	.3	.2	.2	.2	.2	.2	.2	.3	23	.5
22	BF	.5	.3	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.5
23	BF	.4	.3	.2	.2	.2	.2	.2	.2	.2	.3	.3	.4	.3	.3	.3	.2	.2	.2	.2	.2	.3	.2	.2	23	.4
24	BF	.6	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	23	.6
25	BF	.5	.3	.3	.2	.2	.2	.3	.3	.3	.4	.4	.4	.4	.5	.4	.4	.4	.3	.3	.2	.2	.2	.2	23	.5
26	BF	.7	.4	16.4	54.1	64.5	6.8	6.0	4.9	.6	.4	.5	1.1	1.3	11.3	21.3	13.2	15.2	19.6	7.2	1.4	.5	.4	.3	23	64.5
27	BF	.5	.4	.3	.2	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	23	.5
28	BF	.4	.2	.2	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.2	.3	.3	.3	.2	23	.4
29	BF	.5	.3	.3	.2	.3	.3	.3	.3	.2	.3	.2	.2	.2	.2	.3	.3	.2	.2	.2	.2	.2	.2	.2	23	.5
30	BF	.3	.2	.2	.2	.2	.2	.2	.2	.2	.3	3.2	27.4	60.0	73.6	28.1	32.6	9.7	.4	.4	.3	.3	.3	.3	23	73.6
31	BF	.4	.3	.2	.3	.3	.4	.3	.3	.3	1.4	17.3	24.9	55.5	53.6	61.0	55.6	27.0	17.9	3.9	24.2	19.8	1.4	.5	23	61.0
NO.:		31	31	31	31	31	31	31	31	31	30	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		.7	.4	16.4	54.1	64.5	6.8	6.0	4.9	.6	4.4	18.8	27.4	60.0	73.6	61.0	55.6	27.0	19.6	7.2	24.2	19.8	1.4	.5		
AVG:		.53	.29	.77	1.99	2.32	.47	.48	.46	.35	.56	1.63	2.14	4.15	4.80	3.93	3.56	1.94	1.46	.60	1.06	.89	.29	.25		

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: 1.52 MONTHLY MAX: 73.6

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: 37-019-0005 POC: 1
COUNTY: (019) Brunswick
CITY: (63400) Southport
SITE ADDRESS: 5538 Rod Grandy Blvd SE, Southport NC 28461
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (170) SOUTHERN COASTAL PLAIN
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 33.942222
LONGITUDE: -78.019167
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 3.6
PROBE HEIGHT: 4.78

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

REPORT FOR: AUGUST 2017

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	.3	.3	.2	.3	.3	.4	.9	1.0	8.2	14.2	28.5	42.1	30.6	4.5	7.3	.5	.3	.3	.3	.3	.3	23	42.1
2	BF	.3	.2	.2	.2	.2	.3	.3	.3	8.0	BA	31.5	14.9	7.4	21.9	.5	.4	.3	.4	.3	.3	.2	.2	.3	22	31.5
3	BF	.3	.2	.3	.3	.2	.2	.2	.2	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.3
4	BF	.4	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.4
5	BF	.5	.3	.3	.3	.2	.2	.2	.2	.3	.2	.2	.2	.2	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	23	.5
6	BF	.5	.3	.2	.2	.2	.2	.2	.3	8.5	.9	.6	.4	.3	.5	.4	.4	.3	.3	.3	.3	.3	.3	.2	23	8.5
7	BF	.7	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.7
8	BF	.7	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.4	.4	.3	.2	23	.7
9	BF	.5	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	1.5	.9	.6	23	1.5
10	BF	.5	.3	.2	.3	.3	.3	.3	.3	.3	.4	9.7	1.5	.4	.4	.4	.4	1.8	.7	.3	.2	.2	.2	.1	23	9.7
11	BF	.5	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.5
12	BF	.5	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.2	23	.5
13	BF	.7	.3	.3	.3	.3	.2	.2	.3	.3	.3	.3	.2	.5	.4	.3	.3	.3	.3	.3	.3	.2	.2	.2	23	.7
14	BF	.8	.3	.2	.2	.2	.2	.3	.3	.2	.2	.2	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.8
15	BF	.6	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.2	.2	.2	.2	.2	.2	23	.6
16	BF	.8	.3	.2	.2	.2	.2	.2	.3	.2	.3	.4	.4	.5	.4	.4	1.1	.3	.3	.2	.2	.2	.2	.2	23	1.1
17	BF	.7	.4	.3	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.4	.3	.3	.3	.2	.2	.3	.3	.3	.3	23	.7
18	BF	.8	.4	.3	.2	.3	.2	.2	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.3	.3	.2	.3	23	.8
19	BF	1.3	.4	.3	.3	.2	.3	.3	.3	.3	.2	.3	.2	.2	.2	.2	.2	.4	.3	.3	.2	.2	.2	.2	23	1.3
20	BF	.9	.4	.3	.3	.3	.2	.2	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.9
21	BF	.7	.4	.3	.3	.3	.3	.3	3.4	.9	1.8	14.9	5.8	1.0	.5	.4	.4	.3	.3	.3	.3	.3	.3	.3	23	14.9
22	BF	.8	.4	.3	.3	.3	.3	.3	.3	.6	.5	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3	.2	.3	.3	23	.8
23	BF	.7	.4	.3	.3	.4	.4	.4	.7	.7	.8	.8	.7	.7	.7	.6	.6	.5	.4	.4	.4	.3	.2	.2	23	.8
24	BF	.6	.4	.3	.3	.3	.3	.3	.3	.3	.3	1.1	.5	.5	.4	.4	.4	.3	.3	.2	.2	.2	.3	.2	23	1.1
25	BF	.5	.3	.2	.2	.2	.2	.3	.3	.3	5.6	1.8	6.3	13.2	18.6	27.7	45.4	2.3	1.5	2.1	5.0	12.6	3.1	1.8	23	45.4
26	BF	.7	.4	.3	.3	.3	.3	.3	.3	.4	2.3	7.2	13.4	48.4	47.1	P93.9	P97.2	24.7	12.3	4.9	.8	.6	1.9	15.4	23	97.2
27	BF	21.4	3.3	.6	.4	.4	.4	.4	.4	1.8	2.4	19.1	20.9	38.0	36.1	60.7	56.4	16.3	1.1	.6	.6	.5	.4	.4	23	60.7
28	BF	.6	.4	.4	.4	.4	.4	.4	.5	.8	.5	2.1	12.4	1.6	.8	.4	.3	.4	.3	.3	.3	.3	.3	.3	23	12.4
29	BF	.5	.3	.4	.3	.3	.2	.3	.2	.3	BA	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	22	.5
30	BF	.4	.3	.3	.3	.3	.2	.3	.3	.3	.3	.3	1.0	1.3	1.4	1.3	.8	.6	.5	.4	.3	.3	.3	.2	23	1.4
31	BF	.4	.3	.3	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	23	.4
NO.:		31	31	31	31	31	31	31	31	31	29	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		21.4	3.3	.6	.4	.4	.4	.4	3.4	8.5	5.6	31.5	20.9	48.4	47.1	93.9	97.2	24.7	12.3	4.9	5.0	12.6	3.1	15.4		
AVG:		1.28	.41	.28	.26	.25	.25	.26	.39	.91	.72	3.29	3.12	4.72	5.66	7.16	6.86	1.93	.75	.48	.44	.70	.42	.78		

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: 1.80 MONTHLY MAX: 97.2

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

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: 37-019-0005 POC: 1
COUNTY: (019) Brunswick
CITY: (63400) Southport
SITE ADDRESS: 5538 Rod Grandy Blvd SE, Southport NC 28461
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (170) SOUTHERN COASTAL PLAIN
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 33.942222
LONGITUDE: -78.019167
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 3.6
PROBE HEIGHT: 4.78

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

REPORT FOR: SEPTEMBER 2017

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	.3	.3	.3	.3	.2	.3	.7	.5	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	23	.7
2	BF	.7	.4	.3	.3	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3	.3	.2	23	.7
3	BF	.5	.3	.3	.3	.3	.2	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	.2	.3	.3	23	.5
4	BF	.5	.3	.3	.3	.3	.3	.3	.4	.6	.5	.5	.4	.4	.4	.4	.3	.4	.4	.3	.4	.3	.3	.3	23	.6
5	BF	.5	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3	.3	.3	.3	23	.5
6	BF	.6	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3	.3	.3	.2	.2	.2	.2	.2	23	.6
7	BF	.4	.3	.3	.3	.3	.3	.3	.3	.4	.4	.3	.3	.5	.4	.3	.7	.6	.4	.3	.3	.3	.3	.3	23	.7
8	BF	.5	.3	.3	.3	.3	.3	.4	.4	.4	.4	.6	34.5	38.3	63.9	40.3	36.9	5.5	1.1	.4	.4	.4	.4	.4	23	63.9
9	BF	.5	.4	.4	.4	.4	.4	.5	.7	.6	5.8	1.1	.6	.7	.4	.4	.4	.4	.4	2.2	2.0	.5	.4	.4	23	5.8
10	BF	.5	.4	.4	.5	.5	.5	.5	.5	.7	.6	.4	1.8	.6	.6	.6	.6	.6	.4	.4	.4	.4	.3	.5	23	1.8
11	BF	.5	.3	.3	.4	13.2	74.0	P99.6	55.1	37.4	17.2	20.7	13.6	24.8	17.7	3.0	15.4	8.3	2.7	1.3	1.0	1.0	.5	.3	23	99.6
12	BF	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	23	.4
13	BF	.5	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.5	.5	.4	.4	.3	.3	.3	.3	.3	23	.5
14	BF	.5	.3	.3	.3	.3	.3	.3	AV	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	22	.5
15	BF	.5	.3	.3	.3	.2	.3	.3	.3	.3	3.3	5.8	2.2	.8	.8	.5	.4	.4	.3	.3	.3	.3	.3	.3	23	5.8
16	BF	.5	.3	.3	.3	.3	.3	.3	.5	3.3	4.7	7.2	23.7	24.1	19.1	8.8	22.3	3.3	.8	1.1	.6	.3	.3	.3	23	24.1
17	BF	.5	.3	.3	.3	.3	.3	.3	.3	.3	.3	.5	.6	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	23	.6
18	BF	.4	.3	.3	.3	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.3	.3	.3	.3	.3	.3	23	.4
19	BF	.4	.3	.3	.3	.3	.3	.3	.3	.4	.4	.5	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	23	.5
20	BF	.4	.3	.3	.3	.4	.3	.3	.3	.4	.4	.4	.5	.6	.5	.5	.5	.4	.3	.3	.3	.3	.3	.3	23	.6
21	BF	.4	.3	.3	.3	.3	.3	.3	.5	.6	.4	.7	1.1	.8	.8	.7	.5	.7	3.8	1.0	.4	.3	.3	.3	23	3.8
22	BF	.4	.3	.3	.3	.3	.3	.3	.4	11.7	24.1	19.3	12.9	1.4	.7	.5	.5	.4	.4	.3	.3	.3	.3	.3	23	24.1
23	BF	.4	.3	.3	.3	.3	.3	.3	.4	.4	.4	4.0	1.5	5.6	4.6	.9	1.3	.9	.5	.5	.4	.3	.3	.3	23	5.6
24	BF	.5	.5	.4	.3	.3	.3	.3	.3	.3	.4	10.0	6.5	15.3	3.2	2.1	.7	.5	.4	.3	.3	.3	.3	.3	23	15.3
25	BF	.6	.6	.5	.4	.3	.3	.3	.3	.3	.3	.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	23	.6
26	BF	.5	.3	.3	.3	.3	.3	.3	.3	.3	BC	BC	BC	.5	.4	.4	.3	.3	.3	.4	.3	.3	.3	.3	20	.5
27	BF	.5	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	23	.5
28	BF	.4	.3	.3	.3	.3	.3	.3	.6	.7	.6	.7	.6	.5	.7	.9	.5	1.0	1.0	.5	.4	.3	.3	.3	23	1.0
29	BF	.6	.4	.4	.4	27.9	36.4	71.4	52.7	37.7	19.0	20.3	12.0	11.1	5.1	8.9	1.9	2.3	4.2	2.4	2.3	.7	.7	.5	23	71.4
30	BF	.6	.5	.4	.4	.4	.4	.4	.4	.5	2.8	1.5	24.6	32.5	35.4	58.3	35.4	6.3	.8	.5	.5	.5	.5	.5	23	58.3
31																									0	
NO.:		30	30	30	30	30	30	30	29	30	29	29	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:		.7	.6	.5	.5	27.9	74.0	99.6	55.1	37.7	24.1	20.7	34.5	38.3	63.9	58.3	36.9	8.3	4.2	2.4	2.3	1.0	.7	.5		
AVG:		.49	.34	.32	.32	1.66	3.97	6.00	4.06	3.35	2.94	3.38	4.82	5.46	5.29	4.39	4.09	1.21	.74	.54	.48	.35	.33	.32		

MONTHLY OBSERVATIONS: 686 MONTHLY MEAN: 2.38 MONTHLY MAX: 99.6

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

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: 37-019-0005 POC: 1
COUNTY: (019) Brunswick
CITY: (63400) Southport
SITE ADDRESS: 5538 Rod Grandy Blvd SE, Southport NC 28461
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (170) SOUTHERN COASTAL PLAIN
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 33.942222
LONGITUDE: -78.019167
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 3.6
PROBE HEIGHT: 4.78

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

REPORT FOR: OCTOBER 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	.6	.5	.5	.5	.4	.4	.5	.5	1.4	.5	.5	.6	2.7	.5	.6	.5	.4	.4	.4	.4	.4	.4	.4	23	2.7
2	BF	.5	.4	.4	.4	.4	.4	.4	.4	.5	.9	3.6	4.7	24.2	33.0	56.6	42.3	33.5	25.7	29.5	8.9	1.0	.7	.6	23	56.6
3	BF	.6	.5	.4	.4	.4	.4	.4	.5	.6	.6	7.2	16.7	24.8	9.5	9.0	2.1	9.2	19.9	13.7	1.3	.7	.6	.5	23	24.8
4	BF	.6	.4	.4	.4	.4	.4	.4	.5	.5	.4	1.7	20.4	1.4	1.0	.6	.5	.4	.4	.3	.3	.3	.3	.3	23	20.4
5	BF	.4	.4	.4	.3	.3	.3	.3	.3	.4	11.4	16.0	19.4	17.6	18.5	38.4	5.1	1.3	.6	.5	.4	.3	.4	.4	23	38.4
6	BF	.5	.4	.3	.4	.4	.3	.4	.4	3.9	5.9	20.6	41.7	24.9	22.0	37.0	13.3	2.2	.8	.6	.5	.5	.4	.4	23	41.7
7	BF	.6	.4	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.3	.3	.4	.4	.3	23	.6
8	BF	.6	.4	.4	.4	.4	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	23	.6
9	BF	.6	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.3	.4	.4	.3	.4	.3	.4	.4	.4	23	.6
10	BF	.7	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.3	.4	.3	23	.7
11	BF	.6	.4	.4	.4	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.4	.4	.4	.4	.4	.4	.4	23	.6
12	BF	.6	.4	.4	.4	.4	.5	.4	.4	.5	.5	.7	.6	.5	.4	.4	.4	.4	.4	.4	.5	.6	2.9	10.5	23	10.5
13	BF	1.2	.6	.5	.5	.4	.4	.4	.4	.4	.6	.5	6.3	9.7	1.0	.5	.5	.4	.4	.4	.4	.4	.3	.3	23	9.7
14	BF	.6	.4	.4	.3	.4	.4	.4	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.4	.4	.4	23	.6
15	BF	.5	.4	.4	.4	.4	.4	.5	.6	2.7	.6	.6	.6	.9	1.3	.7	.5	.5	.4	.4	.3	.4	.4	.3	23	2.7
16	BF	.5	.4	.3	.3	.3	.3	.3	.4	.6	.5	.5	.5	.4	.4	.4	.3	.3	.4	.4	.4	.4	.4	.4	23	.6
17	BF	.6	.5	.5	.4	.5	.4	.4	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	23	.6
18	BF	.5	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	1.7	2.4	.7	.6	.7	.5	.4	.4	.4	.4	.4	.4	23	2.4
19	BF	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	1.7	2.6	6.6	6.4	5.4	.5	.4	.4	.4	.3	.3	.3	23	6.6
20	BF	.5	.4	.3	.3	.4	.4	.4	.5	.8	.8	.6	.8	1.1	.8	.8	.8	.4	.4	.3	.3	.3	.3	.4	23	1.1
21	BF	.5	.4	.4	.4	.4	.4	.4	.5	.9	13.6	18.2	11.8	7.4	5.8	2.7	1.0	.6	.4	.4	.4	.4	.4	.4	23	18.2
22	BF	.5	.3	.3	.3	.3	.3	.3	.3	18.5	20.8	23.2	7.7	8.5	3.5	7.3	1.0	.6	.5	.4	.4	.4	.4	.4	23	23.2
23	BF	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	23	.5
24	BF	.5	.3	.3	.3	.4	.3	.3	.3	.3	BA	BA	.4	.4	.5	.5	.5	.4	.4	.3	.3	.3	.3	.3	21	.5
25	BF	.5	.3	.3	.3	.3	.4	.4	.5	.6	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	23	.6
26	BF	.5	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4	23	.5
27	BF	.5	.4	.4	.4	.4	.5	.6	.5	.6	3.2	1.4	1.6	1.2	.9	.7	.7	.5	.4	.4	.4	.4	.4	.4	23	3.2
28	BF	.5	.4	.4	.4	.4	.4	.4	.5	.5	.4	.4	.3	.3	.3	.4	.4	.4	.3	.4	.4	.4	.4	.4	23	.5
29	BF	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.4	.3	.3	.3	.4	.4	.4	23	.4
30	BF	.5	.4	.4	.4	.4	.5	.5	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.4	.4	23	.6
31	BF	.5	.5	.5	.4	.5	.5	.5	.6	.7	.8	.9	1.0	1.1	1.1	1.0	.9	.5	.4	.4	.4	.4	.4	.4	23	1.1
NO.:		31	31	31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		1.2	.6	.5	.5	.5	.5	.6	.6	18.5	20.8	23.2	41.7	24.9	33.0	56.6	42.3	33.5	25.7	29.5	8.9	1.0	2.9	10.5		
AVG:		.55	.41	.39	.38	.40	.39	.41	.44	1.29	2.25	3.42	4.63	4.42	3.63	5.46	2.64	1.86	1.85	1.76	.68	.42	.48	.71		

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: 1.69 MONTHLY MAX: 56.6

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: 37-019-0005 POC: 1
COUNTY: (019) Brunswick
CITY: (63400) Southport
SITE ADDRESS: 5538 Rod Grandy Blvd SE, Southport NC 28461
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (170) SOUTHERN COASTAL PLAIN
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 33.942222
LONGITUDE: -78.019167
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 3.6
PROBE HEIGHT: 4.78

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

REPORT FOR: NOVEMBER 2017

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	.4	.4	.4	.4	.5	.8	29.0	43.0	30.4	2.6	13.2	23.7	3.9	.8	.6	.5	.4	.4	.4	.4	23	43.0
2	BF	.5	.4	.4	.4	.4	.4	.4	.4	.4	8.5	1.0	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	23	8.5
3	BF	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.6	.9	.7	.5	.4	.4	.4	.4	.4	.4	.4	23	.9
4	BF	.5	.4	.4	.4	.4	.4	.4	.4	.5	.8	.6	1.0	2.2	2.8	4.9	1.6	5.0	1.4	.7	.5	.5	.4	.4	23	5.0
5	BF	.5	.4	.4	.4	.4	.4	.4	.4	.3	.4	3.3	22.0	34.3	6.3	10.2	7.2	1.2	.6	.5	.5	.4	.4	.4	23	34.3
6	BF	.5	.4	.4	.4	.4	.4	.4	.4	.8	1.2	1.3	2.5	1.7	.6	.5	.4	.4	.4	.4	.4	.4	.4	.4	23	2.5
7	BF	.5	.4	.4	.4	.4	.5	.5	.4	.5	1.0	1.1	.9	.9	1.1	.8	.6	.5	.5	.4	.4	.4	.4	.4	23	1.1
8	BF	.6	.5	.4	.4	.4	.4	.4	.4	.4	.4	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	23	.6
9	BF	.5	.5	.4	.4	.4	.4	.4	.5	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.5	.5	.4	.4	.4	23	.5
10	BF	.5	.4	.4	.4	.5	.4	.5	.5	.5	.6	.6	.6	.6	.6	.6	.7	.6	.5	.6	.6	.6	.6	.6	23	.7
11	BF	.6	.5	.5	.5	.5	.5	.5	.6	.6	.6	.5	.6	.6	.6	.6	.6	.5	.5	.5	.5	.6	.5	.6	23	.6
12	BF	.6	.5	.5	.5	.5	.5	.5	.5	20.6	14.1	21.6	10.2	22.1	6.4	3.8	.8	.6	.5	.5	.5	.5	.5	.5	23	22.1
13	BF	.6	.5	.5	.5	.4	.4	.5	.6	.5	.5	.5	.5	.4	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	23	.6
14	BF	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.6	.6	.6	.6	.5	.6	23	.6
15	BF	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.7	.6	.6	.5	.5	.5	.5	.5	.5	23	.7
16	BF	.6	.5	.5	.5	.5	.5	.5	.6	1.0	1.0	.8	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	23	1.0
17	BF	.6	.5	.5	.5	.6	.6	.6	.6	.6	.6	7.1	11.2	38.3	14.0	20.7	.9	.6	.6	.6	.6	.5	.5	.5	23	38.3
18	BF	.6	.5	.5	.5	.6	.6	.5	.6	.6	.7	.7	.6	.6	.5	.5	.5	.4	.4	.4	.4	.4	.5	.5	23	.7
19	BF	.6	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.5	.5	.5	23	.6
20	BF	.6	.5	.5	.5	.5	.5	.6	.6	.6	.6	.6	.6	.7	1.0	23.7	1.7	.8	.6	.7	.7	.7	.7	.6	23	23.7
21	BF	.7	.6	.6	.6	.6	.6	.6	.7	.8	2.2	2.0	BA	1.2	1.2	.7	.6	.6	.6	.6	.6	.6	.5	.5	22	2.2
22	BF	.6	.6	.5	.5	.5	.5	.4	.4	.5	.7	.8	.8	1.0	.7	.8	.9	.5	.6	.6	.6	.6	.6	.7	23	1.0
23	BF	.8	.7	.7	.7	.7	.7	.7	.7	.7	.8	.8	.7	.7	.7	.7	.6	.6	.6	.6	.7	.8	.7	.7	23	.8
24	BF	.7	.6	.6	.6	.6	.8	.7	.7	.7	.7	.7	.7	.7	.7	.8	.8	.7	.8	.7	.7	.7	.7	.7	23	.8
25	BF	.7	.6	.7	.6	.6	.6	.7	1.6	1.1	.9	.9	1.0	.9	1.0	.9	.8	.7	.6	.6	.7	.7	.7	.7	23	1.6
26	BF	.7	.7	.6	.6	.7	.8	.7	.9	1.0	1.0	.9	.9	9.9	.9	.9	.8	.6	.6	.6	.6	.6	.6	.6	23	9.9
27	BF	.7	.6	.6	.6	.6	.6	.6	.7	.9	.9	.9	.8	.8	1.1	2.2	.9	.7	.6	.7	.7	.7	.6	.6	23	2.2
28	BF	.7	.6	.6	.6	.6	.7	.6	.6	1.3	2.1	1.0	17.3	20.6	9.2	2.8	.8	.6	.6	.6	.6	.5	.6	.6	23	20.6
29	BF	.7	.6	.6	.6	.6	.6	.6	.6	.7	1.3	1.3	2.0	3.4	2.1	1.5	.7	.6	.6	.6	.6	.6	.6	.6	23	3.4
30	BF	.7	.6	.5	.6	.6	.6	.6	.6	1.8	21.6	8.1	1.5	1.2	.9	.9	.8	.6	.5	.5	.5	.6	.5	.5	23	21.6
31																									0	
NO.:		30	30	30	30	30	30	30	30	30	30	30	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:		.8	.7	.7	.7	.7	.8	.7	1.6	20.6	29.0	43.0	30.4	38.3	14.0	23.7	7.2	5.0	1.4	.7	.7	.8	.7	.7		
AVG:		.60	.52	.51	.50	.51	.52	.52	.58	1.35	3.15	3.43	3.82	4.98	2.35	3.57	1.03	.73	.56	.54	.53	.53	.51	.52		

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: 1.38 MONTHLY MAX: 43.0

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

(42401) Sulfur dioxide

SITE ID: 37-019-0005 POC: 1
COUNTY: (019) Brunswick
CITY: (63400) Southport
SITE ADDRESS: 5538 Rod Grandy Blvd SE, Southport NC 28461
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (170) SOUTHERN COASTAL PLAIN
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 33.942222
LONGITUDE: -78.019167
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 3.6
PROBE HEIGHT: 4.78

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

REPORT FOR: DECEMBER 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	.6	.6	.5	.5	.5	.5	.5	.5	.5	.7	1.0	33.3	24.1	16.9	16.0	13.1	22.2	12.4	21.3	22.3	29.6	9.8	1.6	23	33.3
2	BF	1.1	.8	.7	.8	.7	.6	.6	.7	.8	1.0	.7	.7	.7	.6	.6	.6	.6	.6	.6	.6	.6	.5	.6	23	1.1
3	BF	.6	.6	.6	.6	.6	.6	.5	.6	.7	.7	.6	.6	.6	1.0	6.7	.7	.6	.5	.6	.5	.5	.5	.6	23	6.7
4	BF	.6	.6	.6	.5	.5	.5	.6	.6	.6	.8	.8	.8	.7	.7	.6	.6	.6	.6	.6	.5	.5	.5	.5	23	.8
5	BF	.6	.8	.6	.6	.5	.5	.5	.5	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	23	.8
6	BF	.6	.5	.4	.5	.5	.4	.4	.4	.5	.6	.6	.6	.5	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	23	.6
7	BF	.6	.5	.5	.5	.5	.5	.5	.5	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	23	.6
8	BF	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	23	.6
9	BF	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.6	.6	.6	.6	.6	.5	.5	.5	.6	.6	.6	23	.6
10	BF	.7	.6	.6	.6	.6	.6	.6	.6	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.6	.6	.6	23	.7
11	BF	.7	.7	.7	.7	.8	.8	.8	1.0	1.1	1.0	43.5	2.2	1.4	1.0	.9	.9	.7	.7	.8	.7	.8	.7	.7	23	43.5
12	BF	.7	.7	.7	.8	1.0	1.0	1.1	1.4	1.6	1.5	1.5	1.3	1.3	1.3	1.1	1.1	.9	.9	.8	.8	.8	.7	.6	23	1.6
13	BF	.7	.7	.7	.7	.7	.7	.7	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.9	1.0	1.0	.9	1.0	23	1.0
14	BF	1.0	1.1	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	.8	.8	.8	.8	.8	.7	.9	.8	23	1.2
15	BF	.8	.7	.7	.7	.7	.7	.7	.8	.8	.7	.9	1.0	1.2	1.1	1.0	1.0	.9	1.0	1.2	1.2	1.1	1.1	.9	23	1.2
16	BF	.8	.7	.6	.7	.6	.7	.7	.7	.9	.9	.8	1.5	1.7	1.0	.9	.9	.8	.7	.7	.7	.7	.7	.7	23	1.7
17	BF	.8	.7	.7	.7	.7	.7	.7	.7	.8	1.3	2.7	1.4	1.3	1.5	1.4	1.2	.9	.8	.8	.8	.8	.8	.8	23	2.7
18	BF	.8	.8	.7	.7	.7	.7	.7	.7	.8	.9	1.0	.9	.8	.7	.8	.7	.6	.5	.5	.5	.5	.5	.5	23	1.0
19	BF	.5	.5	.4	.4	.4	.5	.6	.5	.6	.7	.7	BA	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	11	.7
20	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	.7	.6	.6	.6	2.1	6.7	22.3	7.7	4.2	6.0	1.0	.7	.6	13	22.3
21	BF	.7	4.3	1.0	.8	.7	.7	.7	.7	.8	.9	1.0	.9	.9	.9	3.0	1.1	1.1	.9	.8	.8	.8	.8	.8	23	4.3
22	BF	.8	.7	.7	.6	.6	.6	.6	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	23	.8
23	BF	.6	.5	.5	.5	.5	.5	.5	.5	.5	.6	.6	.6	.6	.5	.5	.4	.4	.5	.5	.4	.4	.4	.4	23	.6
24	BF	.5	.5	.5	.5	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.4	.5	.4	.5	.5	.5	.5	.4	.4	23	.6
25	BF	.5	.5	.5	.5	.5	.5	.5	.5	.6	.6	.6	.6	.6	.6	.7	.6	.6	.6	.6	.6	.6	.7	.7	23	.7
26	BF	.7	.7	.7	.7	.7	.7	.9	1.0	.9	1.6	10.0	33.7	24.6	30.9	15.8	5.5	1.4	.9	.8	.8	5.5	21.7	12.0	23	33.7
27	BF	2.7	4.1	4.0	1.0	.8	.8	.7	.7	.7	.7	.7	.7	.7	.7	.6	.6	.6	.7	.6	.7	.7	.7	.7	23	4.1
28	BF	.8	.8	.8	.8	.9	.9	.9	1.0	1.1	1.0	1.0	.9	.9	.9	.9	.9	.9	1.0	1.0	1.0	1.0	1.0	1.2	23	1.2
29	BF	1.1	1.0	.9	.9	1.0	1.1	1.0	1.0	1.0	1.0	1.0	.9	.9	.9	.9	.9	.9	.9	.8	.8	.8	.8	.8	23	1.1
30	BF	.8	.8	.7	.7	.8	1.0	2.0	1.7	1.8	1.2	1.2	1.1	1.2	1.1	1.1	1.2	1.0	.8	.8	.7	.7	.7	.7	23	2.0
31	BF	.7	.9	1.0	1.0	.9	.9	1.0	1.1	1.2	1.2	1.1	1.1	1.0	.9	.9	.9	.9	1.0	.9	.9	.9	.9	.9	23	1.2
NO.:		30	30	30	30	30	30	30	30	30	30	31	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:		2.7	4.3	4.0	1.0	1.1	1.1	2.0	1.7	1.8	1.6	43.5	33.7	24.6	30.9	16.0	13.1	22.3	12.4	21.3	22.3	29.6	21.7	12.0		
AVG:		.78	.92	.77	.67	.67	.68	.73	.75	.81	.85	2.54	3.04	2.40	2.33	2.08	1.52	2.16	1.32	1.49	1.58	1.81	1.67	1.08		

MONTHLY OBSERVATIONS: 691 MONTHLY MEAN: 1.42 MONTHLY MAX: 43.5

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: 37-021-0037 POC: 1
COUNTY: (021) Buncombe
CITY: (58260) Royal Pines
SITE ADDRESS: Crestwood Drive Air Monitor
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (171) WESTERN MOUNTAIN
URBANIZED AREA: (0480) ASHEVILLE, NC
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 35.4819632643
LONGITUDE: -82.509718573
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 2134
PROBE HEIGHT:

SUPPORT AGENCY: () Not Found
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2017

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	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	.0	.0	.0	.0	.0	.0	.0	BF	.0	8	0.0
7	.0	.0	.1	1.0	1.0	.9	.3	.0	.0	.1	.2	.2	.2	.1	.1	.1	.2	.4	.5	.4	.4	.3	BF	.5	23	1.0
8	.3	.2	.2	.2	.2	.1	.1	.1	.1	.1	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.2	.2	BF	1.6	23	1.6
9	2.7	1.4	1.0	1.4	1.4	.9	.9	.7	.6	.6	.7	.6	.5	.4	.3	.3	.2	.2	.3	.3	.3	.3	BF	.6	23	2.7
10	.4	.3	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.3	.2	.2	.3	.4	.4	.3	.3	BF	.3	23	.4
11	.3	.2	.1	.1	.0	.0	.0	BC	BC	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	21	.3
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.1
13	.1	.0	.4	2.3	3.0	3.7	9.7	7.8	5.0	3.3	.6	.3	.4	.6	.7	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	9.7
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
15	.0	.7	.8	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.1	.7	.3	.1	.0	.0	.0	.0	.0	.0	BF	.0	23	1.7
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
18	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.2
19	.0	.2	.3	1.3	.0	4.3	2.1	4.2	2.5	1.1	2.2	1.8	1.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	4.3
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.7	1.1	.2	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	1.7
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.2
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	AV	AV	22	0.0
23	AV	AV	AV	AV	AV	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	18	0.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
25	.0	.1	1.6	.0	.0	.0	.2	3.9	7.2	.1	.3	.8	.8	2.3	1.3	.0	.0	.0	.0	.0	.1	.2	.1	BF	.0	23	7.2
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	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	BF	.0	23	0.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.3
29	.0	.1	.9	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	BF	.0	23	.9
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	BF	2.4	23	2.4
31	.8	.2	.1	.0	.1	.6	1.8	10.2	5.2	1.6	2.5	1.2	1.0	.3	.2	.1	.1	.1	.1	.1	1.3	2.4	BF	.3	23	10.2
NO.:	24	24	24	24	24	25	25	24	24	25	25	25	25	25	25	26	26	26	26	26	26	26		25		
MAX:	2.7	1.4	1.6	2.3	3.0	4.3	9.7	10.2	7.2	3.3	2.5	1.8	1.7	2.3	1.3	.3	.2	.4	.5	.4	1.3	2.4		2.4		
AVG:	.19	.14	.24	.35	.25	.43	.61	1.13	.87	.29	.28	.22	.25	.24	.16	.03	.03	.05	.05	.06	.10	.14		.23		

MONTHLY OBSERVATIONS: 575 MONTHLY MEAN: .27 MONTHLY MAX: 10.2

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: 37-021-0037 POC: 1
COUNTY: (021) Buncombe
CITY: (58260) Royal Pines
SITE ADDRESS: Crestwood Drive Air Monitor
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (171) WESTERN MOUNTAIN
URBANIZED AREA: (0480) ASHEVILLE, NC
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 35.4819632643
LONGITUDE: -82.509718573
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 2134
PROBE HEIGHT:

SUPPORT AGENCY: () Not Found
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2017

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	.4	.3	1.0	2.0	1.3	1.9	1.2	.8	.5	AZ	AZ	AZ	BA	.1	.0	.0	.0	.0	.0	.0	.0	BF	.8	19	2.0
2	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.4
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.3	.9	1.1	.1	.0	.0	.0	.1	.2	.4	BF	.4	23	1.1
4	.3	.3	.2	.2	.2	.3	.4	.4	.2	.3	.3	.2	.1	.0	.0	.0	.0	.0	.1	.1	.2	.3	BF	.2	23	.4
5	.1	.1	.1	.1	.1	.1	.2	.9	.5	.3	.2	.3	.5	.4	.9	.5	.1	.0	.0	.0	.0	.0	BF	.0	23	.9
6	.0	.0	.0	1.1	1.0	.6	1.4	8.6	5.8	4.5	1.2	.7	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	8.6
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
8	.3	.8	2.0	1.4	.1	.0	.0	.3	.1	.4	.2	.0	.0	.3	1.2	1.1	.0	.0	.0	.0	.0	.0	BF	.0	23	2.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
10	.0	.0	.0	.0	.0	.0	.6	3.1	.1	.0	.2	3.4	.8	.7	.1	.0	.0	.1	.1	.1	.0	.1	BF	.1	23	3.4
11	.0	.0	.0	.1	.4	1.2	1.8	2.8	3.1	2.6	.7	.6	.0	.3	1.1	.9	.3	.0	.0	.0	.0	.0	BF	.0	23	3.1
12	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.3	.0	.0	.0	.0	.0	.0	BF	.0	23	.3
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
14	.0	.0	.0	.0	.1	.9	.5	.4	.5	.5	.3	.3	1.2	.3	.8	.8	.5	.2	.0	.0	.0	.1	BF	.4	23	1.2
15	.4	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.4
16	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	BF	.4	23	.4
17	1.5	1.7	.3	2.5	3.0	1.6	5.8	8.9	.3	.2	.3	1.7	3.0	3.5	2.0	1.0	.6	.5	.3	.1	.0	.0	BF	.0	23	8.9
18	.6	1.9	5.2	7.5	3.9	3.8	5.4	9.3	6.3	2.7	3.4	3.2	4.1	2.1	1.3	.3	.0	.0	.1	.0	.2	.7	BF	.0	23	9.3
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
20	.4	.4	.1	.0	2.4	.4	.1	.1	5.0	5.3	4.9	3.0	.3	.0	.1	.1	.0	.0	.0	.0	.0	.0	BF	.0	23	5.3
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.1
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.1
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.3	.4	.4	.2	.0	.0	BF	.0	23	.4
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.1	.1	.1	.1	.1	BF	.2	23	.2
28	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	22	.1
29																									0	
30																									0	
31																									0	
NO.:	28	28	28	28	28	28	28	28	28	28	26	27	27	27	28	28	28	28	28	28	28	28		28		
MAX:	1.5	1.9	5.2	7.5	3.9	3.8	5.8	9.3	6.3	5.3	4.9	3.4	4.1	3.5	2.0	1.1	.6	.5	.4	.2	.2	.7		.8		
AVG:	.16	.21	.30	.51	.47	.36	.65	1.29	.82	.63	.47	.51	.40	.32	.33	.20	.07	.05	.04	.03	.03	.06		.09		

MONTHLY OBSERVATIONS: 639 MONTHLY MEAN: .35 MONTHLY MAX: 9.3

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

(42401) Sulfur dioxide

SITE ID: 37-021-0037 POC: 1
COUNTY: (021) Buncombe
CITY: (58260) Royal Pines
SITE ADDRESS: Crestwood Drive Air Monitor
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (171) WESTERN MOUNTAIN
URBANIZED AREA: (0480) ASHEVILLE, NC
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 35.4819632643
LONGITUDE: -82.509718573
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 2134
PROBE HEIGHT:

SUPPORT AGENCY: () Not Found
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	BF	.0	23	.2
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	BF	BF	BF	BF	BF	BF	BF	.0	.0	.0	.0	BF	.0	15	0.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
4	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.1	.7	4.5	2.3	4.5	.6	.0	.0	.0	.1	.0	.0	.0	BF	.0	23	4.5
5	.0	.2	.4	3.4	15.3	7.1	6.1	3.9	1.8	.7	2.1	.4	.1	.4	.2	.1	.1	.1	.1	.0	.0	.0	BF	.1	23	15.3
6	.1	.1	.2	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.3
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	BF	.0	23	.2
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	12.8	23	12.8
9	6.8	3.9	2.3	3.1	13.3	19.8	15.1	9.7	8.7	6.1	2.2	.9	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	19.8
10	.0	5.5	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	5.5
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	BF	.0	23	.2
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.1	.0	.0	BF	.0	23	.3
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
16	.0	.0	.0	.0	.0	.0	.0	.1	.1	BA	BA	.4	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	BF	.1	21	.4
17	.1	.1	6.1	11.1	4.4	4.7	BA	11.2	18.2	7.9	1.6	1.0	.9	.6	.3	.3	.2	.2	.2	.4	.5	.6	BF	1.5	22	18.2
18	1.6	.7	.4	.3	.6	1.3	1.0	1.6	2.1	.8	.3	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	BF	.0	23	2.1
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
20	.0	4.6	7.6	4.9	8.1	2.0	15.6	11.0	3.5	6.5	4.6	2.7	.5	.1	.1	.0	.0	1.3	1.6	.2	.1	.0	BF	.0	23	15.6
21	.0	.4	.8	1.3	1.0	.3	.2	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.4	BF	.0	23	1.3
22	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.2	.2	.2	.2	BF	.0	23	.3
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	BF	.0	23	.1
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	BF	.0	23	1.1
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	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	BF	.0	23	0.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	1.1
28	.0	.0	.3	.0	.0	.0	.0	2.2	7.9	3.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	7.9
29	.0	.0	.0	.9	2.1	3.9	.9	.5	.4	.4	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	3.9
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	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	BF	.0	23	0.0
NO.:	31	31	31	31	31	31	30	31	31	30	29	30	30	30	30	30	30	30	31	31	31	31		31		
MAX:	6.8	5.5	7.6	11.1	15.3	19.8	15.6	11.2	18.2	7.9	4.6	4.5	2.3	4.5	1.1	.3	.3	1.3	1.6	.4	1.0	1.1		12.8		
AVG:	.28	.50	.62	.82	1.46	1.27	1.30	1.34	1.38	.87	.42	.34	.14	.19	.09	.04	.02	.06	.09	.05	.06	.07		.47		

MONTHLY OBSERVATIONS: 702 MONTHLY MEAN: .52 MONTHLY MAX: 19.8

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: 37-021-0037 POC: 1
COUNTY: (021) Buncombe
CITY: (58260) Royal Pines
SITE ADDRESS: Crestwood Drive Air Monitor
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (171) WESTERN MOUNTAIN
URBANIZED AREA: (0480) ASHEVILLE, NC
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 35.4819632643
LONGITUDE: -82.509718573
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 2134
PROBE HEIGHT:

SUPPORT AGENCY: () Not Found
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

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	BF	.0	23	0.0
2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.1
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
4	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	AN	22	.1
5	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	
6	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	
7	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BC	BC	BC	BC	BC	BC	BC	BC	BC	AN	AN	AN	AN	0	
8	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
9	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
10	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	
11	AN	AN	AN	AN	AN	AN	AN	BC	BC	BC	BC	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
12	AN	AN	AN	AN	AN	AN	AN	AN	AN	BC	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	BF	.3	13	.3
13	.2	.7	1.0	1.9	.2	.0	.0	.2	.8	.7	.2	.1	.0	.0	.0	.0	.0	.1	.1	.2	.2	.3	BF	.3	23	1.9
14	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3	.2	.2	.2	.1	.1	.0	.1	.3	.3	.2	.2	BF	.3	23	.3
15	.3	.3	.3	.2	.3	.2	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.1	23	.3
16	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.1	.1	.2	.2	.3	.3	.3	.3	.3	.3	.3	BF	.3	23	.3
17	.2	.2	.1	.1	.1	.7	1.9	5.6	3.7	3.5	2.3	1.3	.7	.3	.3	.1	.0	.0	.1	.0	.0	.0	BF	.1	23	5.6
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
19	.0	.0	.0	.0	.0	.0	.0	.0	BC	BC	.3	.2	.2	.2	.2	.3	.3	.3	.3	.2	.2	.2	BF	.2	21	.3
20	.2	.2	.2	.2	.2	.2	.2	.2	.3	.9	4.7	3.0	1.1	1.1	.7	.6	.5	.4	2.0	.9	.3	.3	BF	.4	23	4.7
21	.7	.4	1.3	3.4	4.1	.9	.7	.8	.9	1.0	1.8	1.6	.9	1.1	.4	.4	.2	.3	.2	.1	.2	.2	BF	.4	23	4.1
22	.4	.8	.5	.3	.3	.2	.3	.2	.3	.5	1.7	.7	2.1	1.4	.2	.2	.6	.3	.6	.5	.1	.0	BF	.3	23	2.1
23	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	BF	.1	23	.2
24	.1	.1	.1	.1	.1	.0	.0	.1	.0	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.1	BF	.2	23	.2
25	.1	.1	.1	.0	.0	.0	.1	.0	BC	BC	BC	.5	.4	.3	.3	.2	.2	.2	.2	.2	.2	.2	BF	.2	20	.5
26	.2	.2	.2	.2	.2	.2	.6	AN	AN	AN	AN	AN	AN	BC	BC	.9	.4	.5	.6	.6	.7	AN	AN	AN	13	.9
27	AN	AN	AN	AN	AN	AN	AN	AN	AN	BF	BF	BF	BF	BF	.4	.3	.2	.2	.2	.3	.3	BF	.4	.3	9	.4
28	.3	.5	.5	.3	.2	.2	.2	.2	.2	.3	.4	.5	.4	.4	.4	.4	.4	.4	.4	.5	.5	BF	.5	.5	23	.5
29	.4	.4	.4	.5	.4	.5	.5	.5	.5	.5	.5	.5	.7	.5	.6	.8	.9	1.1	1.3	1.2	.9	BF	.5	.4	23	1.3
30	.4	.3	.3	.3	.2	.2	.2	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	BF	.2	.2	23	.4
31																									0	
NO.:	21	21	21	21	21	21	21	20	18	18	20	21	21	21	22	23	23	23	23	23	23	18	4	21		
MAX:	.7	.8	1.3	3.4	4.1	.9	1.9	5.6	3.7	3.5	4.7	3.0	2.1	1.4	.7	.9	.9	1.1	2.0	1.2	.9	.3	.5	.5		
AVG:	.20	.22	.26	.38	.32	.17	.25	.42	.41	.44	.63	.42	.33	.29	.19	.21	.19	.20	.30	.24	.19	.11	.40	.22		

MONTHLY OBSERVATIONS: 489 MONTHLY MEAN: .28 MONTHLY MAX: 5.6

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

(42401) Sulfur dioxide

SITE ID: 37-021-0037 POC: 1
COUNTY: (021) Buncombe
CITY: (58260) Royal Pines
SITE ADDRESS: Crestwood Drive Air Monitor
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (171) WESTERN MOUNTAIN
URBANIZED AREA: (0480) ASHEVILLE, NC
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 35.4819632643
LONGITUDE: -82.509718573
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 2134
PROBE HEIGHT:

SUPPORT AGENCY: () Not Found
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

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	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.2	.2	.3	BF	.3	1.2	23	1.2
2	.3	.2	.2	.2	.2	.2	.2	.3	.3	.2	.2	.2	.3	.3	.6	.3	.3	.3	.3	.2	.3	BF	2.9	3.7	23	3.7
3	2.8	1.5	.5	.4	.4	.4	.4	.6	.6	.5	.5	.4	.4	.4	.5	1.0	.5	.4	.3	.4	.4	BF	.4	.3	23	2.8
4	.3	.5	.6	.5	.5	.5	.5	.6	.5	.5	.4	.4	.4	.3	.3	.2	.3	.2	.2	.1	.1	BF	.3	.3	23	.6
5	.2	.3	.1	.1	.1	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1	.1	BF	.2	.1	23	.3
6	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.4	.3	.2	.2	.2	.1	.2	BF	.3	.3	23	.4
7	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	BF	.3	.3	23	.3
8	.3	.4	.4	.4	.3	.3	.3	.4	.4	.4	.4	.4	.4	.3	.4	.4	.4	.4	.4	.4	.4	BF	.4	.4	23	.4
9	.7	2.9	.9	.7	4.1	7.8	7.5	4.8	3.5	2.6	3.2	2.4	.8	.5	1.0	.7	.7	.6	.5	.4	.5	BF	2.2	3.9	23	7.8
10	1.1	.7	.7	.7	.6	.7	.8	.9	.9	.8	.8	.7	.7	.7	.9	.8	.7	.6	.6	.6	.6	BF	.6	1.4	23	1.4
11	1.5	3.6	1.1	.7	.8	.8	.9	1.7	1.1	.8	.5	.4	.9	.6	.9	1.1	.5	.5	.4	.4	.5	BF	.6	.6	23	3.6
12	.6	3.2	2.0	4.9	2.8	2.3	1.0	1.3	1.3	.8	.6	.5	18.7	.3	.3	.2	.3	.3	.2	.2	.1	BF	.2	.1	23	18.7
13	.1	.2	.2	.2	.2	.2	.2	.1	.1	.2	.1	.1	.1	.1	.2	.2	.2	.2	.4	.4	.6	BF	.4	.3	23	.6
14	.3	1.1	2.2	4.0	3.4	3.4	3.1	2.6	3.7	1.4	.6	.5	.5	.5	.5	.4	.4	.4	.4	.4	.5	BF	.6	.6	23	4.0
15	1.3	1.4	1.7	7.0	5.9	11.1	10.8	8.0	7.3	2.2	1.0	.6	.6	.5	.5	.5	.4	.4	.5	.5	.5	BF	.6	.6	23	11.1
16	1.8	4.4	14.6	7.7	1.2	2.2	2.1	1.1	1.2	.8	.7	.7	.6	.6	.6	.5	.5	.5	.6	.7	.7	BF	.7	.6	23	14.6
17	.6	.6	.6	.6	.6	.6	.6	.5	AN	.4	.4	.4	.4	.5	.4	.4	.5	.4	.4	.3	.3	BF	.3	.4	22	.6
18	.3	.4	.4	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.3	.4	.4	.5	.4	.4	.4	.4	BF	.4	.3	23	.5
19	.3	.3	.4	.4	.3	.3	.4	.5	.5	.4	.4	.8	.7	.6	.5	.4	.3	.3	.3	.3	.4	BF	.4	.4	23	.8
20	.4	.4	.4	.4	.3	.4	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.4	.3	.3	BF	.3	.3	23	.4
21	.3	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	BF	.2	.1	23	.3
22	.1	.5	1.5	.9	.9	.6	.4	.4	.3	.4	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	BF	.3	.3	23	1.5
23	.2	.3	.1	.2	.2	.2	.2	.2	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	BF	.2	.2	23	.3
24	.1	.4	.2	.1	.1	AV	AV	AV	AV	AV	AV	1.0	.5	.3	.3	.5	.2	.1	.1	.1	.1	BF	1.0	.3	17	1.0
25	.2	.2	.1	.1	.1	.1	.1	.2	.2	.3	.4	.2	.2	.2	.2	.2	.2	.2	.5	1.1	1.2	BF	.7	.3	23	1.2
26	.3	.3	.3	.3	.3	.2	.3	.3	.3	.3	.3	.3	.3	.2	.3	.3	.3	.4	.4	.4	.3	BF	.4	.3	23	.4
27	.4	.5	5.1	6.9	5.2	4.6	2.2	.9	.8	.7	1.0	1.2	.6	.6	.6	.4	.4	.5	.6	.6	.6	BF	.6	.4	23	6.9
28	.2	.2	.4	.3	.1	.1	.1	.3	.5	.9	1.5	1.2	.7	.7	.3	.2	.2	.2	.2	.2	.2	BF	.2	.4	23	1.5
29	.4	.2	.2	.6	2.3	2.6	2.6	3.9	2.4	.8	.5	.7	1.0	.6	.4	.3	.3	.5	1.4	1.3	.7	BF	.4	.4	23	3.9
30	.4	.3	1.1	.3	.2	.2	.2	.3	.4	.3	.4	.3	.3	.3	.3	.4	.5	.4	.4	.6	.5	BF	.4	.4	23	1.1
31	1.3	2.7	5.0	3.1	6.0	5.2	5.4	3.5	1.5	.6	.6	.7	.5	.4	.4	.3	.4	.4	.4	.3	.3	BF	.5	.5	23	6.0
NO.:	31	31	31	31	31	30	30	30	29	30	30	31	31	31	31	31	31	31	31	31	31		31	31		
MAX:	2.8	4.4	14.6	7.7	6.0	11.1	10.8	8.0	7.3	2.6	3.2	2.4	18.7	.7	1.0	1.1	.7	.6	1.4	1.3	1.2		2.9	3.9		
AVG:	.55	.91	1.34	1.37	1.22	1.54	1.39	1.16	1.02	.60	.55	.52	1.01	.36	.40	.37	.34	.32	.37	.38	.38		.56	.64		

MONTHLY OBSERVATIONS: 706 MONTHLY MEAN: .75 MONTHLY MAX: 18.7

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: 37-021-0037 POC: 1
COUNTY: (021) Buncombe
CITY: (58260) Royal Pines
SITE ADDRESS: Crestwood Drive Air Monitor
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (171) WESTERN MOUNTAIN
URBANIZED AREA: (0480) ASHEVILLE, NC
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 35.4819632643
LONGITUDE: -82.509718573
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 2134
PROBE HEIGHT:

SUPPORT AGENCY: () Not Found
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

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	1.2	5.2	2.7	5.6	7.1	1.6	2.2	2.8	1.8	.6	.6	.6	.5	.5	.4	.3	.3	.3	.4	.5	BF	.5	.5	23	7.1
2	.8	.9	.6	1.1	.9	.8	2.8	1.1	1.0	1.0	.7	.6	.5	.5	.4	.3	.3	.3	.3	.4	.4	BF	.4	.4	23	2.8
3	.4	.5	1.5	6.0	6.3	5.1	1.4	1.1	.9	.8	.6	.5	.7	.7	.4	.3	.3	.6	.5	.8	1.1	BF	1.0	.8	23	6.3
4	.7	.6	.6	.6	.6	3.0	6.3	2.3	1.4	.9	.7	.7	.5	.3	.4	.4	.4	.4	.4	.3	.3	BF	.3	.3	23	6.3
5	.3	.3	.3	.2	.2	.1	.1	.1	.2	.6	.6	1.1	.6	.3	.2	.3	.3	.1	.1	.1	.1	BF	.2	.2	23	1.1
6	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.3	.3	.4	.3	.2	.2	.2	.2	.3	.3	BF	.4	.3	23	.4
7	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	.3	.2	.3	.2	.3	.3	.3	.3	.3	BF	.4	.4	23	.4
8	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.3	.3	.3	.4	.3	.3	.3	.3	.3	.4	BF	.4	.7	23	.7
9	.4	.4	.3	.3	.3	.4	.4	.3	.3	.4	.4	1.4	1.3	.7	.6	.6	.6	.5	.4	.4	.4	BF	.4	.4	23	1.4
10	.5	1.7	2.2	1.9	1.4	2.2	2.5	2.9	2.4	1.2	.7	.8	.9	.6	.7	.5	.6	.5	.6	.6	.7	BF	.7	.7	23	2.9
11	.6	.6	.6	.6	.6	.6	.6	.6	.6	.5	.4	.3	.4	.3	.4	.4	.3	.4	.4	.5	.6	BF	.5	.5	23	.6
12	.5	.4	.4	.4	.4	.4	.8	1.8	2.5	1.6	.8	.5	.5	.6	.5	.4	.4	.6	.4	.5	.5	BE	.5	.6	23	2.5
13	1.3	.6	.9	2.2	2.2	1.2	.8	.9	1.0	.7	.6	.6	.4	.4	.3	.3	.4	.3	.3	.3	.3	BF	.3	.2	23	2.2
14	.6	.5	.6	.4	.3	.2	.2	.2	.3	.3	.3	.4	.5	.4	.4	.3	.3	.3	.3	.4	.8	BF	1.3	1.2	23	1.3
15	2.6	2.4	1.6	2.9	1.3	1.5	.6	.6	.9	.6	.7	.7	.5	.7	.3	.3	.3	.3	.8	.5	.5	BF	.4	.3	23	2.9
16	.3	.2	.3	.2	.1	.1	.1	.2	.2	.3	.4	.4	.5	.5	.3	.3	.2	.2	.2	.2	.3	BF	.3	.3	23	.5
17	.2	.3	.2	.2	.2	.2	.2	.2	.4	.3	.3	.3	.3	1.4	.8	.8	.3	.4	.4	.4	.4	BF	.5	.4	23	1.4
18	.4	.4	.4	.4	.4	.4	.4	.4	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	BF	.2	.2	23	.4
19	.2	.2	.2	.2	.2	.2	.2	.2	.2	1.0	1.3	1.2	1.7	.6	1.5	.3	.7	.3	.3	.2	.2	BF	.2	.2	23	1.7
20	.2	.2	.2	.1	.1	.1	.2	.3	.3	.4	.4	.3	.3	.3	.3	.3	.4	.3	.3	.4	.4	BF	.4	.4	23	.4
21	.3	.3	.2	.2	.2	.2	.3	.4	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.3	BF	1.5	1.3	23	1.5
22	.3	.2	.2	.2	.2	.2	.4	.6	.3	.2	.2	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	BF	.3	.2	23	.6
23	.2	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	BF	.3	.2	23	.3
24	.1	.1	.1	.1	.1	.1	.1	.1	.2	.3	.4	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	BF	.3	.3	23	.4
25	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.3	.2	.2	.2	.3	.3	.3	.3	BF	.3	.3	23	.3
26	.3	1.6	1.6	3.4	2.4	1.8	1.1	.8	.8	.8	.5	.6	.5	.5	.4	.4	.5	.4	.4	.4	.4	BF	.5	1.0	23	3.4
27	4.8	3.4	1.6	2.4	1.8	.8	.5	.6	.6	.5	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	BF	.3	.3	23	4.8
28	.3	2.8	4.4	3.3	2.5	1.3	2.1	1.6	1.2	2.2	.6	.6	.6	.5	.5	.5	.5	.6	.6	.6	.6	BF	.6	.6	23	4.4
29	.6	.6	.5	.5	.6	.5	.6	.5	.5	.5	.4	.4	.3	.4	.3	.4	.4	.5	.5	.5	.4	BF	.4	.2	23	.6
30	.2	.2	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1	.1	.1	.1	.1	.2	.1	.2	.2	.2	BF	.2	.2	23	.2
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:	4.8	3.4	5.2	6.0	6.3	7.1	6.3	2.9	2.8	2.2	1.3	1.4	1.7	1.4	1.5	.8	.7	.6	.8	.8	1.1		1.5	1.3		
AVG:	.63	.72	.86	1.06	1.00	.99	.85	.71	.70	.62	.46	.49	.48	.43	.40	.33	.33	.33	.34	.36	.40		.47	.45		

MONTHLY OBSERVATIONS: 690 MONTHLY MEAN: .58 MONTHLY MAX: 7.1

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

(42401) Sulfur dioxide

SITE ID: 37-021-0037 POC: 1
COUNTY: (021) Buncombe
CITY: (58260) Royal Pines
SITE ADDRESS: Crestwood Drive Air Monitor
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (171) WESTERN MOUNTAIN
URBANIZED AREA: (0480) ASHEVILLE, NC
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 35.4819632643
LONGITUDE: -82.509718573
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 2134
PROBE HEIGHT:

SUPPORT AGENCY: () Not Found
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

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	.2	.4	.3	.3	.3	.3	.5	1.0	.6	.5	.4	.3	.3	.3	.3	.3	.3	.2	.2	BF	1.0	.4	23	1.0
2	.6	.3	.2	.2	.1	.1	.1	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	BF	.4	.3	23	.6
3	.3	.3	.4	.4	.4	.6	.9	.6	.5	.5	.5	.4	.5	.6	.5	.3	.3	.4	.3	.3	.3	BF	.3	.2	23	.9
4	.2	.2	.9	.7	.4	.4	.6	.5	.5	.6	.4	.5	.9	.7	.7	.5	.7	.6	AV	.4	.5	BF	.5	.4	22	.9
5	.3	.2	.2	.3	.3	.5	.6	.4	.3	.4	.3	.4	.5	1.7	.4	.3	.2	.2	.2	.2	.2	BF	.3	.4	23	1.7
6	1.0	.5	.3	.4	.9	1.4	2.0	2.7	2.0	2.3	.8	.4	.5	1.2	.2	.3	.5	3.2	.7	.5	.7	BF	.4	.7	23	3.2
7	.4	AV	1.0	1.0	.8	.4	.4	.8	1.2	.4	.3	.3	.6	.4	.3	.5	1.4	.4	.4	.3	.3	BF	.3	.3	22	1.4
8	.4	.3	.2	.3	.2	.5	.6	1.5	.8	.5	.5	.4	.3	.3	.3	.3	.2	.2	.3	.4	.4	BF	1.1	.8	23	1.5
9	.5	.4	.4	.4	.2	.2	.3	.3	.5	.4	.4	.3	.3	.3	.4	.5	.5	.5	.5	.6	.4	BF	.5	.6	23	.6
10	.5	1.8	1.0	.6	.5	.5	.5	.6	1.1	.7	.5	.5	.7	.7	.5	.5	.5	.5	.6	.7	.7	BF	.6	.6	23	1.8
11	.6	.6	.7	1.5	2.2	2.7	2.0	1.3	3.1	2.0	.9	2.3	.5	.6	.7	.5	.5	.5	.6	.6	.7	BF	.7	.6	23	3.1
12	.6	.5	.7	2.3	5.2	4.9	2.2	1.2	1.1	1.2	.8	.6	.6	.6	.8	.5	.5	.4	.4	.5	.6	BF	.5	.5	23	5.2
13	.4	.4	4.4	1.5	2.5	2.8	2.0	3.2	3.0	1.6	1.0	.9	1.5	.8	.3	.3	.4	.3	.3	.3	.2	BF	.3	.3	23	4.4
14	6.1	AV	.7	.7	.7	.7	.6	.5	.7	.7	.6	1.3	1.5	1.0	.6	.4	.2	.3	.5	.2	16.6	BF	3.9	2.4	22	16.6
15	1.1	.8	.5	.4	.3	.3	.3	.4	.6	.5	.5	.4	.3	.3	.2	.2	.2	.2	.3	.3	.3	BF	.4	.4	23	1.1
16	.9	1.6	.9	.8	.5	AV	.4	.4	.5	.6	.4	.4	.4	.4	.4	.5	.7	.6	.5	.5	.5	BF	.4	.4	22	1.6
17	.3	.3	.3	.3	.3	.4	.5	.8	1.3	1.2	.8	.5	.4	.5	.3	.3	.3	.4	.4	.4	.3	BF	.3	.3	23	1.3
18	3.5	1.9	.7	.6	1.0	.6	1.4	1.7	1.7	1.0	.7	.6	.5	.4	.5	.9	.4	.4	.3	.3	.3	BF	.4	.4	23	3.5
19	.4	.5	.4	1.2	.7	1.1	2.2	1.0	1.0	1.1	.8	.6	.6	.5	.6	.5	.5	.6	.7	.9	.8	BF	1.2	.9	23	2.2
20	3.1	2.7	5.1	3.3	1.9	1.4	1.3	2.2	2.2	1.3	.9	.8	.7	.6	.6	.6	.6	.5	.6	.6	.7	BF	.7	.7	23	5.1
21	1.4	1.7	1.4	3.0	1.9	4.1	2.9	2.0	2.4	1.2	.8	.7	2.1	.9	1.4	.7	.7	.6	AV	.7	.8	BF	.7	1.6	22	4.1
22	2.9	1.5	3.4	6.5	3.5	5.2	4.0	3.0	3.0	2.5	2.2	1.7	.6	.7	1.3	.9	.9	.6	.7	.7	.6	BF	.7	3.6	23	6.5
23	4.1	3.5	3.0	1.3	1.6	1.2	1.6	2.0	2.0	1.1	.7	.8	.9	.4	.4	.5	11.1	AV	1.6	.7	.6	BF	.6	.5	22	11.1
24	.4	.4	.4	.3	.3	.2	.2	.3	.3	.4	.6	.7	.7	.6	.8	.8	.7	.8	.8	.8	.8	BF	1.2	.9	23	1.2
25	1.5	1.7	2.8	1.3	1.5	3.7	3.3	2.9	1.5	1.2	1.0	1.1	1.1	1.0	.9	.9	1.1	1.1	1.1	.9	.6	.7	BF	.8	23	3.7
26	.8	1.2	.9	1.1	1.0	1.8	1.5	1.1	1.0	.8	.8	.9	.8	.8	.7	.7	.7	.7	.8	.8	.8	.9	BF	.9	23	1.8
27	.9	.9	.8	.8	.7	.7	.7	.8	.8	.8	.8	.7	.5	.5	.4	.5	.5	.5	.6	.5	.5	.4	BF	.4	23	.9
28	.4	.5	1.9	1.5	1.5	1.3	1.0	1.9	1.6	1.8	2.8	1.2	.5	.8	.8	.7	.4	1.3	.6	.8	.7	.8	BF	.3	23	2.8
29	.2	.1	.2	.1	.2	.2	.3	.3	.5	.5	.4	.4	.4	.4	AV	.4	.4	.4	.3	.3	.2	.2	BF	.3	22	.5
30	.3	.3	.3	.2	.2	.2	.2	.2	.3	.3	.2	.3	.3	.2	.3	.3	.3	.3	.3	.4	.4	.4	BF	.4	23	.4
31	.4	.4	.4	.4	.4	.5	1.9	5.5	2.9	1.4	.7	.6	.6	.6	.5	.6	.6	.6	.6	.7	.6	.6	BF	.7	23	5.5
NO.:	31	29	31	31	31	30	31	31	31	31	31	31	31	31	30	31	31	30	29	31	31	7	24	31		
MAX:	6.1	3.5	5.1	6.5	5.2	5.2	4.0	5.5	3.1	2.5	2.8	2.3	2.1	1.7	1.4	.9	11.1	3.2	1.6	.9	16.6	.9	3.9	3.6		
AVG:	1.12	.88	1.12	1.09	1.04	1.30	1.19	1.31	1.26	.98	.74	.69	.66	.62	.55	.50	.86	.59	.54	.51	1.02	.57	.73	.71		

MONTHLY OBSERVATIONS: 706 MONTHLY MEAN: .87 MONTHLY MAX: 16.6

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: 37-021-0037 POC: 1
COUNTY: (021) Buncombe
CITY: (58260) Royal Pines
SITE ADDRESS: Crestwood Drive Air Monitor
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (171) WESTERN MOUNTAIN
URBANIZED AREA: (0480) ASHEVILLE, NC
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 35.4819632643
LONGITUDE: -82.509718573
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 2134
PROBE HEIGHT:

SUPPORT AGENCY: () Not Found
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

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	.7	.7	.8	.7	.7	.9	3.4	1.5	1.4	1.2	.8	.7	.7	.6	AV	.8	.7	.7	.7	.7	.7	BF	.7	22	3.4
2	1.0	1.2	1.2	1.1	2.6	3.9	2.7	1.4	1.6	2.1	1.9	1.9	2.1	1.2	1.0	.8	.9	.8	.8	.8	.8	.7	BF	.8	23	3.9
3	.8	.9	.8	.8	1.3	2.9	3.4	3.0	4.1	2.6	1.9	1.1	.9	.8	.8	.7	.7	.7	1.0	.9	.9	.9	BF	.9	23	4.1
4	.9	.8	.8	.7	.8	.8	.8	1.0	1.0	1.3	.9	2.8	1.5	.7	.5	.5	.5	.4	.3	.3	.3	.5	BF	.4	23	2.8
5	.4	.3	.2	.2	.2	.2	.2	.3	.4	.3	.4	.3	.3	.3	.4	.5	.4	.3	.3	.3	.3	.3	BF	.3	23	.5
6	.8	4.5	1.2	.5	.9	.6	.4	.4	.4	.4	.5	.5	.6	.6	.6	.7	AV	.8	.9	.8	.7	.7	BF	.6	22	4.5
7	.6	.5	.4	.2	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.4	.3	.3	.3	.3	.3	.3	BF	.5	23	.6
8	5.2	.7	.4	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.4	.5	.5	.5	.4	.4	BF	.4	23	5.2
9	.4	.4	.4	.4	.4	.4	.4	.4	.5	.4	.5	.5	.5	.5	.5	.5	.5	.5	.4	.4	.5	.5	BF	.6	23	.6
10	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.4	.5	.4	.4	.4	.4	.5	.5	.5	.5	.5	BF	.5	23	.6
11	.5	.4	.4	.3	.3	.3	.3	.3	.4	.4	.4	.4	.2	.2	.2	.2	.3	.3	.3	.2	.1	.1	BF	.3	23	.5
12	.2	.2	.3	.2	.4	.2	.2	.2	.4	.4	.3	.3	.4	.3	.3	.3	.3	1.1	.6	.4	.3	.3	BF	.3	23	1.1
13	.2	.2	.2	.1	.2	.2	.2	.2	.3	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	.4	.4	.2	BF	.5	23	.5
14	.4	.3	.3	.2	.3	.3	.2	.2	BA	.4	.4	.4	.4	.3	.3	.3	.3	.4	.4	.4	.4	.4	BF	.6	22	.6
15	.4	.4	.4	.4	.3	.3	.3	.3	.4	.4	.3	.3	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	BF	.4	23	.4
16	1.2	.6	1.1	1.5	1.8	1.6	1.0	1.0	1.4	.8	.5	.4	.6	1.0	1.6	2.0	1.4	.5	.5	5.3	9.7	1.4	BF	1.4	23	9.7
17	1.2	1.0	1.1	1.4	2.3	2.5	1.7	1.4	1.4	.9	.6	2.6	.5	.4	.4	.3	.4	.4	.3	.3	.3	.2	BF	.8	23	2.6
18	1.3	.8	.8	1.0	1.0	.5	.5	.7	.9	5.2	.9	.4	2.1	.5	.3	.3	.3	.3	.3	.3	.4	.4	BF	.5	23	5.2
19	.5	.5	.4	.6	1.0	1.3	.5	.5	.6	.7	.6	.6	.6	.7	.7	.6	.8	1.1	2.1	1.0	1.0	1.0	BF	1.0	23	2.1
20	1.4	1.3	1.9	2.6	2.8	2.3	1.1	1.6	1.3	1.2	1.1	1.0	.9	.8	.8	.8	.8	.9	1.0	1.1	.9	.9	BF	1.1	23	2.8
21	1.0	1.0	1.0	1.2	1.5	1.3	1.1	5.4	2.4	1.9	1.4	1.0	1.0	1.0	.9	.8	.9	.9	1.0	.9	.9	.9	BF	1.0	23	5.4
22	1.0	.9	.9	.8	.8	1.2	1.6	2.2	3.2	2.1	1.3	1.1	1.6	1.8	.9	.8	AE	.7	.7	.7	.7	.7	BF	3.5	22	3.5
23	4.8	6.9	8.9	9.1	7.6	3.1	1.4	1.2	1.2	.9	.5	.3	.3	.4	.5	.6	.7	.6	.6	.6	.6	.6	BF	.6	23	9.1
24	.5	.5	.5	.6	.6	.5	.6	.6	.6	.6	.5	.5	.5	.5	.5	.6	.8	1.0	1.0	1.0	1.1	1.0	BF	.9	23	1.1
25	.9	.8	.8	.7	.6	.6	1.5	1.5	.8	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.7	BF	.7	23	1.5
26	.7	.7	.7	.7	.7	.7	.8	.8	.9	.8	.7	.7	.7	.7	.7	.6	.7	.7	.7	.8	.8	.8	BF	.7	23	.9
27	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.5	.6	.6	.6	.6	.6	.7	.6	.7	.7	.6	BF	.6	23	.7
28	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.6	.6	.6	.5	.5	.5	.5	BF	.6	23	.6
29	.6	.4	.3	.4	.4	.3	.4	.3	.3	.4	.3	.3	.3	.3	.3	.4	.3	.3	.3	.3	.3	.3	BF	.3	23	.6
30	.3	.3	.3	.3	.3	.3	.3	.3	.4	.5	.8	.6	.6	.5	.4	.4	.4	.3	.3	.3	.2	.2	BF	.4	23	.8
31	.4	.3	.3	.5	.5	.4	.7	.8	.5	.7	.6	.3	.2	.1	.1	.1	.2	.3	.3	.2	.2	.2	BF	.3	23	.8
NO.:	31	31	31	31	31	31	31	31	30	31	31	31	31	31	31	30	29	31	31	31	31	31		31		
MAX:	5.2	6.9	8.9	9.1	7.6	3.9	3.4	5.4	4.1	5.2	1.9	2.8	2.1	1.8	1.6	2.0	1.4	1.1	2.1	5.3	9.7	1.4		3.5		
AVG:	.97	.95	.92	.94	1.04	.95	.81	1.01	.96	.96	.69	.71	.67	.56	.53	.54	.55	.57	.59	.70	.84	.55		.72		

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: .77 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: 37-021-0037 POC: 1
COUNTY: (021) Buncombe
CITY: (58260) Royal Pines
SITE ADDRESS: Crestwood Drive Air Monitor
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (171) WESTERN MOUNTAIN
URBANIZED AREA: (0480) ASHEVILLE, NC
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 35.4819632643
LONGITUDE: -82.509718573
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 2134
PROBE HEIGHT:

SUPPORT AGENCY: () Not Found
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

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	.1	.1	.1	.2	.3	.3	.3	.3	.3	.2	.2	.3	.3	.3	.2	.2	.2	.2	BF	.3	23	.3
2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.2	.2	.2	.3	.2	.2	.3	.2	.2	.2	.3	BF	.6	23	.6
3	.6	.6	.5	.4	.5	.4	.3	.6	.6	.6	.5	.5	AE	AE	AE	AE	AE	AE	AE	AE	.4	.5	BF	1.6	15	1.6
4	1.9	.6	.5	.9	3.4	1.9	1.4	2.0	2.3	3.5	2.8	AE	AE	AE	AE	AE	AE	AE	AE	AE	.8	.7	BF	.7	14	3.5
5	1.8	1.8	2.8	1.9	2.0	2.3	2.6	1.8	1.7	1.8	2.3	2.3	1.4	1.1	1.0	.8	.8	.5	.3	.4	.4	.3	BF	.4	23	2.8
6	.6	.4	.3	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.6	.7	.8	.7	.6	.6	.5	.5	.5	BF	.6	23	.8
7	.5	.5	.6	.7	.9	1.4	1.0	1.0	.9	.8	.8	.7	.7	AE	AE	AE	AE	AE	AE	.4	.4	.4	BF	.5	17	1.4
8	.5	1.2	1.4	.8	.5	.4	.6	.6	.9	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	9	1.4
9	.4	.4	.4	3.1	1.7	.6	.5	.5	.6	.6	.5	.5	.5	.5	.5	.5	.5	.6	.6	.6	.5	.5	BF	.5	23	3.1
10	.5	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.3	.3	BF	.3	23	.5
11	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	AV	AV	AV	21	.3
12	AV	AV	AV	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.2	.2	BF	.2	20	.2
13	.2	.2	.1	.2	.2	.2	.2	.2	.2	.1	.2	.2	.1	.1	.2	.2	.2	.2	.2	.2	.1	.2	BF	.2	23	.2
14	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	
15	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	.7	.6	.6	.5	.4	.4	.6	.7	.5	.5	.4	.4	BF	.6	13	.7
16	.6	.8	.8	1.2	2.1	1.9	1.7	1.5	1.4	2.0	1.5	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	.5	BF	.6	13	2.1
17	.6	1.3	3.8	2.5	1.5	1.1	1.6	2.6	1.8	2.0	1.7	.8	.5	.5	.5	.5	.5	.5	.6	.7	.6	.6	BF	.8	23	3.8
18	1.2	2.1	1.5	.9	.8	.8	.7	1.0	.9	.9	.8	.5	.5	.5	.4	.4	.4	.4	.5	.6	.6	.5	BF	2.9	23	2.9
19	4.5	4.5	5.7	5.2	5.8	2.3	1.3	1.1	1.4	1.6	1.3	.8	.7	.9	.7	.6	.5	.5	.6	.7	.7	2.9	BF	1.2	23	5.8
20	.9	1.8	2.1	4.3	3.1	2.9	1.2	.9	.8	.9	.8	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	.6	BF	1.6	13	4.3
21	3.1	2.5	1.8	2.4	2.2	1.3	1.2	1.6	1.6	1.2	.9	AE	AE	AE	AE	AE	AE	AE	AE	.4	.3	.7	BF	.5	15	3.1
22	.4	.5	.6	.8	2.0	1.4	.8	.9	2.4	1.7	1.3	AE	AE	AE	AE	AE	AE	AE	AE	.6	.6	.6	BF	.6	15	2.4
23	.6	.6	.6	.6	.6	1.2	1.8	1.0	1.0	1.8	1.3	1.0	AE	AE	AE	AE	AE	AE	AE	AE	.7	.7	BF	.7	15	1.8
24	.7	.7	.8	.8	.7	.7	.7	.7	.8	.9	.9	AE	AE	AE	AE	AE	AE	AE	AE	AE	.5	.5	BF	.6	14	.9
25	.5	.5	.5	.5	.5	.6	.7	1.0	.8	2.0	2.0	AE	AE	AE	AE	AE	AE	AE	AE	AE	.4	.4	BF	.5	14	2.0
26	.5	.5	.7	.7	.7	.7	.6	.7	.8	.6	.6	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	.9	BF	3.4	13	3.4
27	3.2	2.1	3.1	1.2	1.0	1.2	1.5	1.2	1.3	1.0	.8	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	.7	BF	1.0	13	3.2
28	1.1	1.2	1.3	2.3	1.9	2.6	1.7	1.0	1.0	1.0	1.0	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	.8	BF	.7	13	2.6
29	.7	.6	.5	.5	.6	.6	.5	.5	.5	.4	.5	.5	.5	.6	.7	1.0	.6	.6	.7	.8	.7	.6	BF	.6	23	1.0
30	.6	.5	.6	.6	.5	.7	.7	.5	.5	.6	.6	.6	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	BF	.4	23	.7
31																									0	
NO.:	27	27	27	28	28	28	28	28	28	27	28	18	16	15	15	15	15	15	15	18	23	27		27		
MAX:	4.5	4.5	5.7	5.2	5.8	2.9	2.6	2.6	2.4	3.5	2.8	2.3	1.4	1.1	1.0	1.0	.8	.7	.7	.8	.8	2.9		3.4		
AVG:	1.00	1.00	1.19	1.21	1.23	1.02	.88	.86	.91	1.01	.91	.58	.46	.46	.44	.45	.42	.41	.40	.44	.44	.59		.84		

MONTHLY OBSERVATIONS: 523 MONTHLY MEAN: .81 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

SITE ID: 37-021-0037 POC: 1
COUNTY: (021) Buncombe
CITY: (58260) Royal Pines
SITE ADDRESS: Crestwood Drive Air Monitor
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (171) WESTERN MOUNTAIN
URBANIZED AREA: (0480) ASHEVILLE, NC
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 35.4819632643
LONGITUDE: -82.509718573
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 2134
PROBE HEIGHT:

SUPPORT AGENCY: () Not Found
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.4	.4	AE	AE	AE	AE	AE	AE	AE	AE	.4	.4	.4	AE	AE	AE	AE	AE	.4	.4	.4	.3	AE	AE	9	.4
2	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	.4	.4	AE	AE	AE	AE	AE	AE	AE	.4	.4	.4	BF	.4	6	.4
3	.4	.4	.3	.4	AE	AE	AE	.4	.4	.4	.4	.4	.4	AE	AE	AE	AE	AE	AE	.5	.4	.5	BF	.5	14	.5
4	.5	.5	.5	.5	2.3	.8	AE	AE	.8	1.0	.9	.7	AE	AE	AE	AE	AE	AE	AE	.5	.5	.5	BF	.5	14	2.3
5	.5	.5	.6	1.6	1.2	1.9	AE	AE	AE	3.0	2.7	1.5	AE	AE	AE	AE	AE	AE	AE	.7	.7	.7	BF	.8	13	3.0
6	.7	.7	.8	5.5	2.8	1.5	4.7	5.7	1.6	2.9	1.8	AE	AE	AE	AE	AE	AE	AE	AE	AE	.6	.6	BF	.5	14	5.7
7	.5	.5	.4	.4	.4	.4	.4	.3	.3	.4	.4	AE	AE	AE	AE	AE	AE	AE	AE	.3	.3	.3	BF	.3	15	.5
8	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	BF	.7	23	.7
9	.4	.3	.3	.2	.2	.2	.2	.2	.4	AE	AE	AE	.6	.5	.6	.5	.4	.4	.4	.4	.4	.3	BF	.4	20	.6
10	.3	.3	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	BF	.5	23	.5
11	.5	.5	.4	.4	.4	.4	.4	.4	.4	.5	1.2	1.2	.5	.5	.4	.4	.4	.4	.4	.4	.5	.4	BF	3.1	23	3.1
12	2.5	2.4	.7	.4	.3	.3	.4	.5	.5	.6	.6	.5	.5	.4	.5	.5	.6	.6	.6	.5	.6	.6	BF	.5	23	2.5
13	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3	BF	.3	23	.3
14	.3	.3	.3	.3	.5	.5	.5	.4	.6	.8	.9	.8	.5	.4	.9	.8	.6	.7	.7	.6	.6	.6	BF	.6	23	.9
15	.6	.5	.5	.5	.4	.4	.4	.4	.4	.5	.5	.5	1.0	.9	1.9	.6	.7	.5	.4	.4	.4	.4	BF	.7	23	1.9
16	.5	.2	.2	.2	.2	.2	AE	AE	AE	AE	AE	.3	.3	.3	.3	.3	.3	.3	AE	AE	AE	AE	AE	AE	13	.5
17	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	.5	.5	.7	.9	.8	.6	.5	.4	AE	AE	AE	AE	AE	8	.9
18	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	.6	.5	.4	.4	.4	.5	.4	.5	.4	AE	AE	AE	AE	9	.6
19	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	.6	.5	.6	.6	.4	.5	.4	.4	.4	.5	AE	AE	AE	10	.6
20	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	.5	.4	.4	.4	.4	.4	.5	.5	.4	.4	.4	BF	.5	12	.5
21	.5	.5	.5	.5	.5	AE	AE	AE	.5	.6	.6	.6	.7	.6	.6	.7	.8	.8	.8	.7	.8	.8	BF	.7	20	.8
22	.7	AE	AE	AE	AE	AE	AE	AE	AE	.6	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	BF	.3	15	.7
23	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.5	.3	.3	.4	.3	AE	AE	AE	AE	20	.5
24	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	1.0	.5	.4	.3	.3	.3	.3	AE	AE	AE	AE	AE	AE	7	1.0
25	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	BF	.5	12	.5
26	.4	.4	.4	.4	.4	.5	.5	2.1	.9	.7	.6	1.4	2.1	1.8	2.3	1.6	.9	.7	.6	.6	.5	.5	BF	.6	23	2.3
27	.6	.6	.6	.5	.5	.5	.6	.5	.8	.6	.7	.6	.5	.5	.5	.6	.6	.7	.7	.7	.7	.6	BF	.7	23	.8
28	.7	.7	.7	.7	.6	.6	.6	.5	.5	.4	.4	.4	.3	.3	.3	.3	.3	.6	.4	.3	.3	.2	BF	.3	23	.7
29	.3	.3	.2	.3	.3	.2	.3	.2	.3	.3	.3	.3	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	BF	.8	23	.8
30	.6	.5	.5	.4	.5	.6	.6	.6	.6	.7	.6	.6	.9	1.2	.9	1.2	1.4	.8	.6	.7	.6	.7	BF	.7	23	1.4
31	.7	.8	1.3	.7	.6	.6	.7	.7	.7	.7	1.0	1.0	1.0	1.0	1.1	1.1	.9	.8	.8	.7	.7	.6	BF	.8	23	1.3
NO.:	24	23	22	22	21	20	17	18	20	21	23	28	26	24	24	24	24	24	23	27	26	25		24		
MAX:	2.5	2.4	1.3	5.5	2.8	1.9	4.7	5.7	1.6	3.0	2.7	1.5	2.1	1.8	2.3	1.6	1.4	.8	.8	.7	.8	.8		3.1		
AVG:	.56	.53	.45	.67	.61	.52	.65	.76	.53	.74	.69	.60	.55	.54	.62	.55	.51	.48	.47	.45	.47	.45		.65		

MONTHLY OBSERVATIONS: 530 MONTHLY MEAN: .56 MONTHLY MAX: 5.7

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5

SITE ID: 37-021-0037 POC: 1
COUNTY: (021) Buncombe
CITY: (58260) Royal Pines
SITE ADDRESS: Crestwood Drive Air Monitor
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (171) WESTERN MOUNTAIN
URBANIZED AREA: (0480) ASHEVILLE, NC
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

LATITUDE: 35.4819632643
LONGITUDE: -82.509718573
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 2134
PROBE HEIGHT:

SUPPORT AGENCY: () Not Found
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

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	.8	1.0	.8	.7	.8	.8	.8	.9	.9	.9	.9	.9	.8	.9	.9	1.0	.9	.9	.8	.8	.8	BF	.9	23	1.0
2	.9	.8	.8	.8	.8	.7	.6	.7	.7	.7	.8	.7	.7	.7	.7	.8	1.1	.8	.7	.7	.8	.8	BF	.8	23	1.1
3	.7	.7	1.2	3.6	2.8	3.9	2.5	5.2	1.9	1.2	1.2	.9	.8	1.4	4.0	2.3	1.2	.7	.5	.4	.4	.4	BF	.5	23	5.2
4	.5	.4	.4	.3	.3	.4	.4	.4	.4	.5	.4	.4	.5	.4	.5	.5	.5	.5	.4	.4	.4	.3	BF	.4	23	.5
5	.4	.4	.3	.3	.3	.3	.3	.3	.3	.4	.4	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	BF	.6	23	.6
6	.6	.6	.5	.5	.4	.4	.4	.5	.5	.6	.6	.6	.6	.5	.5	.9	.4	.3	.3	.3	.3	.3	BF	.4	23	.9
7	.3	.3	.5	1.0	.6	.3	.3	.3	.3	.3	.2	.2	.2	.3	.2	.2	.2	.2	2.9	.6	.4	.4	BF	.4	23	2.9
8	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.2	.2	.2	.3	.3	.2	.2	.3	BF	.4	23	.4
9	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	BF	.4	23	.4
10	.4	.4	.4	.4	.4	.4	.4	.5	.6	.6	.7	.6	.7	.7	.6	.6	.6	.7	.7	.7	.7	.7	BF	.7	23	.7
11	.5	.5	.4	.4	.5	.4	.4	.4	.5	.5	.5	.5	.5	.6	.6	.7	.6	.6	.6	.5	.5	.5	BF	.9	23	.9
12	1.0	1.8	1.0	.7	.7	.8	.7	.6	.7	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.4	.5	.4	BF	.5	23	1.8
13	.5	.5	.4	.4	.4	.4	.4	.4	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	BF	.6	23	.6
14	.5	.5	.5	.7	1.0	1.2	.7	.7	.8	.9	.9	.8	2.1	.9	.6	.8	.7	.7	.6	.5	.5	.5	BF	.6	23	2.1
15	.5	.5	.5	.5	.5	.5	.5	.5	.6	.7	BA	3.3	.7	.6	.6	.6	.6	.6	.5	.6	.6	.5	BF	.9	22	3.3
16	.9	.7	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	.5	.5	BF	.5	23	.9
17	.5	.5	1.3	1.1	1.0	1.1	.5	.4	.9	.8	.8	1.1	.8	.7	.6	.6	.6	.7	.8	.7	.6	.6	BF	.7	23	1.3
18	.6	.6	.6	.7	.6	.6	.6	.7	.8	.8	.8	.8	.8	.8	.8	.7	.7	.6	.6	.7	.6	.6	BF	.6	23	.8
19	.4	.3	.3	.3	.3	.3	.3	.3	.3	.4	.4	.3	.3	.3	.3	.4	.3	.4	.4	.4	.4	.4	BF	.7	23	.7
20	.5	.5	.5	.5	.4	.4	.4	.4	.4	.5	.5	.5	.5	.8	.8	.7	.6	.6	.6	.5	.6	.5	BF	.6	23	.8
21	.5	.5	.6	.5	.6	.6	.7	.7	.7	.6	.6	.6	.6	.5	.5	.5	.5	.5	.4	.4	.4	.4	BF	.5	23	.7
22	.4	.4	.4	.4	.4	.4	.5	.6	.8	1.0	1.1	.9	.8	.7	.7	.8	.7	.6	.6	.6	.6	.5	BF	.6	23	1.1
23	.5	.5	.5	.5	.5	.6	.6	.6	.8	.9	.7	.7	.7	.7	1.0	.9	.8	.7	.6	.8	3.1	1.2	BF	.7	23	3.1
24	.7	1.2	2.7	2.3	6.3	9.8	3.4	4.3	3.8	4.0	4.8	2.8	1.6	1.4	1.0	1.0	1.0	.9	.8	.8	.8	.8	BF	.8	23	9.8
25	.8	2.3	1.1	.9	1.0	.9	1.0	1.1	1.5	.9	.8	.6	.9	1.4	1.7	1.5	1.3	1.3	1.2	1.1	1.1	1.0	BF	.9	23	2.3
26	.7	.7	.6	.5	.5	.5	.5	.6	.6	.5	.5	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	BF	.6	23	.7
27	.6	.5	.6	.7	.6	.6	.6	.6	.6	.7	.6	.6	.6	.9	1.6	.9	.7	.7	.6	.7	.6	.6	BF	.6	23	1.6
28	.6	.6	.6	.7	.7	.7	.7	.7	.7	.7	.7	.8	.8	.8	.7	.8	.7	.7	.7	.8	.7	.7	BF	.7	23	.8
29	.7	.7	2.0	10.4	5.2	1.6	.9	1.0	2.7	1.6	1.0	1.0	1.0	1.1	1.4	1.5	1.4	1.1	1.1	1.1	1.0	1.0	BF	1.2	23	10.4
30	1.0	.9	.8	1.2	11.2	15.6	6.2	7.9	5.2	2.2	3.1	4.9	2.5	1.5	1.2	1.5	1.4	1.2	1.1	1.0	1.0	.9	BF	1.1	23	15.6
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	29	30	30	30	30	30	30	30	30	30	30	30		30		
MAX:	1.0	2.3	2.7	10.4	11.2	15.6	6.2	7.9	5.2	4.0	4.8	4.9	2.5	1.5	4.0	2.3	1.4	1.3	2.9	1.1	3.1	1.2		1.2		
AVG:	.59	.66	.72	1.07	1.32	1.51	.88	1.07	.98	.83	.87	.91	.75	.72	.81	.76	.68	.63	.68	.59	.66	.58		.66		

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .82 MONTHLY MAX: 15.6

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: 37-021-0037 POC: 1
COUNTY: (021) Buncombe
CITY: (58260) Royal Pines
SITE ADDRESS: Crestwood Drive Air Monitor
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (171) WESTERN MOUNTAIN
URBANIZED AREA: (0480) ASHEVILLE, NC
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 35.4819632643
LONGITUDE: -82.509718573
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 2134
PROBE HEIGHT:

SUPPORT AGENCY: () Not Found
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2017

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	.6	.6	.5	.5	.5	.5	.5	.5	.6	.6	.6	.6	.8	.8	.7	.7	.7	.7	.7	.7	.7	BF	.7	23	.9
2	.7	.7	.7	.8	.8	.7	.7	.7	.7	.8	.8	.8	.8	.9	.9	.9	1.0	.9	1.0	.8	.8	.8	BF	.9	23	1.0
3	.8	.8	.8	.7	.8	.6	.8	1.0	.8	.7	.7	.6	.6	.6	.6	.7	.7	.6	.6	.6	.6	.6	BF	.9	23	1.0
4	.7	.9	.7	.7	.7	.7	.6	.6	.7	.8	.8	1.0	.8	.8	.8	.8	.8	.7	.7	.7	.7	.7	BF	.7	23	1.0
5	.7	.7	.6	.6	.7	.7	.8	.8	.8	.7	.6	.5	.5	.5	.5	.4	.3	.3	.3	.6	.4	.4	BF	.4	23	.8
6	.4	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.4	.5	.5	.5	.5	.5	.5	BF	.6	23	.6
7	.5	.5	.5	.5	.5	.6	.7	.7	.7	.7	.8	.7	.8	1.3	1.8	.7	.5	.5	.5	.5	.5	.6	BF	.7	23	1.8
8	.7	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	BF	.8	23	.8
9	.6	.6	.6	.6	.6	.6	.7	.7	1.0	1.1	1.0	.9	.7	.5	.5	.5	.6	.5	.6	.6	.6	.5	AS	1.2	23	1.2
10	.9	.8	.7	.7	.6	.6	.6	.6	.6	.6	.6	.6	.8	1.2	2.0	2.1	1.3	.7	.6	.9	.6	.7	BF	1.0	23	2.1
11	1.0	.7	.7	.8	.8	.9	.9	.9	1.0	1.4	1.0	1.3	1.2	1.7	1.5	1.3	1.2	.9	.8	.8	.8	.9	BF	3.9	23	3.9
12	2.5	2.4	2.3	4.3	1.3	.9	.9	.9	.7	.7	.7	.6	.5	.5	.5	.5	.4	.5	.5	.5	.5	.6	AS	.8	23	4.3
13	.8	.9	1.1	1.2	1.2	1.2	1.2	1.1	1.0	1.0	.9	7.0	1.9	1.1	.8	.6	.6	.6	.7	1.0	.9	3.2	BF	1.8	23	7.0
14	2.1	4.4	2.7	1.5	1.0	1.0	1.0	1.0	1.0	1.0	.9	.9	.9	1.0	1.0	.9	.8	.8	1.0	1.0	1.0	1.0	BF	1.0	23	4.4
15	.9	.7	.7	.7	.8	.8	.9	.7	.7	.7	.7	.7	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	AS	1.4	23	1.4
16	1.1	.9	.9	.8	.7	.7	.7	.7	.7	.9	.9	.8	.8	2.4	2.8	2.9	2.4	1.3	.8	.7	1.3	.9	BF	2.2	23	2.9
17	7.0	8.1	6.8	5.1	5.0	5.1	2.2	3.4	1.6	1.0	1.1	1.0	1.1	1.3	1.3	1.1	.9	.7	.8	.8	.9	1.2	BF	1.2	23	8.1
18	1.3	1.5	1.6	1.4	1.0	.8	.7	.7	.7	.7	.7	.7	.7	.7	.6	.6	.6	.5	.5	.6	.6	.6	BF	.6	23	1.6
19	.6	.5	.5	.5	.5	.5	.6	.6	.6	.7	.8	.9	1.3	1.3	1.2	1.2	1.4	1.1	1.4	2.0	.9	.7	BF	1.1	23	2.0
20	.6	.6	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	BF	.5	23	.6
21	.5	.5	.5	.4	.4	.4	.4	.4	.4	.5	.5	.6	.6	.6	.7	.7	.7	.7	.7	.6	.6	.6	BF	.6	23	.7
22	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.6	.7	.8	.8	.7	.6	.6	.6	.5	.5	.5	.4	BF	.4	23	.8
23	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.3	.3	1.2	.6	.4	.3	.3	.3	BF	.4	23	1.2
24	.4	.4	.3	.3	.3	.4	.4	.4	.4	.5	.4	.4	.4	.5	.7	.7	.5	.4	.9	.9	.4	.4	BF	.5	23	.9
25	.4	.4	.4	.4	.4	.5	.5	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.6	.6	.6	AS	.7	23	.7
26	.7	.6	.6	.6	.6	.6	1.7	1.9	.7	1.0	1.4	1.1	1.0	1.2	1.3	.9	.8	.7	.7	.7	.7	1.0	BF	.7	23	1.9
27	.7	.7	.7	.7	.7	.9	1.0	.9	1.0	1.0	1.0	1.0	1.1	1.2	1.1	1.2	1.3	.9	.8	.8	.9	.9	BF	1.5	23	1.5
28	1.3	1.1	1.0	1.2	1.3	.9	1.1	1.6	1.1	2.0	1.3	1.1	.9	.8	.8	.8	1.6	.9	.8	.8	.8	.9	BF	1.0	23	2.0
29	1.0	1.1	1.2	1.3	1.3	1.7	1.3	1.3	1.4	1.2	.9	.9	.8	.7	.8	.7	.7	.7	.6	.9	.7	.9	BF	1.2	23	1.7
30	1.1	1.0	1.3	1.4	1.0	.9	.9	.9	1.1	.9	.9	1.0	.9	.9	.8	.8	.8	.9	1.0	1.0	.9	.9	BF	1.4	23	1.4
31	1.1	1.0	.9	.9	.9	.8	.9	.9	.8	.8	.8	.7	.8	.8	.8	.8	.7	.9	1.0	1.0	.8	.7	AS	1.6	23	1.6
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:	7.0	8.1	6.8	5.1	5.0	5.1	2.2	3.4	1.6	2.0	1.4	7.0	1.9	2.4	2.8	2.9	2.4	1.3	1.4	2.0	1.3	3.2		3.9		
AVG:	1.06	1.13	1.03	1.00	.86	.85	.80	.85	.75	.79	.76	.94	.77	.86	.91	.83	.83	.68	.69	.74	.68	.76		1.05		

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: .85 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: 37-027-0003 POC: 1
COUNTY: (027) Caldwell
CITY: (37760) Lenoir
SITE ADDRESS: 219 NUWAY CIRCLE
SITE COMMENTS: SLAMS OZONE PEAK CONC. SITE URBAN SCALE ON LINE 1981
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (165) EASTERN MOUNTAIN
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: INDUSTRIAL
LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
LATITUDE: 35.935833
LONGITUDE: -81.530278
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 366
PROBE HEIGHT: 4.01

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 2017

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	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.2	-.2	-.2	-.3	-.2	.0	.0	.0	.0	.0	23	0.0
2	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.3	-.4	-.3	-.2	-.4	-.3	-.4	-.4	-.4	-.3	-.4	-.4	23	0.0
3	BF	-.3	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.3	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.3	-.1	-.1	-.1	-.1	-.1	-.1	23	-.1
4	BF	-.1	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.2	-.1	-.1	-.3	-.1	-.1	.0	-.2	-.2	-.2	-.1	.0	.0	.0	.0	23	0.0
5	BF	.0	.0	.0	.0	.0	.0	.2	.3	-.1	.0	.0	.0	.0	.0	.3	.1	.0	.1	.0	.0	.0	-.1	-.1	23	.3
6	BF	.0	-.1	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
7	BF	.1	.0	-.2	-.1	-.2	-.2	-.2	-.2	-.1	-.1	.0	.0	.0	.0	.1	.3	.9	.7	.7	.3	.3	.4	.6	23	.9
8	BF	.4	.2	.1	.3	.4	.6	.8	.5	1.3	1.1	.5	.3	.3	.5	.5	.6	.6	.6	.6	.6	.5	.5	.1	23	1.3
9	BF	.0	.0	.0	.0	.0	.2	.3	.2	.4	.5	.5	.6	.5	.5	.5	.3	.3	.3	.2	.1	.1	.0	.0	23	.6
10	BF	.1	.1	.3	.2	.2	.1	.2	.4	.3	BA	.2	.4	.3	.3	.2	.3	.3	.1	.1	.1	.0	.0	.0	22	.4
11	BF	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.2	-.1	.0	.0	.0	.0	23	0.0
12	BF	.0	.0	.0	.0	-.1	-.2	.0	.0	.0	.0	-.2	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.3	-.4	-.3	-.4	-.4	23	0.0
13	BF	-.3	-.4	-.4	-.4	-.4	-.3	-.2	.2	-.1	-.3	-.1	-.1	-.2	-.2	-.3	-.2	-.2	-.3	-.3	-.3	-.4	-.4	-.4	23	.2
14	BF	-.3	-.4	-.3	-.3	-.5	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.4	23	-.3
15	BF	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.3	-.2	-.2	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	23	-.2
16	BF	-.4	-.4	-.2	-.2	-.2	-.2	-.1	-.1	-.2	-.2	-.1	-.2	-.4	-.4	-.4	-.4	-.5	-.5	-.4	-.5	-.4	-.5	-.5	23	-.1
17	BF	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.5	-.5	-.5	-.5	23	-.3
18	BF	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.4	-.4	-.4	-.4	-.3	-.2	-.3	-.3	-.2	-.3	-.3	-.4	-.4	-.4	23	-.2
19	BF	-.4	-.5	-.4	-.4	-.4	-.3	-.1	-.1	.0	.1	.0	.0	-.1	-.1	-.1	.0	-.1	-.1	-.3	-.3	-.4	-.4	-.4	23	.1
20	BF	-.4	-.4	-.4	-.5	-.4	-.5	-.5	-.5	-.5	-.4	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	23	-.4
21	BF	-.5	-.6	-.5	-.5	-.5	-.5	-.5	-.6	-.6	-.6	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.3	-.3	-.3	-.4	-.3	-.3	23	-.3
22	BF	-.2	-.4	-.6	-.6	-.6	-.6	-.6	-.5	-.5	-.5	-.6	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.5	-.6	23	-.2
23	BF	-.6	-.6	-.6	-.6	-.6	-.7	-.5	-.4	-.3	-.3	-.3	BA	-.3	-.3	-.3	-.3	-.3	-.5	-.6	-.5	-.6	-.6	-.6	22	-.3
24	BF	-.5	-.6	-.5	-.5	-.4	-.3	-.2	-.2	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.4	23	-.2
25	BF	-.3	-.4	-.4	-.4	-.4	-.3	-.2	-.1	-.4	-.3	-.3	-.3	-.1	-.1	.0	-.2	-.3	-.3	-.4	-.3	-.3	-.3	-.3	23	0.0
26	BF	-.3	-.4	-.4	-.4	-.5	-.5	-.4	-.4	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.3	-.4	23	-.3
27	BF	-.3	-.4	-.4	-.4	-.3	-.3	-.3	-.3	-.4	-.3	-.4	-.3	-.4	-.3	-.4	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.3	23	-.3
28	BF	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.3	-.3	23	-.2
29	BF	.0	-.2	-.2	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.1	-.2	.0	.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	23	.2
30	BF	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.2	-.2	-.1	-.1	-.1	-.2	-.2	-.1	-.1	.0	-.1	-.1	-.1	-.2	-.2	23	0.0
31	BF	-.1	-.3	-.3	-.2	-.3	-.2	.1	.2	.1	.0	.0	.0	-.1	-.1	.0	.0	.0	-.1	.0	-.1	-.1	-.1	-.2	23	.2
NO.:		31	31	31	31	31	31	31	31	31	30	31	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:		.4	.2	.3	.3	.4	.6	.8	.5	1.3	1.1	.5	.6	.5	.5	.5	.6	.9	.7	.7	.6	.5	.5	.6		
AVG:		-.20	-.27	-.27	-.26	-.27	-.25	-.18	-.15	-.15	-.15	-.17	-.16	-.19	-.18	-.16	-.19	-.18	-.18	-.20	-.21	-.22	-.23	-.25		

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: -.20 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: 37-027-0003 POC: 1
COUNTY: (027) Caldwell
CITY: (37760) Lenoir
SITE ADDRESS: 219 NUWAY CIRCLE
SITE COMMENTS: SLAMS OZONE PEAK CONC. SITE URBAN SCALE ON LINE 1981
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (165) EASTERN MOUNTAIN
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: INDUSTRIAL
LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
LATITUDE: 35.935833
LONGITUDE: -81.530278
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 366
PROBE HEIGHT: 4.01

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 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	-.2	-.3	-.3	-.2	-.2	-.1	.0	.1	.0	.0	.0	.1	.3	.3	.2	.2	.0	.0	.0	-.1	.0	-.1	-.1	23	.3
2	BF	-.2	-.2	-.3	-.3	-.3	-.3	-.2	-.1	-.2	.0	AZ	AZ	AZ		.0	.1	.4	.1	.0	-.1	-.2	-.2	.0	-.1	20	.4
3	BF	-.4	-.4	-.3	-.3	-.4	-.4	-.3	-.3	-.3	-.1	-.1	-.2	-.1	-.1	-.2	.0	.7	.8	-.1	-.2	-.1	-.1	-.1	23	.8
4	BF	.0	-.1	-.2	-.2	-.2	-.2	-.2	.0	.1	.0	.0	.0	.0	-.1	-.1	-.1	-.1	.0	.0	.1	.1	.0	.1	23	.1
5	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.2	.1	.0	-.1	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	23	.2
6	BF	-.3	-.3	-.4	-.4	-.4	-.3	-.1	.0	-.1	-.2	1.6	.3	.2	.0	.1	.0	.0	.0	.0	.0	-.1	-.1	-.1	23	1.6
7	BF	-.4	-.4	-.5	-.4	-.5	-.4	-.3	-.2	-.1	-.2	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.5	-.5	-.5	-.6	23	-.1
8	BF	-.6	-.6	-.6	-.7	-.6	-.6	-.6	-.5	-.6	-.6	-.5	-.5	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.6	-.6	-.6	23	-.5
9	BF	-.6	-.7	-.7	-.6	-.6	-.6	-.6	-.3	-.5	-.5	-.4	-.4	-.5	-.5	-.5	-.5	-.4	-.4	-.3	-.3	-.4	-.3	-.3	23	-.3
10	BF	-.1	-.3	-.4	-.3	-.3	-.3	-.3	-.2	.0	.0	-.2	-.2	-.2	-.2	-.1	.0	.0	-.2	-.2	-.2	-.2	-.3	-.2	23	0.0
11	BF	-.2	-.3	-.3	-.4	-.3	-.4	-.3	-.3	-.2	-.1	-.1	-.2	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.5	23	-.1
12	BF	-.5	-.6	-.6	-.6	-.6	-.7	-.6	-.5	-.5	-.5	-.4	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.5	-.3	-.1	.2	.2	23	.2
13	BF	.0	-.2	-.4	-.4	-.3	-.4	-.3	-.4	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.1	.0	.2	.1	.0	-.1	-.2	23	.2
14	BF	-.3	-.3	-.4	-.4	-.4	-.4	-.3	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.2	-.2	-.2	-.3	-.4	-.3	23	0.0
15	BF	-.4	-.4	-.4	-.3	-.5	-.5	-.5	-.5	-.4	-.3	-.3	-.4	-.5	-.4	-.3	-.1	-.1	-.1	-.3	-.5	-.5	-.4	-.4	23	-.1
16	BF	-.3	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.3	-.3	-.3	23	-.1
17	BF	-.3	-.4	-.4	-.4	-.4	-.3	-.2	-.1	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	.0	-.1	-.2	-.3	-.3	-.3	23	0.0
18	BF	-.4	-.4	-.4	-.4	-.5	-.5	-.4	-.4	-.3	-.2	-.2	-.2	-.2	-.3	-.2	-.1	-.3	-.4	-.3	-.3	-.4	-.5	-.4	23	-.1
19	BF	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.3	-.4	-.4	-.5	-.5	-.5	-.4	-.4	-.4	-.4	-.4	-.3	-.2	-.4	-.5	23	-.2
20	BF	-.2	-.3	-.3	-.3	-.3	-.2	-.2	.0	BA	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.2	-.4	-.4	-.2	-.2	-.2	-.2	22	0.0
21	BF	-.4	-.5	-.5	-.4	-.4	-.5	-.4	-.3	.0	.0	.0	-.1	-.2	-.3	-.3	-.3	-.2	-.2	-.2	-.3	-.4	-.4	-.3	23	0.0
22	BF	-.4	-.3	-.3	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.6	-.6	-.6	23	-.3
23	BF	-.7	-.6	-.7	-.6	-.6	-.6	-.5	-.6	-.6	-.4	-.4	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.7	-.7	-.6	23	-.4
24	BF	-.6	-.6	-.6	-.7	-.7	-.6	-.5	-.2	-.3	-.3	-.3	-.3	-.3	-.4	8.5	-.4	-.4	-.7	-.6	-.7	-.7	-.7	-.7	23	8.5
25	BF	-.7	-.6	-.7	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.6	-.7	-.7	-.6	-.6	-.7	-.6	-.6	-.5	-.6	-.5	23	-.5
26	BF	-.1	-.4	-.4	-.4	-.5	-.5	-.5	-.3	-.2	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	23	-.1
27	BF	-.3	-.4	-.5	-.5	-.4	-.3	-.3	-.2	-.3	-.1	.0	-.1	-.1	-.1	.0	.0	.0	.0	-.1	-.1	-.2	-.2	-.2	23	0.0
28	BF	-.3	-.3	-.4	-.4	-.4	-.4	-.3	-.2	-.2	-.1	-.2	-.2	-.2	-.3	-.3	-.4	-.4	-.5	-.6	-.6	-.6	-.6	-.6	23	-.1
29																									0	
30																									0	
31																									0	
NO.:		28	28	28	28	28	28	28	28	27	28	27	27	27	28	28	28	28	28	28	28	28	28	28		
MAX:		0.0	-.1	-.1	-.1	-.1	-.1	0.0	.1	.1	0.0	1.6	.3	.3	.3	8.5	.4	.7	.8	.2	.1	.1	.2	.2		
AVG:		-.34	-.39	-.43	-.42	-.43	-.42	-.36	-.28	-.26	-.23	-.16	-.24	-.26	-.29	.05	-.24	-.23	-.26	-.29	-.32	-.33	-.34	-.33		

MONTHLY OBSERVATIONS: 640 MONTHLY MEAN: -.29 MONTHLY MAX: 8.5

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

(42401) Sulfur dioxide

SITE ID: 37-027-0003 POC: 1
COUNTY: (027) Caldwell
CITY: (37760) Lenoir
SITE ADDRESS: 219 NUWAY CIRCLE
SITE COMMENTS: SLAMS OZONE PEAK CONC. SITE URBAN SCALE ON LINE 1981
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (165) EASTERN MOUNTAIN
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: INDUSTRIAL
LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
LATITUDE: 35.935833
LONGITUDE: -81.530278
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 366
PROBE HEIGHT: 4.01

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 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	-.6	-.6	-.7	-.7	-.7	-.6	-.3	-.1	-.4	-.5	-.4	-.5	-.6	-.7	-.7	-.7	-.8	-.8	-.7	-.8	-.8	-.8	-.7	23	-.1
2	BF	-.5	-.6	-.6	-.4	-.1	-.2	-.3	-.1	-.3	-.6	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	23	-.1
3	BF	-.3	-.4	-.5	-.5	-.5	-.1	.4	.1	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.1	-.1	.0	-.1	-.3	-.3	23	.4
4	BF	-.2	-.3	-.2	-.3	-.3	-.3	-.3	-.2	.3	.0	.0	-.1	-.2	-.2	-.1	-.1	-.1	.0	-.2	-.2	-.2	-.2	-.2	23	.3
5	BF	-.3	-.3	-.2	-.1	-.1	-.2	-.2	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	-.1	-.2	-.2	-.3	-.3	23	0.0
6	BF	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	BA	BA	BA	BA	-.3	-.3	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.4	19	-.2
7	BF	-.4	-.5	-.5	-.5	-.5	-.5	-.6	-.6	-.6	-.5	-.5	-.5	-.6	-.6	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.7	-.6	23	-.4
8	BF	-.6	-.7	-.5	-.5	-.4	.2	.2	-.2	-.3	-.5	-.5	-.6	-.6	-.6	-.5	-.5	-.5	-.4	-.4	-.4	-.5	-.5	-.5	23	.2
9	BF	-.5	-.5	-.5	-.5	-.6	-.5	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.5	-.4	-.4	-.4	-.4	-.5	-.4	-.5	23	-.3
10	BF	-.4	-.5	-.5	-.5	-.6	-.5	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.5	-.3	-.3	-.1	-.2	-.2	-.1	-.2	-.3	23	-.1
11	BF	-.4	-.5	-.4	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.2	-.2	-.2	-.3	.4	.5	.6	.2	-.2	23	.6
12	BF	.1	.0	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.2	-.2	-.1	-.1	-.2	-.2	-.2	-.3	-.2	23	.1
13	BF	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.1	-.1	-.1	-.2	-.1	-.2	-.2	-.2	-.2	-.3	-.2	-.3	-.3	-.3	-.3	23	-.1
14	BF	-.3	-.4	-.4	-.4	-.4	-.6	-.6	-.5	-.6	-.6	-.6	-.6	-.6	-.4	-.5	-.3	-.2	-.5	-.6	-.6	-.5	-.4	-.4	23	-.2
15	BF	-.3	-.4	-.4	-.4	.0	-.1	.1	.0	-.2	-.2	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.3	.3	-.1	23	.3
16	BF	.0	.0	.0	-.2	-.4	-.2	-.1	-.1	-.1	-.1	-.1	-.1	.0	.3	.4	.0	.0	-.1	.0	-.1	-.2	-.2	-.2	23	.4
17	BF	-.4	-.3	-.3	-.4	-.3	-.3	-.3	-.2	-.2	-.2	-.1	.0	.0	-.1	.0	.0	-.2	-.3	-.3	-.4	-.4	-.5	-.5	23	0.0
18	BF	-.5	-.6	-.6	-.5	-.6	-.6	-.6	-.6	-.5	-.5	-.5	-.6	-.7	-.6	-.7	-.7	-.7	-.6	-.6	-.5	-.6	-.6	-.5	23	-.5
19	BF	-.5	-.6	-.6	-.5	-.5	-.5	-.5	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.5	-.5	-.5	-.5	23	-.4
20	BF	-.6	-.6	-.6	-.6	-.6	-.5	-.2	-.3	-.2	.0	.0	-.1	-.2	-.2	.0	-.1	-.2	-.3	-.3	-.4	-.5	-.5	-.5	23	0.0
21	BF	-.5	-.6	-.6	-.6	-.6	-.4	-.2	-.4	-.5	-.4	-.5	-.6	-.7	-.6	-.7	-.7	-.7	-.8	-.7	-.5	-.6	-.7	-.6	23	-.2
22	BF	-.6	-.8	-.8	-.8	-.6	-.7	-.7	-.7	-.7	-.6	-.6	-.5	-.5	-.4	-.4	-.3	-.4	-.5	-.5	-.5	-.5	-.5	-.5	23	-.3
23	BF	-.5	-.5	-.5	-.6	-.5	-.3	-.3	-.1	-.1	.0	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.4	-.4	-.5	-.5	23	0.0
24	BF	-.5	-.5	-.5	-.5	-.4	-.4	-.4	-.3	-.3	-.4	-.4	-.4	-.5	-.4	-.5	-.6	-.6	-.6	-.6	-.5	-.5	-.6	-.6	23	-.3
25	BF	-.6	-.6	-.7	-.7	-.7	-.6	-.3	-.6	-.6	-.7	-.7	-.7	-.7	-.8	-.7	-.7	-.7	-.8	-.7	-.7	-.7	-.7	-.7	23	-.3
26	BF	-.6	-.8	-.8	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.8	-.8	-.7	-.8	-.8	-.8	-.8	-.8	-.8	-.8	-.8	-.9	-.8	23	-.6
27	BF	-.8	-.8	-.9	-.8	-.9	-.6	-.8	-.8	-.8	-.8	-.8	-.8	-.8	-.8	-.7	-.8	-.8	-.8	-.9	-.9	-.9	-.8	-.9	23	-.6
28	BF	-.8	-.9	-.8	-.9	-.8	BK	2.9	-.8	-.9	-.7	-.8	-.9	-.8	-.9	-.9	-.9	-.8	-.8	-.8	-.6	-.5	-.7	-.8	22	2.9
29	BF	-.8	-.8	-.8	-.8	-.8	-.8	3.6	-.7	-.8	-.8	-.7	-.7	-.8	-.8	-.8	-.8	-.8	-.8	-.7	-.7	.1	.4	-.3	23	3.6
30	BF	-.5	-.6	-.7	-.7	-.7	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	5	-.5
31	BK	BK	BK	BK	BK	BK	BK	BK	-.9	-.9	-.9	-1.0	-.9	-.9	-1.0	-.9	-1.0	-1.0	-.9	-.9	-.9	-.8	-.9	-.9	16	-.8
NO.:		30	30	30	30	30	28	29	30	30	29	29	29	29	30	30	30	30	30	30	30	30	30	30		
MAX:		.1	0.0	0.0	-.1	0.0	.2	3.6	.1	.3	0.0	0.0	0.0	0.0	.3	.4	0.0	.1	.2	.4	.5	.6	.4	-.1		
AVG:		-.45	-.51	-.51	-.51	-.48	-.39	-.07	-.37	-.40	-.42	-.42	-.44	-.45	-.44	-.41	-.43	-.43	-.44	-.42	-.42	-.39	-.43	-.47		

MONTHLY OBSERVATIONS: 683 MONTHLY MEAN: -.42 MONTHLY MAX: 3.6

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

(42401) Sulfur dioxide

SITE ID: 37-063-0015 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 2017

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	.7	.8	.8	.8	.5	.3	.3	.3	.4	.3	.3	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.8
2	BF	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.0	.0	.0	.1	23	.2
3	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
4	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	23	.2
5	BF	.1	.0	.0	.0	.1	.1	.2	.7	3.3	.8	.4	.2	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	23	3.3
6	BF	.6	1.6	2.0	1.4	1.5	4.6	6.1	1.0	BA	BA	BA	.7	.8	.5	.3	.2	.1	.5	.7	.6	.5	.3	.3	20	6.1
7	.5	BF	.5	.5	.6	.7	.5	.5	.5	.4	.5	1.0	1.5	1.6	1.9	1.4	.5	.9	1.2	1.5	1.9	1.5	.8	.6	23	1.9
8	.6	BF	.8	.9	.9	1.1	1.1	1.1	1.1	1.0	.8	.8	.8	.8	.8	.7	.6	.6	.6	.6	.5	.5	.8	.7	23	1.1
9	.6	BF	1.5	1.7	.8	.7	.6	.6	1.0	1.0	.8	.8	1.0	1.1	.8	.8	.7	.7	.6	.7	.7	.7	.8	.7	23	1.7
10	.8	BF	.7	.7	.7	.7	.7	.8	.8	.9	.7	.8	.7	.7	.6	.6	.6	.7	1.3	1.1	.9	.7	.6	.6	23	1.3
11	.5	BF	.6	.6	.5	.5	.5	.8	.7	.7	.6	.5	.5	.5	.5	.5	.5	.9	1.1	1.1	1.2	1.0	.9	1.0	23	1.2
12	.8	BF	.2	.1	.1	.2	.3	.2	.2	.3	.4	BA	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	10	.8
13	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BA	AY	AY	.3	.2	.1	.3	.5	.3	.4	.3	.4	.3	.3	.3	12	.5
14	.4	BF	.3	.4	.3	.3	.3	.4	.3	.2	.3	.3	.3	.3	.2	.3	.3	.3	.2	.2	.2	.2	.3	.2	23	.4
15	.1	BF	.3	.2	.2	.2	.2	.2	.4	.3	.4	.4	.3	.3	.3	.4	.4	.4	.4	.3	.4	.3	.3	.4	23	.4
16	.3	BF	.4	.4	.3	.3	.4	.4	.3	.4	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.3	.3	.2	.1	23	.4
17	.1	BF	.2	.2	.2	.3	.4	.2	.2	AY	AY	AY	AY	AY	AY	AY	.0	.0	.0	.1	.0	.0	.0	.0	16	.4
18	.0	BF	.2	.1	.1	.0	.1	.4	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.0	.0	23	.8
19	.0	BF	.0	.0	.0	.1	.1	.3	.3	.4	.4	.4	.4	.2	.3	.2	.2	.2	.4	.5	.4	.4	.2	.2	23	.5
20	.1	BF	.2	.2	.3	.2	.2	.3	.2	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.3
21	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	23	0.0
22	.0	BF	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	.0	-.1	23	0.0
23	-.1	BF	.0	-.1	-.1	-.1	-.2	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	.0	.0	.2	.2	23	.2
24	.1	BF	.0	.0	.0	.0	.0	.0	.1	.2	.4	.4	.4	.4	.1	.0	.0	.1	.0	.1	.1	.1	.1	.0	23	.4
25	.0	BF	.1	.1	.1	.1	.1	.4	.4	1.1	2.3	1.1	.6	.4	.2	.2	.3	.4	.3	.3	.4	.3	.3	.3	23	2.3
26	.3	BF	.3	.3	.3	.3	.2	.2	.2	.1	.1	.1	.1	.1	.1	.3	.3	.1	.1	.2	.1	.1	.1	.1	23	.3
27	.0	BF	.2	.1	.1	.1	.2	.2	.3	.2	.2	.3	.3	.3	.2	.2	.3	.2	.3	.3	.2	.2	.2	.2	23	.3
28	.2	BF	.2	.2	.2	.1	.2	.5	1.1	.6	.3	.3	.3	.3	.3	.2	.3	.2	.3	.6	.3	.3	.3	.4	23	1.1
29	.5	BF	.2	.2	.2	.1	.1	.2	.4	.5	.5	.5	.5	.4	.3	.4	.4	.3	.3	.5	.2	.3	.2	.2	23	.5
30	.3	BF	.2	.2	.2	.1	.3	.3	.2	.2	.3	.2	.2	.3	.3	.3	.5	.4	.4	.6	.5	.5	.5	.6	23	.6
31	.6	BF	.4	.3	.4	.4	.5	.5	.6	.9	.8	.7	.7	.7	.7	.7	.6	.6	.9	.9	.9	.6	.5	.4	23	.9
NO.:	24	6	30	30	30	30	30	30	30	28	28	27	29	29	29	29	30	30	30	30	30	30	30	30		
MAX:	.8	.7	1.6	2.0	1.4	1.5	4.6	6.1	1.1	3.3	2.3	1.1	1.5	1.6	1.9	1.4	.7	.9	1.3	1.5	1.9	1.5	.9	1.0		
AVG:	.28	.28	.33	.34	.29	.28	.40	.50	.40	.49	.41	.36	.36	.36	.31	.30	.27	.27	.34	.38	.37	.31	.28	.27		

MONTHLY OBSERVATIONS: 679 MONTHLY MEAN: .34 MONTHLY MAX: 6.1

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

(42401) Sulfur dioxide

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 2017

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	BF	.4	.5	.3	.3	.5	.5	.7	.8	.8	.9	.8	1.0	.8	1.0	1.0	.9	.8	.5	.4	.4	.3	.3	23	1.0
2	.2	BF	.3	.2	.2	.2	.3	.4	.5	1.0	1.7	1.2	.9	.7	.6	.6	.7	.5	.5	.7	.6	.8	1.0	.8	23	1.7
3	.4	BF	.3	.2	.3	.3	.2	.3	.3	.3	.4	.4	.4	.4	.3	.3	.4	.4	.5	.6	.8	.7	.4	.4	23	.8
4	.5	BF	.5	.5	.6	.7	1.3	1.8	1.1	1.6	1.2	.9	.6	.6	.6	.6	.6	.6	.6	.6	.7	.7	.5	.6	23	1.8
5	.5	BF	.6	.5	.5	.5	.5	.4	.5	.5	.6	.6	.6	.6	.6	.5	.7	.6	.6	.6	.6	.5	.4	.5	23	.7
6	.3	BF	.3	.3	.3	.4	.6	.8	.7	.7	.6	.6	.6	.8	.6	.5	.5	.4	.4	.4	.5	.5	.5	.7	23	.8
7	.7	BF	.7	.5	.5	.4	.4	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	6	.7
8	BA	BF	.1	.1	.0	.0	.1	.2	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.3	.1	.0	.1	.0	22	.5
9	.0	BF	.0	.0	.0	.0	.0	.2	.3	.3	.1	.2	.1	.1	.0	.0	.0	.0	.1	.1	.2	.3	.3	.5	23	.5
10	.3	BF	.4	.3	.3	.4	.3	.5	.4	.6	.5	1.1	1.8	.9	.8	.6	.3	.4	.4	.4	.3	.4	.5	.7	23	1.8
11	.7	BF	.5	.4	.4	.4	.3	.4	.6	.7	.9	.8	.7	.6	.5	.4	.4	.4	.5	.4	.5	.4	.4	.4	23	.9
12	.2	BF	.3	.2	.2	.2	.2	.2	.5	.3	.3	.3	.2	.1	.1	.1	.0	.1	.2	.0	.0	.0	.0	.0	23	.5
13	.0	BF	.1	.1	.2	.1	.1	.1	.2	.1	.2	.2	.3	.3	.4	.5	.4	.5	.5	.4	.5	.4	.5	.5	23	.5
14	.5	BF	.2	.1	.1	.2	.3	.4	.7	.6	.6	.5	.4	.6	.5	.6	.5	.7	.7	.6	.5	.5	.5	.5	23	.7
15	.3	BF	.2	.2	.3	.2	.9	.4	.0	.0	.0	.1	.1	.2	.1	.0	.1	.1	.2	.2	.2	.3	.3	.2	23	.9
16	.1	BF	.2	.2	.1	.1	.4	.5	.6	.5	.6	.4	.4	.4	.3	.3	.3	.3	.4	.3	.3	.3	.3	.2	23	.6
17	.2	BF	.2	.2	.3	.3	.3	.4	.7	.7	.6	.6	BA	BA	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	11	.7
18	BJ	BF	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	0	
19	BJ	BF	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	0	
20	BJ	BF	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	0	
21	BJ	BF	BJ	BJ	BJ	BJ	BJ	BJ	BJ	.4	.5	.4	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.3	.2	15	.5
22	.3	BF	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.0	.1	.1	.3	.2	.2	.2	.1	23	.3
23	.1	BF	.0	.0	.0	.0	.1	.2	.3	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0	23	.4
24	.0	BF	.0	.0	.0	.1	.2	.2	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	-.1	23	.7
25	-.1	BF	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	.0	-.1	.0	.0	-.1	.0	23	0.0
26	-.1	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.1	.1	.2	.1	.3	.1	.1	23	.3
27	.1	BF	.2	.1	.2	.2	.2	.4	.5	.5	.6	.5	.4	.4	.4	.3	.4	.4	.4	.4	.5	.5	.4	.4	23	.6
28	.3	BF	.3	.3	.2	.2	.3	.5	.6	.6	.4	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	23	.6
29																									0	
30																									0	
31																									0	
NO.:	23		24	24	24	24	24	23	23	24	24	24	23	23	23	23	23	23	23	23	23	23	23	23		
MAX:	.7		.7	.5	.6	.7	1.3	1.8	1.1	1.6	1.7	1.2	1.8	1.0	.8	1.0	1.0	.9	.8	.7	.8	.8	1.0	.8		
AVG:	.26		.25	.21	.21	.22	.32	.39	.46	.47	.46	.42	.40	.37	.33	.31	.30	.30	.33	.33	.35	.36	.31	.31		

MONTHLY OBSERVATIONS: 537 MONTHLY MEAN: .33 MONTHLY MAX: 1.8

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

(42401) Sulfur dioxide

SITE ID: 37-063-0015 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 2017

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	BF	.2	.2	.2	.2	.2	.2	.1	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
2	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.1	.0	.0	.1	.0	.1	.0	.1	.2	23	.2
3	.0	BF	.1	.1	.0	.1	.3	.3	.4	.3	.3	.3	.2	.2	.1	.2	.2	.2	.3	.3	.3	.3	.9	.5	23	.9
4	.3	BF	.3	.3	.2	.2	.1	.3	.9	1.1	1.1	.6	.6	.7	.6	.5	.4	.4	.3	.3	.3	.3	.3	.2	23	1.1
5	.1	BF	.2	.3	.3	.3	.5	.6	.6	.7	.6	.6	.6	.6	.5	.5	.5	.5	.4	.4	.4	.4	.3	.3	23	.7
6	.3	BF	.2	.2	.2	.2	.3	.4	.7	.5	.5	.5	.6	.6	.5	.6	.5	.4	.4	.3	.3	.2	.3	.4	23	.7
7	.3	BF	.3	.2	.2	.2	.2	.4	.5	.6	.4	.3	.2	.3	.3	.2	.2	.2	.2	.2	.1	.1	.1	.1	23	.6
8	.0	BF	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.4	.6	.7	.9	23	.9
9	.8	BF	.8	.7	.8	.7	.7	1.0	1.7	3.6	1.6	1.1	.9	.7	.8	.8	.8	.8	.9	.8	.8	.8	.9	1.0	23	3.6
10	1.0	BF	1.0	.9	1.0	1.1	1.2	1.1	.8	.7	.7	.8	.7	.7	.6	.7	.7	.7	.7	.8	.7	.8	.9	.9	23	1.2
11	.8	BF	.9	.9	.9	.8	.9	1.0	1.1	1.1	1.1	1.1	1.1	1.0	.9	.9	1.0	1.1	.9	1.0	1.0	.9	1.1	1.6	23	1.6
12	1.5	BF	1.2	1.1	1.1	1.2	1.2	1.1	1.1	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.0	1.0	1.0	.9	23	1.5
13	1.0	BF	.9	1.0	1.0	1.0	1.1	1.4	1.5	1.3	1.3	1.3	1.2	1.1	1.1	1.0	1.0	1.0	.9	1.0	.9	.9	.9	.9	23	1.5
14	.9	BF	.9	.9	1.0	.9	1.0	.9	.8	1.3	BC	BC	BC	.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	20	1.3
15	.1	BF	.1	.0	.0	.0	.0	.2	.6	.5	.4	.5	.4	.3	.3	.2	.1	.1	.2	.2	.1	.1	.2	.1	23	.6
16	.1	BF	.2	.2	.1	.1	.2	.5	.5	.4	.4	.5	.6	.5	.3	.3	.2	.2	.2	.1	.1	.1	.1	.1	23	.6
17	.0	BF	.0	-.1	-.1	-.1	.1	.5	1.4	3.6	2.5	1.8	1.3	.7	.4	.2	.1	.1	.0	.0	.0	.0	.0	-.2	23	3.6
18	-.3	BF	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.3	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.5	23	-.2
19	-.6	BF	-.6	-.6	-.6	-.5	-.5	-.4	-.3	.0	.0	-.3	-.4	-.4	-.2	-.2	-.3	-.3	-.4	-.4	-.5	-.5	-.4	-.5	23	0.0
20	-.6	BF	-.6	-.5	-.5	-.5	-.4	-.5	.0	-.3	-.3	-.3	-.1	-.3	-.3	-.2	-.3	-.4	-.4	-.4	-.5	-.4	-.4	-.5	23	0.0
21	-.3	BF	-.3	-.4	-.4	-.3	-.4	-.3	-.2	-.2	.1	.0	.0	.0	-.4	-.4	-.5	-.5	-.4	-.3	.0	.6	.0	.3	23	.6
22	.0	BF	-.5	-.5	-.5	-.5	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.2	-.1	-.1	-.4	-.3	-.4	-.4	-.4	-.4	-.3	-.4	23	0.0
23	-.4	BF	-.2	-.3	-.2	.0	-.1	.1	-.1	-.1	-.1	-.2	-.2	-.1	-.1	-.2	-.1	-.1	-.1	-.2	-.2	-.2	-.3	-.4	23	.1
24	-.3	BF	-.4	-.4	-.5	-.4	-.4	-.2	-.1	-.2	-.1	-.3	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.4	-.5	-.5	23	-.1
25	-.5	BF	-.5	-.5	-.5	-.6	-.6	-.4	-.4	-.4	-.5	-.6	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.8	-.7	-.7	-.7	-.8	23	-.4
26	-.8	BF	-.8	-.9	-.9	-.8	-.8	-.8	-.7	-.7	-.8	-.8	-.8	-.8	-.8	-.8	-.8	-.8	-.8	-.7	-.8	-.8	-.9	-.9	23	-.7
27	-.8	BF	-.8	-.8	-.8	-.8	-.8	-.7	-.8	-.7	-.7	-.7	-.8	-.7	-.9	-.8	-.8	-.7	-.8	-.8	-.8	-.8	-.7	-.8	23	-.7
28	-.8	BF	-.7	-.7	-.7	-.8	-.8	-.8	-.7	-.7	-.7	-.9	-.9	-.9	-.9	-.8	-.8	-.7	-.7	-.8	-.7	-.8	-.8	-.8	23	-.7
29	-.8	BF	-.7	-.7	-.8	-.6	-.3	-.5	-.7	-.8	-.8	-.8	-.8	-.9	-.9	-.9	-.8	-.8	-.8	-.8	-.9	-.9	-.8	-.8	23	-.3
30	-.8	BF	-.7	-.7	-.6	-.5	-.6	-.7	-.8	-.7	-.6	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-1.0	-1.0	-1.0	23	-.5
31	-1.0	BF	-1.0	-.9	-1.0	-.9	-1.0	-1.0	-1.0	-1.0	-.9	-.9	-.9	-1.0	-1.0	-1.0	-1.1	-1.0	-1.1	-1.0	-1.0	-1.0	-1.0	-.5	23	-.5
NO.:	31		31	31	31	31	31	31	31	31	30	30	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:	1.5		1.2	1.1	1.1	1.2	1.2	1.4	1.7	3.6	2.5	1.8	1.3	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.0	1.0	1.1	1.6		
AVG:	-.02		-.02	-.04	-.04	-.02	.03	.10	.21	.33	.20	.13	.09	.05	0.00	-.01	-.04	-.03	-.05	-.05	-.05	-.04	-.01	-.01		

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: .03 MONTHLY MAX: 3.6

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

(42401) Sulfur dioxide

SITE ID: 37-063-0015 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 2017

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	BF	-.6	-.7	-.8	-.9	-.8	-.8	-.9	-.9	-.9	-.9	-.8	-.8	-.8	-.8	-.9	-.8	-.7	-.8	-.8	-.8	-.8	-.9	23	-.6
2	-.9	BF	.6	.5	-.7	-.8	-.8	-.8	-.8	-.8	-.8	-.9	-.9	-.8	-.8	-.8	-.8	-.8	-.8	-.7	-.8	-.8	-.8	-.8	23	.6
3	-.9	BF	-.9	-.9	-.9	-1.0	-.9	-.8	-.7	-.8	-.7	-.8	-.9	-.9	-.9	-.9	-1.0	-1.0	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	23	-.7
4	-1.1	BF	-1.1	-1.1	-1.1	-1.1	-1.1	-1.0	-1.0	-1.1	-1.1	-1.1	-1.0	-1.1	-1.1	-1.1	-1.0	-.9	-1.0	-1.1	-1.0	-1.1	-1.1	-1.1	23	-.9
5	-1.0	BF	-1.1	-1.2	-1.2	-1.0	-.9	-.8	-.8	-.9	-.8	-.8	-.7	-.8	-.8	-1.0	-1.0	-1.1	-1.1	-1.0	-1.0	-1.1	-1.1	-1.1	23	-.7
6	-1.1	BF	-1.0	-1.1	-1.1	-1.2	-1.1	-1.2	-1.2	-1.0	-1.1	-1.1	-1.1	-1.1	-1.1	-1.0	-1.0	-1.1	-1.1	-1.1	-1.0	-1.0	-1.0	-1.0	23	-1.0
7	-1.0	BF	-1.0	-.9	-.9	-.9	-.9	-.8	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.8	-.8	-.8	-.8	-.8	-.9	-.8	23	-.8
8	-.9	BF	-.8	-.9	-.8	-.8	-.7	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.5	-.3	-.4	-.3	-.3	-.5	-.6	-.5	-.5	-.8	23	-.3
9	-.7	BF	-.7	-.8	-.8	-.7	-.7	-.5	-.5	-.5	-.4	-.3	.0	.6	.5	.4	.3	.2	.2	.0	.0	.0	.0	-.1	23	.6
10	-.1	BF	-.2	-.3	-.3	-.3	-.2	.0	.7	.2	.1	.1	.0	.0	-.1	-.4	-.4	-.6	-.7	-.7	-.7	-.8	-.7	-.7	23	.7
11	-.7	BF	-.8	-.8	-.8	-.8	-.7	-.6	BA	-.8	-.7	-.7	-.6	-.6	-.6	-.7	-.7	-.7	-.8	-.8	-.8	-.7	-.7	-.8	22	-.6
12	-.8	BF	-.8	-.8	-.8	-.9	-.8	-.8	-.7	-.6	-.7	-.8	-.8	-.8	-.8	-.8	-.8	-.9	-.8	-.8	-.8	-.9	-.9	-1.0	23	-.6
13	-.9	BF	-.9	-1.0	-.9	-.9	-.8	-.7	-.6	-.6	-.7	-.7	-.6	-.6	-.6	-.7	-.7	-.6	-.7	-.7	-.7	-.7	-.7	-.8	23	-.6
14	-.7	BF	-.7	-.7	-.8	-.8	-.8	-.8	-.7	-.7	-.8	-.7	-.7	-.7	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.8	23	-.6
15	-.8	BF	-.8	-.9	-.9	-.9	-.9	-.8	-.6	-.6	-.7	-.8	-.7	-.7	-.8	-.8	-.9	-.9	-.8	-.9	-.9	-.9	-.9	-.8	23	-.6
16	-.8	BF	-.8	-.8	-.8	-.8	-.7	-.7	-.7	-.7	-.8	-.8	-.9	-.9	-.8	-.8	-.8	-.8	-.9	-.8	-.9	-1.0	-1.1	-1.0	23	-.7
17	-.9	BF	-.9	-1.0	-1.0	-.9	-.8	-.6	-.6	-.7	-.8	-.8	-.8	-.8	-.8	-.9	-1.0	-1.0	-1.0	-1.1	-1.0	-1.0	-1.0	-1.0	23	-.6
18	-1.1	BF	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-.9	-.8	-.8	-.8	-.8	-.9	-.9	-.9	-1.0	-1.0	-.9	-1.0	-1.0	-1.0	-.9	-1.0	23	-.8
19	-1.0	BF	-1.0	-1.0	-.9	-.9	-.9	-.9	-1.0	-.9	-1.0	-.9	-.9	-.9	-.9	-.9	-1.0	-1.0	-1.0	-1.1	-1.0	-1.1	-1.1	-1.1	23	-.9
20	-1.1	BF	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.0	-1.0	-.9	-1.0	-1.0	-1.0	-1.0	-1.0	23	-.9
21	-1.0	BF	-1.0	-1.0	-1.0	-1.0	-.9	-.6	-.6	-.6	-.6	-.7	-.9	-.9	-.9	-.9	-.9	-.9	-1.0	-.9	-.9	-.9	-.9	-1.0	23	-.6
22	-1.0	BF	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-.9	-.8	-.8	-.8	-.9	-.8	-.9	-.9	-.7	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	23	-.7
23	-1.0	BF	-.9	-1.0	-1.0	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	23	-.9
24	-1.0	BF	-1.0	-1.0	-1.0	-1.0	-.9	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.1	-1.1	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	23	-.9
25	-1.0	BF	-1.1	-1.1	-1.1	-1.0	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.0	-1.0	-.9	-1.0	-1.0	-1.0	-1.0	-1.0	-.9	-1.0	-.9	-1.0	23	-.9
26	-.8	BF	-.8	-1.1	-1.1	-1.1	-1.1	-1.0	-1.0	-1.0	-1.2	-1.2	-1.1	-1.1	-1.1	-1.2	-1.1	-1.1	-1.1	-1.1	-1.2	-1.2	-1.2	-1.2	23	-.8
27	-1.2	BF	-1.2	-1.2	-1.2	-1.3	-1.2	-1.0	-1.0	-.9	-1.0	-1.0	-1.0	-.9	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-.9	-1.0	-1.0	-.9	23	-.9
28	-1.0	BF	-1.0	-1.0	-1.0	-1.1	-1.0	-.9	-.7	-.9	-1.0	-.9	-1.0	-1.1	-1.1	-1.0	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-.9	-1.0	23	-.7
29	-1.0	BF	-1.1	-1.1	-1.1	-1.1	-1.1	-1.2	-1.2	-1.1	-1.1	-1.0	-1.2	-1.1	-1.1	-1.1	-1.2	-1.2	-1.2	-1.2	-1.2	-1.1	-1.2	-1.2	23	-1.0
30	-1.2	BF	-1.2	-1.2	-1.2	-1.3	-1.2	-1.2	-1.3	-1.3	-1.2	-1.3	-1.2	-1.2	-1.2	-1.2	-1.2	-1.3	-1.2	-1.2	-1.3	-1.3	-1.3	-1.3	23	-1.2
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		.6	.5	-.3	-.3	-.2	0.0	.7	.2	.1	.1	0.0	.6	.5	.4	.3	.2	.2	0.0	0.0	0.0	0.0	-.1		
AVG:	-.91		-.86	-.91	-.94	-.95	-.90	-.84	-.80	-.81	-.84	-.84	-.83	-.81	-.82	-.85	-.87	-.88	-.88	-.91	-.90	-.92	-.91	-.94		

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: -.88 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: 37-063-0015 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 2017

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	-1.3	BF	-1.3	-1.3	-1.3	-1.4	-1.2	-1.4	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.4	-1.4	-1.3	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.5	23	-1.2
2	-1.4	BF	-1.3	-1.3	-1.3	-1.3	-1.1	-1.0	-.8	-1.2	-1.3	-1.2	-1.2	-1.3	-1.2	-1.2	-1.1	-1.1	-1.2	-1.1	-1.2	-1.0	-1.1	-1.1	23	-.8
3	-1.2	BF	-1.1	-1.0	-1.1	-1.1	-1.1	BA	BC	BC	BC	BC	BC	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17	0.0
4	.0	BF	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	-.1	-.1	23	.1
5	-.1	BF	-.1	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	23	0.0
6	-.1	BF	-.1	-.1	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.0	23	.1
7	.0	BF	.1	.0	.1	.0	.2	.2	.2	.2	.2	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	23	.2
8	.1	BF	.0	.0	.0	.1	.0	.1	.2	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.1	.0	.0	.1	.0	23	.2
9	.0	BF	.1	.0	.0	.1	.2	.2	.2	.1	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.2
10	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.2	.2	.1	.0	.0	.0	.0	.0	23	.2
11	.0	BF	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	-.1	23	.2
12	.0	BF	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0
13	-.1	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	-.1	-.1	-.1	.0	.0	-.1	.0	.0	.0	.0	23	0.0
14	.0	BF	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.2	.2	.1	.1	23	.2
15	.0	BF	.0	.0	.0	.0	.1	.1	.3	.8	.4	.3	.2	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	23	.8
16	.0	BF	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.6	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	23	.6
17	.0	BF	.0	.0	.0	.0	.0	.2	.2	.2	.3	.1	.1	.1	.0	.0	.2	.2	.1	.0	.0	.0	.2	.2	23	.3
18	.1	BF	.3	.3	.2	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	23	.3
19	.0	BF	.0	.0	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	23	.3
20	-.1	BF	.0	-.1	.0	-.1	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0	.0	-.1	23	.4
21	-.1	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.2	-.1	23	0.0
22	-.2	BF	-.1	-.2	-.1	-.2	-.2	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0
23	-.1	BF	-.1	-.2	-.2	-.1	-.1	-.1	-.1	-.2	-.1	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.2	23	-.1
24	-.2	BF	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.2	-.2	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	23	-.1
25	-.2	BF	-.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.2	.1	.2	23	.2
26	.1	BF	.3	.2	.2	.2	.3	.3	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	23	.3
27	.2	BF	.2	.1	.2	.2	.3	.4	.5	.4	.4	.3	.2	.2	.1	.2	.3	.2	.2	.2	.2	.1	.0	.0	23	.5
28	.0	BF	.0	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2	.2	.1	.1	.1	.2	.2	.2	.2	.2	.1	.1	23	.2
29	.1	BF	.3	.1	.1	.1	.2	.2	.1	.1	.1	.2	.2	.2	.2	.2	.2	.3	.3	.2	.1	.2	.1	.1	23	.3
30	.1	BF	.1	.1	.1	.1	.1	.2	.1	.1	.1	.2	.1	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.0	23	.2
31	.0	BF	.0	.0	.0	.0	.1	.2	BA	.1	.1	.2	.2	.1	.2	.0	.1	.0	.0	.0	.1	.0	.0	.0	22	.2
NO.:	31		31	31	31	31	31	30	29	30	30	30	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:	.2		.3	.3	.2	.2	.3	.4	.5	.8	.4	.3	.6	.2	.2	.2	.3	.4	.3	.2	.2	.2	.2	.3		
AVG:	-.14		-.10	-.12	-.11	-.12	-.07	-.02	-.01	-.02	-.01	-.03	-.02	-.05	-.05	-.06	-.03	-.03	-.05	-.07	-.07	-.06	-.07	-.09		

MONTHLY OBSERVATIONS: 706 MONTHLY MEAN: -.06 MONTHLY MAX: .8

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

(42401) Sulfur dioxide

SITE ID: 37-063-0015 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 2017

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	-.1	-.1	.0	.0	.2	.3	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	23	.3
2	.0	BF	.0	.0	.0	.3	.2	.2	.2	.2	.2	.2	.4	.2	.2	.1	.1	.1	.1	.1	.1	.1	.0	.0	23	.4
3	.0	BF	.0	-.1	-.1	-.1	.0	.5	1.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	23	1.5
4	-.1	BF	-.1	-.2	-.1	-.1	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.2	-.2	-.1	-.2	23	0.0
5	-.2	BF	-.1	-.2	-.2	-.2	-.1	.0	.0	-.1	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	23	0.0
6	-.2	BF	-.1	-.1	-.1	-.1	-.2	-.1	.0	.0	.1	.2	.4	.1	.0	.0	.0	.1	.3	.1	.1	.0	.1	.3	23	.4
7	.1	BF	.1	.0	.0	.0	.1	.1	.2	.2	.4	.2	.2	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	23	.4
8	.0	BF	.1	.0	.0	.0	.0	.3	1.1	1.6	.1	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.1	.0	.1	23	1.6
9	.1	BF	.0	.1	.1	.1	.0	.1	.2	.1	.3	.1	.2	.1	.2	.2	.2	.1	.0	.1	.0	.1	.1	.0	23	.3
10	.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
11	.0	BF	.1	.1	.0	.0	.1	.2	.2	.1	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	23	.2
12	.0	BF	.1	.0	.0	.0	.2	.2	.2	.1	.1	.1	.1	.1	.1	.2	.1	.1	.2	.1	.1	.1	.1	.2	23	.2
13	.1	BF	.1	.1	.1	.2	.5	.6	.6	.4	.3	.3	.2	.2	.1	.1	.1	.1	.1	.0	.1	.0	.0	.0	23	.6
14	.0	BF	.1	.0	.1	.3	.4	.3	.2	.1	.1	.2	.1	.1	.1	.2	.1	.1	.1	.2	.2	.1	.1	.1	23	.4
15	.1	BF	.1	.0	.0	.0	.4	1.2	1.1	.4	.4	.3	.3	.2	.2	.1	.1	.0	.0	.0	.1	.0	.0	.0	23	1.2
16	.0	BF	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	23	.1
17	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
18	.0	BF	.1	.0	.1	.1	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	-.1	.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	.0	.0	.0	.0	.0	.0	.0	23	0.0
20	.0	BF	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	23	.1
21	-.1	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.3	-.1	-.2	-.2	-.2	-.1	-.2	-.2	-.1	-.2	-.2	-.1	23	-.1
22	-.2	BF	-.2	-.2	-.2	-.2	-.1	.0	-.1	-.2	-.1	-.2	-.1	-.2	-.2	-.1	.0	.0	.0	-.2	-.1	-.1	.0	.0	23	0.0
23	-.1	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	.0	AM	AM	AM	.0	AN	AM	AM	AM	AM	AM	AM	13	0.0
24	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	0	
25	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AN	AN	BA	.4	.3	.2	.2	.1	.1	.1	.1	.1	9	.4
26	.0	BF	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	23	.1
27	.0	BF	.0	.0	.0	.0	.1	1.9	1.1	.3	2.0	.5	.4	.6	.2	.0	.0	.0	.1	.1	.0	.0	.0	.1	23	2.0
28	.0	BF	.0	.0	.0	.0	.1	BA	.1	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	22	.2
29	.1	BF	.0	.0	.0	.0	.0	.2	1.1	.5	.2	.2	.1	.0	.0	.0	.1	.2	.2	.1	.1	.1	.0	.1	23	1.1
30	.1	BF	.1	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	.0	.0	23	.2
31																									0	
NO.:	28		28	28	28	28	28	27	28	28	28	28	28	27	27	28	29	28	28	28	28	28	28	28		
MAX:	.1		.1	.1	.1	.3	.5	1.9	1.5	1.6	2.0	.5	.4	.6	.2	.4	.3	.2	.3	.2	.2	.1	.1	.3		
AVG:	-.01		.01	-.03	-.02	.01	.06	.23	.29	.16	.17	.08	.09	.06	.04	.04	.03	.04	.04	.01	.02	-.01	-.01	.01		

MONTHLY OBSERVATIONS: 642 MONTHLY MEAN: .06 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: JULY 2017

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	-.1	BF	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	.0	.0	.0	.0	.0	-.1	.0	-.1	-.2	23	0.0
2	-.1	BF	-.1	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	23	-.1
3	-.2	BF	-.2	-.2	-.2	-.2	-.1	.0	.1	.4	.1	.0	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.2	-.2	23	.4
4	-.2	BF	-.2	-.1	-.1	-.1	-.1	.0	.3	.1	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	.0	.0	.0	.0	-.1	23	.3
5	-.1	BF	.0	-.1	-.2	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.2	-.2	23	0.0
6	-.2	BF	-.2	-.1	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.2	-.1	-.1	-.1	.0	-.1	.0	-.1	.0	.0	-.1	.0	.0	23	0.0
7	.0	BF	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
8	.0	BF	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
9	.0	BF	.0	.0	.0	.0	.0	.6	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.6
10	.0	BF	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.2	-.2	-.2	-.1	23	.1
11	-.2	BF	-.1	-.1	-.1	.0	.0	.0	.1	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
12	.0	BF	.1	.1	.1	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	23	.2
13	.0	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	AE	AE	-.3	-.3	-.4	-.3	-.2	-.2	21	.1
14	-.2	BF	.0	.1	.1	.0	.2	.0	-.1	.0	-.1	-.1	-.1	-.2	-.1	-.1	-.1	AE	AE	-.1	-.1	.0	-.1	-.1	21	.2
15	.0	BF	-.1	-.1	-.2	-.2	-.2	-.1	-.1	-.1	.0	-.1	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	23	0.0
16	-.1	BF	-.1	-.2	-.2	-.2	-.1	.1	.7	1.1	.8	.4	.2	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	23	1.1
17	.0	BF	.0	-.1	-.1	-.1	.0	.0	.0	.0	.2	-.1	.0	-.1	.0	.2	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	23	.2
18	-.1	BF	.0	-.1	.0	-.1	-.1	.0	.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.2	-.2	-.2	-.2	23	.1
19	-.2	BF	-.1	-.2	-.2	-.1	-.1	-.1	.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	23	.1
20	-.1	BF	.0	.0	.0	-.1	.0	.0	.1	1.3	.9	.7	.4	.3	.3	.2	.1	.0	.0	.1	.0	.0	.0	.0	23	1.3
21	.1	BF	.1	.0	.0	.0	.1	.2	.1	.2	.3	.2	.3	.2	.1	.1	.1	.1	.1	.1	.0	.1	.0	.0	23	.3
22	.0	BF	.1	.0	.0	.0	.1	.4	.2	.2	.2	.4	.2	.1	.0	.0	.0	AE	.0	.0	.0	.0	.0	.1	22	.4
23	.0	BF	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	.0	.0	23	.1
24	.0	BF	.0	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.3	-.2	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
25	.0	BF	.0	.0	.0	.0	.0	.1	.6	1.2	.9	.7	.4	.1	.0	.2	.4	.9	.4	.3	.1	.1	.0	.0	23	1.2
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	.0	.0	.1	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	23	.3
28	-.2	BF	-.1	-.2	-.2	-.3	-.2	-.2	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	23	-.1
29	-.2	BF	-.1	-.2	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	23	0.0
30	-.1	BF	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.0	.2	.8	.0	.0	.0	.0	.0	.0	.0	.0	23	.8
31	.0	BF	.0	.0	.0	.0	.0	1.4	4.4	1.9	.6	.3	.1	.1	.1	.1	.1	.1	.1	.0	.2	.1	.1	.0	23	4.4
NO.:	31		31	31	31	31	31	31	31	31	31	31	31	31	31	31	30	28	30	31	31	31	31	31		
MAX:	.1		.1	.1	.1	.2	.2	1.4	4.4	1.9	.9	.7	.4	.3	.3	.8	.4	.9	.4	.3	.2	.1	.1	.1		
AVG:	-.07		-.03	-.06	-.07	-.06	-.03	.08	.23	.20	.10	.04	.02	-.02	-.02	.01	-.03	-.01	-.03	-.05	-.06	-.06	-.07	-.07		

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: 0.00 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: 37-063-0015 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 2017

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	.1	.0	.4	.2	.1	.1	.2	.1	.2	.2	.3	.1	.2	.2	.2	.2	.1	.1	.1	23	.4
2	.1	BF	.1	.0	.1	.1	.2	.4	.3	.3	.2	.3	.2	.4	.5	.3	.2	.5	.2	.1	.1	.1	.1	.0	23	.5
3	.0	BF	.1	.0	.0	.1	.1	.3	.4	1.7	.5	.2	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.7
4	-.1	BF	.0	-.1	-.1	.0	.0	.0	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	23	.3
5	.0	BF	.0	.0	.0	-.1	.0	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	-.1	-.2	23	.1
6	-.1	BF	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.3	23	-.1
7	-.3	BF	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.3	-.4	-.4	23	-.2
8	-.4	BF	-.3	-.3	-.3	-.4	-.4	-.4	-.2	-.2	-.2	-.2	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	23	-.2
9	-.4	BF	-.3	-.3	-.3	-.3	-.3	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.2	-.2	23	-.1
10	-.2	BF	-.2	-.2	-.2	-.1	-.2	-.1	-.1	-.1	-.2	-.2	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	23	0.0
11	.0	BF	.0	-.1	-.1	-.2	-.1	-.1	.0	.0	-.1	-.1	-.2	-.2	-.1	-.2	-.2	-.2	-.3	-.2	-.2	-.3	-.3	-.2	23	0.0
12	-.3	BF	-.2	-.4	-.3	-.3	-.4	-.3	-.3	-.2	-.3	-.3	-.4	-.4	-.4	-.4	-.3	-.3	-.3	-.4	-.3	-.3	-.3	-.3	23	-.2
13	-.4	BF	-.2	-.3	-.3	-.3	-.4	-.4	-.3	-.3	-.3	-.3	-.1	-.2	-.1	-.1	-.1	-.2	-.3	-.3	-.3	-.3	-.3	-.1	23	-.1
14	-.1	BF	-.1	-.2	-.1	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.1	-.1	23	-.1
15	-.1	BF	.0	-.1	-.1	-.1	.0	-.1	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
16	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.1	.1	.0	.2	.1	.1	.1	23	.2
17	.1	BF	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	23	.2
18	.0	BF	.2	.1	.0	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	23	.2
19	.1	BF	.2	.1	.1	.0	.1	.1	.1	.2	.3	.3	.2	.2	.2	.2	.1	.1	.2	.1	.1	.1	.0	.1	23	.3
20	.1	BF	.1	.0	.1	.0	.1	.1	1.1	.8	.4	.2	.3	.3	.4	.5	.3	.4	.4	.4	.3	.3	.2	.1	23	1.1
21	.1	BF	.1	.1	.0	.1	.2	.2	.4	.2	.3	.2	.2	.3	.2	.1	.2	.2	.1	.1	.1	.1	.1	.1	23	.4
22	.1	BF	.2	.0	.0	.1	.1	.1	.2	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	.1	.0	.0	.0	.1	23	.2
23	.0	BF	.2	.0	.1	.0	.1	.1	.2	.3	.4	.2	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	23	.4
24	.0	BF	.1	.0	.0	.0	.5	.6	.5	.4	.2	.2	.2	.2	.2	.2	.1	.2	.2	.2	.1	.1	.0	.1	23	.6
25	.1	BF	.2	.1	.1	.4	.9	.9	.4	.3	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.0	23	.9
26	.1	BF	.1	.1	.0	.1	.1	.1	.1	.1	.1	.0	.0	.1	.0	.1	.1	.0	.1	.1	.1	.1	.0	.1	23	.1
27	.1	BF	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.2	.2	23	.2
28	.1	BF	.1	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
29	.0	BF	.0	.0	.0	.0	.0	-.1	.0	-.1	-.1	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	23	.1
30	.0	BF	.0	.0	.0	.0	-.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
31	.0	BF	.0	.0	.0	.1	.1	.1	.3	.1	.1	.2	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	23	.3
NO.:	31		31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	.1		.2	.1	.1	.4	.9	.9	1.1	1.7	.5	.3	.3	.4	.5	.5	.3	.5	.4	.4	.3	.3	.2	.2		
AVG:	-.05		.01	-.06	-.05	-.04	0.00	.05	.10	.11	.04	.02	0.00	.01	.01	.01	-.01	.01	0.00	-.01	-.02	-.03	-.04	-.03		

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: 0.00 MONTHLY MAX: 1.7

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

(42401) Sulfur dioxide

SITE ID: 37-063-0015 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 2017

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	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.2	-.1	-.1	-.1	-.2	-.2	-.1	-.2	-.2	23	0.0
2	-.1	BF	-.1	-.2	-.2	-.1	-.1	-.1	-.1	-.2	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.1	-.2	-.2	-.2	23	-.1
3	-.1	BF	-.1	-.2	-.3	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.3	-.2	-.2	-.3	-.3	-.3	-.3	23	-.1
4	-.4	BF	-.2	-.3	-.2	-.2	-.2	-.2	.0	.1	.0	-.1	-.1	-.1	-.2	-.1	-.1	-.1	.0	-.2	-.2	-.2	-.2	-.3	23	.1
5	-.2	BF	-.2	-.2	-.3	-.3	-.3	-.1	.0	-.1	.0	.0	-.2	-.2	-.2	-.3	-.3	-.2	-.2	-.2	-.2	-.3	-.3	-.3	23	0.0
6	-.3	BF	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.1	-.1	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.3	-.3	-.4	-.3	-.3	-.3	23	-.1
7	-.2	BF	-.3	-.3	-.3	-.3	-.2	-.2	-.1	.0	.1	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	23	.1
8	.0	BF	.0	.0	.0	.0	.0	.0	1.6	.3	.3	.3	.2	.4	.4	.4	.5	.4	.2	.1	.1	.1	.1	.0	23	1.6
9	.0	BF	.1	.0	.0	.1	.1	.0	.2	.3	.2	.2	.1	.1	.1	.0	.1	.1	.1	.1	.1	.0	.0	.0	23	.3
10	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
11	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	-.1	23	0.0
12	.0	BF	.0	.0	.0	-.1	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	23	0.0
13	-.3	BF	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	.0	-.1	-.1	.0	.0	-.1	.0	-.1	.0	.0	23	0.0
14	.0	BF	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.1	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	23	.2
15	.0	BF	.0	.0	.0	.0	.0	1.1	3.4	.5	.6	.4	.3	.2	.2	.1	.1	.1	.2	.2	.1	.0	.0	.0	23	3.4
16	.0	BF	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	23	.1
17	.0	BF	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	23	.1
18	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
19	.0	BF	.0	.0	.0	.0	.0	.1	.4	.2	.1	.6	.3	.4	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	23	.6
20	-.1	BF	-.1	-.1	-.2	-.1	-.1	.0	.0	.0	-.1	.0	-.1	-.1	-.1	-.2	-.2	-.1	-.2	-.2	-.2	-.1	-.2	-.2	23	0.0
21	-.3	BF	-.2	-.3	-.3	-.3	-.3	.0	.4	1.2	.0	-.1	-.2	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.1	23	1.2
22	-.1	BF	.0	.0	.0	-.1	.0	.1	.0	.1	.4	1.0	1.4	.8	.7	.4	.6	.4	.2	.1	.2	.1	.1	.0	23	1.4
23	.0	BF	.1	.0	.1	.1	.1	.1	.1	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	23	.3
24	.1	BF	.1	.1	.0	.0	.1	.1	.2	.1	.2	.4	.3	.2	.2	.2	.2	.3	.2	.1	.1	.1	.1	.1	23	.4
25	.1	BF	.1	.0	.1	.0	.1	.2	.3	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	23	.3
26	.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
27	.0	BF	.0	.0	.2	.1	.4	1.5	.8	1.2	.4	.5	.3	.7	.7	1.6	1.7	.2	.2	.1	.0	.0	.0	.0	23	1.7
28	.0	BF	.2	.1	.0	.0	.0	.3	.4	.6	.6	.7	.4	.2	.1	.0	.0	.0	.0	.0	.3	1.3	.2	.1	23	1.3
29	.0	BF	.2	.1	.3	.3	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.2	-.2	-.2	-.2	23	.3
30	-.2	BF	-.1	-.1	-.2	-.2	-.2	.0	.0	-.1	.0	.0	.0	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.2	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:	.1		.2	.1	.3	.3	.4	1.5	3.4	1.2	.6	1.0	1.4	.8	.7	1.6	1.7	.4	.2	.2	.3	1.3	.2	.1		
AVG:	-.07		-.03	-.07	-.07	-.06	-.04	.07	.24	.14	.08	.11	.07	.06	.03	.04	.05	0.00	-.02	-.06	-.05	-.03	-.07	-.08		

MONTHLY OBSERVATIONS: 690 MONTHLY MEAN: .01 MONTHLY MAX: 3.4

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: 37-063-0015 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 2017

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	-.2	-.1	-.2	-.2	-.2	-.1	-.1	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	23	-.1
2	-.2	BF	-.2	-.2	-.2	-.1	-.1	-.2	.0	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	23	0.0
3	-.3	BF	-.2	-.2	-.3	-.1	.0	-.2	.0	BA	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.1	-.2	-.1	-.1	-.3	-.2	-.2	22	0.0
4	-.3	BF	-.3	-.3	-.3	-.2	-.1	-.2	-.3	-.3	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.1	-.2	-.2	-.2	-.3	-.3	-.3	23	-.1
5	-.3	BF	-.2	-.3	-.3	-.3	-.2	-.1	.0	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.3	23	0.0
6	-.3	BF	-.3	-.3	-.2	-.3	-.2	-.1	-.1	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.2	23	-.1
7	-.3	BF	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.4	23	-.2
8	-.4	BF	-.3	-.5	-.4	-.5	-.4	-.5	-.5	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	23	-.3
9	-.4	BF	-.2	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.3	-.3	-.4	-.3	-.3	-.4	-.5	-.4	23	-.2
10	-.5	BF	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	23	-.3
11	-.4	BF	-.3	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.4	-.4	-.4	23	-.3
12	-.4	BF	-.3	-.5	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	23	-.3
13	-.4	BF	-.3	-.4	-.4	-.3	-.3	-.2	-.2	.1	.0	-.1	.0	-.1	-.1	.0	.0	.0	.0	.2	.3	.4	.5	.7	23	.7
14	.4	BF	.3	.0	.0	.1	.3	.3	.3	.2	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	23	.4
15	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	23	.2
16	.1	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.1	.4	.2	.2	.2	.2	.2	.2	23	.4
17	.1	BF	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.1	.2	.3	.2	.2	.2	.2	.2	.1	.2	23	.3
18	.2	BF	.2	.2	.1	.3	.3	.3	.3	.4	.6	.4	.3	.3	.3	.2	.2	.2	.2	.3	.3	.2	.2	.2	23	.6
19	.2	BF	.3	.3	.2	.2	.3	.3	.3	.3	.3	.2	.3	.4	.2	.2	.2	.3	.2	.2	.2	.1	.1	.1	23	.4
20	.2	BF	.4	.3	.3	.3	.4	.5	.6	1.1	.8	.5	.5	.5	.5	.5	.5	.3	.3	.2	.3	.2	.1	.1	23	1.1
21	.1	BF	.2	.1	.1	.1	.1	.1	.2	.3	.4	.4	.3	.3	.3	.3	.3	.2	.2	.2	.2	.1	.2	.1	23	.4
22	.2	BF	.1	.1	.1	.1	.1	.1	.1	.3	.3	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.3
23	.1	BF	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
24	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
25	.0	BF	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	23	.1
26	.0	BF	.0	.0	.0	.1	.1	.1	.8	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.3	.3	.2	23	.8
27	.3	BF	.3	.2	.2	.2	.4	.3	.3	.6	.5	.4	.4	.4	.4	.3	.4	.3	.1	.2	.2	.2	.1	.0	23	.6
28	.0	BF	.0	.0	.0	.0	.0	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.2	-.2	-.2	-.2	23	.2
29	-.3	BF	-.2	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.4	-.4	-.4	-.3	-.4	-.3	-.3	-.4	-.4	23	-.2
30	-.3	BF	-.2	-.3	-.2	-.2	-.3	-.2	-.2	-.3	-.2	-.3	-.2	-.2	-.2	-.1	-.1	-.1	-.2	-.1	.0	-.1	-.2	-.2	23	0.0
31	-.2	BF	-.1	-.2	-.2	-.1	BA	.0	.0	.2	.2	.2	.2	.2	.2	.1	.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	22	.2
NO.:	31		31	31	31	31	30	31	31	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	.4		.4	.3	.3	.3	.4	.5	.8	1.1	.8	.5	.5	.5	.5	.5	.5	.4	.3	.3	.3	.4	.5	.7		
AVG:	-.11		-.06	-.13	-.12	-.10	-.06	-.06	-.01	.01	0.00	-.03	-.04	-.04	-.07	-.07	-.05	-.06	-.09	-.08	-.06	-.09	-.10	-.09		

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: -.07 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: 37-063-0015 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 2017

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	-.2	-.2	-.1	-.2	.0	.0	.0	.0	.6	.6	.2	.1	.1	.1	.0	-.1	-.2	-.1	-.1	-.2	-.2	-.2	23	.6
2	-.2	BF	-.2	-.3	-.2	-.2	-.2	-.2	AZ	AZ	AZ	AZ	-.1	-.2	-.2	-.2	-.2	-.3	-.3	-.1	-.1	-.2	-.2	-.2	19	-.1
3	-.3	BF	-.2	-.2	-.1	.0	.6	1.4	1.5	.8	.6	.2	.0	.0	-.2	-.2	-.2	-.1	-.2	-.1	.0	-.1	-.2	-.2	23	1.5
4	-.3	BF	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	23	-.1
5	-.2	BF	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	.0	.0	23	0.0
6	.0	BF	-.1	-.1	-.2	-.2	-.2	-.1	-.1	.1	.1	.0	-.2	-.1	.0	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	.1
7	-.1	BF	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	BA	-.2	-.2	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.2	22	-.1
8	-.2	BF	-.2	-.1	-.2	-.2	-.2	-.2	-.1	-.2	-.1	-.2	-.2	-.2	-.2	-.1	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	23	-.1
9	-.1	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.1	-.1	-.1	-.2	-.2	-.1	-.2	-.1	-.2	-.1	23	-.1
10	-.1	BF	-.1	-.2	-.2	-.1	-.1	-.1	.0	.9	.6	.4	.4	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.1	23	.9
11	.1	BF	.1	.0	.0	.0	.0	.0	.2	.2	.3	.3	.2	.2	.2	.2	.1	.2	.1	.0	.0	.0	.0	.0	23	.3
12	.0	BF	.1	.0	.0	.0	.0	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	23	.2
13	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	23	.3
14	.0	BF	.3	.2	.3	.4	.4	.4	.5	.5	.4	.3	.1	.1	.1	.0	.1	.0	.0	.1	.0	.0	.0	.0	23	.5
15	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	23	.1
16	.0	BF	.0	.0	.0	.0	.0	.1	.2	.2	.1	.0	.0	.1	.0	.0	.0	.3	.2	.1	.2	.1	.0	.0	23	.3
17	.0	BF	.0	.6	1.3	.5	.3	.6	1.6	1.3	1.1	.1	.1	.1	.1	.1	.1	.2	.2	.5	.4	.3	.3	.1	23	1.6
18	.2	BF	.4	.2	.1	.0	.0	.0	.2	.2	.3	.3	.4	.3	.2	.1	.2	.2	.2	.2	.1	.1	.1	.1	23	.4
19	.1	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.1	.1	.1	.1	.1	.0	.1	23	.1
20	.1	BF	.2	.2	.1	.2	.3	.4	.3	.3	.3	.3	.3	.3	.4	.3	.3	.3	.6	.6	.6	.5	.5	.6	23	.6
21	.6	BF	.5	.4	.4	.3	.4	.6	.6	.6	.3	.4	.3	.4	.2	.2	.3	.2	.2	.3	.5	.5	.4	.3	23	.6
22	.3	BF	.1	.1	.0	.0	.0	.1	.1	.2	.4	.4	.6	.5	.4	.4	.3	.2	.5	1.4	.6	.6	.3	.4	23	1.4
23	.5	BF	.4	.3	.2	.1	.1	.2	.3	.6	.6	.6	.5	.5	.5	.4	.4	.3	.3	.2	.3	.2	.2	.3	23	.6
24	.2	BF	.3	.3	.3	.4	.3	.3	.4	.4	.5	.7	.6	.6	.6	.6	.6	.5	.5	.5	.4	.4	.4	.3	23	.7
25	.3	BF	.3	.4	.5	.5	.5	.5	.5	.6	.5	.5	.6	.5	.7	.5	.5	.5	.5	.6	.4	.5	.5	.5	23	.7
26	.4	BF	.5	.5	.4	.3	.3	.3	.5	.6	.5	.5	.4	.4	.4	.4	.5	.6	.5	.5	.4	.4	.4	.3	23	.6
27	.4	BF	.5	.5	.5	.5	.5	.5	.8	1.3	2.0	1.4	1.5	1.0	.8	.7	.7	.9	.9	.8	.8	.7	.6	.5	23	2.0
28	.4	BF	.4	.4	.4	.5	.6	BA	.6	.8	.8	.7	.8	.7	.5	.6	.5	1.0	.9	.7	.8	.8	.6	.6	22	1.0
29	.7	BF	.9	.7	.6	.5	.6	.7	1.1	.8	.8	.8	.7	.7	.7	.6	.7	1.1	.9	.8	.8	.8	.6	.5	23	1.1
30	.4	BF	.4	.4	.3	.4	.5	.6	.8	.9	.8	.8	.7	.7	.7	.7	.7	.9	.9	.8	.7	.8	.8	.8	23	.9
31																									0	
NO.:	30		30	30	30	30	30	29	29	29	29	28	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	.7		.9	.7	1.3	.5	.6	1.4	1.6	1.3	2.0	1.4	1.5	1.0	.8	.7	.7	1.1	.9	1.4	.8	.8	.8	.8		
AVG:	.10		.13	.11	.12	.10	.14	.19	.32	.37	.39	.32	.26	.23	.20	.19	.17	.21	.19	.23	.20	.18	.14	.14		

MONTHLY OBSERVATIONS: 684 MONTHLY MEAN: .20 MONTHLY MAX: 2.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
RAW DATA REPORT

May. 30, 2018

(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 2017

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	.6	.4	.3	.3	.5	.8	.9	.8	.7	.6	.5	.5	.5	.5	.5	.6	.6	.5	.6	.5	.6	.4	23	.9
2	.4	BF	.6	.5	.5	.4	.5	.5	.5	.4	.4	.3	.3	.4	.4	.3	.3	.4	.3	.3	.3	.3	.2	.3	23	.6
3	.2	BF	.3	.2	.3	.2	.2	.3	.3	.3	.4	.7	.4	.4	.4	.4	.4	.5	.5	.5	.4	.3	.2	.2	23	.7
4	.2	BF	.2	.2	.2	.2	.4	.3	.2	.2	.3	.6	.5	.5	.4	.4	.3	.5	.2	.5	.7	.5	.4	.3	23	.7
5	.2	BF	.2	.2	.1	.2	.2	.5	.4	.2	.2	.4	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	.0	.0	23	.5
6	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.1	.0	.0	.0	.0	.1	.1	.1	23	.1
7	.1	BF	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.1	.2	.0	.1	.1	.1	.0	23	.3
8	.1	BF	.0	.0	.0	.0	.0	.1	.3	.1	.1	.6	.1	.0	.0	.1	.3	.0	-.1	.0	.0	-.1	.0	-.1	23	.6
9	-.1	BF	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	.2	.0	.0	.3	.0	.0	-.1	-.1	-.1	-.1	-.2	-.1	-.1	23	.3
10	-.1	BF	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2	.2	.0	23	.2
11	.1	BF	.0	.0	.0	.1	.2	.4	.4	.3	.4	.5	.5	.4	.3	.3	.2	.2	.2	.3	.2	.1	.1	.1	23	.5
12	.1	BF	.2	.2	.2	.1	.1	.1	.3	.4	.3	.4	.1	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
13	.1	BF	.2	.0	.1	.1	.1	.5	.4	.3	.3	.5	.3	.2	.3	.4	.7	.5	.4	.4	.4	.4	.4	.4	23	.7
14	.4	BF	.4	.4	.7	1.1	.6	.6	.6	.7	.7	.5	.4	.4	.5	.5	.6	.6	.7	.5	.4	.4	.4	.4	23	1.1
15	.5	BF	.4	.5	.6	.6	.7	.8	.9	.9	.9	.8	.7	.7	1.0	1.4	1.1	1.0	.9	.7	.6	.6	.5	.5	23	1.4
16	.4	BF	.4	.4	.5	.6	.5	.6	.8	1.0	.8	.7	.8	1.2	.7	.6	.6	.7	.8	.8	.8	.7	.8	.7	23	1.2
17	.6	BF	.4	.5	.5	.5	.4	.5	.6	.8	.9	1.7	2.1	1.5	.9	.7	.6	.6	.6	.6	.5	.5	.5	.5	23	2.1
18	.4	BF	.4	.4	.4	.4	.5	.7	.6	.6	.9	.9	1.0	.8	.7	.6	.5	.6	.8	.6	.7	.7	.8	.7	23	1.0
19	.6	BF	.5	.5	.6	.7	.7	.6	.8	.5	BA	.3	.3	.5	.5	.5	.6	1.0	.6	.8	.6	.5	.5	.5	22	1.0
20	.5	BF	.4	.4	.4	.3	.4	.3	.2	.2	.3	.2	.1	.1	.1	.1	.1	.0	.1	.1	.0	.1	.1	.1	23	.5
21	.0	BF	.1	.1	.2	.1	.1	.2	.4	.4	.5	.6	.6	.6	.6	.6	.5	.4	.4	.5	.5	.6	.4	.4	23	.6
22	.3	BF	.2	.1	.2	.2	.2	.3	.5	.6	.5	.7	.6	.5	.3	.3	.4	.3	.3	.2	.3	.2	.2	.2	23	.7
23	.2	BF	.3	.2	.1	.1	.2	.2	.3	.5	.4	.2	.2	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	23	.5
24	.1	BF	.1	.1	.0	.1	.1	.1	.1	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.0	.1	.0	.0	23	.2
25	.2	BF	.1	.2	.1	.1	.2	.2	.2	.2	.2	.2	.1	.1	.2	.4	.5	.4	.3	.3	.3	.3	.3	.3	23	.5
26	.3	BF	.4	.4	.4	.4	.4	.4	.5	.6	.6	.6	.6	.7	.9	1.1	1.1	1.0	1.0	1.0	.9	.7	.7	.7	23	1.1
27	.6	BF	.6	.6	.6	.6	.7	.6	.6	.5	.6	.6	.6	.6	2.5	4.4	2.7	1.1	.7	.8	2.3	1.9	2.5	1.6	23	4.4
28	1.5	BF	1.3	1.3	1.2	1.1	1.0	1.1	1.1	1.2	1.1	1.0	1.0	.9	.8	.8	.8	.8	.9	.8	.7	.8	.8	.8	23	1.5
29	.7	BF	.7	.6	.7	.6	.7	.7	1.2	1.4	1.7	1.3	1.2	1.2	1.3	1.3	1.3	1.1	1.1	1.0	1.1	1.3	1.3	1.2	23	1.7
30	1.2	BF	.9	.7	.9	1.0	1.0	1.0	.9	1.1	1.3	1.0	1.0	1.0	1.0	.9	1.1	1.4	1.1	.9	.9	.8	.8	.8	23	1.4
31	1.6	BF	.9	1.5	2.1	1.5	1.1	.9	.9	.8	.8	.8	.8	.7	.8	.9	1.0	.9	.8	.9	.9	.8	.9	.9	23	2.1
NO.:	31		31	31	31	31	31	31	31	31	30	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	1.6		1.3	1.5	2.1	1.5	1.1	1.1	1.2	1.4	1.7	1.7	2.1	1.5	2.5	4.4	2.7	1.4	1.1	1.0	2.3	1.9	2.5	1.6		
AVG:	.39		.35	.35	.39	.38	.38	.44	.49	.50	.53	.56	.50	.47	.52	.58	.55	.48	.45	.43	.47	.44	.45	.39		

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .46 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: 37-087-0013 POC: 1
COUNTY: (087) Haywood
CITY: (72150) West Canton
SITE ADDRESS: 104 Pace St
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (171) WESTERN MOUNTAIN
URBANIZED AREA: (0480) ASHEVILLE, NC
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 35.5341016017
LONGITUDE: -82.852868028
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 753
PROBE HEIGHT:

SUPPORT AGENCY: () Not Found
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2017

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	.0	6.0	6.8	5.1	4.7	5.5	5.2	6.7	8.3	16.4	27.3	12.4	16.2	20.2	13.9	68.0	P125.	32.2	19.6	23	125.2
2	BF	6.0	.8	3.1	.8	.5	.1	.1	.1	9.0	34.2	9.0	2.6	40.1	59.7	P128.	41.2	17.0	25.6	29.8	56.5	48.0	15.3	7.2	23	128.3
3	BF	55.8	57.4	34.1	34.7	11.5	3.2	7.2	5.6	4.2	6.9	4.2	AV	1.0	.5	.3	.6	.6	.4	.0	-.1	.0	-.1	-.1	22	57.4
4	BF	-.2	-.2	-.4	-.6	-.6	-.7	-.6	-.6	-.6	-.6	-.6	-.6	-.6	BA	BA	-.5	-.4	-.6	-.5	-.5	-.4	-.4	-.3	21	-.2
5	BF	-.4	-.4	-.5	-.5	-.5	-.6	-.5	-.2	9.1	56.4	22.1	12.8	32.0	28.4	26.1	24.5	4.3	.0	-.1	-.2	6.3	7.2	10.2	23	56.4
6	BF	2.2	2.8	.2	.0	.0	-.2	-.3	-.3	-.4	.0	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.5	23	2.8
7	BF	-.4	-.4	-.2	.0	.2	.2	.2	.3	.5	.6	.6	.4	.5	.4	.2	.3	.4	.5	.6	.7	.6	.6	.6	23	.7
8	BF	.7	.6	.6	.6	.5	.5	.5	.6	.7	.7	.7	.6	.6	.7	.7	.6	.7	.8	.7	.7	.7	.7	.7	23	.8
9	BF	1.3	3.1	5.1	8.4	3.2	1.3	2.3	21.1	13.8	73.1	P112.	P89.1	54.4	41.7	33.4	11.4	41.0	36.7	34.5	28.3	40.5	14.5	11.2	23	112.2
10	BF	3.1	3.2	3.5	1.9	10.3	18.7	44.3	25.6	21.2	7.9	47.1	69.8	74.4	8.2	.0	-.2	3.3	6.9	7.7	7.8	1.4	.3	.0	23	74.4
11	BF	1.3	.2	-.1	.6	.5	.7	6.8	26.4	11.2	5.0	8.7	9.9	1.8	2.7	.4	.0	.0	.0	-.1	-.1	-.2	-.2	-.4	23	26.4
12	BF	-.3	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.5	-.4	-.5	-.5	-.6	-.6	-.6	-.7	23	-.3
13	BF	-.7	-.9	-.9	-.9	-.9	-.8	-.9	-.3	.7	1.9	1.1	-.1	-.4	-.4	9.5	17.6	17.8	8.1	1.5	.0	-.3	-.4	-.6	23	17.8
14	BF	-.7	-.7	-.7	-.7	-.6	-.7	-.4	-.2	.2	5.0	20.0	31.9	3.9	-.3	-.4	-.2	.1	.0	-.2	-.3	-.4	-.6	-.5	23	31.9
15	BF	-.3	-.4	-.5	-.5	-.6	-.7	-.9	-.9	-.6	-.5	1.4	1.9	-.5	-.7	-.8	.2	8.7	4.7	.9	.2	-.7	-.7	-.8	23	8.7
16	BF	-.7	-.7	-.9	-.8	-.8	-.8	-.7	-.7	-.7	.6	3.4	10.8	15.2	8.2	4.7	1.8	.1	3.5	2.4	6.6	10.2	1.7	1.9	23	15.2
17	BF	.2	.1	.4	.8	1.0	.9	.3	.0	-.2	-.4	-.5	-.5	-.5	-.4	-.4	-.5	-.4	-.3	-.3	-.2	-.3	-.3	-.3	23	1.0
18	BF	-.1	-.3	-.4	-.2	-.2	-.1	-.3	-.2	-.2	-.2	-.4	BC	BC	BC	.0	.0	.0	.0	.7	.8	.3	.1	.1	20	.8
19	BF	.3	.1	.2	.1	.2	.2	.4	.6	4.2	P102.	41.9	28.0	13.7	9.2	6.4	13.7	41.1	20.6	36.9	9.1	6.3	18.5	16.2	23	102.6
20	BF	1.2	.6	6.5	7.9	16.9	17.0	8.4	8.3	6.3	5.3	1.0	.0	.0	.0	.0	.0	.5	.3	.5	.3	.4	.4	.5	23	17.0
21	BF	.4	.3	.2	.3	.1	.0	.1	.1	1.3	2.4	4.8	11.1	7.2	5.9	23.2	9.1	3.0	1.3	1.1	.7	.3	.1	.0	23	23.2
22	BF	.7	3.7	1.6	2.7	3.5	5.7	7.5	18.6	29.0	36.2	8.7	28.1	4.3	3.1	42.9	37.2	9.6	31.8	46.8	46.9	8.2	26.2	50.7	23	50.7
23	BF	3.2	2.1	4.9	3.0	4.7	1.2	.7	.5	.4	.3	.1	.0	.0	.0	.0	-.2	-.3	-.1	-.1	-.3	-.2	-.3	-.1	23	4.9
24	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.2	.0	.0	-.1	.7	.5	.1	.2	.1	.1	.2	23	.7
25	BF	.6	7.8	4.0	.6	.3	.4	.9	.7	.9	.2	.0	.0	.0	.0	.1	.1	.2	.3	.7	.4	.5	.5	.3	23	7.8
26	BF	.1	.0	-.1	-.1	.0	-.1	-.1	.0	.0	-.2	-.3	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	.0	.0	.0	.0	23	.1
27	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
28	BF	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	AV	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	22	.2
29	BF	.2	.1	.0	.1	.2	.1	.2	.1	.3	.3	.2	.2	.1	.1	.2	.1	.2	.2	.2	.2	.2	.0	-.1	23	.3
30	BF	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.3	.2	.3	.4	.3	.2	.3	.3	.3	.3	.4	.2	23	.4
31	BF	.2	.3	.4	.5	.3	.4	.6	.6	.4	.4	.3	.4	.4	.4	.5	.3	.5	.5	.4	.4	.4	.4	.2	23	.6
NO.:		31	31	31	31	31	31	31	31	31	31	31	29	29	29	30	31	31	31	31	31	31	31	31		
MAX:		55.8	57.4	34.1	34.7	16.9	18.7	44.3	26.4	29.0	102.6	112.2	89.1	74.4	59.7	128.3	41.2	41.1	36.7	46.8	68.0	125.2	32.2	50.7		
AVG:		2.37	2.54	1.92	1.87	1.59	1.66	2.65	3.57	3.72	11.08	9.37	10.43	8.80	6.32	10.07	5.44	5.30	5.20	5.72	7.27	7.95	3.72	3.73		

MONTHLY OBSERVATIONS: 706 MONTHLY MEAN: 5.28 MONTHLY MAX: 128.3

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

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: 37-087-0013 POC: 1
COUNTY: (087) Haywood
CITY: (72150) West Canton
SITE ADDRESS: 104 Pace St
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (171) WESTERN MOUNTAIN
URBANIZED AREA: (0480) ASHEVILLE, NC
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 35.5341016017
LONGITUDE: -82.852868028
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 753
PROBE HEIGHT:

SUPPORT AGENCY: () Not Found
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2017

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	.6	.7	.5	.9	1.5	.9	.7	.6	.6	.5	.5	.4	AZ	AZ	AZ	.3	.2	.2	.1	.2	.2	20	1.5
2	BF	.3	.1	.1	.0	.0	.0	.0	.0	.1	.2	.6	.9	2.5	3.8	.3	.2	.2	.2	.1	-.9	-.9	-1.0	-1.0	23	3.8
3	BF	-1.0	-.3	.6	-.6	-.8	-.8	-.9	-.9	-.9	-.3	5.0	4.9	-.7	-.9	-.9	-1.0	-.9	-.9	-.7	-.5	-.5	-.6	-.7	23	5.0
4	BF	-.6	-.7	-.8	-.8	-.8	-.8	-.8	-.4	4.5	P91.7	P90.9	P160.	P121.	62.2	57.9	12.7	P142.	37.4	20.5	3.7	1.6	.3	1.0	23	160.1
5	BF	1.6	7.8	.0	-.4	-.4	5.7	.3	.0	.0	-.2	-.3	-.3	-.6	-.9	-.9	-.9	-.8	-.7	-.7	-.6	-.6	-.9	-.9	23	7.8
6	BF	-.9	-1.0	-1.0	-1.0	-1.0	.4	3.1	4.9	37.3	P107.	P181.	16.5	-.6	-.4	.5	1.4	1.8	1.3	1.0	.9	.5	.2	.0	23	181.5
7	BF	1.4	4.8	6.5	1.2	.1	.0	-.1	-.4	-.4	-.3	-.4	-.5	-.6	-.6	-.6	-.2	.0	.0	-.2	-.3	-.3	-.3	-.3	23	6.5
8	BF	-.4	-.4	-.4	-.1	-.2	-.2	-.3	-.4	-.1	2.1	10.9	2.7	3.2	-.1	-.1	-.2	.0	.0	.0	-.2	-.2	-.2	-.5	23	10.9
9	BF	-.5	-.5	-.6	-.4	-.5	-.5	-.6	-.5	-.7	-.5	-.6	-.4	-.3	-.5	-.5	-.9	-1.0	-1.0	-.9	-.8	-.6	-.6	-.4	23	-.3
10	BF	-.4	-.4	-.3	-.3	-.3	-.2	-.2	.0	13.1	24.7	P104.	P110.	20.5	BA	BA	.0	.0	.0	.0	.0	.0	.0	.0	21	110.2
11	BF	.1	.1	.0	.0	.0	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.2	-.3	-.2	-.2	23	.2
12	BF	-.1	-.2	-.1	-.1	-.2	-.2	-.3	-.3	-.4	-.5	-.4	-.3	-.4	-.3	-.4	-.5	-.5	-.5	-.4	-.3	-.3	-.5	-.4	23	-.1
13	BF	-.2	-.2	-.1	-.2	-.3	-.1	-.1	-.1	-.2	-.1	-.2	-.1	.0	-.1	-.1	-.1	.0	.0	.1	.0	.0	.2	.2	23	.2
14	BF	.3	.2	.2	.1	.1	.1	.3	4.5	21.0	P76.3	36.8	5.0	.4	.0	.0	.1	.1	.2	6.6	5.2	9.3	4.9	1.3	23	76.3
15	BF	.3	.5	.5	.1	-.3	-.5	-.4	-.2	-.3	-.3	-.2	-.2	-.2	-.2	-.3	-.3	-.4	-.3	-.4	-.2	.0	-.1	-.1	23	.5
16	BF	.1	-.1	-.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.1	23	.1
17	BF	.2	.1	.0	-.2	.0	.1	.5	3.1	6.3	1.3	.1	-.1	-.4	-.2	-.1	.0	.0	-.1	-.3	.0	.5	.3	.3	23	6.3
18	BF	.4	.5	.6	1.3	2.2	1.7	3.1	22.0	45.5	47.0	P84.4	66.5	18.0	1.4	.9	.7	1.0	1.3	1.0	.8	.5	.5	.1	23	84.4
19	BF	.0	.0	.0	.1	.0	.1	.1	.0	.0	-.2	-.3	-.4	-.4	-.4	-.3	-.2	-.1	-.1	-.1	-.2	-.2	-.2	-.2	23	.1
20	BF	-.2	-.1	-.1	1.6	11.5	8.5	9.9	3.8	4.1	53.4	65.0	63.0	P79.5	73.1	20.6	21.4	P94.1	30.6	56.3	7.1	7.0	2.9	2.4	23	94.1
21	BF	.8	.5	.8	.6	1.5	1.1	1.3	6.3	1.4	.0	.1	.0	.0	.0	20.6	-.2	-.2	11.2	20.0	.6	1.5	.1	1.2	23	20.6
22	BF	14.4	.8	12.3	23.6	56.5	37.1	5.0	10.8	7.4	5.6	2.9	13.2	43.7	73.3	64.3	P89.2	41.4	46.4	3.1	8.6	4.2	1.3	.2	23	89.2
23	BF	.0	-.1	-.2	-.2	-.2	-.2	.0	.2	.6	29.8	8.5	47.7	63.4	17.0	7.8	-.3	-.3	-.2	-.2	-.3	-.2	-.2	-.2	23	63.4
24	BF	-.3	-.4	-.4	-.4	-.3	-.4	-.2	2.7	70.6	5.7	.3	-.2	-.4	-.5	-.5	-.7	-.4	-.2	.0	-.1	-.3	1.8	2.8	23	70.6
25	BF	-.2	-.4	-.4	-.5	-.4	-.4	-.2	-.2	-.2	-.6	-.5	-.6	-.8	-.8	-.7	-.7	-.5	-.4	-.4	-.3	-.2	-.4	-.3	23	-.2
26	BF	-.4	-.4	-.3	-.3	-.1	-.2	-.1	.0	.0	.0	.0	-.1	-.2	-.2	-.1	21.2	34.7	2.1	.3	.0	.0	.1	.0	23	34.7
27	BF	.0	.1	.9	1.0	.8	.7	.8	1.2	8.0	9.4	42.9	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	23	42.9
28	BF	-.2	-.4	-.4	-.4	-.3	.0	-.4	-.2	2.2	28.6	47.0	17.9	1.8	-.2	-.1	-.3	-.2	-.4	-.5	-.4	-.5	.0	-.2	23	47.0
29																									0	
30																									0	
31																									0	
NO.:		28	28	28	28	28	28	28	28	28	28	28	28	28	27	26	27	27	28	28	28	28	28	28		
MAX:		14.4	7.8	12.3	23.6	56.5	37.1	9.9	22.0	70.6	107.2	181.5	160.1	121.4	73.3	64.3	89.2	142.1	46.4	56.3	8.6	9.3	4.9	2.8		
AVG:		.53	.37	.64	.87	2.40	1.86	.77	2.04	7.85	17.16	24.25	18.06	12.48	8.33	6.43	5.20	11.48	4.50	3.73	.78	.73	.27	.16		

MONTHLY OBSERVATIONS: 639 MONTHLY MEAN: 5.68 MONTHLY MAX: 181.5

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

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: 37-087-0013 POC: 1
COUNTY: (087) Haywood
CITY: (72150) West Canton
SITE ADDRESS: 104 Pace St
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (171) WESTERN MOUNTAIN
URBANIZED AREA: (0480) ASHEVILLE, NC
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 35.5341016017
LONGITUDE: -82.852868028
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 753
PROBE HEIGHT:

SUPPORT AGENCY: () Not Found
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

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	-.3	-.4	-.5	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.5	-.5	-.6	-.7	-.7	-.7	-.7	-.7	-.8	-.7	23	0.0
2		-.5	-.4	-.5	-.5	-.4	-.4	-.4	-.4	-.3	-.4	-.3	-.3	-.4	-.5	-.5	-.5	-.5	-.4	-.3	-.3	-.4	-.3	-.3	23	-.3
3		-.2	-.2	-.2	-.2	-.1	-.2	-.1	-.1	-.1	-.1	-.2	-.3	-.2	-.1	-.2	-.1	.0	-.1	.0	-.1	.0	.0	.0	23	0.0
4		.0	.0	.0	-.1	-.1	-.2	.0	.2	.8	39.4	17.9	.0	.0	.0	-.1	.0	.0	.0	.5	1.9	.2	.1	.0	23	39.4
5		.0	.0	.0	.0	.0	.0	.1	16.0	22.5	72.0	24.8	26.4	43.9	38.7	56.5	62.2	15.6	-.8	-.8	-.9	-.6	-.4	-.1	23	72.0
6		.0	.2	.4	1.2	5.8	.9	.1	-.3	-.1	.1	14.0	9.3	-.2	-.9	-.9	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	23	14.0
7		-1.2	-1.3	-1.3	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.5	-1.5	-1.5	-1.4	BA	.4	-.5	-.5	-1.2	-1.4	-1.4	-1.4	-1.5	22	.4
8		-1.4	-1.6	-1.6	-1.5	-1.4	-1.5	-1.4	-1.4	-1.4	-1.5	-1.5	-1.4	BC	BC	BC	BK	BK	BK	BK	BK	BK	BK	BK	12	-1.4
9	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	19.4	.1	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.6	1.2	14	19.4
10		.9	3.3	.4	.0	.0	.0	.0	.0	.0	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.1	-.1	.0	23	3.3
11		.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.1	.0	.1	1.4	3.9	1.1	.1	.0	.1	.0	.0	23	3.9
12		.0	.0	.0	.0	.0	.0	.0	.0	.1	30.8	51.1	12.5	9.3	3.9	.1	.1	.2	.7	1.5	2.1	.4	.1	.0	23	51.1
13		.4	1.2	5.4	24.0	P129.	P85.5	P153.	P115.	16.4	3.0	20.9	50.3	25.4	P80.9	28.0	P86.7	P91.9	15.4	6.0	3.7	2.5	1.3	1.3	23	153.1
14		.5	.2	.4	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	23	.5
15		.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.1	.2	.1	.0	.1	.2	.2	.1	.1	.2	.2	.2	23	.2
16		.4	.3	.4	.4	.5	.5	.6	.6	.5	.5	.4	.3	.3	.3	.2	.2	.2	.3	.3	.4	.5	.4	.5	23	.6
17		.3	.4	.5	.6	1.3	1.9	7.4	11.2	4.9	36.8	56.0	P81.3	19.7	.4	.3	.3	.4	26.9	28.8	22.9	3.0	.8	.8	23	81.3
18		.3	.2	.1	.1	.0	.0	.0	.2	.1	.0	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.0	.0	.0	-.1	-.1	23	.3
19		.0	.0	.0	.1	.2	.2	.4	.5	.5	.6	.6	.5	.6	.7	.7	.8	.9	1.0	1.0	1.0	.9	.9	1.0	23	1.0
20		1.0	1.0	1.0	1.0	1.0	.9	1.1	.9	1.9	35.5	8.0	1.0	.9	1.1	1.1	1.0	1.1	1.3	1.2	1.3	1.6	1.2	1.0	23	35.5
21		1.1	1.0	.9	.8	.8	.8	1.5	1.6	.7	.6	BC	BC	BC	.5	AE	AE	AE	AE	AE	AE	AE	AE	-.1	12	1.6
22		.1	-.1	.0	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.6	.3	.0	23	.6
23		.2	.3	19.8	8.8	6.5	49.6	P92.4	75.3	56.1	P102.	P82.7	36.2	25.4	30.0	71.5	P130.	P133.	41.9	10.4	.3	.3	2.0	1.0	23	133.7
24		1.2	1.0	.8	3.9	2.2	.6	1.0	1.7	25.5	21.5	.4	.2	.2	.1	.1	.0	.1	.3	.3	.2	.3	.3	.4	23	25.5
25		.8	.3	.3	.5	.5	1.0	1.3	4.7	3.8	.3	.2	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.1	.1	.0	23	4.7
26		.1	.0	.0	.0	.7	1.5	.3	.6	6.6	3.4	.0	.0	-.1	-.1	-.1	-.1	.0	.0	.1	.0	.0	-.1	-.1	23	6.6
27		.0	.0	.0	.0	.0	.1	.2	1.3	6.0	.0	.0	.0	.3	.1	.0	.0	-.1	-.1	.0	.0	.0	.1	.0	23	6.0
28		.0	-.1	-.1	-.2	-.1	-.2	-.2	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.2	-.2	-.2	23	0.0
29		.0	-.2	-.2	-.2	-.2	-.1	.8	11.0	P127.	18.5	9.3	4.8	19.8	3.5	.1	4.2	19.8	1.9	.6	1.0	1.1	1.0	1.1	23	127.9
30		.4	.5	2.8	1.7	71.7	4.3	6.9	74.9	P111.	5.5	P161.	P93.3	P188.	.7	.0	-.1	.0	.0	.6	60.6	P138.	15.2	1.3	23	188.7
31		.7	.3	.0	.0	-.1	-.1	.0	.0	-.1	-.3	-.3	-.4	-.6	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.3	-.3	23	.7
NO.:		30	30	30	30	30	30	30	30	30	31	30	30	29	30	28	29	29	29	29	29	29	29	30		
MAX:		1.2	3.3	19.8	24.0	129.2	85.5	153.1	115.9	127.9	102.5	161.0	93.3	188.7	80.9	71.5	130.9	133.7	41.9	28.8	60.6	138.1	15.2	1.3		
AVG:		.17	.20	.96	1.29	7.20	4.77	8.77	10.41	12.73	12.45	14.76	10.37	11.39	5.21	5.55	9.81	9.10	2.98	1.61	3.13	5.02	.68	.18		

MONTHLY OBSERVATIONS: 681 MONTHLY MEAN: 6.05 MONTHLY MAX: 188.7

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

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: 37-087-0013 POC: 1
COUNTY: (087) Haywood
CITY: (72150) West Canton
SITE ADDRESS: 104 Pace St
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (171) WESTERN MOUNTAIN
URBANIZED AREA: (0480) ASHEVILLE, NC
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 35.5341016017
LONGITUDE: -82.852868028
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 753
PROBE HEIGHT:

SUPPORT AGENCY: () Not Found
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	-.2	-.3	-.4	-.4	-.3	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.4	.3	1.8	-.3	-.4	-.3	-.3	-.4	-.4	23	1.8
2	BF	-.4	-.4	-.4	-.4	-.4	1.6	.0	21.2	P194.	27.7	P86.7	P244.	P184.	P263.	P212.	P141.	60.5	P80.9	21.3	.2	8.8	35.3	2.0	23	263.8
3	BF	.3	P85.5	70.2	12.0	1.8	.1	.0	.8	66.7	35.5	P117.	P89.9	4.7	1.5	16.0	.2	.0	.0	.2	.2	.0	.0	-.1	23	117.3
4	BF	.0	-.2	-.3	-.4	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.2	-.2	-.2	-.2	-.3	23	0.0
5	BF	-.2	-.3	-.3	-.3	-.3	-.1	.0	9.4	27.9	16.4	3.5	BA	12.1	58.4	P97.5	2.1	.8	38.5	43.4	P79.1	75.4	1.4	1.2	22	97.5
6	BF	.8	.1	-.2	-.3	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.5	-.4	-.3	-.4	-.4	-.4	-.4	23	.8
7	BF	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.3	23	-.3
8	BF	-.1	-.2	-.3	-.2	-.2	-.3	-.2	-.2	-.1	-.2	.0	-.1	-.2	-.3	-.3	-.3	-.3	-.2	.3	.1	.7	.7	.0	23	.7
9	BF	.6	.2	.0	.0	.0	.0	.8	9.6	P206.	P110.	27.0	20.5	36.7	14.2	1.0	-.2	-.1	.0	-.1	-.1	-.1	.9	2.6	23	206.8
10	BF	3.3	1.2	.3	.1	.0	.0	.3	.3	10.4	8.8	15.5	27.2	10.2	6.4	-.2	-.2	-.1	-.1	-.1	.0	.0	.1	.5	23	27.2
11	BF	.1	-.1	-.1	-.1	-.1	-.1	.3	15.1	.5	.0	-.1	.0	3.6	7.6	4.7	1.0	-.1	.0	-.1	.0	-.1	.0	.1	23	15.1
12	BF	.1	-.1	-.1	-.2	-.3	-.3	-.1	-.2	-.3	-.4	-.4	.1	17.1	2.8	1.4	-.4	-.4	-.3	-.4	-.4	-.3	-.3	-.3	23	17.1
13	BF	-.2	-.3	-.3	-.3	-.3	-.3	6.0	P76.8	39.7	3.8	5.4	-.2	-.3	6.8	39.8	1.2	.7	-.1	.5	.5	1.2	1.5	1.4	23	76.8
14	BF	.4	.6	.2	.0	-.1	-.1	7.8	68.7	50.4	.9	2.4	-.2	4.2	28.7	7.2	.0	-.2	.7	1.1	.8	.5	.3	.1	23	68.7
15	BF	.0	-.1	-.2	-.2	-.3	.0	.4	.6	.3	-.3	-.4	.9	-.3	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.4	-.4	-.4	23	.9
16	BF	-.3	-.3	-.3	-.3	-.4	-.3	.1	-.3	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.3	-.4	-.4	-.5	-.5	-.5	23	.1
17	BF	-.5	-.6	-.5	-.6	-.4	-.5	-.4	-.1	-.2	-.4	-.5	-.4	-.5	-.6	-.5	-.5	-.3	-.4	-.5	-.5	-.4	-.3	-.3	23	-.1
18	BF	-.3	-.4	-.5	-.5	-.5	1.0	.8	1.1	9.0	41.7	P151.	P103.	26.1	36.6	14.8	42.1	24.9	50.8	37.0	33.7	19.9	10.7	11.8	23	151.2
19	BF	1.6	.8	.5	.2	.6	3.2	9.2	11.1	33.1	19.3	18.0	33.4	P107.	P119.	P82.9	P107.	39.8	3.4	6.6	10.0	3.5	.7	.2	23	119.5
20	BF	.2	1.1	2.2	3.9	2.6	1.8	3.4	5.6	2.2	.4	-.1	-.3	7.1	24.0	16.4	.8	2.2	2.5	1.5	.1	-.2	-.3	-.3	23	24.0
21	BF	-.3	-.3	-.3	-.4	-.4	-.4	-.2	7.5	3.3	.0	19.2	16.9	8.1	6.4	.6	3.0	33.4	3.9	1.5	.6	.0	-.1	-.2	23	33.4
22	BF	-.3	-.4	-.5	-.5	-.5	.2	2.2	2.3	.0	-.3	-.4	-.4	-.5	-.6	-.6	-.6	-.5	-.1	-.4	-.5	-.6	-.6	-.5	23	2.3
23	BF	-.4	.7	22.2	14.8	59.8	35.7	P105.	P132.	59.1	P117.	P124.	P175.	P160.	P96.6	P97.1	35.9	5.6	7.0	6.7	3.1	34.1	5.5	13.1	23	175.5
24	BF	3.4	2.3	1.6	.7	13.4	3.6	7.1	9.0	28.5	18.2	48.1	6.0	1.2	1.5	7.7	13.7	2.8	1.9	2.2	1.1	.7	.3	.0	23	48.1
25	BF	.0	-.2	-.2	-.3	-.4	-.4	.0	-.1	-.3	-.4	-.5	-.5	-.6	-.5	-.5	-.5	13.0	2.4	-.2	-.4	-.5	-.6	-.7	23	13.0
26	BF	-.5	-.7	-.6	4.1	20.1	27.4	4.3	7.9	4.8	P140.	74.5	41.1	65.0	60.6	45.4	66.2	-.3	-.3	-.4	.2	.3	.3	.0	23	140.8
27	BF	-.1	-.4	-.3	-.4	-.5	-.5	-.5	-.2	-.6	-.5	13.7	18.1	40.1	P77.8	P93.3	43.6	52.5	50.5	47.8	9.0	2.2	.9	.4	23	93.3
28	BF	1.8	.9	1.9	4.0	3.9	4.4	30.4	36.6	14.7	21.4	37.4	48.6	2.3	-.5	-.5	-.5	-.4	.0	.3	.0	1.8	2.7	1.5	23	48.6
29	BF	.7	.0	.0	-.1	.0	2.6	2.9	1.2	-.5	-.5	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.4	-.2	-.2	-.4	-.2	-.2	23	2.9
30	BF	-.2	-.5	-.5	.1	4.3	3.9	.1	-.4	-.6	-.6	-.6	-.7	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.5	-.5	-.6	-.5	23	4.3
31																									0	
NO.:		30	30	30	30	30	30	30	30	30	30	30	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:		3.4	85.5	70.2	14.8	59.8	35.7	105.6	132.6	206.8	140.8	151.2	244.7	184.0	263.8	212.2	141.4	60.5	80.9	47.8	79.1	75.4	35.3	13.1		
AVG:		.30	2.91	3.08	1.12	3.33	2.69	5.96	13.81	24.90	18.57	24.62	28.31	22.84	26.89	24.38	15.09	7.72	7.93	5.51	4.47	4.80	1.87	.98		

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: 10.93 MONTHLY MAX: 263.8

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

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: 37-087-0013 POC: 1
COUNTY: (087) Haywood
CITY: (72150) West Canton
SITE ADDRESS: 104 Pace St
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (171) WESTERN MOUNTAIN
URBANIZED AREA: (0480) ASHEVILLE, NC
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 35.5341016017
LONGITUDE: -82.852868028
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 753
PROBE HEIGHT:

SUPPORT AGENCY: () Not Found
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

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	-.4	-.5	-.6	-.6	.2	-.3	-.5	-.3	-.6	-.6	-.7	-.7	-.7	-.8	-.7	-.7	-.6	-.6	-.6	-.7	-.7	23	.2
2	BF	-.7	-.7	-.6	-.6	-.7	-.6	-.6	-.6	-.6	-.6	-.7	-.7	-.7	-.7	-.6	-.7	-.6	-.6	-.7	-.6	-.6	-.6	-.6	23	-.6
3	BF	-.5	-.6	-.6	-.6	-.6	-.5	-.1	-.4	-.5	-.5	BA	BA	BA	62.5	25.9	4.9	-.6	-.6	-.6	-.5	-.5	-.5	-.5	20	62.5
4	BF	-.4	-.4	-.3	-.4	-.5	-.5	-.5	-.5	-.5	-.6	-.7	-.7	-.6	-.7	-.3	1.2	3.9	8.6	.3	3.0	2.4	.8	.0	23	8.6
5	BF	1.8	7.4	.9	-.2	.0	.0	9.5	21.4	10.2	-.3	-.4	-.6	-.7	-.7	-.5	-.4	-.4	-.5	-.5	-.5	-.5	-.6	-.6	23	21.4
6	BF	-.5	-.7	-.6	-.7	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.7	-.7	-.7	-.7	23	-.5
7	BF	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.6	-.7	-.7	-.7	-.6	-.6	-.6	-.6	-.6	23	-.6
8	BF	-.6	-.6	-.6	-.6	-.6	-.5	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.5	-.5	-.6	-.6	-.6	-.6	23	-.5
9	BF	-.4	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.6	-.7	-.7	-.7	-.6	23	-.4
10	BF	-.7	-.7	-.7	-.7	-.7	-.6	-.3	-.4	-.4	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.5	-.6	-.6	-.7	-.7	23	-.3
11	BF	-.7	-.8	-.8	-.8	-.8	-.7	-.6	-.6	-.5	-.7	-.7	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	23	-.5
12	BF	-.6	-.7	-.7	-.7	-.6	.0	8.4	11.7	42.3	57.1	39.1	P129.	57.4	51.5	24.5	1.7	.0	.3	3.1	10.4	6.8	.4	.1	23	129.0
13	BF	.0	-.2	-.3	-.4	-.5	-.6	-.3	-.2	-.3	-.3	-.3	-.6	-.7	-.8	-.8	-.8	-.8	-.8	-.8	-.7	-.8	-.8	-.8	23	0.0
14	BF	-.7	-.8	-.8	-.8	-.8	-.8	-.8	-.8	-.7	-.7	-.6	-.6	-.6	-.7	-.7	-.7	-.7	-.6	-.6	-.7	-.7	-.7	-.8	23	-.6
15	BF	-.8	-.8	-.8	-.8	-.8	-.8	-.8	.6	.6	-.6	-.7	-.7	-.6	-.7	-.5	7.6	-.7	-.2	-.3	-.5	-.6	-.7	-.8	23	7.6
16	BF	-.7	-.8	-.8	-.8	-.8	-.6	9.3	P81.2	59.1	31.8	29.2	36.3	51.8	18.1	-.1	-.5	-.5	-.3	.0	.7	.5	.5	-.1	23	81.2
17	BF	-.3	-.2	-.2	-.3	-.5	-.3	11.1	7.7	7.3	-.3	-.6	-.6	-.6	-.7	-.7	-.7	-.7	-.7	-.6	-.3	.0	.0	-.1	23	11.1
18	BF	-.4	-.6	-.6	-.2	.2	1.9	10.7	15.0	18.0	-.3	-.6	-.6	-.5	-.5	4.8	-.6	-.7	-.7	-.2	-.2	-.4	-.4	-.5	23	18.0
19	BF	-.6	-.7	-.7	-.8	-.7	-.3	.2	-.3	-.6	-.7	-.8	-.8	-.7	18.9	4.5	-.7	1.8	7.1	1.6	.0	-.4	-.6	-.7	23	18.9
20	BF	-.6	-.7	-.8	-.7	-.8	-.6	13.9	19.7	14.6	26.5	11.7	11.7	24.9	-.7	-.8	-.8	-.8	-.6	-.6	.0	-.2	.0	-.2	23	26.5
21	BF	-.2	.0	-.2	-.4	-.6	-.6	9.1	2.6	9.9	7.6	3.4	1.1	2.7	.3	.0	.0	.7	-.2	-.7	-.7	-.8	-.8	-.8	23	9.9
22	BF	-.7	-.8	-.8	-.8	-.8	-.8	-.7	-.7	-.5	-.8	-.8	3.4	34.7	16.5	4.2	-.2	-.6	-.6	-.7	-.8	-.8	-.9	-.9	23	34.7
23	BF	-.7	-.8	-.8	-.8	-.9	-.8	-.8	-.6	1.5	1.8	.8	.3	.4	.0	-.2	-.5	-.6	-.7	-.9	-.9	-.9	-.9	-.9	23	1.8
24	BF	-.8	-.9	-.9	-.9	-.9	-.9	4.2	18.2	47.0	-.4	-.4	-.6	-.4	-.3	7.6	4.4	5.9	6.6	2.4	1.2	-.2	-.6	-.7	23	47.0
25	BF	-.7	-.8	-.8	-.9	-.9	-.9	-.8	-.7	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.8	-.8	-.8	-.8	-.8	-.8	-.8	23	-.7
26	BF	-.8	-.8	-.9	-.9	-.9	-.7	-.8	-.8	-.9	-.8	-.8	-.8	-.8	-.8	-.8	-.7	-.8	-.8	-.1	-.5	-.8	-.7	-.8	23	-.1
27	BF	-.8	-.8	-.9	-.8	-.9	-.8	-.7	.0	-.6	-.7	-.8	-.9	-.8	-.9	-.9	-.9	-.8	-.9	-.8	-.8	-.9	-.9	-1.0	23	0.0
28	BF	-.9	-.9	-1.0	-.9	-.9	-1.0	-.9	-.9	-.9	-1.0	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	23	-.9
29	BF	-.9	-.9	-.9	-.9	-.9	-.9	-.8	-.8	-.9	-.9	-.9	-.9	-.9	-.8	-.8	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	23	-.8
30	BF	-.8	-.9	-.9	-1.0	-.9	-.9	-.9	-.9	-.9	-.8	-.9	-.9	-.9	.8	-.9	-.5	-.4	-.8	-.9	-.9	-.9	-.9	-.9	23	.8
31	BF	-.9	-.9	-.9	-1.0	-.9	-.9	-.9	-.7	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	23	-.7
NO.:		31	31	31	31	31	31	31	31	31	31	30	30	30	31	31	31	31	31	31	31	31	31	31		
MAX:		1.8	7.4	.9	-.2	.2	1.9	13.9	81.2	59.1	57.1	39.1	129.0	57.4	62.5	25.9	7.6	5.9	8.6	3.1	10.4	6.8	.8	.1		
AVG:		-.54	-.42	-.63	-.68	-.68	-.55	2.03	5.34	6.35	3.50	2.23	5.49	5.17	4.91	1.80	.09	-.18	.16	-.30	-.04	-.27	-.55	-.64		

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: 1.36 MONTHLY MAX: 129.0

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

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: 37-087-0013 POC: 1
COUNTY: (087) Haywood
CITY: (72150) West Canton
SITE ADDRESS: 104 Pace St
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (171) WESTERN MOUNTAIN
URBANIZED AREA: (0480) ASHEVILLE, NC
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 35.5341016017
LONGITUDE: -82.852868028
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 753
PROBE HEIGHT:

SUPPORT AGENCY: () Not Found
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

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	-.9	-.9	-.9	-.9	-.9	-.9	-.7	.1	-.6	-.8	-.7	BA	BA	-.8	-.8	-.6	-.7	-.7	-.7	-.7	-.8	-.8	-.8	21	.1
2	BF	-.8	-.9	-.9	-.9	-.9	-.8	1.8	2.1	-.4	-.8	-.8	-.8	-.8	-.5	5.6	3.9	1.9	-.5	.0	-.2	-.5	-.7	-.7	23	5.6
3	BF	-.8	-.8	-.9	-.9	-.9	-.9	.4	P86.2	17.2	-.2	-.7	-.8	8.0	8.9	-.7	.8	7.0	6.4	1.2	.2	.0	-.3	-.5	23	86.2
4	BF	-.6	-.7	-.7	-.8	-.8	-.6	3.1	34.7	47.4	11.1	.6	-.2	-.3	-.6	-.6	-.8	-.8	-.8	-.8	-.8	-.9	-.9	-.9	23	47.4
5	BF	-.8	-.9	-.9	-1.0	-.9	-.8	-.3	-.5	-.8	-.9	-1.0	-1.0	-.9	-.9	-.9	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	23	-.3
6	BF	-.9	-1.0	-1.0	-1.0	-1.0	-1.0	-.9	-1.0	-1.0	-1.0	-1.0	-.9	-1.0	-.9	-.9	-1.0	-1.0	-1.0	-1.0	-.9	-.9	-.9	-1.0	23	-.9
7	BF	-.9	-1.0	-.9	-1.0	-1.0	-.9	-.9	-.9	-.6	5.1	4.7	.1	4.1	.3	4.2	-.1	.4	8.3	-.4	-.4	-.6	-.1	1.5	23	8.3
8	BF	3.2	17.8	8.6	7.9	.6	11.1	29.1	5.7	3.9	4.5	1.7	15.1	4.5	5.9	2.0	5.6	19.7	25.8	14.6	7.1	.7	.0	-.4	23	29.1
9	BF	-.6	-.8	-.8	-.9	-.8	-.2	.1	16.1	9.1	-.7	-.8	-.9	.4	1.5	.3	-.5	-.6	-.4	-.2	-.3	-.5	-.7	-.8	23	16.1
10	BF	-.8	-.9	-.9	-.9	-.4	-.6	-.2	3.5	.4	-.8	-.9	-.8	-.7	-.4	17.5	1.0	-.8	-.8	-.6	-.5	-.6	-.6	-.6	23	17.5
11	BF	-.8	-.8	-.9	-.9	-.8	-.9	.6	10.1	3.8	-.6	-.8	9.0	4.7	-.4	-.4	-.6	26.5	1.2	.1	-.3	-.2	-.6	-.8	23	26.5
12	BF	-.8	-.8	-.9	-.8	-.9	-.9	-.4	-.4	-.6	5.8	10.4	5.0	-.2	-.7	-.5	1.9	.3	-.1	.4	-.5	-.8	-.9	-.9	23	10.4
13	BF	-.9	-.9	-.9	-.9	-.9	-.8	-.7	4.9	2.5	-.3	-.1	BF	BF	BF	.4	.3	.3	.3	1.1	.5	.2	.1	.0	20	4.9
14	BF	.1	.0	.0	.0	.0	.0	.1	.1	.4	.1	1.2	.8	.7	.9	1.2	4.7	1.3	.3	.1	.0	.0	.0	.0	23	4.7
15	BF	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.7	1.2	12.2	.2	.1	.1	.1	.4	.1	.0	.0	.0	.0	23	12.2
16	BF	.1	.0	.0	.0	.0	.0	.0	.0	10.8	17.2	5.5	2.0	.4	5.1	31.7	1.6	.3	.2	.1	.1	.0	.0	.0	23	31.7
17	BF	.5	.1	.0	.0	.0	.0	.7	1.8	8.1	18.3	5.9	15.6	6.7	5.3	5.8	5.9	2.9	.4	.2	.1	.0	.0	.0	23	18.3
18	BF	.5	.2	.6	.7	.8	1.0	4.3	6.2	15.7	3.4	2.0	.1	.1	.1	.0	.0	.0	.1	.2	.3	.2	.2	.2	23	15.7
19	BF	.7	.2	.2	.2	.1	.3	.3	.2	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.7
20	BF	.3	.1	.0	.0	.0	.0	.1	1.8	.8	3.6	6.2	4.1	5.2	8.8	3.1	1.7	5.3	12.8	4.9	.8	.3	.1	.1	23	12.8
21	BF	.4	.1	.1	.2	.3	.4	.3	.2	BA	BA	.1	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	.5
22	BF	.0	.0	.0	.0	.0	.0	.1	.5	.6	.3	.2	2.0	18.9	8.8	16.4	25.7	19.3	1.7	.9	.5	.4	.3	.2	23	25.7
23	BF	.2	.1	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
24	BF	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
25	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
26	BF	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.3	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	23	.3
27	BF	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.4	2.2	.0	.1	.0	.1	.1	.0	23	2.2
28	BF	.1	.0	.0	.0	.0	.1	3.8	41.0	40.9	20.3	9.1	BA	BA	BA	2.7	1.7	.2	.2	.2	.8	1.0	.8	.6	20	41.0
29	BF	.6	.4	.3	.3	.3	.7	3.0	2.0	.3	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.3	.2	.7	18.1	23	18.1
30	BF	55.8	3.3	1.5	.9	.6	.9	.8	1.3	7.1	3.3	1.1	.5	.2	.1	.1	.2	4.9	11.6	.6	.3	.1	.0	.0	23	55.8
31																									0	
NO.:		30	30	30	30	30	30	30	30	29	29	30	27	27	28	30	30	30	30	30	30	30	30	30		
MAX:		55.8	17.8	8.6	7.9	.8	11.1	29.1	86.2	47.4	20.3	10.4	15.6	18.9	8.9	31.7	25.7	26.5	25.8	14.6	7.1	1.0	.8	18.1		
AVG:		1.77	.40	.03	-.02	-.25	.18	1.49	7.21	5.70	3.01	1.43	1.89	2.33	1.46	2.88	1.70	2.93	2.15	.67	.18	-.12	-.17	.41		

MONTHLY OBSERVATIONS: 680 MONTHLY MEAN: 1.61 MONTHLY MAX: 86.2

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

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: 37-087-0013 POC: 1
COUNTY: (087) Haywood
CITY: (72150) West Canton
SITE ADDRESS: 104 Pace St
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (171) WESTERN MOUNTAIN
URBANIZED AREA: (0480) ASHEVILLE, NC
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 35.5341016017
LONGITUDE: -82.852868028
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 753
PROBE HEIGHT:

SUPPORT AGENCY: () Not Found
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	2.2	.5	.1	.0	.0	.0	.0	23	2.2
2	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.6	6.2	4.8	9.2	1.1	1.0	.1	.0	.0	.0	.0	23	9.2
3	BF	.0	.0	.0	.0	.0	.0	.0	.1	1.0	4.8	8.4	9.7	3.5	.5	.4	.1	.1	.0	.0	.0	.0	-.1	.0	23	9.7
4	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
5	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	23	.2
6	BF	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	23	.1
7	BF	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	23	0.0
8	BF	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	23	0.0
9	BF	.0	.0	.0	-.1	-.1	.0	.0	1.0	3.8	1.4	.0	.0	.0	.0	.4	.1	.1	.1	.0	.1	.0	.0	.0	23	3.8
10	BF	.0	.0	.0	.0	.0	.0	.0	.7	7.5	.1	.0	.0	.0	.0	.0	1.0	4.8	2.0	.6	.3	.1	.1	.0	23	7.5
11	BF	.1	.0	.0	.0	.0	.0	.0	2.0	.4	24.9	29.2	4.0	1.9	.7	.4	.1	.3	.3	.2	.1	.1	.0	.0	23	29.2
12	BF	.0	.0	.0	.0	.0	.0	2.2	10.6	.9	.1	.1	.0	12.2	1.5	12.3	.3	.3	.2	.1	.0	.0	.0	.0	23	12.3
13	BF	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	23	.1
14	BF	.0	.0	.0	-.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	7.5	9.6	11.0	1.2	.3	.1	.0	.0	23	11.0
15	BF	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	-.1	-.1	-.1	.0	-.1	-.1	23	.5
16	BF	.0	-.1	-.1	-.1	.0	-.1	.0	.0	.0	.0	.0	.0	.2	3.3	.5	.5	.7	3.3	.9	.1	.0	.0	.0	23	3.3
17	BF	.0	.0	-.1	.0	.0	.0	.0	.5	.4	.9	.0	4.8	4.0	1.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	4.8
18	BF	.0	.0	.0	.2	.6	.5	.2	1.4	1.2	3.9	.2	.0	.0	.3	.0	23.0	11.0	.2	.0	.0	.0	.0	.0	23	23.0
19	BF	.1	.0	.0	.0	.0	.0	.0	.3	5.2	.3	.1	1.6	2.5	.8	.0	.0	.0	.0	.0	.0	.0	.0	-.1	23	5.2
20	BF	.0	.0	.0	.0	.0	.0	.1	.3	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	23	.3
21	BF	.0	.0	.0	-.1	.0	-.1	.0	.4	4.2	15.5	15.5	3.4	2.6	.2	.6	.9	.0	.0	.0	.0	.0	.0	-.1	23	15.5
22	BF	.0	-.1	.0	-.1	-.1	.0	2.6	15.6	4.1	2.1	.2	.0	.1	3.1	2.5	.0	.0	.0	.2	.1	.0	.0	.0	23	15.6
23	BF	.0	.0	.0	-.1	-.1	-.1	.0	.9	.0	.0	.0	1.1	.3	.1	.0	.4	.7	.0	.0	-.1	-.1	-.1	-.1	23	1.1
24	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.5	.2	.0	.2	.0	.0	.0	-.1	-.1	-.1	-.1	23	.5
25	BF	.0	.0	-.1	-.1	-.1	-.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	-.1	23	.1
26	BF	.0	.0	-.1	.0	-.1	.0	.0	.6	7.1	23.5	BA	BA	BA	6.5	9.9	19.4	5.6	.5	3.6	.6	.1	.0	.0	20	23.5
27	BF	.0	-.1	.0	.0	.0	-.1	.2	5.3	1.0	.0	.0	.0	.0	.0	23.2	37.9	12.3	1.2	.2	.0	.0	.0	.0	23	37.9
28	BF	.0	-.1	.0	-.1	.0	-.1	.0	1.0	1.5	10.5	.8	.1	.0	.0	.0	.1	.0	-.1	-.1	-.1	-.2	-.1	-.2	23	10.5
29	BF	-.1	-.1	-.2	-.2	-.2	-.2	-.1	-.1	.0	-.1	-.1	-.1	.0	-.1	-.1	-.1	.0	-.1	.0	.0	.0	.0	.0	23	0.0
30	BF	.0	.0	-.1	.0	-.1	-.1	-.1	.0	3.0	4.9	2.5	4.0	9.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	9.0
31	BF	.0	.0	-.1	.0	.0	.0	.4	23.5	37.9	45.7	19.7	10.6	4.9	1.4	1.2	1.0	.1	.4	1.4	1.0	.7	.9	.4	23	45.7
NO.:		31	31	31	31	31	31	31	31	31	31	30	30	30	31	31	31	31	31	31	31	31	31	31		
MAX:		.1	0.0	0.0	.2	.6	.5	2.6	23.5	37.9	45.7	29.2	10.6	12.2	6.5	23.2	37.9	12.3	11.0	3.6	1.0	.7	.9	.4		
AVG:		.01	-.02	-.04	-.03	-.01	-.02	.18	2.07	2.56	4.47	2.55	1.32	1.47	.85	1.81	3.32	1.58	.66	.28	.07	.02	.01	-.02		

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: 1.00 MONTHLY MAX: 45.7

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: 37-087-0013 POC: 1
COUNTY: (087) Haywood
CITY: (72150) West Canton
SITE ADDRESS: 104 Pace St
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (171) WESTERN MOUNTAIN
URBANIZED AREA: (0480) ASHEVILLE, NC
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 35.5341016017
LONGITUDE: -82.852868028
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 753
PROBE HEIGHT:

SUPPORT AGENCY: () Not Found
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	.3	.1	.1	.0	.0	.0	.1	2.6	10.4	13.4	5.3	8.9	7.1	.2	.2	.3	.7	1.3	.2	.1	.0	.0	.0	23	13.4
2	BF	.0	.0	.0	.0	.0	.2	.6	.7	6.2	8.2	8.7	23.3	3.8	.3	.2	.0	.1	.2	.2	.1	.0	.0	.0	23	23.3
3	BF	.1	.0	.0	.0	.0	.0	.7	3.6	3.8	7.3	3.4	21.5	7.0	4.6	28.6	8.5	.0	.0	.2	.4	.2	.1	.0	23	28.6
4	BF	.0	.0	.0	.0	.0	.0	.2	1.3	2.6	2.8	.8	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	23	2.8
5	BF	.0	.0	-.1	-.1	.0	-.1	.0	.0	.0	.3	2.3	2.2	.0	2.8	.1	2.7	8.8	.2	.0	.0	-.1	-.1	.0	23	8.8
6	BF	.0	.0	-.1	-.1	.0	.0	2.2	32.7	28.1	34.9	7.1	.2	.1	.0	1.2	17.3	22.1	.7	.8	.8	.4	.1	.0	23	34.9
7	BF	.1	.0	.0	.0	.0	.3	.9	.8	.3	.1	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	.9
8	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.7	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	23	.7
9	BF	30.7	6.2	1.6	.6	.2	.4	2.1	5.5	32.0	55.6	18.1	32.3	41.1	36.0	29.7	10.1	6.2	3.9	.3	.1	.2	1.2	.1	23	55.6
10	BF	.1	.1	.2	1.7	2.4	14.8	8.3	11.5	19.2	28.3	49.6	31.5	18.5	20.1	12.1	17.1	18.2	10.9	14.1	3.5	1.0	.8	.6	23	49.6
11	BF	.2	.1	.1	.1	.0	.0	4.9	2.7	3.9	10.4	50.9	46.0	74.7	74.0	4.2	1.3	1.9	9.4	.9	.4	.2	.0	.0	23	74.7
12	BF	.0	.0	.0	-.1	-.1	-.1	.0	.0	.0	4.9	8.8	.4	.5	.2	.2	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	23	8.8
13	BF	.0	-.1	-.1	-.2	-.2	-.1	-.1	.6	5.7	6.1	6.4	15.2	10.8	6.7	9.9	9.8	.5	.1	.0	.0	-.1	-.1	-.1	23	15.2
14	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	1.0	4.9	.4	.0	.0	4.0	17.4	14.8	11.3	21.7	.1	.0	.2	.1	.0	23	21.7
15	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	.3	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	.3
16	BF	.0	-.1	-.1	-.1	-.1	.0	.1	.1	.2	.1	.2	.4	.1	.6	4.1	.4	.1	.0	.0	.0	.0	.0	.0	23	4.1
17	BF	.0	.0	.0	.0	.0	.0	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	23	.3
18	BF	.0	.0	-.1	.0	.0	.0	.5	.7	.3	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	23	.7
19	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.3	1.2	.2	2.3	3.5	5.0	2.5	.0	8.1	.0	.0	-.1	-.1	-.1	-.1	23	8.1
20	BF	.0	-.1	-.1	-.1	-.1	-.1	.6	5.1	1.6	8.5	3.1	11.2	9.7	10.7	13.2	.0	.0	.1	.2	.3	.2	.0	.0	23	13.2
21	BF	.0	.0	.0	.0	-.1	.0	.0	.7	3.1	36.4	2.1	1.8	.3	.2	.0	.0	.6	.0	.0	.0	.0	-.1	.0	23	36.4
22	BF	.0	.0	.0	.0	.0	.0	.1	1.8	2.1	.0	.0	.0	-.1	-.1	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	23	2.1
23	BF	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	-.1	BA	BA	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	21	0.0
24	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.3	-.1	-.1	-.1	.0	.1	.3	.2	.2	.0	.0	.0	-.1	-.1	23	.3
25	BF	.0	-.1	-.1	-.1	-.1	.0	2.1	75.1	29.9	23.0	10.4	36.6	20.4	12.6	1.5	6.9	15.5	2.9	.5	2.6	9.9	1.1	.3	23	75.1
26	BF	.1	.0	.0	-.1	-.1	-.1	.0	32.8	38.4	23.7	18.4	15.3	15.2	1.1	6.1	6.6	3.3	7.0	8.3	8.2	6.9	22.3	5.1	23	38.4
27	BF	7.3	26.2	55.7	19.4	20.0	6.0	21.4	41.8	5.4	2.2	51.5	37.9	35.4	18.4	3.3	.0	.3	.1	1.8	3.2	1.8	.8	.9	23	55.7
28	BF	1.4	1.9	.5	.5	.8	1.7	11.5	14.0	11.3	23.5	21.3	3.6	1.8	11.1	5.1	5.5	2.2	.4	.2	.6	.4	.2	.1	23	23.5
29	BF	.2	.5	.0	.0	.0	.0	.0	.1	.0	.9	24.7	7.6	4.8	.9	.1	.0	.0	.0	.1	.0	.0	-.1	-.1	23	24.7
30	BF	.0	-.1	-.1	.0	.0	.0	.0	20.2	22.8	1.8	.7	6.9	4.5	9.9	.8	.4	.3	.8	.1	.0	.0	-.1	-.1	23	22.8
31	BF	.0	-.1	-.1	-.2	-.2	-.1	-.1	.0	4.0	5.8	4.2	1.5	.2	.3	.6	.0	.0	.4	.0	-.1	-.1	.0	.0	23	5.8
NO.:		31	31	31	31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:		30.7	26.2	55.7	19.4	20.0	14.8	21.4	75.1	38.4	55.6	51.5	46.0	74.7	74.0	29.7	17.3	22.1	21.7	14.1	8.2	9.9	22.3	5.1		
AVG:		1.30	1.09	1.83	.66	.70	.72	1.80	8.21	7.51	9.82	9.97	10.21	8.35	7.07	4.54	3.27	3.22	1.93	.89	.63	.66	.82	.19		

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: 3.70 MONTHLY MAX: 75.1

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: 37-087-0013 POC: 1
COUNTY: (087) Haywood
CITY: (72150) West Canton
SITE ADDRESS: 104 Pace St
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (171) WESTERN MOUNTAIN
URBANIZED AREA: (0480) ASHEVILLE, NC
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 35.5341016017
LONGITUDE: -82.852868028
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 753
PROBE HEIGHT:

SUPPORT AGENCY: () Not Found
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

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	14.9	23.5	59.7	28.0	2.6	1.2	.9	.2	.0	.0	.7	1.6	11.0	1.2	.0	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	23	59.7
2	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0
3	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	-.1	.0	-.1	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	23	0.0
4	BF	.0	-.1	-.1	-.1	.0	.0	.0	.1	.1	18.0	23.5	3.2	2.5	2.2	4.3	.2	.3	.0	.0	.0	-.1	-.1	-.1	23	23.5
5	BF	.0	-.1	-.1	-.1	.0	.0	.5	2.4	.3	.0	-.1	.0	-.1	-.1	.0	3.4	.0	.0	-.1	-.1	.0	-.1	-.1	23	3.4
6	BF	-.1	-.1	-.1	-.1	-.2	-.1	-.2	-.1	-.2	-.1	-.1	-.1	.5	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	.5
7	BF	-.1	-.1	-.1	-.1	-.1	-.1	.0	.6	.9	.1	.0	.0	.0	.0	.5	7.4	.3	.2	.1	.0	.0	.0	-.1	23	7.4
8	BF	.0	.0	-.1	-.1	.5	.1	.0	.0	1.2	5.1	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	10	5.1
9	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	0	
10	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	0	
11	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	0	
12	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	BA	BC	BC	BC	BC	.4	.4	.5	.4	.4	.5	12.2	28.6	9.5	9	28.6
13	BF	2.3	23.7	23.4	22.1	11.0	7.2	4.8	.8	.5	.5	.4	.5	.5	.6	.6	.6	.7	.8	1.0	.9	1.0	1.0	.9	23	23.7
14	BF	1.0	.8	.7	.7	.6	.7	.7	.6	.6	.6	.5	.5	.5	.5	.4	.4	.5	.5	.6	.6	.4	.4	.4	23	1.0
15	BF	1.3	1.8	1.1	1.6	1.7	1.8	1.3	1.1	.8	26.1	9.5	.9	.7	.7	1.7	.8	.8	.8	.6	.5	.5	.5	.4	23	26.1
16	BF	.5	.7	.6	.6	.6	.5	.6	.5	.6	1.8	.8	.7	5.2	2.5	.6	.4	.4	.5	.4	.4	.4	.4	.4	23	5.2
17	BF	.5	.4	.4	.6	.6	.5	.5	2.4	.9	.7	1.0	.6	.6	.4	.5	.4	.5	.7	.6	.5	.4	.4	.4	23	2.4
18	BF	.5	.5	.9	1.1	.8	.6	.7	1.5	2.7	1.2	.5	.4	.4	.4	.4	.4	.5	.6	.6	.5	.5	.4	.4	23	2.7
19	BF	.5	.4	.5	.6	1.1	1.1	1.1	3.8	24.6	38.5	10.6	1.1	.5	.6	.5	.5	.7	1.1	.9	.8	.6	1.4	.8	23	38.5
20	BF	.5	.4	.4	.4	.5	2.0	2.7	1.0	1.2	.6	.5	.4	.5	.4	.4	.4	.5	.7	.6	.5	.4	.4	.4	23	2.7
21	BF	.5	.4	.4	.4	.5	.4	.4	.5	1.0	.5	.5	3.8	4.0	4.3	3.1	1.7	8.5	1.4	.6	.5	.4	.4	.4	23	8.5
22	BF	.5	.4	.5	1.1	3.1	2.0	5.4	14.9	11.1	12.5	2.7	5.0	7.1	6.6	5.2	2.0	1.2	3.5	1.4	.9	.7	.6	.5	23	14.9
23	BF	.5	.4	.4	.4	1.1	2.0	3.4	4.3	37.8	6.4	3.4	5.9	10.2	11.7	5.9	74.9	5.4	3.3	1.5	11.4	4.1	5.7	1.1	23	74.9
24	BF	.8	.6	.5	.5	.7	9.4	2.9	27.2	31.6	19.7	29.6	14.8	38.3	12.0	1.8	6.7	1.1	1.5	1.6	1.2	.8	.7	.6	23	38.3
25	BF	.5	.5	.5	.4	.5	.6	.7	19.6	68.7	41.4	21.5	5.1	1.2	2.4	9.3	1.7	.8	1.6	1.4	.9	.7	.5	.5	23	68.7
26	BF	.5	.5	.5	.5	.5	.5	.4	.6	1.8	1.2	.6	.5	.4	.4	.4	.4	.5	.6	.5	.5	.4	.4	.4	23	1.8
27	BF	.5	.4	.4	.4	.4	.4	.4	.4	2.6	1.8	.6	.5	.5	.5	.4	.5	.5	.5	.4	.4	.3	.3	.3	23	2.6
28	BF	.4	.4	.3	.4	.3	.4	.4	.4	1.1	.9	.8	.6	.5	.6	.4	.4	.5	.5	.4	.4	.3	.3	.4	23	1.1
29	BF	.4	.4	.3	.4	.4	.4	1.3	23.8	55.4	31.2	16.0	12.4	22.7	4.1	1.0	.8	.9	1.0	.8	.7	.6	.5	.5	23	55.4
30	BF	.5	.5	.4	.4	.4	.4	.4	.5	.7	.9	1.2	2.1	5.1	.5	.4	.5	.5	.5	.5	.5	.5	.5	.5	23	5.1
31																									0	
NO.:		26	26	26	26	26	26	26	26	26	26	25	25	25	25	26	26	26	26	26	26	26	26	26		
MAX:		14.9	23.7	59.7	28.0	11.0	9.4	5.4	27.2	68.7	41.4	29.6	14.8	38.3	12.0	9.3	74.9	8.5	3.5	1.6	11.4	12.2	28.6	9.5		
AVG:		1.03	2.16	3.51	2.30	1.05	1.22	1.12	4.11	9.46	8.06	4.98	2.41	4.51	2.09	1.46	4.02	.97	.78	.56	.85	.95	1.65	.70		

MONTHLY OBSERVATIONS: 594 MONTHLY MEAN: 2.60 MONTHLY MAX: 74.9

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: 37-087-0013 POC: 1
COUNTY: (087) Haywood
CITY: (72150) West Canton
SITE ADDRESS: 104 Pace St
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (171) WESTERN MOUNTAIN
URBANIZED AREA: (0480) ASHEVILLE, NC
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 35.5341016017
LONGITUDE: -82.852868028
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 753
PROBE HEIGHT:

SUPPORT AGENCY: () Not Found
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	.6	.6	2.2	23.9	5.3	1.4	4.1	18.2	25.7	21.4	24.6	56.3	60.8	56.1	53.3	62.6	43.6	6.8	1.6	.7	.8	.8	.6	23	62.6
2	BF	.6	.5	.5	.5	.5	.5	.6	74.8	P84.2	10.2	17.1	20.7	19.4	33.6	13.7	38.9	65.9	46.7	20.6	2.4	1.2	.8	.6	23	84.2
3	BF	.6	.5	.6	.6	.5	.7	3.1	15.4	41.3	45.9	38.0	14.9	17.1	46.3	49.6	54.9	31.4	1.1	1.9	1.6	1.0	.7	.6	23	54.9
4	BF	.6	.5	.5	.5	.6	.7	.9	5.1	13.8	64.9	33.0	14.4	3.7	4.8	33.5	10.6	.9	1.3	1.6	1.3	.9	.7	.7	23	64.9
5	BF	.6	.6	.5	.5	.5	.7	.9	4.1	BA	BA	45.8	16.5	6.7	16.1	8.1	11.0	.9	1.3	2.1	1.1	.8	.6	.5	21	45.8
6	BF	.6	.5	.5	.5	.6	.7	.6	36.4	8.2	1.5	4.8	6.3	12.0	51.1	23.1	23.3	42.6	2.0	1.5	1.4	1.0	.8	.6	23	51.1
7	BF	.7	.6	.8	1.5	5.3	2.8	2.2	33.5	P86.4	2.6	60.8	60.9	P123.	12.8	26.0	58.3	3.9	36.3	4.8	9.0	13.1	1.8	1.4	23	123.9
8	BF	2.6	6.2	13.0	15.8	3.3	24.8	65.6	29.1	28.4	49.4	32.6	1.8	1.2	10.3	3.7	1.2	.8	.6	.5	2.0	2.4	1.1	.8	23	65.6
9	BF	.7	.5	.5	.4	.4	.4	.5	.6	.5	.5	.5	.5	.5	.5	5.8	7.7	2.9	.9	.7	.7	.5	.4	.4	23	7.7
10	BF	.5	.5	.4	.4	.3	.4	.4	.5	.6	.4	.4	BA	BA	.9	.7	1.1	.7	.5	.4	.3	.3	.4	.3	21	1.1
11	BF	.5	.3	.4	.5	.4	.4	.5	1.9	1.0	.6	.4	.4	.3	.6	.6	2.5	.9	.6	.4	.3	.3	.3	.3	23	2.5
12	BF	.3	.3	.3	.5	1.3	.7	.6	1.0	3.1	6.7	1.9	2.0	4.6	5.1	.7	.4	.4	.6	.7	.6	.6	.6	.6	23	6.7
13	BF	.8	1.1	.8	.7	.6	.6	.8	7.4	17.7	28.1	P106.	P89.4	P101.	68.7	58.2	P81.6	14.4	30.6	11.4	17.8	6.7	3.8	.9	23	106.7
14	BF	.8	.5	.5	.4	.5	.4	.4	.5	.6	2.3	2.2	.5	.9	1.5	1.6	5.7	7.7	.8	.6	.4	.4	.4	.4	23	7.7
15	BF	.5	.4	.4	.4	.4	.5	.5	.9	1.5	.5	.5	.4	.4	.4	.4	.4	.4	.5	.4	.4	.4	.4	.3	23	1.5
16	BF	.4	.3	.3	.3	.3	.3	.3	.4	.3	.4	.4	.4	.4	.4	.4	.3	.3	.3	.4	.4	.4	.4	.3	23	.4
17	BF	.4	.4	.4	.4	.9	.7	1.3	4.5	11.7	10.5	2.4	10.4	16.9	5.7	8.6	4.9	3.7	1.3	1.3	.9	.8	.6	.6	23	16.9
18	BF	.6	.5	.5	.6	.7	.9	1.9	2.9	48.3	P155.	58.0	P88.8	59.6	64.5	P141.	64.9	47.6	32.8	3.0	1.3	1.0	.8	.6	23	155.5
19	BF	.6	.5	.5	.5	.5	.6	.8	1.2	6.9	2.6	2.6	1.1	.8	1.1	19.5	42.4	14.1	1.7	1.1	.9	.7	.6	.6	23	42.4
20	BF	.6	.5	.6	.5	.6	.6	.7	.8	.6	2.8	1.9	24.4	43.3	16.6	9.3	23.6	15.1	1.0	.8	.7	.6	.6	.6	23	43.3
21	BF	.6	.5	.5	.5	.5	.7	.7	2.8	6.7	69.0	29.0	50.8	11.9	47.0	45.8	48.8	46.4	24.9	2.6	1.9	1.1	.8	.6	23	69.0
22	BF	.5	.5	.4	.4	.4	.4	.5	1.0	11.2	1.9	.6	.5	.5	.5	.5	.8	.9	2.9	3.8	24.8	37.5	25.0	2.1	23	37.5
23	BF	38.9	71.8	66.5	25.5	25.8	39.9	28.9	15.4	1.7	1.1	1.4	3.1	1.3	1.0	.8	.6	.5	.5	.5	.5	.4	.5	.4	23	71.8
24	BF	.5	.4	.3	.4	.4	.4	.5	.5	.6	.5	BA	BA	BA	BA	.4	.4	.4	.5	.4	.5	.5	.4	.4	19	.6
25	BF	.5	.5	.5	.5	.5	.5	.5	.5	.5	.4	.5	.4	.4	.4	.5	.4	.5	.5	.4	.5	.5	.5	.5	23	.5
26	BF	.5	.5	.4	.4	.5	.5	.6	.8	.6	.7	.7	.6	.6	.6	.6	.6	3.3	2.5	1.0	.7	.5	.7	.6	23	3.3
27	BF	.5	.6	.6	.7	.7	.8	1.7	12.9	73.2	34.8	5.8	1.0	.7	.6	.6	.7	.8	1.1	1.3	1.1	2.0	1.6	1.6	23	73.2
28	BF	1.4	1.5	1.5	2.8	3.8	1.1	1.0	.9	7.8	2.4	.9	.7	.7	.6	.5	.7	.9	.8	19.6	17.5	1.8	.9	.7	23	19.6
29	BF	.7	.6	.5	.4	.5	.4	.5	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	23	.7
30	BF	.5	.4	.6	.8	.8	.7	.7	.8	.7	.6	.8	.5	1.2	.6	.5	.5	.6	.5	.6	.6	.6	.8	.6	23	1.2
31	BF	.7	.6	.6	.5	.5	.5	.6	4.8	1.1	1.1	4.6	1.1	14.7	27.9	21.2	23.1	2.9	.9	.7	.6	.6	.7	.7	23	27.9
NO.:		31	31	31	31	31	31	31	31	30	30	30	29	29	30	31	31	31	31	31	31	31	31	31		
MAX:		38.9	71.8	66.5	25.5	25.8	39.9	65.6	74.8	86.4	155.5	106.7	89.4	123.9	68.7	141.6	81.6	65.9	46.7	20.6	24.8	37.5	25.0	2.1		
AVG:		1.90	3.02	3.12	2.65	1.87	2.73	3.96	9.04	16.18	17.33	15.98	16.18	17.45	15.89	17.10	18.49	11.48	6.55	2.81	3.01	2.57	1.58	.65		

MONTHLY OBSERVATIONS: 705 MONTHLY MEAN: 8.24 MONTHLY MAX: 155.5

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

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: 37-087-0013 POC: 1
COUNTY: (087) Haywood
CITY: (72150) West Canton
SITE ADDRESS: 104 Pace St
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (171) WESTERN MOUNTAIN
URBANIZED AREA: (0480) ASHEVILLE, NC
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 35.5341016017
LONGITUDE: -82.852868028
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 753
PROBE HEIGHT:

SUPPORT AGENCY: () Not Found
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	.6	.6	.6	.7	.8	1.1	2.0	6.6	24.2	16.9	24.7	31.0	14.5	.9	.8	.9	1.2	1.2	1.4	1.3	1.2	1.1	1.1	23	31.0
2	BF	1.5	1.6	2.1	2.0	1.6	1.5	1.3	2.0	48.2	11.8	2.5	.8	.6	1.1	36.9	15.5	12.2	1.3	1.0	.8	.8	.6	.5	23	48.2
3	BF	.5	.6	.5	.5	.5	.5	.7	1.0	2.3	13.1	3.6	.6	.6	.6	.6	.8	.9	.6	1.3	1.2	.8	.6	.5	23	13.1
4	BF	.5	.4	.3	.3	.3	.4	.4	1.3	4.7	13.1	19.8	3.9	15.9	33.9	36.3	68.5	38.6	6.2	12.8	2.5	1.4	4.6	2.1	23	68.5
5	BF	1.2	2.3	1.8	1.0	.9	.9	1.1	5.1	21.2	48.3	5.0	.6	4.6	2.8	.5	.7	.7	.8	1.4	2.1	1.3	1.2	1.7	23	48.3
6	BF	1.2	1.0	1.0	1.1	.8	.6	.6	.5	.5	.4	.4	.4	.4	.4	.4	.4	.5	.6	.5	.4	.4	.4	.4	23	1.2
7	BF	.4	.4	.5	.8	.9	.8	9.4	35.1	3.1	2.4	1.6	1.7	BA	BA	.7	.6	.5	.4	.4	.3	.3	.4	.4	21	35.1
8	BF	.8	.6	.4	.5	3.3	1.1	.8	51.0	P125.	P138.	P128.	P153.	P152.	P112.	P115.	53.0	44.5	36.7	43.8	29.5	14.8	17.3	22.4	23	153.2
9	BF	17.6	14.8	3.9	11.0	5.9	1.7	1.4	1.8	3.3	2.3	1.4	1.7	1.9	4.9	1.0	.7	.6	.6	.5	.4	.4	.4	.4	23	17.6
10	BF	.5	.4	.4	.5	.4	.4	.6	.8	.8	.7	.6	.6	.5	.4	.5	1.1	.9	.7	.6	.6	.5	.6	.6	23	1.1
11	BF	1.4	64.9	P102.	P83.7	P99.5	P86.2	P130.	P146.	69.5	61.1	P94.8	P87.2	71.9	P120.	P107.	P102.	P88.9	62.8	14.5	P77.1	P124.	P127.	P108.	23	146.7
12	BF	27.0	45.9	P90.4	P75.8	42.9	11.4	4.4	28.2	7.0	4.1	3.5	13.2	13.8	4.9	4.0	11.6	8.8	3.5	3.5	2.9	2.1	1.3	1.3	23	90.4
13	BF	1.3	1.0	.8	.7	.5	.5	.5	.6	.7	.6	.6	.5	.5	.4	.4	.5	.5	.4	.4	.4	.5	.5	.5	23	1.3
14	BF	.5	.5	.5	.5	.5	.4	.5	.5	.6	AZ	AZ	8.7	4.9	11.4	14.4	17.6	2.0	4.6	22.2	9.9	3.7	1.3	1.0	21	22.2
15	BF	1.0	1.0	1.0	.8	.8	.7	.7	.7	3.6	6.4	6.8	12.6	8.0	15.9	74.2	P79.8	9.7	2.5	1.4	1.1	1.1	1.5	1.9	23	79.8
16	BF	1.1	.8	.7	.7	.6	.5	.4	.6	.5	.4	.3	.4	.4	.3	.3	.4	.4	.4	.5	.6	.5	1.3	.7	23	1.3
17	BF	.5	.5	.5	.5	.5	.6	.6	1.4	47.2	66.7	74.6	11.3	5.5	16.2	22.3	67.8	5.6	2.7	1.7	1.2	1.0	.9	1.0	23	74.6
18	BF	1.0	1.4	2.3	2.6	1.8	1.0	.9	1.2	10.2	1.7	.7	.7	.6	.7	.7	.7	.6	.5	.6	.7	.5	.6	.5	23	10.2
19	BF	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.3	.4	23	.4
20	BF	.4	.4	.4	.4	.4	.4	.4	.4	.5	1.9	3.5	63.4	33.6	65.8	P96.9	42.5	3.0	1.4	.8	.8	.6	.5	.5	23	96.9
21	BF	.5	.5	.7	1.6	4.9	4.3	3.6	4.3	5.6	5.6	10.9	42.8	1.3	.9	.5	.5	.6	.9	.9	1.3	1.1	1.0	.7	23	42.8
22	BF	.6	.6	.6	.5	.5	.6	.7	.8	1.1	1.1	.9	.8	.7	.6	.6	.6	.6	.6	.6	.6	.5	.5	.5	23	1.1
23	BF	.5	.5	.4	.5	.5	.5	.7	10.6	54.4	P78.0	51.5	20.9	8.1	13.2	16.6	15.2	2.0	2.5	1.6	1.2	.9	.7	.7	23	78.0
24	BF	.6	.6	.6	.5	.5	.6	1.5	2.8	17.8	23.5	11.6	42.5	25.7	11.9	46.7	59.6	4.9	6.8	3.0	1.5	1.3	1.2	1.3	23	59.6
25	BF	1.1	1.0	.8	.7	.7	.6	.7	.8	1.5	3.0	5.1	.7	.8	1.2	1.4	1.2	1.1	1.1	1.1	1.0	1.0	1.0	.8	23	5.1
26	BF	.6	.5	.5	.5	.6	.5	.6	.8	.6	.5	.4	.4	.4	.4	.4	.5	.4	.4	.5	.6	.5	.5	.6	23	.8
27	BF	.6	.5	.4	.5	.5	.5	.6	1.1	11.3	1.9	.9	12.4	11.1	15.2	26.9	19.8	2.1	1.0	3.7	3.7	1.7	1.3	.9	23	26.9
28	BF	.9	.8	.8	.8	.8	.9	1.1	1.9	1.4	11.2	P117.	P89.4	31.6	6.4	28.8	22.1	3.3	1.8	1.5	1.4	1.7	1.4	1.5	23	117.7
29	BF	.7	.6	.7	.8	.8	.9	1.0	1.7	39.7	65.4	13.6	1.1	.7	1.3	30.1	14.7	2.5	3.1	2.0	1.6	1.2	.9	.8	23	65.4
30	BF	.8	.7	.7	.7	.7	.7	.8	1.4	38.1	P93.1	P249.	P91.6	30.7	21.5	2.2	32.5	7.0	4.6	3.1	2.0	1.6	1.4	1.2	23	249.2
31																									0	
NO.:		30	30	30	30	30	30	30	30	30	29	29	30	29	29	30	30	30	30	30	30	30	30	30		
MAX:		27.0	64.9	102.1	83.7	99.5	86.2	130.5	146.7	125.8	138.1	249.2	153.2	152.2	120.3	115.5	102.0	88.9	62.8	43.8	77.1	124.0	127.0	108.0		
AVG:		2.21	4.86	7.22	6.38	5.79	4.04	5.63	10.40	18.19	23.23	28.81	23.18	15.23	16.09	22.29	21.07	8.17	5.04	4.26	4.97	5.59	5.74	5.16		

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

MONTHLY OBSERVATIONS: 686 MONTHLY MEAN: 10.97 MONTHLY MAX: 249.2

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: 37-087-0013 POC: 1
COUNTY: (087) Haywood
CITY: (72150) West Canton
SITE ADDRESS: 104 Pace St
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (171) WESTERN MOUNTAIN
URBANIZED AREA: (0480) ASHEVILLE, NC
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 35.5341016017
LONGITUDE: -82.852868028
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 753
PROBE HEIGHT:

SUPPORT AGENCY: () Not Found
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2017

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	1.0	.7	.5	.4	.5	.6	1.4	2.9	10.9	4.1	18.4	3.2	18.8	19.7	5.6	20.1	26.5	8.3	1.4	1.1	2.1	23	26.5
2	BF	1.2	1.9	13.6	4.9	6.5	10.6	11.9	3.3	2.2	1.3	2.1	14.7	13.2	19.0	25.0	18.2	45.0	1.8	6.5	4.5	1.3	.7	.6	23	45.0
3	BF	.5	.5	.6	.7	.6	.4	.4	.5	.8	.7	.6	.6	.5	.5	.5	.6	.6	.7	.6	.5	.5	.5	.6	23	.8
4	BF	.4	.4	.4	.5	.5	.6	.7	1.2	23.1	P110.	P212.	P140.	64.4	11.7	.7	.6	.9	2.6	2.0	2.4	1.4	1.1	.7	23	212.9
5	BF	1.6	1.6	1.4	3.5	6.2	11.7	7.7	AV	20.0	3.1	BA	BC	BC	.6	.3	.1	.1	.0	.0	.0	.0	.0	.0	19	20.0
6	BF	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.6	.2	.1	.0	.0	.0	.0	.0	23	.6
7	BF	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.1	.0	.0	.0	.0	.3	.7	.1	.1	.0	.1	.1	.0	23	.7
8	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.5	1.0	.2	.0	.0	.0	.0	.0	.0	23	1.0
9	BF	2.8	.5	.2	.1	.0	.1	.0	.1	.2	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	2.8
10	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.2	1.0	.9	.4	.3	.2	.2	23	1.0
11	BF	.1	.3	.3	.2	.2	.2	.3	.5	4.7	12.6	12.8	45.1	30.3	12.0	8.5	.8	1.1	1.8	.8	.4	.3	.2	.1	23	45.1
12	BF	.3	.3	.4	.2	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	23	.4
13	BF	.5	.5	.6	.6	.5	.5	.3	.3	.3	.1	.1	8.5	26.4	16.9	12.6	.1	.1	.1	.0	.1	.2	.3	.3	23	26.4
14	BF	.3	.2	.2	.2	.4	.3	.2	.4	.3	.3	.2	.2	.2	11.4	14.2	12.5	9.4	.6	.3	.1	.1	.0	.0	23	14.2
15	BF	.1	.1	.1	.1	.1	.1	.1	.3	.9	.9	2.3	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	23	2.3
16	BF	.1	.0	.0	.0	.0	.0	.0	.1	.4	.4	6.3	4.5	4.6	.6	8.1	37.3	10.6	2.4	1.2	.7	.5	.4	.5	23	37.3
17	BF	.3	.2	.3	.3	.2	.3	.3	.5	1.3	40.5	26.7	35.9	26.0	15.6	1.4	1.4	.9	.6	.5	.4	.3	.1	.3	23	40.5
18	BF	1.3	1.1	1.5	1.7	.9	.7	.5	.9	1.5	6.8	15.9	39.7	47.0	52.4	.1	.3	.6	.5	.5	.5	.4	.4	.5	23	52.4
19	BF	.5	.4	.4	.5	.4	.2	.2	.6	2.1	12.9	2.0	.5	.6	.3	.1	.0	.2	.3	.3	.4	.7	.7	.6	23	12.9
20	BF	.4	.1	.0	.1	.2	.2	.3	.4	.5	.8	9.5	65.5	60.2	21.7	24.3	66.9	70.3	27.4	47.3	42.2	72.3	38.6	54.5	23	72.3
21	BF	3.7	2.1	1.7	1.5	1.2	1.1	1.2	65.7	73.9	69.3	52.9	BA	BA	33.1	AN	AN	AN	AN	AN	AN	AN	AN	AN	12	73.9
22	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AV	11.9	16.0	18.1	15.2	5.9	60.5	P86.7	P116.	44.0	30.7	44.9	20.3	12	116.5
23	BF	6.8	8.5	7.1	6.2	3.3	1.9	1.2	.6	.3	.3	.2	.4	.5	.5	.6	.3	.0	.0	.0	.0	.0	.0	.0	23	8.5
24	BF	.0	.0	.0	.0	.5	.8	2.6	7.9	24.1	27.4	16.8	11.2	6.4	1.1	.0	.1	.3	.2	.1	.0	.0	-.1	.0	23	27.4
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	.1	.0	.1	.0	.1	.1	.1	3.3	51.4	67.1	31.4	36.5	7.8	2.1	1.0	.4	.7	.4	3.7	7.4	10.8	1.0	23	67.1
27	BF	.4	.3	.3	.4	.5	.5	.4	.6	.7	3.3	1.2	.8	.9	1.3	1.2	.8	.6	.3	.2	.2	.1	.0	.0	23	3.3
28	BF	.1	.0	.0	.1	.1	.3	.3	.4	2.2	23.4	P105.	72.4	P91.1	P106.	57.1	P83.5	49.4	P82.2	49.4	P85.7	53.7	70.8	32.1	23	106.4
29	BF	20.1	3.1	25.7	3.6	3.0	3.0	1.5	6.1	5.8	.8	.6	.3	.2	.1	.1	.5	32.7	24.1	1.7	1.2	.8	1.3	1.4	23	32.7
30	BF	4.3	6.1	4.3	1.3	2.1	3.8	2.0	1.8	.7	.5	.5	.4	.5	.6	.6	.5	.7	.5	.3	.3	.3	.3	.4	23	6.1
31	BF	.4	.3	.3	.2	.2	.3	2.2	4.9	6.0	9.2	28.7	25.0	51.4	56.9	27.6	2.4	1.1	1.0	.8	.6	.5	.3	.2	23	56.9
NO.:		30	30	30	30	30	30	30	29	30	30	29	29	29	31	30	30	30	30	30	30	30	30	30		
MAX:		20.1	8.5	25.7	6.2	6.5	11.7	11.9	65.7	73.9	110.8	212.9	140.2	91.1	106.4	57.1	83.5	70.3	86.7	116.5	85.7	72.3	70.8	54.5		
AVG:		1.58	.99	2.01	.92	.95	1.28	1.18	3.38	5.90	12.68	19.87	17.71	17.09	12.65	7.33	8.53	9.75	8.53	8.56	6.55	5.78	5.76	3.89		

MONTHLY OBSERVATIONS: 687 MONTHLY MEAN: 7.05 MONTHLY MAX: 212.9

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

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: JANUARY 2017

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	-.4	-.5	-.5	-.6	-.6	-.7	-.7	-.6	-.6	-.6	-.7	-.5	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.3	23	-.3
2	BF	-.3	-.3	-.4	-.3	-.3	-.4	-.3	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.3	-.3	-.4	-.4	-.4	23	-.3
3	BF	-.3	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.5	-.5	-.5	-.4	-.5	-.4	-.4	-.4	-.4	23	-.3
4	BF	-.4	-.5	-.5	-.4	-.5	-.4	-.5	-.4	-.4	-.4	-.4	-.4	BA	-.4	-.4	-.4	-.3	-.3	-.4	-.4	-.4	-.3	-.3	22	-.3
5	BF	.0	.0	-.2	-.2	-.3	-.3	-.3	-.2	-.2	.0	.9	.2	.3	.6	.3	.4	.1	.0	-.1	-.3	-.2	-.2	-.3	23	.9
6	BF	-.3	-.3	-.3	-.3	-.3	-.1	-.1	-.2	.8	.7	.7	.0	.0	.0	.0	.5	.0	-.3	-.3	-.2	-.2	-.3	-.3	23	.8
7	BF	-.2	-.3	-.2	-.2	-.2	-.1	.0	.0	.0	.1	.3	.5	.0	-.1	-.1	.0	.0	.0	.0	-.1	-.1	-.1	-.2	23	.5
8	BF	-.2	-.2	.0	.0	.0	.0	.2	.2	.0	.0	.0	.5	.7	.3	.0	.0	.0	-.1	-.2	-.2	-.2	-.2	-.2	23	.7
9	BF	-.1	.0	-.2	-.1	-.2	-.2	-.2	.0	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	23	.5
10	BF	-.1	-.1	-.1	-.2	-.2	-.1	-.1	-.1	.0	.0	.2	.1	.0	-.1	.0	.0	.0	-.1	-.2	-.2	.0	-.1	-.1	23	.2
11	BF	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.3	-.3	-.2	-.2	-.3	-.3	23	-.1
12	BF	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	BA	.7	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	22	.7
13	-.5	AN	-.4	-.4	-.4	-.4	-.3	-.3	-.3	-.3	-.2	-.2	-.1	-.1	-.3	-.3	-.4	-.3	-.4	-.3	-.3	-.3	-.3	-.3	23	-.1
14	-.3	AN	-.3	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.3	-.3	-.2	-.1	.0	-.2	-.2	-.2	-.3	-.3	-.3	-.4	-.4	-.4	23	0.0
15	-.3	AN	-.5	-.4	-.4	-.5	-.4	-.4	-.2	.0	.1	-.1	-.1	-.3	-.2	-.4	.2	-.3	-.3	-.3	-.4	-.3	-.3	-.2	23	.2
16	-.3	AN	-.4	-.3	-.3	-.3	-.3	-.4	-.3	-.3	-.4	-.3	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.3	-.4	-.5	23	-.3
17	-.3	AN	-.4	-.4	-.5	-.5	-.4	-.5	-.5	-.5	-.5	-.5	.3	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.4	-.5	-.3	-.3	23	.3
18	-.3	AN	-.2	-.3	-.4	-.4	-.4	-.4	-.3	-.3	-.2	-.4	-.5	-.5	-.5	-.5	-.5	-.6	-.5	-.5	-.4	-.4	-.4	-.4	23	-.2
19	-.4	AN	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.2	-.1	-.1	-.2	-.2	-.3	-.3	-.4	-.4	-.4	-.4	-.5	-.3	-.2	-.3	23	-.1
20	-.1	BF	.0	.0	.0	-.1	-.2	-.2	-.3	-.4	-.4	-.3	-.2	-.3	-.5	-.5	-.5	-.5	-.5	-.6	-.6	-.6	-.6	-.6	23	0.0
21	-.6	BF	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	23	-.5
22	-.7	BF	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.6	-.7	-.6	-.7	-.6	-.6	-.7	23	-.6
23	-.6	BF	-.6	-.6	-.7	-.7	-.7	-.7	-.6	-.7	-.6	-.6	-.5	-.6	-.6	-.6	-.6	-.6	-.7	-.6	-.6	-.6	-.6	-.6	23	-.5
24	-.6	BF	-.6	-.6	-.6	-.6	-.6	-.6	-.4	-.1	-.4	-.5	-.5	-.5	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	23	-.1
25	-.5	BF	-.5	-.5	-.5	-.4	-.5	-.5	-.5	-.5	-.4	-.3	-.3	-.3	-.2	-.3	-.4	-.4	-.4	-.4	-.3	-.2	-.3	-.3	23	-.2
26	-.3	BF	-.3	-.3	-.4	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	AV	AV	AV	AV	AV	AV	AV	16	-.3
27	-.4	BF	-.4	-.4	-.5	-.4	-.5	-.5	-.2	-.3	-.3	-.3	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.5	23	-.2
28	-.4	BF	-.3	-.4	-.4	-.5	-.4	-.3	-.3	-.3	-.5	-.4	-.4	-.4	-.3	-.4	-.4	-.3	-.4	-.3	-.2	-.3	-.3	-.4	23	-.2
29	-.3	BF	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.1	-.2	-.1	-.2	-.3	-.3	-.3	-.4	-.4	-.3	-.3	-.4	-.4	-.4	-.3	23	-.1
30	-.4	BF	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.1	-.2	-.4	-.4	-.4	-.4	-.3	-.4	23	-.1
31	-.3	BF	-.3	-.3	-.2	-.2	-.2	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	-.1	23	.1
NO.:	19	12	31	31	31	31	31	31	31	31	31	30	31	30	31	31	31	30	30	30	30	30	30	30		
MAX:	-.1	0.0	0.0	0.0	0.0	0.0	0.0	.2	.2	.8	.7	.9	.7	.7	.6	.3	.5	.1	0.0	0.0	0.0	.1	.1	-.1		
AVG:	-.40	-.25	-.35	-.35	-.36	-.37	-.36	-.35	-.32	-.25	-.25	-.21	-.19	-.27	-.27	-.31	-.27	-.31	-.34	-.35	-.35	-.34	-.33	-.36		

MONTHLY OBSERVATIONS: 704 MONTHLY MEAN: -.31 MONTHLY MAX: .9

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

(42401) Sulfur dioxide

SITE ID: 37-105-0002 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 2017

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	-.2	-.3	-.2	.0	.1	.2	.1	BA	.0	.0	-.1	-.1	-.1	-.2	-.3	-.3	-.1	-.2	22	.2
2	-.4	BF	-.4	-.5	-.5	-.5	-.5	-.5	-.4	.2	.3	.4	.4	.6	.6	.5	.0	-.2	-.2	-.2	-.2	-.3	-.3	-.1	23	.6
3	-.1	BF	.3	-.2	-.2	-.4	-.4	-.5	-.5	-.2	-.3	-.2	-.1	-.2	-.3	-.3	-.3	-.4	-.4	-.4	-.5	-.4	-.3	-.3	23	.3
4	-.3	BF	-.1	-.1	-.1	-.2	-.3	-.2	.0	.1	.2	.4	.2	.0	.0	.0	-.1	-.3	-.3	-.3	-.2	-.2	-.1	-.1	23	.4
5	-.2	BF	-.2	-.2	-.3	-.3	-.4	-.4	-.3	-.2	-.1	.0	-.1	-.1	-.1	-.2	-.2	-.2	-.3	-.3	-.4	-.4	-.5	-.5	23	0.0
6	-.4	BF	-.5	-.5	-.5	-.5	-.6	-.6	-.6	-.6	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.2	-.1	-.1	-.1	.0	-.2	-.1	23	0.0
7	-.1	BF	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	-.2	-.2	-.2	-.3	-.4	-.4	-.5	-.5	-.4	-.3	-.3	-.4	23	0.0
8	-.7	BF	-.7	-.7	-.7	-.7	-.7	-.7	-.8	-.7	-.5	-.6	-.6	-.6	-.7	-.7	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.8	23	-.5
9	-.8	BF	-.7	-.7	-.8	-.8	-.8	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.6	-.7	-.6	-.6	-.6	-.5	23	-.5
10	-.6	BF	-.6	-.5	-.6	-.6	-.5	-.6	-.5	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.5	-.4	-.4	-.1	-.3	-.2	23	-.1
11	-.1	BF	-.3	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.3	-.4	-.4	-.4	-.5	-.4	-.4	-.5	-.5	-.5	-.6	-.6	23	-.1
12	-.5	BF	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.5	-.6	-.5	-.5	-.7	-.6	-.6	-.7	-.7	-.7	-.7	-.8	-.8	23	-.3
13	-.8	BF	-.5	-.6	-.7	-.6	-.7	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	23	-.5
14	-.5	BF	-.2	-.3	-.4	-.6	-.6	-.5	-.4	-.2	-.3	-.2	.0	.1	.1	.0	.1	.1	.0	.0	-.1	.0	.1	.0	23	.1
15	-.1	BF	-.2	-.2	-.3	-.3	-.4	-.4	-.5	-.7	-.7	-.7	-.6	-.6	-.6	-.7	-.7	-.7	-.6	-.6	-.6	-.6	-.6	-.7	23	-.1
16	-.5	BF	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.5	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.6	23	-.4
17	-.6	BF	-.6	-.7	-.5	-.6	-.5	-.6	-.5	-.4	-.4	-.4	-.5	-.4	-.4	-.5	-.4	-.5	-.4	-.3	-.4	-.4	-.5	-.4	23	-.3
18	-.4	BF	-.4	-.4	-.3	-.3	-.5	-.6	-.4	-.1	-.3	-.4	-.3	-.3	-.2	-.4	-.2	-.1	-.1	.0	-.3	-.5	-.6	-.6	23	0.0
19	-.5	BF	-.6	-.6	-.6	-.6	-.6	-.6	-.5	-.5	-.5	-.5	-.6	-.6	-.6	-.7	-.7	-.7	-.7	-.6	-.6	-.6	-.6	-.6	23	-.5
20	-.6	BF	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.4	-.1	-.1	-.3	-.3	-.5	-.4	-.5	-.5	-.5	-.6	-.4	-.5	-.5	-.5	23	-.1
21	-.4	BF	-.3	-.4	-.5	-.4	-.4	-.4	-.2	-.1	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.4	-.5	-.5	-.5	-.5	-.6	23	-.1
22	-.6	BF	-.6	-.6	-.7	-.7	-.7	-.8	-.7	-.6	-.6	-.7	-.7	-.6	-.6	-.6	-.6	.0	1.0	-.3	-.6	-.7	-.7	-.7	23	1.0
23	-.8	BF	-.7	-.8	-.7	-.8	-.8	-.8	-.8	-.8	-.7	-.8	-.8	-.7	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	13	-.7
24	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
25	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
26	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
27	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BF	BF	BF	BF	-.4	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.6	9	-.4
28	-.6	BF	-.5	-.6	-.6	-.7	-.7	-.7	-.6	-.4	-.5	-.5	-.6	-.6	-.6	-.7	-.7	-.7	-.7	-.7	-.6	-.7	-.7	-.6	23	-.4
29																									0	
30																									0	
31																									0	
NO.:	24		24	24	24	24	24	24	24	24	24	24	24	23	23	24	24	24	24	24	24	24	24	24		
MAX:	0.0		.3	0.0	0.0	0.0	-.1	0.0	0.0	.2	.3	.4	.4	.6	.6	.5	.1	.1	1.0	0.0	-.1	0.0	.1	0.0		
AVG:	-.44		-.39	-.44	-.45	-.48	-.51	-.52	-.46	-.36	-.33	-.32	-.35	-.36	-.33	-.38	-.41	-.39	-.37	-.43	-.45	-.44	-.46	-.46		

MONTHLY OBSERVATIONS: 550 MONTHLY MEAN: -.41 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: 37-105-0002 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
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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 2017

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	BF	-.5	-.5	-.7	-.7	-.8	-.8	-.8	-.7	-.7	-.8	-.8	BA	-.8	-.8	-.8	-.9	-.9	-.8	-.9	-.9	-.9	-1.0	22	-.5
2	-.9	BF	-.9	-.9	-.9	-.9	-.9	-.8	-.8	-.8	-.8	-.8	-.8	-.8	-.8	-.7	-.8	-.8	-.8	-.8	-.8	-.7	-.7	-.7	23	-.7
3	-.6	BF	-.7	-.7	-.7	-.7	-.7	-.6	-.6	-.3	BC	BC	BC	BC	BC	.6	.6	.7	.5	.5	.6	.6	.5	.6	18	.7
4	.5	BF	.6	.6	.8	.6	.5	.6	1.2	1.1	.8	.8	.7	.7	.8	.7	.7	.6	.7	.7	.6	.6	.6	.6	23	1.2
5	.5	BF	.5	.5	.5	.5	.7	.7	.9	1.0	.9	.9	.9	.8	.8	.9	.8	.8	.7	.6	.7	.6	.6	.7	23	1.0
6	.6	BF	.5	.5	.5	.5	.5	.5	.5	.6	.8	.8	.8	.7	.7	.6	.6	.6	.6	.6	.7	.9	.7	.7	23	.9
7	.7	BF	.7	.6	.7	.7	.7	.9	1.1	.8	.6	.6	.5	.5	.5	.5	.6	.7	.6	.6	.5	.5	.5	.4	23	1.1
8	.4	BF	.5	.4	.4	.4	.4	.3	.4	.4	.4	.3	.4	.3	.3	.4	.4	.5	.5	.5	.5	.5	.5	.5	23	.5
9	.7	BF	.7	.6	.6	.5	.5	.5	.5	.5	.6	.4	.5	.4	.5	.4	.5	.5	.6	.5	.5	.7	.8	.9	23	.9
10	.9	BF	1.0	.9	.9	1.0	1.0	.6	.4	.5	.5	.5	.4	.4	.4	.4	.4	.4	.5	.3	.4	.4	.4	.5	23	1.0
11	.4	BF	.5	.5	.5	.5	.5	.4	.6	.6	.5	.6	.6	.8	.5	.5	.5	.6	.6	.6	.6	.6	.5	.6	23	.8
12	.7	BF	1.1	.8	.8	.5	.5	.4	.4	.5	.6	.6	.5	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	23	1.1
13	.4	BF	.4	.4	.4	.4	.4	.4	.4	.4	.7	.6	.4	.5	.5	.5	.4	.4	.4	.3	.4	.3	.3	.3	23	.7
14	.4	BF	.3	.4	.3	.3	.3	.3	.3	.4	.5	.4	.3	.3	.3	.3	.3	.3	.3	.4	.3	.3	.3	.3	23	.5
15	.3	BF	.4	.4	.4	.4	.4	.4	.4	.6	.6	.7	.8	.8	.8	.7	.7	.6	.7	.6	.6	.6	.8	.9	23	.9
16	1.2	BF	.7	.6	.6	.6	.7	.6	.9	1.2	1.3	1.2	1.2	1.0	1.0	1.2	1.0	1.1	1.0	1.0	.8	.8	.8	.7	23	1.3
17	.7	AN	.6	.7	.8	.7	.6	.7	1.1	1.4	1.2	1.1	1.0	.9	1.0	1.1	1.2	.9	1.0	1.0	1.0	1.0	1.0	1.0	23	1.4
18	.9	BF	.8	.8	.7	.6	.5	.6	.6	.6	.6	.6	.7	.6	.7	.7	.6	.6	.6	.4	.4	.4	.4	.4	23	.9
19	.4	BF	.5	.6	.5	.6	.5	.6	.5	.5	.6	.6	.5	.5	.5	.4	.4	.5	.4	.4	.5	.5	.5	.4	23	.6
20	.4	BF	.4	.4	.5	.4	.4	.4	.8	.7	.7	.6	.6	.5	.6	.5	.6	.7	.7	.6	.5	.5	.8	.7	23	.8
21	.7	BF	.8	.8	.8	.8	.9	.8	.8	.8	.8	.6	.5	.5	.4	.4	.4	.4	.4	.4	.4	.5	.4	.3	23	.9
22	.3	BF	.3	.3	.3	.3	.3	.4	.5	.7	.5	.4	.3	.4	.5	.4	.4	.4	.4	.4	.4	.4	.4	.5	23	.7
23	.6	BF	.5	.6	.6	.5	.6	.7	.7	.8	.7	.7	.7	.7	.7	.7	.6	.6	.6	.6	.6	.5	.7	.9	23	.9
24	1.2	BF	.7	.5	.5	.5	.5	.6	.6	.6	1.1	.5	.4	.4	.5	.4	.4	.4	.4	.4	.4	.6	.5	.6	23	1.2
25	.5	BF	.5	.4	.4	.4	.3	.4	.6	.8	.7	.5	.4	.3	.3	.3	.3	.3	.3	.4	.3	.4	.3	.3	23	.8
26	.4	BF	.3	.3	.3	.2	.2	.2	.3	.4	.3	.3	.4	.4	.3	.3	.3	.3	.2	.3	.3	.3	.2	.2	23	.4
27	.2	BF	.2	.3	.3	.2	.2	.3	.3	.4	.4	.3	.3	.3	.2	.3	.3	.4	.4	.3	.4	.3	.3	.2	23	.4
28	.4	BF	.4	.3	.3	.2	.2	.2	.2	.2	.3	.3	.2	.2	.2	.2	.3	.2	.2	.2	.1	.2	.2	.3	23	.4
29	.6	BF	.6	.4	.3	.3	.3	.4	.5	.4	.3	.3	BA	.3	.2	.2	.2	.2	.2	.3	.2	.2	.2	.2	22	.6
30	.2	BF	.3	.3	.3	.2	.3	.3	.3	.3	.4	.3	.3	.3	.6	.6	.5	.4	.4	.3	.2	.3	.3	.3	23	.6
31	.3	BF	.2	.2	.2	.1	.2	.2	.1	.2	.1	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	23	.3
NO.:	31		31	31	31	31	31	31	31	31	30	30	29	29	30	31	31	31	31	31	31	31	31	31		
MAX:	1.2		1.1	.9	.9	1.0	1.0	.9	1.2	1.4	1.3	1.2	1.2	1.0	1.0	1.2	1.2	1.1	1.0	1.0	1.0	1.0	1.0	1.0		
AVG:	.43		.42	.39	.38	.34	.35	.36	.44	.50	.53	.47	.44	.46	.43	.43	.42	.42	.41	.39	.38	.40	.40	.42		

MONTHLY OBSERVATIONS: 706 MONTHLY MEAN: .42 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: APRIL 2017

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	BF	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.3	.3	.3	.2	.3	.2	.3	.3	.3	.3	.3	.3	23	.4
2	.2	BF	.3	.3	.3	.3	.4	.5	.6	.4	.4	.4	.4	.4	.5	.4	.3	.3	.3	.3	.4	.3	.4	.4	23	.6
3	.4	BF	.3	.3	.3	.2	.3	.3	.3	.3	.4	.3	.3	.2	.3	.2	.2	.3	.2	.1	.2	.2	.2	.2	23	.4
4	.2	BF	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.2	.2	.2	.3	.2	.3	.2	.2	.2	.3	.3	.3	23	.3
5	.3	BF	.2	.3	.2	.2	.3	.3	.3	.5	.6	.5	.5	.4	.2	.3	.1	.1	.1	.2	.1	.2	.1	.1	23	.6
6	.2	BF	.2	.2	.1	.2	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.3	.4	.2	.2	.4	.3	23	.4
7	.3	BF	.3	.3	.2	.3	.4	.4	.5	.4	.4	.2	.3	.2	.3	.3	.2	.3	.3	.4	.3	.3	.3	.3	23	.5
8	.3	BF	.4	.3	.4	.4	.4	.5	.6	.7	.6	.4	.5	.5	.6	.7	.5	.4	.5	.4	.4	.4	.4	.4	23	.7
9	.4	BF	.4	.3	.4	.3	.3	.3	.6	.8	.8	.7	.7	.6	.6	.6	.6	.6	.6	.5	.5	.7	.7	.7	23	.8
10	.7	BF	.5	.4	.4	.4	.3	.4	.6	.6	.6	.6	.5	.5	.7	.4	.4	.4	.4	.3	.4	.5	.4	.4	23	.7
11	.4	BF	.3	.4	.3	.3	.3	.5	.4	.3	.3	.3	.3	.3	.3	.3	.2	.3	.4	.4	.7	.4	.3	.4	23	.7
12	.4	BF	.4	.4	.4	.3	.3	.5	.4	.4	.3	.3	.2	.2	.3	.3	.2	.2	.2	.2	.2	.1	.1	.1	23	.5
13	.1	BF	.1	.1	.1	.1	.1	.1	.2	.3	.3	.4	.3	.3	.3	.3	.2	.2	.2	.1	.2	.3	.2	.2	23	.4
14	.2	BF	.2	.1	.1	.0	.1	.2	.2	.3	.3	.3	.3	.3	.4	.4	.3	.4	.3	.2	.2	.3	.2	.2	23	.4
15	.2	BF	.2	.1	.1	.1	.1	.3	.6	.4	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.2	.2	.2	.3	23	.6
16	.3	BF	.2	.2	.1	.1	.2	.6	.9	.8	.7	.7	.8	.7	.7	.6	.7	.6	.8	.7	.8	.8	.8	.8	23	.9
17	.8	BF	.8	.8	.8	.8	.9	1.0	1.0	.9	.9	.8	.9	.9	.8	.8	.8	.7	.8	.8	.7	.7	.7	.7	23	1.0
18	.6	BF	.7	.3	.0	.0	.1	.0	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	23	.7
19	.1	BF	.6	.2	.3	.0	.2	.4	.5	.2	.2	.2	.2	.3	.3	.3	.2	.2	.2	.1	.1	.1	.1	.1	23	.6
20	.1	BF	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.2	.1	.2	.1	.2	.1	23	.2
21	.1	BF	.1	.1	.1	.1	.1	.2	.2	.3	.3	.3	.2	.2	.2	.2	.2	.2	.1	.1	.0	.1	.1	.1	23	.3
22	.1	BF	.1	.1	.0	.1	.1	.3	.3	.3	.3	.4	.2	.2	AV	.3	.1	.2	.1	.2	.2	.1	.1	.1	22	.4
23	.0	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0	23	.1
24	.3	BF	.1	.0	.1	.1	.0	.0	.0	.1	.1	.2	.2	.3	.2	.1	.1	.1	.2	.1	.2	.2	.1	.1	23	.3
25	.1	BF	.2	.2	.0	.2	.1	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
26	.1	BF	.1	.2	.1	.1	.1	.1	.0	.2	.1	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	23	.2
27	.1	BF	.2	.2	.1	.0	.1	.3	.3	.2	.2	.3	.2	.3	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	23	.3
28	.1	BF	.2	.1	.0	.1	.0	.2	.3	.3	.2	.2	.2	.3	.3	.1	.0	.1	.1	.2	.2	.2	.2	.2	23	.3
29	.1	BF	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.2	.1	.1	.1	.1	.2	.2	.1	23	.2
30	.1	BF	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.1	.1	.1	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:	.8		.8	.8	.8	.8	.9	1.0	1.0	.9	.9	.8	.9	.9	.8	.8	.8	.7	.8	.8	.8	.8	.8	.8		
AVG:	.25		.27	.22	.19	.18	.20	.28	.33	.33	.31	.30	.29	.29	.30	.26	.23	.23	.24	.23	.25	.26	.25	.24		

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .26 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: 37-105-0002 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 2017

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.1	BF	.1	.1	.1	.1	.0	.0	.1	.0	.1	.0	.1	.2	.2	.1	.1	.2	.2	.1	.0	.0	.0	.0	23	.2
2	.0	BF	.0	.0	.0	.0	.0	.0	.1	.1	.0	.2	.1	.1	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	23	.2
3	.0	BF	.0	.0	.0	.1	.2	.3	.2	.2	.2	.2	.2	.2	.2	.3	.2	.2	.2	.1	.1	.1	.1	.2	23	.3
4	.2	BF	.2	.2	.1	.1	.2	.3	.3	.3	.2	.2	.2	.1	.1	.0	.0	.1	.0	.1	.0	.1	.0	.0	23	.3
5	.0	BF	.0	.0	.0	.0	-.2	.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	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.1	.1	.0	.1	23	.2
7	.1	BF	.1	.1	.1	.1	.2	.6	.5	.3	.2	.1	.1	.2	.2	.2	.2	.3	.2	.1	.2	.2	.2	.2	23	.6
8	.1	BF	.2	.2	.2	.2	.2	1.1	.9	.3	.4	.3	.3	.2	.2	.3	.2	.2	.2	.2	.1	.1	.1	.2	23	1.1
9	.1	BF	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.0	.1	.1	.0	23	.2
10	.0	BF	.1	.1	.1	.0	.1	.1	.1	.2	.2	.3	.5	.5	.6	.4	.3	.4	.3	.2	.1	.2	.1	.1	23	.6
11	.1	BF	.2	.1	.1	.0	.1	.2	.4	.3	.2	.1	.3	.4	.3	.3	.2	.3	.3	.2	.2	.1	.1	.0	23	.4
12	.0	BF	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	23	.1
13	.0	BF	.0	.1	.1	.0	.1	.1	.1	.1	.0	.1	.1	.0	.1	.1	.0	.2	.2	.1	.1	.0	.0	.0	23	.2
14	.1	BF	.0	.1	.1	.1	.1	.1	.1	.2	.2	.1	.2	.2	.4	.3	.1	.4	.2	.2	.1	.2	.2	.2	23	.4
15	.2	BF	.3	.2	.3	.5	.8	.7	.4	.4	.5	.6	.4	.4	.3	.3	.1	.2	.2	.3	.4	.2	.1	.1	23	.8
16	.2	BF	.1	.1	.1	.0	.1	.2	.3	.2	.3	.3	.2	.3	.3	.3	.3	.3	.3	.2	.1	.1	.1	.1	23	.3
17	.2	BF	.3	.4	.3	.3	.3	.4	.4	.2	.2	.2	.3	.6	.2	.2	.2	.1	.2	.1	.2	.2	.3	.3	23	.6
18	.3	BF	.3	.3	.3	.2	.3	.4	.2	.0	.1	.0	.0	-.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	23	.4
19	.0	BF	.1	.2	.2	.2	.2	.1	.2	.1	.1	.2	.2	.1	.1	.2	.1	.2	.1	.1	.0	.1	.0	.0	23	.2
20	.0	BF	.1	.1	.1	.0	.1	.2	.2	.1	.1	.2	.1	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	23	.2
21	.1	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
22	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
23	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
24	.0	BF	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	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	.1	.0	.0	.0	.1	.1	.0	.0	.1	.2	.2	.1	.2	.3	.0	.1	.0	.1	.0	.0	.1	.0	23	.3
27	.0	BF	.0	.0	-.2	-.1	.0	.1	.1	.1	.1	.2	.1	.2	.1	.1	.0	.1	.0	.1	.1	.1	.0	.1	23	.2
28	.1	BF	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.0	.1	.0	.0	.1	.0	.0	.0	.1	23	.1
29	.0	BF	.0	.0	.0	.0	.0	.1	.4	.3	.1	.1	.0	.1	.0	.1	.0	.1	.1	.1	.0	.0	.0	.0	23	.4
30	.0	BF	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	23	.1
31	.0	AN	.1	.0	.0	.0	.0	.0	BA	BA	.0	.0	.1	.0	.0	.1	.1	.1	.0	.1	.0	.0	.0	.0	21	.1
NO.:	31		31	31	31	31	31	31	30	30	31	31	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:	.3		.3	.4	.3	.5	.8	1.1	.9	.4	.5	.6	.5	.6	.6	.4	.3	.4	.3	.3	.4	.2	.3	.3		
AVG:	.06		.08	.07	.07	.06	.10	.16	.17	.12	.12	.12	.14	.13	.13	.13	.09	.12	.10	.09	.06	.06	.05	.06		

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: .10 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: 37-105-0002 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 2017

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

MONTHLY OBSERVATIONS: 665 MONTHLY MEAN: .10 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: 37-105-0002 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 2017

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

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: -.11 MONTHLY MAX: .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: AUGUST 2017

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	-.4	BF	-.4	-.4	-.4	-.4	-.4	-.3	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.3	-.2	-.3	-.3	-.3	-.4	-.4	23	-.2
2	-.4	BF	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.1	-.2	-.2	-.2	-.2	-.3	-.2	-.3	-.2	-.3	-.2	-.2	-.3	-.3	-.3	23	-.1
3	-.3	BF	-.3	-.4	-.4	-.4	-.5	-.4	-.3	-.2	-.1	-.2	-.1	.0	-.1	-.1	-.1	-.3	-.3	-.3	-.3	-.3	-.4	-.4	23	0.0
4	-.5	BF	-.4	-.4	-.5	-.5	-.5	-.5	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.4	23	-.3
5	-.5	BF	-.4	-.5	-.5	-.4	-.5	-.4	-.3	.0	.0	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.3	-.2	23	0.0
6	-.2	BF	-.3	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	23	-.2
7	-.5	BF	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	23	-.4
8	-.4	BF	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5 2	-.5 2	-.4 2	-.5 2	-.4 2	-.4 2	-.4 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.6 2	23	-.4
9	-.5 2	BF	-.5 2	-.5 2	-.5 2	-.6 2	-.5 2	-.5 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	-.5 2	-.5 2	-.5 2	-.5 2	-.4 2	-.5 2	-.5 2	23	-.4
10	-.5 2	BF	-.4 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.4 2	-.5 2	-.4 2	-.5 2	-.5 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	-.5 2	-.5 2	-.5 2	23	-.4
11	-.5 2	BF	-.5 2	-.4 2	-.5 2	-.4 2	-.5 2	-.5 2	-.5 2	-.4 2	-.5 2	-.5 2	-.4 2	-.4 2	-.4 2	-.4 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.4 2	23	-.4
12	-.5 2	BF	-.5 2	-.4 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.4 2	-.5 2	-.5 2	-.5 2	-.4 2	-.4 2	-.5 2	-.5 2	-.5 2	-.5 2	23	-.4
13	-.6 2	BF	-.4 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.4 2	-.5 2	-.5 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	-.5 2	-.5 2	-.5 2	-.6 2	-.5 2	23	-.4
14	-.5 2	BF	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.4 2	-.4 2	-.5 2	-.4 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	23	-.4
15	-.5 2	BF	-.4 2	-.5 2	-.5 2	-.6 2	-.5 2	-.6 2	-.5 2	-.6 2	-.5 2	-.5 2	-.5 2	-.4 2	-.5 2	-.4 2	-.5 2	-.4 2	-.4 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	23	-.4
16	-.5 2	BF	-.5 2	-.5 2	-.4 2	-.5 2	-.4 2	-.5 2	-.4 2	-.4 2	-.5 2	-.5 2	-.4 2	-.4 2	-.5 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	-.3 2	-.4 2	-.4 2	23	-.3
17	-.4 2	BF	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	-.3 2	-.3 2	-.3 2	-.3 2	-.2 2	-.4 2	-.4 2	-.4 2	-.3 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	23	-.2
18	-.4 2	BF	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	-.3 2	-.4 2	-.4 2	-.4 2	-.4 2	-.3 2	-.3 2	-.3 2	-.3 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	23	-.3
19	-.4 2	BF	-.4 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	-.3 2	-.3 2	-.4 2	-.4 2	-.5 2	-.5 2	23	-.3
20	-.5 2	BF	-.5 2	-.4 2	-.5 2	-.5 2	-.4 2	-.4 2	-.4 2	-.4 2	-.3 2	-.3 2	-.3 2	-.4 2	-.3 2	-.3 2	-.4 2	-.3 2	-.3 2	-.3 2	-.4 2	-.3 2	-.3 2	-.4 2	23	-.3
21	-.4 2	BF	-.4 2	-.4 2	-.5 2	-.4 2	-.4 2	-.4 2	-.5 2	-.5 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	-.3 2	-.4 2	-.3 2	-.3 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	23	-.3
22	-.4 2	BF	-.4 2	-.5 2	-.4 2	-.4 2	-.4 2	-.5 2	-.4 2	-.5 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	-.4 2	23	-.3
23	-.5 2	BF	-.4 2	-.4 2	-.5 2	-.4 2	-.5 2	-.4 2	-.4 2	-.4 2	-.2 2	-.2 2	-.1 2	-.3 2	-.3 2	-.3 2	-.4 2	-.5 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	23	-.1
24	-.5 2	BF	-.3 2	-.4 2	-.5 2	-.4 2	-.4 2	-.5 2	-.4 2	AV	-.5 2	-.4 2	-.4 2	-.4 2	-.3 2	-.4 2	-.2 2	-.2 2	-.4 2	-.3 2	-.4 2	-.4 2	-.5 2	-.5 2	22	-.2
25	-.5 2	BF	-.4 2	-.4 2	-.5 2	-.4 2	-.4 2	-.5 2	-.5 2	AE	AE	-.3 2	-.3 2	-.3 2	-.3 2	-.3 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	-.5 2	-.5 2	-.4 2	21	-.3
26	-.4 2	BF	-.4 2	-.5 2	-.5 2	-.5 2	-.4 2	-.5 2	-.5 2	-.4 2	-.4 2	-.4 2	-.5 2	-.4 2	-.3 2	-.4 2	-.4 2	-.4 2	-.3 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	23	-.3
27	-.5 2	BF	-.4 2	-.5 2	-.6 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	-.5 2	-.4 2	-.4 2	-.5 2	-.5 2	23	-.4
28	-.4 2	BF	-.4 2	-.5 2	-.4 2	-.4 2	-.5 2	-.4 2	-.3 2	-.4 2	-.5 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	-.3 2	-.3 2	-.4 2	-.4 2	-.4 2	-.5 2	-.5 2	-.5 2	23	-.3
29	-.5 2	BF	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.6 2	-.5 2	-.5 2	-.4 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.5 2	-.4 2	-.5 2	-.5 2	-.5 2	23	-.4
30	-.5 2	BF	-.5 2	-.5 2	-.5 2	-.5 2	-.4 2	-.5 2	-.5 2	-.4 2	-.4 2	-.4 2	BA	BA	-.3 2	-.3 2	-.3 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	-.4 2	21	-.3
31	-.3 2	BF	-.3 2	-.3 2	-.3 2	-.4 2	-.4 2	-.5 2	-.5 2	BA	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	8	-.3
NO.:	31		31	31	31	31	31	31	31	28	29	30	29	29	30	30	30	30	30	30	30	30	30	30		
MAX:	-.2		-.3	-.2	-.2	-.2	-.2	-.3	-.2	0.0	0.0	-.2	-.1	0.0	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.3	-.3	-.2		
AVG:	-.45		-.41	-.44	-.46	-.45	-.45	-.46	-.42	-.40	-.38	-.38	-.38	-.38	-.36	-.36	-.38	-.39	-.39	-.40	-.41	-.41	-.44	-.44		

MONTHLY OBSERVATIONS: 693 MONTHLY MEAN: -.41 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: 37-105-0002 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 2017

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	BJ	BJ	BJ	BJ	BJ	BJ	BC	BC	BC	BC	.6	.3	.3	.3	AV	AV	.5	.2	.2	.2	.2	.2	.2	11	.6
2	.2	BF	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.2	.2	.3	.2	.3	.2	.2	.2	23	.3
3	.2	BF	.3	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.3	.5	.5	.6	.4	.3	.3	.2	.2	.2	23	.6
4	.2	BF	.3	.2	.2	.2	.2	.2	.4	.6	.4	.3	.4	.5	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	23	.6
5	.3	BF	.4	.3	.2	.2	.2	.2	.4	.3	.3	.3	.2	.2	.2	.3	.3	.3	.3	.2	.2	.2	.2	.2	23	.4
6	.2	BF	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.2	.2	.2	.2	.1	.1	.2	.1	.2	.2	23	.3
7	.2	BF	.3	.2	.2	.2	.2	.2	.2	.2	.2	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	10	.3
8	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	BA	BA	BA	.3	.2	.2	.2	.2	.2	.3	.2	.3	.2	10	.3
9	.2	BF	.3	.3	.2	.2	.2	.3	.4	.5	.5	.4	.4	.4	.4	.3	.3	.3	.4	.4	.3	.3	.3	.3	23	.5
10	.3	BF	.4	.3	.3	.3	.3	.3	.4	.5	.3	.4	.4	.4	.3	.2	.2	.1	.1	.2	.4	.4	.4	.4	23	.5
11	.4	BF	.5	.4	.4	.4	.3	.3	.4	.3	.3	.3	.3	.3	.3	.3	.2	.3	.3	.2	.2	.2	.2	.3	23	.5
12	.2	BF	.3	.2	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.3
13	.2	BF	.3	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.2	.3	.3	.3	.2	.2	.2	.2	.2	.2	23	.3
14	.2	BF	.2	.1	.1	.2	.1	.1	.1	.3	.3	.3	.3	.4	.3	.3	.3	.3	.2	.3	.2	.2	.2	.2	23	.4
15	.2	BF	.2	.1	.2	.2	.1	.2	.3	.3	.5	.5	.4	2.6	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	23	2.6
16	.2	BF	.3	.2	.2	.2	.2	.2	.2	.4	.4	.6	.5	.3	.3	.3	.3	.3	.3	.2	.3	.2	.2	.2	23	.6
17	.2	BF	.3	.2	.2	.2	.2	.2	.1	.3	.3	.2	.3	.3	.3	.2	.3	.3	.3	.2	.3	.2	.2	.1	23	.3
18	.2	BF	.2	.2	.3	.2	.2	.3	BA	.2	.2	.2	BA	BA	.2	.3	.3	.5	.3	.2	.2	.2	.2	.2	20	.5
19	.1	BF	.2	.2	.2	.1	.1	.2	.1	.2	.3	.3	.3	.2	.4	.2	.3	.2	.2	.2	.2	.1	.2	.1	23	.4
20	.2	BF	.2	.2	.2	.1	.2	.1	.1	.2	BA	.3	.2	.2	.3	.3	.3	.3	.3	.3	.3	.2	.1	.1	22	.3
21	.1	BF	.3	.1	.2	.1	.1	.2	.6	1.4	1.0	.9	.6	.4	.4	.4	.4	.4	.4	.2	.3	.2	.2	.2	23	1.4
22	.2	BF	.3	.2	.2	.1	.1	.1	.2	.2	.3	.3	.3	.3	.4	.5	.4	.4	.6	.5	.5	.4	.4	.4	23	.6
23	.4	BF	.4	AE	AE	AE	.3	.4	.3	.2	.5	.3	.4	.4	.5	.3	.4	.3	.3	.2	.2	.2	.2	.2	20	.5
24	.2	BF	.4	.3	.2	.2	.1	.1	.3	.5	.5	.3	.4	.4	.4	.3	.5	.6	.6	.6	.5	.4	.3	.2	23	.6
25	.2	BF	.3	.2	.2	.3	.4	.4	.5	.5	.5	.5	.4	.3	.2	.2	.3	.3	.2	.2	.2	.6	.3	.2	23	.6
26	.3	BF	.2	.2	.2	.2	.2	.3	.2	.3	.2	.2	.2	.2	.2	.2	.2	.3	.2	.2	.2	.2	.2	.2	23	.3
27	.2	BF	.4	.5	.5	.3	.1	.1	.5	.7	.5	.4	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	23	.7
28	.5	BF	.3	.2	.2	.2	.2	.2	.4	.5	.7	.7	.8	.9	.9	.6	.6	.5	.5	.4	.4	.4	.3	.4	23	.9
29	.5	BF	.5	.6	.6	.6	.6	.7	.7	.9	.7	.4	.4	.4	.4	.6	.5	.5	.3	.3	.3	.4	.2	.1	23	.9
30	.2	BF	.3	.2	.2	.4	.2	.2	.3	.7	.5	.4	.4	.4	.3	.3	.5	.6	.6	.4	.4	.5	.4	.4	23	.7
31																									0	
NO.:	28		28	27	27	27	28	28	27	28	27	28	27	27	29	28	28	29	29	29	29	29	29	29		
MAX:	.5		.5	.6	.6	.6	.6	.7	.7	1.4	1.0	.9	.8	2.6	.9	.6	.6	.6	.6	.6	.5	.6	.4	.4		
AVG:	.24		.31	.24	.24	.23	.21	.23	.30	.40	.39	.36	.34	.41	.32	.31	.33	.34	.31	.26	.28	.26	.24	.23		

MONTHLY OBSERVATIONS: 645 MONTHLY MEAN: .29 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: 37-105-0002 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 2017

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	.4	.4	.3	.3	.4	.6	.7	.7	.7	.6	.4	.3	.4	.4	.6	.6	.6	.6	.6	.5	.5	.4	23	.7
2	.3	BF	.5	.3	.3	.3	.4	.3	.3	.5	.5	.6	.5	.5	.5	AE	AE	AE	AE	.5	.5	.3	.3	.3	19	.6
3	.3	BF	.4	.4	.2	.2	.2	.2	.3	.4	.4	.4	.3	.6	.4	.3	.4	.3	.3	.5	.5	.3	.3	.3	23	.6
4	.3	BF	.4	.3	.3	.2	.4	.3	.3	.3	.3	.3	.3	.5	.3	.2	.3	.3	.2	.2	.2	.2	.2	.1	23	.5
5	.2	BF	.2	.2	.2	.2	.2	.2	.3	.5	.5	.4	.3	.2	.2	.3	.3	.2	.3	.2	.2	.2	.3	.4	23	.5
6	.2	BF	.2	.2	.4	.4	.2	.2	.2	.2	.4	.2	.3	.2	.2	.2	.2	.3	.2	.2	.2	.2	.2	.1	23	.4
7	.2	BF	.2	.1	.1	.1	.1	.1	.2	.1	.2	.2	.2	.2	.2	.1	.2	.1	.2	.2	.1	.1	.1	.1	23	.2
8	.1	BF	.2	.2	.2	.1	.1	.1	.1	.1	.1	.2	.1	.2	.1	.2	.1	.2	.2	.1	.1	.1	.1	.1	23	.2
9	.1	BF	.2	.1	.4	.4	.3	.1	.1	.1	.1	.1	.1	.2	.1	.2	.2	.2	.2	.1	.2	.1	.1	.1	23	.4
10	.1	BF	.3	.2	.2	.2	.1	.2	.1	.1	.1	.1	.1	.2	.1	.1	.1	.2	.2	.1	.1	.2	.1	.4	23	.4
11	.4	BF	.6	.4	.3	.1	.1	.1	.1	.3	.2	.1	.2	.1	.2	.2	.2	.2	.2	.1	.1	.2	.1	.2	23	.6
12	.1	BF	.3	.2	.1	.1	.2	.1	.1	.1	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.1	23	.3
13	.1	BF	.3	.2	.3	.4	.4	.3	.1	.1	.1	.1	.2	.1	.2	.2	.2	.1	.1	.2	.2	.2	.2	.2	23	.4
14	.2	BF	.3	.2	.1	.1	.1	.1	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.4	.4	.1	23	.4
15	.1	BF	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	23	.2
16	.1	BF	.5	.5	.4	.5	.2	.1	.1	.1	.2	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.4	23	.5
17	.4	BF	.3	.5	.4	.4	.2	AE	.2	.4	.4	.6	.6	.4	.3	.4	.4	.4	.4	.3	.3	.2	.3	.2	22	.6
18	.2	BF	.4	.3	.2	AE	AE	AE	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.3	.2	20	.5
19	.3	BF	.3	.3	.3	.4	.5	.5	.4	.5	.5	.6	.5	.5	.4	.4	.5	.3	.3	.3	.3	.3	.3	.4	23	.6
20	.5	BF	.6	.6	.6	.5	.5	.2	.4	.6	.5	.6	.7	.7	.8	.8	.8	.6	.5	.4	.4	.3	.6	.5	23	.8
21	.5	BF	.3	.3	.5	.5	.5	.6	.5	.6	.8	.8	.8	.8	.6	.5	.4	.4	.3	.2	.2	.3	.3	.3	23	.8
22	.3	BF	.3	.3	.2	.2	.2	.2	.2	.2	.4	.6	.6	.6	.6	.5	.5	.5	.5	.5	.4	.4	.4	.5	23	.6
23	.4	BF	.5	.4	.4	.4	.4	.4	.4	.5	.6	.5	.5	.5	.4	.4	AV	AV	AV	.1	.0	.1	.0	.1	20	.6
24	.0	BF	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.1	.1	.2	.2	.2	.2	23	.2
25	.2	BF	.2	.2	.2	.2	.2	.4	.5	.5	.4	.3	.3	BA	.5	.6	.7	.7	.6	.6	.6	.6	.6	.5	22	.7
26	.3	BF	.4	.3	.3	.3	.3	.3	.4	BA	.5	.4	.4	.4	.4	.4	.4	.4	.4	.6	.6	.5	.5	.6	22	.6
27	.5	BF	.4	.3	.3	.3	.3	.3	.5	1.0	.8	.6	.6	.6	.5	.5	.5	.5	.5	.7	.6	.5	.4	.3	23	1.0
28	.3	BF	.3	.3	.3	.3	.3	.3	.3	1.2	1.5	1.0	.7	.6	.4	.4	.3	.3	.2	.3	.2	.2	.1	.1	23	1.5
29	.1	BF	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.2	.2	.2	23	.2
30	.3	BF	.4	.2	.2	.3	.3	.6	.6	.5	.5	.6	.6	.6	.7	.7	.7	.8	.6	.7	.6	.6	.6	.6	23	.8
31	.5	BF	.4	.3	.3	.3	.3	.3	.3	.5	.6	.5	.7	.7	.6	.6	.6	.4	.4	.4	.4	.3	.3	.4	23	.7
NO.:	31		31	31	31	30	30	29	31	30	31	31	31	30	31	30	29	29	29	31	31	31	31	31		
MAX:	.5		.6	.6	.6	.5	.5	.6	.7	1.2	1.5	1.0	.8	.8	.8	.8	.8	.8	.6	.7	.6	.6	.6	.6		
AVG:	.25		.33	.27	.27	.27	.26	.26	.28	.37	.40	.38	.36	.37	.34	.34	.35	.33	.31	.30	.29	.28	.28	.27		

MONTHLY OBSERVATIONS: 700 MONTHLY MEAN: .31 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: NOVEMBER 2017

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	.5	.5	.3	.3	.3	.3	.3	.6	.5	.6	.9	.9	.9	.9	.8	.5	.4	.5	.5	.4	.4	.4	23	.9
2	.3	BF	.4	.3	.3	.5	.5	.3	.2	.4	.4	.2	.2	.2	.3	.2	.2	.2	.2	.2	.2	.1	.1	.1	23	.5
3	.2	BF	.2	.3	.5	.5	.5	.5	.4	.4	.5	.6	.6	.6	.6	.6	.6	.5	.5	.4	.4	.4	.4	.4	23	.6
4	.4	BF	.4	.4	.4	.4	.4	.2	.1	.1	.2	.2	.1	.2	.3	.3	.2	.2	.5	.5	.5	.5	.4	.4	23	.5
5	.1	BF	.2	.2	.2	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.1	.1	.2	.2	.2	.2	.2	.3	.2	23	.3
6	.3	BF	.6	.5	.6	.4	.3	.3	.5	.5	.5	.5	.6	.6	.6	.5	.5	.6	.5	.6	.6	.6	.6	.6	23	.6
7	.4	BF	.4	.5	.4	.4	.4	.4	.4	.3	.2	.3	.3	.3	.3	.3	.3	.3	.6	.6	.6	.6	.5	.4	23	.6
8	.3	BF	.3	.3	.3	.3	.3	.3	.5	.6	.5	.6	.5	.5	.6	.5	.4	.3	.4	.5	.5	.5	.5	.5	23	.6
9	.5	BF	.6	.5	.5	.6	.5	.5	.3	.3	.3	.2	.2	.2	.3	.5	.4	.4	.5	.5	.5	.2	.2	.2	23	.6
10	.2	BF	.2	.2	.2	.2	.2	.2	.2	.3	.6	.7	.6	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	23	.7
11	.6	BF	.6	.6	.7	.8	.7	.7	.8	.9	.8	.8	.9	.8	.7	.7	.8	.8	.6	.6	.6	.6	.6	.6	23	.9
12	.5	BF	.4	.3	.3	.4	.3	.3	.3	.4	.4	.4	.6	1.0	.7	.7	.5	.5	.4	.6	.5	.8	.7	.7	23	1.0
13	.6	BF	.6	.6	.6	.6	.5	.6	.6	.5	.6	.6	.6	.6	.6	.6	.6	.4	.3	.3	.3	.2	.2	.2	23	.6
14	.4	BF	.5	.4	.3	.3	.3	.4	.9	1.4	1.3	1.2	1.0	.9	.9	.8	.8	.7	.7	.6	.6	.6	.6	.6	23	1.4
15	.5	BF	.6	.5	.5	.5	.6	.6	.5	.5	.7	.9	.8	.8	.7	.7	.7	.7	.7	.6	.6	.5	.6	.4	23	.9
16	.3	BF	.3	.3	.3	.3	.4	.5	.5	.9	1.1	.9	.7	.6	.6	.6	.6	.4	.4	.4	.4	.3	.3	.3	23	1.1
17	.3	BF	.3	.3	.3	.3	.3	.3	.6	.7	1.0	.7	.7	.7	.6	.6	.6	.5	.3	.4	.4	.6	.7	.6	23	1.0
18	.3	BF	.6	.6	.4	.5	.4	.6	.6	.6	.6	.7	.6	.5	.4	.4	.5	.5	.4	.4	.4	.3	.4	.3	23	.7
19	.3	BF	.4	.3	.2	.2	.2	.1	.2	.2	.2	.2	.3	.3	.5	.5	.4	.5	.5	.3	.4	.4	.3	.3	23	.5
20	.3	BF	.3	.3	.3	.3	.3	.3	.3	.4	1.0	.9	.7	.5	.4	.4	.4	.4	.4	.4	.4	.5	.4	.5	23	1.0
21	.4	BF	.4	.7	.6	.6	.6	.4	.3	.4	.5	.4	.4	.4	.4	.4	.6	.5	.5	.5	.4	.3	.3	.3	23	.7
22	.3	BF	.4	.3	.2	.2	.2	.2	.2	.2	.4	.5	BA	.6	.8	.8	.8	.7	.6	.6	.6	.6	.6	.5	22	.8
23	.4	BF	.4	.3	.3	.3	.3	.6	.8	.8	.7	.8	.8	.8	.9	.9	.8	.7	.6	.5	.3	.2	.3	.3	23	.9
24	.3	BF	.3	.3	.3	.2	.5	.6	.5	.6	.5	.5	.7	.5	.5	.6	.5	.5	.6	.5	.3	.6	.6	.5	23	.7
25	.5	BF	.3	.3	.3	.2	.3	.3	.3	.4	.5	.5	.5	.5	.6	.7	.4	.5	.5	.6	.6	.5	.6	.5	23	.7
26	.4	BF	.5	.5	.6	.5	.2	.3	.3	.4	.5	.5	.5	.6	.5	.4	.5	.6	.4	.4	.3	.4	.3	.3	23	.6
27	.4	BF	.4	.3	.4	.4	.4	.4	.5	.6	.7	.7	.6	.6	.6	.5	.6	.5	.6	.6	.4	.4	.4	.4	23	.7
28	.3	BF	.4	.4	.3	.3	.3	.4	.3	.5	.6	.6	.5	.5	.5	.6	.6	.6	.5	.3	.4	.5	.5	.4	23	.6
29	.5	BF	.5	.6	.7	.6	.5	.4	.7	1.0	.8	.7	.5	.6	.6	.6	.5	.5	.5	.4	.4	.4	.4	.3	23	1.0
30	.3	BF	.3	.3	.2	.4	.4	.4	.2	.4	.6	.6	.6	.5	.5	.5	.5	.6	.6	.4	.4	.5	.4	.5	23	.6
31																									0	
NO.:	30		30	30	30	30	30	30	30	30	30	30	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:	.6		.6	.7	.7	.8	.7	.7	.9	1.4	1.3	1.2	1.0	1.0	.9	.9	.8	.8	.7	.6	.6	.8	.7	.7		
AVG:	.36		.41	.40	.38	.39	.37	.38	.42	.52	.58	.57	.56	.55	.55	.54	.52	.49	.48	.46	.44	.44	.43	.40		

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .46 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: DECEMBER 2017

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.4	BF	.3	.3	.3	.3	.2	.3	.2	.4	.5	.6	.6	.5	.6	.5	.5	.5	.4	.5	.4	.4	.4	.4	23	.6
2	.4	BF	.4	.4	.4	.3	.4	.3	.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3	.2	.3	23	.4
3	.2	BF	.3	.2	.2	.2	.2	.2	.2	.3	.2	.3	.4	.4	.5	.5	.5	.5	.3	.3	.3	.2	.2	.2	23	.5
4	.2	BF	.2	.3	.2	.2	.3	.2	.3	.3	.3	.4	.4	.4	.4	.5	.4	.3	.3	.3	.2	.2	.2	.2	23	.5
5	.2	BF	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.2	.2	.3	.3	.3	.2	.2	.3	.2	.2	.2	.2	23	.3
6	.1	BF	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2	.2	.2	.3	.2	.3	.2	.2	.2	.2	.2	23	.3
7	.2	BF	.2	.2	.2	.2	.2	.2	AV	AV	.8	.5	.5	.5	.6	.6	.5	.4	.3	.4	.4	.3	.4	.3	21	.8
8	.3	BF	.3	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.2	.2	.3	.2	.2	.3	.3	.2	.2	.2	.2	23	.3
9	.2	BF	.2	.2	.2	.2	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.3
10	.2	BF	.2	.2	.2	.3	.2	.2	.2	.3	.3	.6	.4	.4	.4	.5	.3	.2	.2	.3	.3	.2	.3	.2	23	.6
11	.2	BF	.2	.2	.2	.2	.2	.2	.3	.8	.8	.5	.6	.6	.6	.6	.5	.5	.4	.5	.5	.4	.5	.4	23	.8
12	.5	BF	.4	.4	.5	.5	.4	.4	.5	.7	.7	.7	.6	.4	.3	.2	.2	.2	.2	.2	.2	.3	.2	.3	23	.7
13	.3	BF	.4	.3	.3	.3	.3	.3	.3	.5	.5	.5	.6	.6	.4	.4	.3	.4	.4	.4	.5	.5	.5	.5	23	.6
14	.5	BF	.5	.4	.5	.5	.6	.5	.6	.6	.7	.6	.6	.6	.6	.6	.5	.5	.5	.4	.4	.5	.4	.4	23	.7
15	.5	BF	.4	.4	.4	.3	.4	.4	.4	.6	.7	.7	.5	.5	.6	.5	.6	.5	.5	.4	.3	.4	.3	.3	23	.7
16	.3	BF	.3	.3	.3	.3	.3	.3	.3	.4	.4	.5	.5	.5	.5	.5	.4	.4	.5	.5	.5	.5	.4	.4	23	.5
17	.4	BF	.4	.4	.4	.3	.3	.3	.4	.5	.5	.4	.4	.6	.4	.4	.5	.5	.5	.5	.4	.6	.6	.5	23	.6
18	.6	BF	.7	.5	.5	.4	.4	.4	.4	.6	.7	.8	.8	.6	.6	.5	.4	.4	.4	.4	.3	.3	.5	.5	23	.8
19	.4	BF	.2	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.3	.3	.2	.3	.4	.4	.3	.5	.6	.6	.6	23	.6
20	.6	BF	.5	.4	.3	.4	.4	.2	.2	.1	.3	.4	BA	.1	.1	.0	.1	.0	.3	.4	.3	.3	.2	.0	22	.6
21	.1	BF	.1	.1	.1	.1	.1	.1	.1	AZ	AZ	AZ	AZ	AZ	.7	.5	.5	.4	.2	.2	.1	.2	.2	.2	18	.7
22	.4	BF	.2	.2	.2	.2	.2	.2	.2	.5	.4	.3	.3	.2	.2	.2	.5	.6	.5	.2	.1	.1	.1	.1	23	.6
23	.2	BF	.2	.1	.1	.2	.1	.1	.1	.3	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	23	.3
24	.0	BF	.1	.0	.1	.1	.1	.2	.1	.1	.2	.2	.1	.1	.1	.1	.1	.3	.3	.3	.4	.3	.3	.4	23	.4
25	.3	BF	.1	.0	.1	.1	.1	.2	.2	.2	.1	.2	.1	.1	.1	.1	.1	.2	.2	.1	.1	.2	.3	.4	23	.4
26	.6	BF	.7	.7	.6	.6	.2	.5	.7	.7	.7	.5	.4	.5	.5	.5	.5	.7	.4	.4	.6	.6	.6	.6	23	.7
27	.6	BF	.3	.3	.3	.3	.4	.5	.6	.6	.6	.6	.9	.6	.4	.5	.4	.4	.5	.5	.5	.4	.3	.5	23	.9
28	.6	BF	.8	.9	.9	1.0	.8	.9	.7	.7	.7	.8	.9	.8	.8	.7	.7	.6	.6	.6	.6	.5	.4	.5	23	1.0
29	.4	BF	.4	.5	.5	.5	.4	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	6	.5
30	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	0	
31	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	0	
NO.:	29		29	29	29	29	29	28	27	26	27	27	26	27	28	28	28	28	28	28	28	28	28	28		
MAX:	.6		.8	.9	.9	1.0	.8	.9	.7	.8	.8	.8	.9	.8	.8	.7	.7	.7	.6	.6	.6	.6	.6	.6		
AVG:	.34		.32	.29	.30	.30	.28	.28	.30	.40	.43	.44	.42	.39	.39	.38	.36	.36	.35	.34	.33	.32	.33	.32		

MONTHLY OBSERVATIONS: 642 MONTHLY MEAN: .35 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: 37-117-0001 POC: 1
COUNTY: (117) Martin
CITY: (34320) Jamesville
SITE ADDRESS: 1210 Hayes Street
SITE COMMENTS:
MONITOR COMMENTS:

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

CAS NUMBER: 7446-09-5
LATITUDE: 35.81066
LONGITUDE: -76.906249
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 14
PROBE HEIGHT: 5

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 2017

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	.3	.3	.3	.3	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	.1	.1	.1	23	.4
2	BF	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
3	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	-.1	-.1	.0	-.1	.0	.0	23	0.0
4	BF	.0	-.1	.0	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
5	BF	.0	.0	.0	.0	.0	.1	.1	.1	.1	.5	.1	.1	.9	.7	.2	.3	.3	.2	.2	.1	.1	.1	.1	23	.9
6	BF	.1	.1	.0	.1	.1	.3	.3	.4	.4	BA	.4	.3	.3	.1	.2	.2	.3	.4	.3	.3	.3	.3	.2	22	.4
7	BF	.2	.1	.1	.1	.1	.1	.2	.2	.2	.1	.1	.5	.7	.7	.6	.6	.7	.7	.7	.7	.8	.9	1.4	23	1.4
8	BF	1.6	1.6	1.6	1.5	1.0	.7	.7	.9	.9	.8	.6	.5	.6	.6	.6	.6	.5	.5	.3	.4	.3	.4	.3	23	1.6
9	BF	.5	.5	.3	.5	.6	.6	.7	.8	.8	.8	.7	.7	.7	.7	.7	.6	.5	.5	.4	.4	.4	.3	.4	23	.8
10	BF	.4	.4	.3	.4	.4	.4	.5	.6	.9	2.6	.7	.6	.5	.5	.5	.5	.4	.4	.4	1.2	2.3	1.3	.4	23	2.6
11	BF	.3	.2	.2	.2	.2	.2	.2	.4	.2	.2	.3	.4	.4	.4	.3	.2	.2	.2	.2	.2	.1	.0	.1	23	.4
12	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	23	.1
13	BF	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.1	.1	.1	.3	1.0	2.0	.4	.2	.3	.2	.2	23	2.0
14	BF	.1	.1	.1	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
15	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.3	.8	1.2	.6	.6	.6	.2	.2	.3	.2	23	1.2
16	BF	.3	.1	.2	.1	.1	.1	.1	.1	.7	1.0	.3	.1	.7	.7	1.0	1.3	1.1	.6	.2	.1	.1	.1	.0	23	1.3
17	BF	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.2	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	23	.2
18	BF	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
19	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.1	.0	.1	.1	.0	.1	.1	.0	.0	.0	.0	23	.2
20	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.3	.8	1.1	.1	.0	.0	.0	.0	.0	.0	23	1.1
21	BF	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	-.1	.0	.0	.0	23	1.0
22	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	23	0.0
23	BF	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0
24	BF	.0	-.1	.0	.0	-.1	-.1	.0	.0	.0	BA	BA	.1	.0	.0	.1	.1	.0	.1	.2	.1	.1	.0	.1	21	.2
25	AN BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.3	.3	.2	.2	22	.3
26	BF	.3	.3	.2	.2	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	23	.3
27	BF	.1	.0	.1	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.1	.0	.1	.1	.1	.1	.0	.1	.1	23	.1
28	BF	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.3	.3	.2	.2	.2	.2	.2	.2	.2	23	.3
29	BF	.3	.3	.2	.3	.3	.3	.2	.3	.4	.5	.4	.4	.4	.3	.2	.3	.3	.3	.2	.2	.2	.2	.2	23	.5
30	BF	.2	.2	.3	.2	.2	.2	.1	.2	.2	.3	.5	.6	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3	.3	23	.6
31	BF	.3	.3	.3	.3	.4	.4	.4	.5	.4	.5	.7	.6	.7	.7	.8	.8	.7	.7	.7	.8	.8	.9	1.0	23	1.0
NO.:		30	31	31	31	31	31	31	31	31	29	30	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		1.6	1.6	1.6	1.5	1.0	1.0	.7	.9	.9	2.6	.7	.7	.9	.7	1.0	1.3	1.1	2.0	.7	1.2	2.3	1.3	1.4		
AVG:		.18	.15	.14	.15	.12	.15	.13	.16	.18	.28	.19	.18	.23	.22	.25	.28	.24	.25	.17	.18	.21	.19	.18		

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: .19 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: 37-117-0001 POC: 1
COUNTY: (117) Martin
CITY: (34320) Jamesville
SITE ADDRESS: 1210 Hayes Street
SITE COMMENTS:
MONITOR COMMENTS:

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

CAS NUMBER: 7446-09-5
LATITUDE: 35.81066
LONGITUDE: -76.906249
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 14
PROBE HEIGHT: 5

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 2017

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	.9	.7	.6	.4	.3	.3	.3	.4	.5	.6	.7	.8	.8	.7	.7	.7	.7	.6	.4	.3	.3	.4	.2	23	.9
2	BF	.2	.2	.1	.2	.1	.1	.2	.3	.2	2.0	BA	.5	.5	.4	.4	.4	.3	.4	.3	2.3	.4	.4	.4	22	2.3
3	BF	.5	.5	.3	.3	.2	.2	.2	.2	.1	.2	.2	.3	.3	.3	.3	.4	.4	.3	.3	.3	.3	.2	.2	23	.5
4	BF	.5	.4	.5	.6	.6	.6	.5	.5	.5	.5	.4	.4	.4	.4	.4	.5	.6	.5	.4	.4	.4	.3	.4	23	.6
5	BF	.4	.4	.4	.4	.3	.3	.5	.6	.4	.6	.6	.5	.5	.5	.4	.4	.4	.4	.4	.3	.3	.2	.3	23	.6
6	BF	.2	.2	.2	.2	.2	.2	.3	.4	1.3	.9	.5	.5	.4	.4	.3	.4	.4	.6	.5	.5	1.1	1.0	.6	23	1.3
7	BF	.5	.4	.2	.2	.2	.1	.1	.2	.3	.3	.3	.2	.2	.3	.2	.2	.2	.2	.2	.2	.1	.1	.0	23	.5
8	BF	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	23	0.0
9	BF	.0	.0	-.1	-.1	-.1	-.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	23	.2
10	BF	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.5	.5	.5	.6	.5	.5	.4	.6	.4	.4	.4	.4	.5	23	.6
11	BF	.5	.4	.4	.5	.5	.4	.4	.5	.5	.5	.5	.5	.4	.4	.3	.4	.3	.3	.4	.3	.3	.3	.4	23	.5
12	BF	.3	.3	.3	.3	.4	.4	.4	.5	.4	.3	.2	.2	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	23	.5
13	BF	.1	.0	.1	.2	.2	.1	.2	.2	.3	.3	.2	.3	.3	.3	.2	.4	.4	.4	.3	.3	.3	.3	.3	23	.4
14	BF	.3	.2	.2	.2	.2	.2	.2	.3	.4	.4	.4	1.0	.7	.4	.4	.5	.4	.3	.3	.4	.5	.5	.4	23	1.0
15	BF	.4	.3	.2	.2	.2	.2	.1	.1	.3	.1	.0	.0	.0	.0	.1	.1	.1	.0	.1	.2	.2	.1	.1	23	.4
16	BF	.1	.1	.1	.1	.2	.2	.3	.3	.5	.5	.4	.3	.5	.4	.3	.3	.3	.2	.3	.3	.2	.2	.2	23	.5
17	BF	.2	.2	.2	.2	.2	.2	.2	.3	.3	.4	.6	1.0	.7	.0	.5	.5	.5	.4	.4	.3	.4	.4	.3	23	1.0
18	BF	.4	.3	.2	.2	.2	.1	.2	.2	.4	.4	.4	.4	.4	.5	.5	.4	.5	.5	.4	.5	.6	.6	.5	23	.6
19	BF	.5	.4	.4	.2	.2	.1	.1	.2	.4	.5	.5	.5	.3	.3	.2	.2	.2	.2	.1	.1	.1	.1	.1	23	.5
20	BF	.1	.2	.2	.2	.2	.2	.3	.5	.6	.6	.5	.5	.4	.4	.4	.3	.6	.4	.6	.5	.6	.5	.5	23	.6
21	BF	.3	.2	.1	.1	.1	.1	.1	.6	1.0	.8	1.4	.6	.5	1.3	.7	.5	.6	.8	.2	.1	.3	.5	.1	23	1.4
22	BF	.1	.1	.0	.1	.0	.1	.3	.1	.0	.0	.0	.6	.7	.6	.4	.0	.0	.0	.0	.1	.2	.2	.1	23	.7
23	BF	.0	.0	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.2
24	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	-.1	.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	.1	.1	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	23	.1
27	BF	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.4	.2	.2	.2	.2	.1	.1	.1	.1	23	.4
28	BF	.1	.1	.0	.1	.0	.1	.2	.9	.4	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.9
29																									0	
30																									0	
31																									0	
NO.:		28	28	28	28	28	28	28	28	28	28	27	28	28	27	28	28	28	28	28	28	28	28	28		
MAX:		.9	.7	.6	.6	.6	.6	.5	.9	1.3	2.0	1.4	1.0	.8	1.3	.7	.7	.7	.8	.6	2.3	1.1	1.0	.6		
AVG:		.25	.22	.18	.19	.18	.16	.20	.29	.35	.38	.32	.35	.32	.32	.28	.27	.28	.26	.23	.28	.26	.25	.21		

MONTHLY OBSERVATIONS: 642 MONTHLY MEAN: .26 MONTHLY MAX: 2.3

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

(42401) Sulfur dioxide

SITE ID: 37-117-0001 POC: 1
COUNTY: (117) Martin
CITY: (34320) Jamesville
SITE ADDRESS: 1210 Hayes Street
SITE COMMENTS:
MONITOR COMMENTS:

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

CAS NUMBER: 7446-09-5
LATITUDE: 35.81066
LONGITUDE: -76.906249
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 14
PROBE HEIGHT: 5

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 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	23	0.0
2	BF	-.1	-.2	-.2	-.2	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
3	BF	.0	.1	.1	.0	.0	.0	.1	.1	.2	.2	BA	.2	.2	.2	.1	.1	.1	.2	.2	.2	.1	.1	.2	22	.2
4	BF	.3	.3	.3	.3	.3	.3	.3	.3	.3	.5	.4	.4	.4	.3	.4	.4	.5	.5	.3	.2	.2	.2	.2	23	.5
5	BF	.3	.3	.4	.6	.4	.4	.3	.3	.4	.5	.4	.5	.5	.5	.5	.6	.7	.5	.3	.3	.3	.4	.3	23	.7
6	BF	.3	.2	.3	.3	.3	.3	.3	.3	.4	.6	1.4	.8	.6	.5	.5	.5	.5	.4	.4	.3	.3	.2	.2	23	1.4
7	BF	.2	.2	.2	.2	.2	.2	.2	.3	.3	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	23	.3
8	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
9	BF	.0	.0	.0	.0	.1	.1	.3	.3	.2	.2	.1	.1	.1	.2	.1	.2	.1	.4	.1	.1	.2	.2	.2	23	.4
10	BF	.2	.2	.2	.2	.2	.2	.2	.2	.3	.2	.2	.1	.1	.3	.2	.1	.1	.1	.1	.1	.1	.1	.2	23	.3
11	BF	.1	.1	.2	.2	.2	.2	.2	.3	.4	.5	.4	.4	.3	.4	.4	.4	.4	.4	.4	.4	.4	.3	.2	23	.5
12	BF	.2	.2	.3	.4	.4	.4	.4	.3	.3	.3	.4	.4	.4	.4	.5	.4	.5	.5	.4	.4	.5	.4	.4	23	.5
13	BF	.3	.3	.3	.3	.4	.3	.5	1.1	1.0	.9	.6	.6	.4	.5	.5	.6	.7	.3	.3	.2	.1	.1	.0	23	1.1
14	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.2	.3	.1	.2	.2	.2	.2	.4	.5	23	.5
15	BF	.3	.2	.2	.2	.2	.2	AZ	AZ	AZ	AZ	1.0	1.0	1.0	.9	.8	.9	.8	.6	.8	.9	.8	.8	.9	19	1.0
16	BF	.8	.7	.7	.6	.6	.6	.6	.6	.6	.5	.6	.7	.9	1.1	1.0	1.1	1.0	1.0	1.0	.7	.5	.5	.5	23	1.1
17	BF	.5	.5	.4	.5	.5	.5	.6	.8	.8	.9	BA	.7	.7	.7	.7	.7	.7	.8	.8	.8	.8	.9	.8	22	.9
18	BF	.4	.4	.4	.4	.4	.5	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	23	.5
19	BF	.2	.2	.2	.1	.1	.2	.2	.2	.2	.2	.2	.3	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.1	23	.3
20	BF	.3	.2	.2	.2	.2	.2	.4	.7	.5	.5	.3	.3	.4	.3	.3	.3	.3	.3	.3	.3	.2	.4	.3	23	.7
21	BF	.4	.3	.2	.2	.2	.2	.3	.4	.5	.5	.5	.5	.4	.4	.3	.3	1.7	.7	.4	.2	.2	.2	.2	23	1.7
22	BF	.3	.1	.1	.1	.2	.2	.1	.2	.3	.4	.5	.5	.3	.2	.2	.2	.3	.2	.2	.2	.2	.2	.5	23	.5
23	BF	.4	.2	.2	.3	.3	.3	.4	.4	.4	.5	.4	.5	.5	.5	.6	.7	.4	.4	.4	.3	.4	.4	.4	23	.7
24	BF	.4	.3	.3	.3	.3	.3	.4	.3	.3	.3	.4	.5	.4	.4	.3	.3	.3	.3	.3	.3	.2	.3	.2	23	.5
25	BF	.4	.3	.3	.3	.2	.2	.3	.2	.3	.3	.2	.2	.2	.1	.1	.1	.1	.1	.2	.2	.1	.1	.0	23	.4
26	BF	.1	.0	.1	.1	.1	.1	.1	1.4	1.6	.2	.2	.8	.4	.1	.0	.0	.0	.0	.0	.0	.0	.6	1.2	23	1.6
27	BF	.9	.7	.4	.2	.1	.1	.1	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	23	.9
28	BF	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
29	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.7	1.0	.1	.0	.0	.0	.1	.1	23	1.7
30	BF	.1	.1	.0	.1	.1	.1	.0	.1	1.1	1.6	.2	.2	.1	.2	2.0	1.5	.5	.8	.2	.1	.1	.1	.1	23	2.0
31	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	23	.1
NO.:		31	31	31	31	31	31	30	30	30	30	29	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		.9	.7	.7	.6	.6	.6	.6	1.4	1.6	1.6	1.4	1.0	1.0	1.1	2.0	1.7	1.7	1.0	1.0	.9	.8	.9	1.2		
AVG:		.24	.19	.18	.19	.19	.19	.22	.32	.37	.35	.31	.33	.29	.28	.34	.38	.36	.30	.25	.22	.20	.24	.25		

MONTHLY OBSERVATIONS: 707 MONTHLY MEAN: .27 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: 37-129-0006 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 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	.2	.3	.3	.3	.3	.3	.3	.3	.4	.4	.3	.3	.3	.3	.2	.2	.1	.2	.2	.1	.1	.1	.2	23	.4
2	BF	.1	.0	.0	.0	.0	.2	.1	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	23	.2
3	BF	.2	.1	.0	.0	.0	.1	.0	.0	.0	BA	.0	.0	.0	AE	.1	.0	.0	.0	.0	.0	.0	.0	.0	21	.2
4	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.2	.1	.0	.1	.1	.0	.1	.0	.1	.2	1.6	23	1.6
5	BF	.1	.1	.2	.2	.2	.1	.2	.2	.2	.1	.3	.2	.5	.2	.2	.2	.2	.1	.2	.2	.2	.1	.1	23	.5
6	BF	.1	.1	.0	.1	.2	.3	.2	.2	.2	.3	.4	.5	.6	.5	.5	.5	.5	.5	.3	.3	.2	.3	.3	23	.6
7	BF	.3	.2	.2	.2	.1	.2	.2	.2	.2	.2	.3	.3	.3	.4	.5	.4	.5	.5	.4	.5	.5	.4	.5	23	.5
8	BF	.8	.7	.6	.6	.7	.7	.7	1.0	1.0	.9	.8	.8	.9	.8	.8	.9	1.0	.6	.7	.8	1.1	1.1	.8	23	1.1
9	BF	.6	.6	.6	.7	.7	.6	.7	.8	.9	1.0	.8	.7	1.0	.9	.6	.5	.5	.6	.5	.5	.5	.4	.4	23	1.0
10	BF	.5	.5	.4	.4	.3	.3	.3	.4	.6	.6	.6	.7	.6	.7	.7	.4	.4	.3	.4	.3	.3	.4	.5	23	.7
11	BF	.4	.2	.3	.3	.4	.6	.5	.3	.4	.4	.4	.4	.4	.4	.5	.9	.9	.6	.4	.3	.2	.7	.1	23	.9
12	BF	.2	.1	.4	.6	.5	.8	.7	.5	.3	.6	.8	.6	.4	.3	AE	AE	AE	AE	AE	AE	.1	.1	.0	17	.8
13	BF	.1	.1	.2	.2	.2	.3	.4	.3	.2	.5	.6	.5	.6	.5	AE	AE	AE	AE	AE	AE	.2	.2	.2	17	.6
14	BF	.4	.3	.3	.3	.2	.2	.3	.3	.3	.3	.3	.3	.5	1.0	1.1	.7	.7	.3	.2	.1	.1	.0	.0	23	1.1
15	BF	.1	.1	.1	.1	.1	.1	.1	AE	.1	.4	.7	.6	.5	.5	.5	.4	.3	.2	.1	.1	.1	.1	.1	22	.7
16	BF	.1	.1	.1	.2	.3	.2	.2	.1	.2	.2	.2	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.2	.1	23	.3
17	BF	.1	.1	.0	.0	.0	.0	.0	.1	.2	.3	.6	.5	.2	.2	AE	AE	AE	AE	AE	.0	.0	.0	.0	18	.6
18	BF	.1	.1	.2	.2	.2	.2	.1	.2	.2	.1	.0	.1	.5	.5	.6	.7	.3	.0	.0	.0	.0	.0	.0	23	.7
19	BF	.0	.0	.0	.0	-.1	-.1	-.1	.0	.0	.2	.2	.2	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	23	.2
20	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.3	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	23	.3
21	BF	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	.0	.0	.4	.5	.2	.0	.0	.0	.0	.1	.1	.0	.0	.0	23	.5
22	BF	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.1	.3	.2	.0	.0	.0	-.1	.0	-.1	-.1	23	.3
23	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	23	0.0
24	BF	.0	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	23	.1
25	BF	.0	.0	.0	.1	AE	AE	AE	AE	AE	AE	.1	.1	.0	.1	.1	.3	.4	.1	.1	.1	.0	.1	.2	17	.4
26	BF	.3	.3	.2	.1	.0	.0	.1	.1	.1	.0	.0	.0	BA	BA	.0	.0	.0	.0	.0	.0	.1	.2	.0	21	.3
27	.0	BF	.0	.0	.0	.0	.0	.0	.0	.8	.4	.0	.0	.0	.1	.0	.0	.0	.1	.2	.0	AE	AE	AE	20	.8
28	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	.0	.0	.0	.0	.0	.1	.1	.0	.0	AE	AE	AE	AE	9	.1
29	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	.2	.2	.2	.2	.1	.0	.0	.0	.1	.1	.1	.0	.1	.0	14	.2
30	AE	BF	AE	AE	AE	AE	AE	AE	AE	AE	.1	BA	BA	.1	.1	.1	.1	.3	.2	.1	.1	.0	.2	.1	12	.3
31	.0	BF	.0	.0	.0	.0	.1	.0	.5	.6	.8	.9	.6	.6	.7	.7	.7	.7	.6	.5	1.0	.8	.5	.5	23	1.0
NO.:	2	26	28	28	28	27	27	27	26	27	28	30	30	30	29	28	28	28	28	28	28	29	29	29		
MAX:	0.0	.8	.7	.6	.7	.7	.8	.7	1.0	1.0	1.0	.9	.8	1.0	1.0	1.1	.9	1.0	.6	.7	1.0	1.1	1.1	1.6		
AVG:	0.00	.18	.14	.14	.15	.15	.19	.17	.20	.25	.30	.30	.29	.32	.32	.28	.27	.26	.18	.16	.16	.16	.18	.19		

MONTHLY OBSERVATIONS: 648 MONTHLY MEAN: .22 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: FEBRUARY 2017

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	.5	.5	.4	.5	.6	.6	.7	.5	.5	.6	.5	.8	.6	.6	.5	.3	.2	.1	.0	.0	.0	23	.8
2	.1	BF	.4	.4	.3	.2	.1	.1	.3	.4	.5	.4	.2	.3	.2	.4	.4	.3	.3	.2	.2	.1	.1	.1	23	.5
3	.1	BF	.0	.0	.0	.2	.6	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	.0	.0	.0	.0	23	.6
4	.1	BF	.5	.4	.3	.3	.2	.2	.1	.1	.0	.1	.2	.2	.2	.2	.3	.3	.1	.1	.0	.0	.1	.1	23	.5
5	.1	BF	.1	.1	.7	1.7	.8	1.4	1.2	.7	.3	.3	.7	.3	.2	.2	.3	.6	.7	.2	.1	.0	.0	.0	23	1.7
6	.0	BF	.0	.0	.0	.1	.3	.3	.1	.0	.5	.5	.4	.3	.3	.3	1.1	.6	.3	.1	.1	.0	.0	.0	23	1.1
7	.0	BF	.0	.1	.1	.2	.2	.1	.0	.0	.2	.3	.2	.1	.2	.2	.1	.0	.0	.0	.1	.1	.0	.0	23	.3
8	.0	BF	.0	.0	.0	.0	-.1	-.1	-.1	-.1	.0	-.1	.0	.1	.0	-.1	.0	.0	-.1	-.1	-.2	-.2	-.2	-.2	23	.1
9	-.2	BF	-.1	-.2	-.1	-.1	-.2	-.1	-.2	-.1	-.1	-.1	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
10	.0	BF	.1	.2	.0	.0	.0	.5	.4	.3	.3	.2	.2	.2	.2	.2	.3	.5	.2	.2	.1	.1	.1	.1	23	.5
11	.0	BF	.1	.1	.0	.0	.1	.1	.3	.5	.7	.5	.3	.2	.4	.5	.4	.4	.3	.1	.2	.2	.2	.2	23	.7
12	.4	BF	.4	.3	.3	.4	.4	.4	.3	.3	.3	.1	.1	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	23	.4
13	.0	BF	.0	.0	.0	.2	.2	.7	.4	.1	.1	.2	.1	.2	.1	.1	.3	.2	.3	.1	.2	.1	.0	.0	23	.7
14	.0	BF	.1	.2	.2	.3	.5	.6	.2	.5	.6	1.6	1.9	.4	.3	.2	.3	.4	.7	.5	.2	.1	.1	.1	23	1.9
15	.0	BF	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	-.1	.0	-.1	.0	.0	.0	-.1	.0	-.1	-.1	-.1	-.1	23	.1
16	-.1	BF	.0	-.1	.0	-.1	.0	.0	.3	.8	.3	.3	.2	.3	.2	.1	.2	.2	.1	.1	.1	.0	.0	.0	23	.8
17	.0	BF	.0	.0	.0	.0	.1	.2	.3	.4	.2	.2	.2	.5	.7	.5	.2	.2	.2	.1	.0	.0	.0	.0	23	.7
18	.0	BF	.0	.0	.0	.0	.0	.0	.2	.6	.4	.4	.4	.3	.6	.6	.7	.6	.6	.3	.2	.1	.0	.1	23	.7
19	.1	BF	.0	.0	.0	.1	.0	.0	.2	.4	.4	.3	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	23	.4
20	.0	BF	.0	.0	.0	.0	.0	.0	.1	.3	.2	.2	.2	.4	.4	.4	.3	.3	.1	.0	.0	.0	.0	.0	23	.4
21	.0	BF	.0	.0	.0	.0	.0	.0	.2	.3	.4	.2	.1	.1	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	-.1	23	.4
22	-.1	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0
23	-.1	BF	-.1	-.1	-.1	-.1	-.2	-.1	-.1	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.2	-.2	23	0.0
24	-.2	BF	-.1	-.2	-.2	-.2	-.2	-.1	-.2	.0	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	23	0.0
25	-.1	BF	-.1	-.1	-.1	.0	-.1	.0	-.1	-.1	-.1	.0	-.1	.0	.0	.0	.0	-.1	-.2	-.1	-.2	-.1	-.1	-.1	23	0.0
26	-.1	BF	-.1	.0	-.1	-.1	.0	.0	.3	.0	.0	.0	.0	.0	.1	.2	.1	.0	.1	.0	.0	.0	.0	.0	23	.3
27	.0	BF	.0	.0	.0	.0	.0	.0	.0	BA	BA	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	21	.1
28	.0	BF	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.2	23	0.0
29																									0	
30																									0	
31																									0	
NO.:	28		28	28	28	28	28	28	28	27	27	28	28	28	28	28	28	28	28	28	28	28	28	28		
MAX:	.5		.5	.5	.7	1.7	.8	1.4	1.2	.8	.7	1.6	1.9	.5	.8	.6	1.1	.6	.7	.5	.2	.2	.2	.2		
AVG:	.02		.06	.05	.06	.12	.11	.19	.17	.23	.21	.22	.21	.15	.18	.16	.20	.16	.12	.05	.01	-.01	-.02	-.02		

MONTHLY OBSERVATIONS: 642 MONTHLY MEAN: .11 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: 37-129-0006 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 2017

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	-.2	-.1	-.1	-.2	-.2	-.2	-.1	-.1	-.2	-.2	-.1	.0	.0	.0	-.1	-.1	.0	-.1	-.1	-.1	-.2	-.2	23	0.0
2	-.2	BF	-.2	-.2	-.3	-.2	-.3	-.2	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.5	.1	.0	.0	.0	23	.5
3	.0	BF	.0	.0	.0	.0	.0	.2	.1	.2	.2	.3	.2	.1	.1	.2	.2	.3	.1	.1	.0	.0	.1	.0	23	.3
4	.1	BF	.1	.1	.0	.1	.0	.1	.2	.2	.2	.3	.3	.3	.3	.2	.2	.3	.9	.5	.1	.1	.1	.1	23	.9
5	.1	BF	.1	.1	.1	.1	.1	.1	.2	.3	.4	.5	.5	.6	.4	.4	.3	.3	.2	.1	.1	AV	.1	.0	22	.6
6	.1	BF	.1	.1	.0	.1	.2	.1	.0	.3	BA	BA	.3	.4	.5	.3	.3	.2	.2	.2	.0	.0	.1	.0	21	.5
7	.1	BF	.2	.1	.2	.3	.3	.3	.8	2.3	.7	.3	.0	.1	.1	.2	.3	.8	1.4	1.0	.5	1.2	.7	.7	23	2.3
8	1.6	BF	.3	.1	.1	.0	.1	.0	.1	.1	.1	.1	.2	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	23	1.6
9	.0	BF	.1	.2	.4	.2	.3	.4	.3	.2	.2	.1	.1	.2	.1	.2	.2	.5	.2	.2	.1	.1	.0	.0	23	.5
10	.0	BF	.0	.0	.0	.0	.0	.0	.3	.1	.1	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
11	.0	BF	.0	.0	.0	.0	.0	.1	.0	.1	.1	.2	.2	.2	.2	.2	.2	.3	.2	.3	.2	.2	.1	.2	23	.3
12	.1	BF	.1	.2	.2	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
13	.0	BF	.1	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	23	.2
14	-.1	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
15	.1	BF	.0	.0	.0	.0	.0	.0	.0	AE	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.3	.1	.1	.1	22	.3
16	.1	BF	.1	.2	.2	.2	.3	.3	.4	.5	.6	.5	.4	.4	.7	.7	.7	.7	.5	.2	.1	.1	.1	.1	23	.7
17	.1	BF	.1	.1	.3	.3	.6	.4	.7	.8	.7	.8	.7	.7	.8	1.3	1.1	.5	.4	.3	.2	.3	.2	.3	23	1.3
18	.2	BF	.2	.1	.1	.1	.1	.3	.3	.2	.3	.1	.2	.4	.4	.3	.3	.2	.2	.1	.0	.0	.0	.0	23	.4
19	.0	BF	.0	.0	.0	.0	.0	.0	.2	.1	.2	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
20	.0	BF	.1	.1	.1	.1	.0	.0	.2	.3	.3	.3	.3	.3	.3	.6	.8	.5	.1	.0	.0	.0	.0	.0	23	.8
21	.0	BF	.0	.0	.0	.0	.0	.0	.2	.4	.5	.5	.5	.6	.4	.2	.3	.4	.2	.2	.0	.0	.0	.0	23	.6
22	.0	BF	.0	-.1	-.1	-.1	-.2	-.2	-.1	-.1	.0	.0	.0	.0	-.1	.0	.0	.1	.0	.0	-.1	-.1	-.1	-.1	23	.1
23	-.1	BF	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	23	.1
24	.0	BF	.0	.0	.0	.0	.0	.2	.4	.6	.1	.1	.3	.4	.5	.4	.1	.0	.4	.2	.2	.1	.0	.0	23	.6
25	-.1	BF	.0	-.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	-.1	-.1	.0	.0	.0	-.1	.0	.0	-.1	23	.1
26	-.1	BF	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.2	23	0.0
27	-.1	BF	-.1	.0	-.1	.0	-.1	.0	BA	1.7	.0	.0	.0	.0	.0	.4	.1	.2	.0	.2	.0	.0	-.1	-.1	22	1.7
28	.0	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	-.1	-.1	-.2	-.2	23	.1
29	-.2	BF	-.1	-.2	-.2	-.2	-.1	-.1	-.1	.0	.0	.0	.0	.0	4.4	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.2	-.1	23	4.4
30	-.1	BF	-.1	-.2	-.2	-.2	-.2	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	-.1	-.1	.0	-.1	-.1	-.2	-.2	23	0.0
31	-.2	BF	-.1	-.1	-.2	-.1	-.2	-.2	-.2	-.2	-.1	-.1	.0	.2	.1	.0	.0	.0	-.1	-.2	-.1	-.2	-.1	-.1	23	.2
NO.:	31		31	31	31	31	31	31	30	30	30	30	31	31	31	31	31	31	31	31	31	30	31	31		
MAX:	1.6		.3	.2	.4	.3	.6	.4	.8	2.3	.7	.8	.7	.7	4.4	1.3	1.1	.8	1.4	1.0	.5	1.2	.7	.7		
AVG:	.04		.02	0.00	.01	.01	.02	.05	.13	.27	.14	.13	.14	.17	.29	.18	.16	.17	.15	.12	.04	.04	.01	0.00		

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: .10 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: APRIL 2017

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	-.2	BF	-.1	-.2	.0	-.1	-.1	.0	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	.0	-.1	-.1	-.2	-.1	-.1	-.1	23	0.0
2	-.1	AN	-.2	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
3	.0	BF	.0	-.1	-.1	-.1	-.1	.0	.0	-.1	-.1	.0	.2	.3	.0	.0	-.1	.0	.0	-.1	-.1	-.1	-.2	-.2	23	.3
4	-.2	BF	-.1	-.2	-.2	-.2	-.1	-.1	-.1	-.2	-.1	-.2	-.2	-.3	-.1	-.1	.0	-.1	-.2	-.2	-.2	-.2	-.2	-.3	23	0.0
5	-.3	BF	-.3	-.3	-.3	-.3	-.2	-.2	-.1	.1	.1	.0	.5	.4	.4	.2	.0	-.1	-.2	-.3	-.2	-.2	-.2	-.2	23	.5
6	-.3	BF	-.2	-.2	-.3	-.3	-.3	.0	-.1	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.1	-.2	-.2	-.2	-.1	23	0.0
7	-.2	BF	-.1	-.2	-.2	-.2	.0	-.1	-.1	-.1	-.1	.0	-.1	.0	-.1	.0	.0	.0	.0	.0	-.2	-.1	.3	-.1	23	.3
8	.1	BF	-.1	.0	.0	-.1	AE	AE	AE	.0	.0	.0	.0	.1	.0	.2	.6	.1	.0	.0	.0	-.1	-.1	-.1	20	.6
9	-.1	AN	-.1	-.1	-.1	-.1	AE	.0	.2	.3	.2	.1	.1	.2	.1	.1	.0	.4	.1	.0	.0	-.1	.0	-.1	22	.4
10	-.1	BF	.0	.0	.0	.0	.0	.0	.0	.1	.3	.1	.1	.3	.1	.1	.0	.3	.2	.0	.0	-.1	-.1	-.1	23	.3
11	-.1	BF	.0	.0	.0	.0	-.1	.0	.1	.0	.0	.0	.1	.3	.3	.5	.6	.0	.1	.0	.0	.0	-.1	-.1	23	.6
12	-.1	BF	.0	.0	.0	.2	.0	.0	.0	.0	.0	-.1	.0	.1	.4	1.3	1.1	.7	.2	-.1	-.1	-.1	-.2	-.2	23	1.3
13	-.2	BF	-.1	-.2	-.1	-.1	.0	.0	.1	.4	BA	.0	.1	.0	.0	.0	.0	.0	-.1	-.2	-.2	-.2	-.2	-.1	22	.4
14	-.2	BF	-.2	-.2	-.2	-.1	-.1	-.1	.0	.0	.0	.0	.0	-.1	-.2	-.1	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	23	0.0
15	-.2	BF	-.2	-.3	-.2	-.2	-.1	-.2	-.1	.0	.0	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	23	0.0
16	-.2	AN	-.3	-.2	-.2	-.3	-.3	-.2	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	23	-.1
17	-.3	BF	-.3	-.3	-.3	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.2	-.2	-.2	-.3	-.3	-.3	-.4	-.3	23	-.1
18	-.3	BF	-.3	-.3	-.3	-.2	-.3	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.3	-.3	-.2	-.3	-.3	-.3	-.3	23	-.2
19	-.3	BF	-.3	-.3	-.4	-.3	-.3	-.2	-.2	-.2	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.3	-.4	-.3	23	-.2
20	-.3	BF	-.2	-.3	-.3	-.2	-.1	-.2	.0	.1	-.1	-.1	-.1	-.1	-.2	.0	.3	.3	-.2	-.3	-.3	-.3	-.3	-.4	23	.3
21	-.3	BF	-.3	-.4	-.4	-.3	-.2	-.1	-.1	-.1	-.2	-.1	-.2	-.1	.0	-.1	.0	-.1	-.2	-.3	-.3	-.3	-.4	-.4	23	0.0
22	-.4	BF	-.4	-.4	-.4	-.4	-.3	-.3	-.3	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.3	-.3	-.3	-.4	-.4	23	-.1
23	-.4	AN	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.4	-.4	-.4	-.4	-.3	23	-.3
24	-.3	BF	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.4	23	-.3
25	-.4	BF	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.4	-.4	-.3	-.4	-.3	-.4	-.3	23	-.2
26	-.3	BF	-.3	-.3	-.3	-.2	-.3	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.1	-.2	-.2	-.3	-.3	-.3	-.3	-.3	23	-.1
27	-.3	BF	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.2	-.3	-.2	23	-.1
28	-.2	BF	-.2	-.2	-.3	-.3	-.2	-.3	-.3	-.3	-.2	-.2	-.2	-.3	-.3	-.3	-.2	-.2	-.3	-.3	-.3	-.2	-.2	-.2	23	-.2
29	-.1	BF	-.2	-.2	-.1	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.3	-.3	-.3	-.4	-.4	-.4	-.3	-.4	23	-.1
30	-.3	BF	-.3	-.3	-.3	-.3	-.2	.0	.0	.0	-.1	-.2	-.2	-.1	-.2	-.1	-.2	-.2	-.1	.0	.0	-.2	-.2	-.1	23	0.0
31																									0	
NO.:	30		30	30	30	30	28	29	29	30	29	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	.1		0.0	0.0	0.0	.2	0.0	0.0	.2	.4	.3	.1	.5	.4	.4	1.3	1.1	.7	.2	0.0	0.0	0.0	.3	0.0		
AVG:	-.22		-.20	-.22	-.22	-.20	-.19	-.16	-.12	-.09	-.11	-.14	-.11	-.08	-.10	-.05	-.05	-.09	-.15	-.20	-.21	-.21	-.22	-.22		

MONTHLY OBSERVATIONS: 685 MONTHLY MEAN: -.15 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 2017

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	-.1	BF	-.1	-.3	-.2	-.2	.0	.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.1	-.2	-.2	-.1	-.1	-.1	-.2	-.1	-.2	23	.1
2	-.2	BF	-.2	-.2	-.1	-.1	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.1	.1	.4	.1	.0	.0	.0	.0	23	.4
3	.0	BF	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
4	-.1	BF	.0	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	-.1	-.1	-.2	-.1	-.2	-.2	-.2	23	0.0
5	-.2	BF	-.1	-.2	-.3	-.1	-.2	-.3	-.2	.0	.0	.0	-.2	-.2	-.1	-.1	-.2	-.1	.0	-.2	-.2	-.3	-.3	-.3	23	0.0
6	-.3	BF	-.3	-.2	-.4	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.3	23	-.2
7	-.3	AN	-.2	-.3	-.2	-.2	-.2	.0	-.1	-.1	.0	-.1	-.1	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.3	-.3	-.1	-.2	23	0.0
8	-.2	BF	-.1	-.2	-.1	.0	.0	.5	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	-.1	-.1	-.1	-.1	23	2.2
9	-.1	BF	-.1	.0	-.2	-.2	-.2	-.1	.3	.0	.0	.0	.1	.2	.2	.1	.0	.0	-.1	-.2	-.2	-.2	-.2	-.2	23	.3
10	-.2	BF	-.2	-.3	-.2	-.2	-.2	-.2	-.1	.2	.1	.0	.0	-.1	-.1	-.1	-.1	.0	-.1	-.2	-.2	-.2	-.2	-.2	23	.2
11	-.2	BF	-.2	-.3	-.3	-.3	-.3	-.1	.0	BA	.1	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.2	-.3	-.3	-.3	-.3	22	.1
12	-.4	BF	-.3	-.4	-.3	-.4	-.4	-.3	-.4	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.3	23	-.3
13	-.4	BF	-.4	-.4	-.3	-.4	-.3	-.4	-.3	-.1	.0	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	23	0.0
14	-.3	BF	-.3	-.4	-.3	-.4	-.3	-.3	-.2	.0	-.2	-.2	.0	-.2	-.3	-.2	-.2	-.2	-.3	-.4	-.3	-.3	-.4	-.4	23	0.0
15	-.4	BF	-.3	-.4	-.3	-.3	-.2	.0	.0	-.1	.1	.0	.0	-.1	-.1	-.1	-.2	-.1	-.3	-.3	-.3	-.3	-.4	-.3	23	.1
16	-.4	BF	-.2	-.2	-.2	-.2	-.2	-.1	3.2	.4	.0	.1	.1	.1	.1	.2	.4	.5	1.4	.6	.0	-.1	-.1	-.1	23	3.2
17	-.1	BF	-.1	-.2	-.2	-.1	-.2	-.2	-.1	-.1	.0	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	23	0.0
18	-.4	BF	-.4	-.4	-.4	-.3	-.4	-.3	-.3	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.5	-.4	-.4	-.5	-.2	23	-.2
19	-.4	BF	-.4	-.4	-.4	-.3	-.4	-.3	-.4	-.3	-.3	-.3	-.4	-.3	-.3	-.2	-.3	-.3	-.3	-.4	-.3	-.3	-.2	-.3	23	-.2
20	-.2	BF	-.2	-.1	-.1	-.1	-.2	-.2	-.1	-.1	.0	.0	.0	-.1	-.1	.0	.0	-.1	-.3	-.2	-.2	-.3	-.2	-.1	23	0.0
21	-.2	AN	-.2	-.2	-.2	-.3	-.3	-.2	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.2	-.4	-.4	-.3	-.3	-.3	23	-.2
22	-.4	BF	-.3	-.3	-.2	-.2	.1	-.1	-.2	-.3	-.3	-.4	-.4	-.3	-.4	-.4	-.3	-.4	-.5	-.5	-.5	-.4	-.5	-.5	23	.1
23	-.5	BF	-.4	-.4	-.5	-.5	-.5	-.5	-.4	-.4	-.5	-.5	-.5	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.6	23	-.4
24	-.5	BF	-.4	-.5	-.5	-.5	-.5	-.5	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	23	-.4
25	-.4	BF	-.4	-.5	-.5	-.5	-.4	-.3	-.3	-.3	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.3	-.3	23	-.3
26	-.4	BF	-.3	-.2	-.3	-.3	-.2	-.2	-.2	-.2	-.3	-.2	-.3	-.3	-.4	-.2	-.2	-.3	-.2	-.3	-.3	-.3	-.3	-.4	23	-.2
27	-.3	BF	-.1	-.2	-.4	-.3	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.1	-.1	.0	.0	-.1	-.1	-.2	-.3	-.4	-.3	23	0.0
28	-.3	AT	-.4	-.4	-.4	-.4	-.3	-.1	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.4	-.4	-.4	-.4	23	-.1
29	-.4	BF	-.4	-.4	-.4	-.4	-.3	-.2	-.1	-.2	-.2	-.3	-.1	-.2	-.1	.1	-.2	-.3	-.4	-.3	-.3	-.3	-.4	-.4	23	.1
30	-.4	BF	-.3	-.4	-.3	-.4	-.4	-.3	-.1	-.1	-.2	-.3	-.3	-.3	-.4	-.3	-.3	-.3	-.4	-.4	-.5	-.5	-.5	-.5	23	-.1
31	-.4	BF	-.4	-.5	-.5	-.4	-.4	-.3	-.3	-.4	-.3	-.4	-.4	-.3	-.2	.0	.2	-.3	-.3	-.4	-.4	-.4	-.3	-.4	23	.2
NO.:	31		31	31	31	31	31	31	31	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	0.0		0.0	0.0	0.0	0.0	.1	.5	3.2	.4	.1	.1	.1	.2	.2	.2	.4	.5	1.4	.6	0.0	0.0	0.0	0.0		
AVG:	-.29		-.25	-.29	-.28	-.27	-.24	-.16	.02	-.15	-.15	-.18	-.17	-.18	-.19	-.16	-.16	-.19	-.18	-.25	-.28	-.29	-.29	-.29		

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: -.21 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: 37-129-0006 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:
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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 2017

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	-.3	-.3	-.4	-.4	-.2	-.2	.0	.0	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.5	-.4	-.5	-.4	23	0.0
2	-.4	BF	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.3	.0	-.2	-.2	-.2	-.2	-.3	.0	.0	-.4	-.4	-.5	-.5	-.5	-.5	23	0.0
3	-.5	BF	-.4	-.5	-.4	-.4	-.4	-.3	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.1	.1	-.4	-.4	-.5	-.5	-.5	23	.1
4	-.5	BF	-.4	-.4	-.5	-.4	-.4	-.4	.0	.0	.0	-.4	-.3	-.2	-.3	-.2	-.5	-.5	-.5	-.5	-.4	-.5	-.5	-.5	23	0.0
5	-.6	BF	-.5	-.6	-.6	-.3	.0	.4	.0	-.1	-.4	-.5	-.5	-.5	-.6	-.5	-.6	-.6	-.5	-.6	-.6	-.6	-.6	-.6	23	.4
6	-.6	BF	-.5	-.6	-.6	-.5	-.6	-.6	-.6	-.5	-.5	-.6	-.5	-.5	-.5	-.5	-.5	-.6	-.6	-.6	-.5	-.6	-.6	-.6	23	-.5
7	-.6	BF	-.5	-.5	-.6	-.6	-.6	-.5	-.6	-.6	-.6	-.5	-.5	-.6	-.5	-.6	-.6	-.5	-.6	-.6	-.5	-.5	-.6	-.6	23	-.5
8	-.6	BF	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	BA	-.5	-.5	-.4	-.5	-.4	-.1	-.2	-.1	-.3	-.4	-.4	-.4	-.4	22	-.1
9	-.4	BF	-.3	-.4	-.3	-.3	-.4	-.3	-.3	-.3	-.2	.0	-.1	-.2	-.4	-.1	-.1	-.4	-.3	-.4	-.4	-.4	-.4	-.4	23	0.0
10	-.5	BF	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.2	-.4	-.2	.4	.8	-.3	-.4	-.4	-.5	-.5	23	.8
11	-.5	AN	-.5	-.4	-.5	-.5	-.4	-.5	-.4	-.4	-.5	-.5	-.3	-.3	-.3	-.4	-.3	-.4	-.4	-.4	-.5	-.5	-.5	-.4	23	-.3
12	-.4	BF	-.4	-.3	-.3	-.4	-.4	-.3	-.3	-.4	-.1	.0	-.3	-.2	-.2	-.3	-.4	-.4	-.4	-.5	-.5	-.5	-.4	-.5	23	0.0
13	-.4	BF	-.4	-.3	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	.0	.0	.2	-.2	-.4	-.4	-.5	-.4	-.5	-.5	-.5	-.5	23	.2
14	-.5	BF	-.5	-.5	-.5	-.5	-.4	-.5	-.4	-.4	-.3	-.3	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.5	-.6	-.5	23	-.3
15	-.6	BF	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.4	-.2	-.4	-.3	-.5	-.6	-.6	-.6	-.6	-.5	-.6	-.6	-.6	-.6	-.6	23	-.2
16	-.6	BF	-.5	-.6	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.5	-.5	-.5	-.5	-.6	-.6	-.6	-.6	-.5	23	-.4
17	-.2	BF	-.2	-.4	-.5	-.6	-.6	-.5	-.5	-.4	-.5	-.4	-.5	-.1	-.2	-.5	-.2	-.5	-.5	-.6	-.5	-.5	-.5	-.6	23	-.1
18	-.6	AN	-.6	-.6	-.6	-.6	-.6	-.5	-.6	-.5	-.5	-.6	-.6	-.5	-.5	-.5	-.5	-.5	-.3	-.3	-.4	-.5	-.6	-.6	23	-.3
19	-.6	BF	-.5	-.6	-.6	-.6	-.6	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	23	-.4
20	-.6	BF	-.5	-.5	-.6	-.5	-.5	-.6	-.6	-.5	-.5	-.5	-.5	-.6	-.6	-.6	-.5	-.5	-.5	-.6	-.6	-.6	-.5	-.6	23	-.5
21	-.6	BF	-.5	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.4	-.3	-.4	-.4	-.6	-.6	-.5	-.5	-.6	23	-.3
22	-.5	BF	-.5	-.5	-.5	-.5	-.5	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.5	-.5	-.6	-.6	23	-.5
23	-.5	BF	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.5	-.4	-.5	1.0	-.5	-.5	-.4	-.5	-.5	-.5	-.5	-.5	23	1.0
24	-.6	BF	-.5	-.6	-.5	-.5	-.5	-.5	-.3	-.3	-.4	-.5	-.5	-.4	-.4	-.3	-.3	-.4	-.5	-.4	-.4	-.5	-.5	-.6	23	-.3
25	-.5	AN	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.5	-.6	-.6	-.5	-.6	-.6	-.5	-.6	-.6	-.5	-.6	-.6	-.6	-.6	23	-.5
26	-.6	BF	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.5	-.5	23	-.4
27	-.5	BF	-.4	-.5	-.5	-.4	-.5	-.4	-.3	-.4	.0	-.3	-.4	-.3	-.4	-.3	.0	.2	-.1	-.4	-.5	-.4	-.5	-.4	23	.2
28	-.4	BF	-.4	-.5	-.5	-.5	-.3	-.2	-.1	-.4	-.5	-.5	-.4	-.4	-.4	-.4	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	23	-.1
29	-.4	BF	-.3	-.3	-.3	-.2	-.4	-.3	-.3	-.3	-.3	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.5	-.5	-.5	-.4	23	-.2
30	-.5	BF	-.3	-.4	-.4	-.5	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.5	-.4	-.4	-.4	-.5	-.4	-.5	-.4	-.4	23	-.3
31																									0	
NO.:	30		30	30	30	30	30	30	30	30	29	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	-.2		-.2	-.3	-.3	-.2	0.0	.4	0.0	0.0	0.0	0.0	0.0	0.0	.2	1.0	0.0	.4	.8	-.3	-.4	-.4	-.4	-.4		
AVG:	-.51		-.44	-.48	-.48	-.46	-.45	-.41	-.38	-.39	-.37	-.41	-.40	-.38	-.39	-.37	-.38	-.38	-.38	-.48	-.49	-.50	-.52	-.51		

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: -.43 MONTHLY MAX: 1.0

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

(42401) Sulfur dioxide

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

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

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

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

REPORT FOR: JULY 2017

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	-.5	-.4	-.4	-.3	-.3	-.3	-.3	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.4	23	-.3
2	-.4	BF	-.2	-.4	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.2	-.1	-.2	-.2	-.3	-.3	-.1	-.1	-.1	-.1	-.1	-.2	-.2	23	-.1
3	-.2	BF	.0	.0	-.1	-.1	.0	.0	.1	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.2	-.3	-.3	23	.1
4	-.2	BF	-.3	-.4	-.5	-.5	-.4	-.5	-.4	-.5	-.4	-.5	-.3	-.3	-.2	-.2	-.3	-.3	-.2	-.2	-.3	-.2	-.2	-.1	23	-.1
5	-.2	BF	-.2	-.2	-.1	-.2	-.3	-.2	-.1	-.2	-.2	-.2	-.2	.0	-.1	-.2	-.1	-.2	-.2	-.3	-.3	-.4	-.4	-.3	23	0.0
6	-.4	BF	-.3	-.3	-.4	-.3	-.2	BA	.0	.0	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	22	0.0
7	-.1	BF	-.1	-.2	-.1	-.1	-.1	-.2	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.2	-.2	-.2	-.3	-.3	-.4	-.3	-.4	-.4	23	-.1
8	-.4	BF	-.3	-.4	-.4	-.5	-.4	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.2	-.2	-.3	-.3	-.4	-.3	-.4	23	-.1
9	-.5	.5	-.3	-.4	-.4	-.5	-.4	-.3	-.4	-.2	-.1	-.2	-.3	-.3	-.1	.0	-.2	-.3	-.3	-.4	-.5	-.5	-.4	-.5	24	.5
10	-.4	BF	-.4	-.5	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.3	-.3	-.4	-.5	-.4	23	-.3
11	-.4	BF	-.4	-.4	-.3	-.2	-.4	-.3	-.3	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.4	-.3	-.4	-.4	-.4	-.5	-.5	-.5	23	-.2
12	-.4	BF	-.4	-.5	-.4	-.5	-.4	-.4	-.4	-.4	-.3	-.3	-.2	-.2	-.3	-.3	-.3	-.3	-.4	-.5	-.5	-.4	-.5	-.5	23	-.2
13	-.4	BF	-.4	-.4	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.6	-.5	-.5	-.5	-.5	23	-.3
14	-.6	BF	-.4	-.5	-.5	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.5	-.5	-.4	-.5	-.5	-.5	23	-.3
15	-.4	BF	-.4	-.5	-.5	-.5	-.4	-.3	-.3	-.4	-.4	-.4	-.5	-.4	-.3	-.4	-.4	-.3	-.4	-.4	-.5	-.5	-.5	-.4	23	-.3
16	-.4	AN	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.5	23	-.3
17	-.4	BF	-.5	-.6	-.6	-.6	-.6	-.5	-.5	-.6	-.5	-.5	-.4	-.5	-.4	-.4	-.4	-.3	-.3	-.2	-.2	-.2	-.1	-.1	23	-.1
18	-.2	BF	-.2	-.2	-.3	-.2	-.3	-.3	-.3	-.4	-.3	-.3	-.4	-.3	-.5	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	23	-.2
19	-.6	BF	-.3	-.4	-.4	-.5	-.4	-.5	-.3	-.3	-.3	-.3	-.4	-.2	-.2	-.4	-.3	-.3	-.4	-.2	-.4	-.3	-.3	-.4	23	-.2
20	-.3	BF	-.2	-.3	-.4	-.3	-.3	-.2	-.1	-.1	-.2	-.1	-.1	-.1	.0	.4	.7	.0	-.1	-.2	-.3	-.3	-.2	-.3	23	.7
21	-.2	BF	-.2	-.2	-.2	-.2	-.2	-.1	.0	.0	.0	-.1	.0	.0	-.1	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.3	-.2	23	0.0
22	-.1	BF	-.1	-.2	-.1	-.2	-.3	-.1	-.1	-.1	-.1	-.3	-.2	-.1	-.2	-.2	-.2	-.3	-.3	-.4	-.4	-.4	-.4	-.4	23	-.1
23	-.4	BF	-.4	-.4	-.5	-.5	-.4	-.4	-.3	-.4	-.4	-.3	-.4	-.3	-.3	-.4	-.4	-.4	-.5	-.3	-.4	-.5	-.5	-.4	23	-.3
24	-.5	BF	-.4	-.5	-.5	-.4	-.4	-.3	-.4	-.3	-.3	-.3	-.4	-.2	-.2	-.3	-.3	-.2	-.2	-.2	-.4	-.3	-.3	-.4	23	-.2
25	-.4	BF	-.2	-.3	-.4	-.3	-.3	-.1	-.1	-.2	-.3	-.3	-.2	-.2	.0	-.3	-.3	-.3	-.3	-.2	-.3	-.4	-.4	-.4	23	0.0
26	-.3	BF	-.3	-.3	-.3	-.2	-.3	-.3	-.2	-.2	-.3	-.3	-.2	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.2	-.3	-.2	-.3	23	-.2
27	-.3	BF	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.3	-.3	-.2	-.2	-.1	-.2	-.3	-.3	-.3	-.3	-.2	-.2	-.3	-.3	-.3	23	-.1
28	-.3	BF	-.2	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.3	-.4	-.5	-.4	-.5	-.4	-.4	-.4	-.5	-.5	-.5	-.4	-.5	23	-.2
29	-.5	BF	-.4	-.5	-.5	-.5	-.6	-.5	-.4	-.5	-.5	-.5	-.5	-.4	-.5	-.5	-.3	-.4	-.4	-.6	-.5	-.5	-.5	-.6	23	-.3
30	-.5	AN	-.5	-.6	-.5	-.5	-.5	-.5	-.4	-.4	-.4	-.5	-.5	-.5	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.4	-.4	-.5	23	-.4
31	-.5	BF	-.4	-.5	-.5	-.5	-.4	-.4	-.4	-.4	-.5	-.5	-.4	-.4	-.3	-.2	-.3	-.4	-.4	-.5	-.4	-.5	-.4	-.4	23	-.2
NO.:	31	1	31	31	31	31	31	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	-.1	.5	0.0	0.0	-.1	-.1	0.0	0.0	.1	0.0	0.0	0.0	0.0	0.0	0.0	.4	.7	0.0	0.0	0.0	0.0	-.1	-.1	-.1		
AVG:	-.36	.50	-.31	-.37	-.36	-.36	-.35	-.31	-.27	-.30	-.30	-.31	-.29	-.27	-.25	-.27	-.26	-.29	-.31	-.33	-.35	-.37	-.37	-.38		

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: -.32 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 2017

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	-.5	-.4	-.5	-.5	-.5	-.5	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	23	-.4
2	-.5	BF	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.6	-.5	23	-.4
3	-.5	BF	-.4	-.4	-.4	-.4	-.4	-.5	BA	-.4	-.4	-.5	-.5	-.5	-.5	-.6	-.6	-.5	-.6	-.6	-.6	-.6	-.5	-.5	22	-.4
4	-.4	BF	-.6	-.6	-.2	-.5	-.5	-.6	-.5	-.6	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.6	-.6	-.7	23	-.2
5	-.7	BF	-.5	-.6	-.6	-.7	-.6	-.6	-.6	-.6	-.7	-.7	-.7	-.6	-.7	-.6	-.6	-.5	-.6	-.6	-.6	-.6	-.6	-.6	23	-.5
6	-.6	AN	-.6	-.6	-.6	-.6	-.6	-.7	-.6	-.6	-.6	-.6	-.6	-.7	-.6	-.7	-.6	-.6	-.6	-.6	-.7	-.7	-.7	-.7	23	-.6
7	-.7	BF	-.7	-.7	-.7	-.6	-.7	-.7	-.6	-.7	-.7	-.7	-.7	-.6	-.7	-.7	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.7	23	-.6
8	-.6	BF	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.6	-.7	-.6	-.8	-.6	-.7	-.6	-.7	-.7	-.7	-.7	-.7	-.7	23	-.6
9	-.8	BF	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	23	-.6
10	-.7	BF	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.6	-.6	-.7	-.6	-.6	-.7	-.6	-.6	-.7	-.7	-.6	-.7	-.7	-.7	23	-.6
11	-.7	BF	-.6	-.7	-.6	-.6	-.6	-.7	-.3	-.1	-.4	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.5	-.6	-.7	-.6	-.7	-.6	23	-.1
12	-.7	BF	-.5	-.6	-.7	-.7	-.6	-.6	-.6	-.5	-.3	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.7	-.7	-.6	-.7	-.7	-.7	23	-.3
13	-.7	AN	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.6	-.6	-.7	-.7	-.6	-.6	-.6	-.6	23	-.6
14	-.7	BF	-.6	-.7	-.6	-.6	-.5	-.6	-.7	-.6	-.6	-.6	-.6	-.5	-.6	-.6	-.2	-.2	-.4	-.6	-.6	-.7	-.6	-.6	23	-.2
15	-.7	BF	-.5	-.6	-.6	-.5	-.6	-.7	-.7	-.6	-.6	-.6	-.6	-.5	-.3	-.2	-.3	-.5	-.6	-.6	-.6	-.6	-.6	-.6	23	-.2
16	-.6	BF	-.5	-.6	-.5	-.5	-.5	.1	.0	-.5	-.5	-.5	-.4	-.4	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.5	-.5	-.5	23	.1
17	-.5	BF	-.5	-.6	-.6	-.6	-.6	-.7	-.6	-.6	-.6	-.6	-.7	-.6	-.6	-.6	-.7	-.7	-.6	-.7	-.6	-.6	-.7	-.6	23	-.5
18	-.6	BF	-.5	-.6	-.7	-.6	-.6	-.6	-.6	-.5	-.6	-.6	-.6	-.6	-.5	-.5	-.5	-.4	-.5	-.6	-.7	-.6	-.7	-.7	23	-.4
19	-.7	BF	-.6	-.6	-.7	-.6	-.7	-.6	-.4	-.5	-.5	-.5	-.6	-.6	-.6	-.5	-.6	-.6	-.6	-.6	-.6	-.5	-.5	-.4	23	-.4
20	-.5	AN	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.3	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	23	-.3
21	-.3	BF	-.2	-.2	-.3	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.6	-.6	-.5	-.5	-.5	-.5	-.4	-.6	-.5	-.5	-.4	-.5	23	-.2
22	-.4	BF	-.3	-.4	-.3	-.4	-.3	-.2	-.2	-.3	-.4	-.4	-.3	-.2	-.3	-.4	-.3	-.4	-.6	-.6	-.6	-.6	-.6	-.6	23	-.2
23	-.6	BF	-.4	-.5	-.5	-.5	-.4	-.4	-.2	-.3	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.5	-.6	-.6	23	-.2
24	-.6	BF	-.5	-.5	-.6	-.5	-.6	-.6	-.7	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.6	-.6	-.5	-.6	23	-.5
25	-.5	-.7	BF	-.6	-.7	-.6	-.6	-.7	-.6	-.6	-.5	-.6	-.6	-.6	-.6	-.6	-.7	-.6	-.6	-.6	-.6	-.6	-.7	-.6	23	-.5
26	-.6	-.5	BF	-.5	-.4	-.5	-.4	-.3	-.3	-.5	-.4	-.2	-.3	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.5	-.4	23	-.2
27	-.4	-.5	BF	-.4	-.5	-.5	-.5	-.4	-.3	-.4	-.4	-.4	-.3	-.4	-.4	-.3	-.3	-.4	-.4	-.4	-.4	-.5	-.4	-.4	23	-.3
28	-.5	-.4	BF	-.5	-.6	-.5	-.5	-.5	-.4	-.4	-.5	-.5	-.5	-.5	-.6	-.5	-.5	-.6	-.5	-.5	-.5	-.4	-.4	-.6	23	-.4
29	-.5	-.6	BF	-.5	-.5	-.5	-.4	BA	-.3	-.4	-.2	-.3	-.3	-.2	-.3	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.2	22	0.0
30	-.2	-.2	BF	-.1	-.1	-.2	-.1	-.1	-.2	-.2	.0	.1	-.1	-.1	-.3	-.2	-.1	.0	-.3	-.3	-.4	-.5	-.4	-.4	23	.1
31	-.5	-.5	BF	-.4	-.5	-.4	-.4	-.5	-.4	-.3	-.3	-.3	-.4	-.3	-.3	-.3	-.4	-.5	-.4	-.5	-.4	-.4	-.4	-.4	23	-.3
NO.:	31	7	24	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	-.2	-.2	-.2	-.1	-.1	-.2	-.1	.1	0.0	-.1	0.0	.1	-.1	-.1	-.3	0.0	-.1	0.0	-.1	-.1	-.1	-.1	-.1	-.2		
AVG:	-.56	-.49	-.51	-.54	-.53	-.54	-.52	-.53	-.48	-.50	-.49	-.50	-.52	-.51	-.52	-.50	-.49	-.50	-.54	-.56	-.55	-.56	-.55	-.56		

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: -.52 MONTHLY MAX: .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: 37-129-0006 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 2017

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	-.4	BF	-.2	-.2	-.3	-.4	-.3	-.3	-.3	-.2	-.3	-.3	-.3	-.4	-.5	-.3	-.5	-.5	-.5	-.5	-.6	-.5	-.6	23	-.2
2	-.6	-.7	BF	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.5	-.3	-.2	-.6	-.6	-.6	-.6	-.7	-.7	-.6	-.7	-.6	-.7	23	-.2
3	-.7	-.6	BF	-.7	-.7	-.7	-.7	-.7	-.6	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.6	-.6	-.6	-.6	-.6	23	-.5
4	-.6	-.6	BF	-.6	-.5	-.5	-.5	-.5	-.5	-.2	-.4	-.4	-.3	-.3	-.1	-.1	-.4	-.5	-.4	-.3	-.3	-.4	-.6	-.6	23	-.1
5	-.6	-.6	BF	-.5	-.6	-.5	-.6	-.7	-.6	-.7	-.6	-.6	-.6	-.5	-.6	-.6	-.7	-.6	-.6	-.6	-.7	-.7	-.6	-.6	23	-.5
6	-.7	-.6	BF	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.5	-.7	-.7	-.6	-.6	-.6	-.6	-.6	-.6	23	-.5
7	-.6	-.6	BF	-.5	-.5	-.5	-.6	-.4	-.3	-.2	-.3	.0	-.3	-.4	-.5	-.5	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.5	23	0.0
8	-.4	-.5	BF	-.4	-.5	-.4	-.4	-.4	-.4	-.2	-.3	-.2	-.3	-.3	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.4	23	-.2
9	-.5	-.5	BF	-.4	-.5	-.4	-.4	-.3	-.1	-.1	-.3	-.2	-.2	-.2	-.3	-.3	-.3	-.2	-.3	-.4	-.4	-.4	-.5	-.5	23	-.1
10	-.5	-.4	BF	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.3	-.4	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.5	23	-.3
11	-.5	-.5	BF	-.4	-.5	-.5	-.5	-.6	-.5	-.5	-.5	-.6	-.6	-.6	-.5	-.6	-.6	-.6	-.6	-.7	-.6	-.7	-.6	-.7	23	-.4
12	-.6	-.7	BF	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.7	-.7	-.7	-.6	-.6	23	-.6
13	-.6	-.7	BF	-.6	-.7	-.6	-.6	-.5	-.5	-.5	-.5	-.2	-.6	-.6	-.6	-.1	-.5	-.7	-.7	-.7	-.7	-.7	-.7	-.6	23	-.1
14	-.6	-.7	BF	-.5	-.5	-.6	-.5	-.6	-.7	-.6	-.6	-.6	-.7	-.7	-.7	-.7	-.6	-.6	-.6	-.7	-.7	-.6	-.7	-.7	23	-.5
15	-.7	-.7	BF	-.6	-.6	-.6	-.7	-.6	-.4	-.1	-.2	-.4	-.6	-.5	-.5	-.5	-.5	-.6	-.6	-.7	-.7	-.7	-.7	-.5	23	-.1
16	-.1	-.4	BF	-.6	-.6	-.6	-.7	-.7	-.6	-.5	-.6	-.6	-.4	-.4	-.5	-.6	-.6	-.7	-.6	-.6	-.6	-.7	-.7	-.7	23	-.1
17	-.7	-.7	BF	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.6	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	23	-.6
18	-.7	-.7	BF	-.6	-.7	-.6	-.7	-.6	-.7	-.7	-.7	-.7	-.6	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.5	-.5	-.6	23	-.5
19	-.5	-.6	BF	-.5	-.6	-.6	-.6	-.5	-.2	-.5	-.5	-.6	-.6	-.6	-.5	-.6	-.6	-.5	-.6	-.7	-.6	-.6	-.7	-.6	23	-.2
20	-.6	-.6	BF	-.6	-.6	-.5	-.5	-.5	-.5	-.5	-.4	-.4	-.3	-.3	-.4	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.7	-.7	23	-.3
21	-.8	-.7	BF	-.6	-.6	-.6	-.6	-.6	-.5	-.3	-.4	-.5	-.5	-.6	-.6	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.6	-.6	23	-.3
22	-.7	-.6	BF	-.5	-.6	-.7	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.5	-.5	-.6	-.6	-.6	-.7	-.6	-.7	-.6	-.7	-.6	23	-.5
23	-.6	-.6	BF	-.5	-.6	-.7	-.6	-.6	-.7	-.3	-.5	-.6	-.6	-.6	-.6	-.5	-.4	-.6	-.6	-.6	-.6	-.6	-.7	-.7	23	-.3
24	-.7	-.7	BF	-.6	-.7	-.6	-.6	-.7	-.7	-.6	-.6	-.6	-.6	-.6	-.6	-.5	-.5	-.6	-.7	-.6	-.7	-.7	-.6	-.5	23	-.5
25	-.5	-.6	BF	-.6	-.7	-.7	-.6	-.6	-.7	BA	-.6	-.6	-.6	-.6	-.7	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.7	-.6	22	-.5
26	-.7	-.7	BF	-.6	-.7	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.5	-.6	-.4	1.0	1.7	.9	-.3	-.5	-.3	-.2	-.4	23	1.7
27	-.5	-.5	BF	-.6	-.7	-.6	-.6	-.6	-.5	-.5	-.6	-.6	-.6	-.5	-.5	-.5	-.1	-.6	-.7	-.7	-.7	-.7	-.6	-.6	23	-.1
28	-.6	-.7	BF	-.6	-.6	-.5	-.5	-.5	.0	.4	.2	-.3	-.4	-.4	.1	.6	.0	-.4	-.6	-.7	-.6	-.7	-.6	-.6	23	.6
29	-.6	-.6	BF	-.6	-.6	-.6	-.6	-.6	-.5	-.5	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.5	23	-.4
30	-.5	-.5	BF	-.6	-.6	-.6	-.7	-.6	-.5	-.3	-.2	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.5	-.5	-.5	-.4	-.5	-.5	23	-.2
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:	-.1	-.4		-.2	-.2	-.3	-.4	-.3	0.0	.4	.2	0.0	-.2	-.2	.1	.6	1.0	1.7	.9	-.3	-.3	-.3	-.2	-.4		
AVG:	-.58	-.60		-.54	-.59	-.57	-.58	-.56	-.51	-.43	-.46	-.48	-.49	-.48	-.49	-.47	-.44	-.48	-.53	-.59	-.59	-.59	-.59	-.59		

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: -.53 MONTHLY MAX: 1.7

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

(42401) Sulfur dioxide

SITE ID: 37-129-0006 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 2017

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	BF	-.5	-.5	-.6	-.5	-.5	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.5	-.5	-.5	-.4	23	-.4
2	-.4	-.4	BF	-.5	-.5	-.4	-.5	-.4	-.2	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.5	-.4	-.5	-.5	-.4	-.4	-.4	-.4	23	-.2
3	-.4	-.4	BF	-.3	-.3	-.3	-.4	-.4	-.1	-.1	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.4	-.3	-.3	-.4	-.4	-.4	-.3	23	-.1
4	-.3	-.4	BF	-.4	-.4	-.4	-.4	-.2	BC	BC	BC	-.3	-.3	-.3	-.4	-.4	-.5	-.4	-.4	-.5	-.5	-.5	-.5	-.5	20	-.2
5	-.4	-.4	BF	-.4	-.4	-.5	-.5	-.4	-.4	-.3	-.2	-.4	-.5	-.5	-.5	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	23	-.2
6	-.5	-.5	BF	-.4	-.5	-.5	-.4	-.4	-.5	-.4	-.4	-.4	-.5	-.5	-.5	-.4	-.5	-.5	-.4	-.5	-.5	-.6	-.6	-.6	23	-.4
7	-.6	-.6	BF	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.6	-.6	-.6	-.6	-.6	-.7	-.7	-.7	-.7	-.7	-.7	23	-.5
8	-.7	-.7	BF	-.6	-.7	-.7	-.6	-.7	-.7	-.7	-.6	-.7	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	23	-.6
9	-.8	-.7	BF	-.7	-.7	-.7	-.6	-.4	-.2	-.5	-.6	-.6	-.6	-.6	-.7	-.7	-.7	-.7	-.6	-.6	-.7	-.6	-.3	-.3	23	-.2
10	-.5	-.7	BF	-.5	-.6	-.7	-.6	-.6	-.6	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	23	-.5
11	-.7	-.7	BF	-.6	-.6	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.8	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	23	-.6
12	-.7	-.7	BF	-.6	-.7	-.6	-.6	AI	-.6	-.7	-.6	-.5	-.6	-.7	-.6	-.5	-.5	-.6	-.6	-.6	-.7	-.7	-.7	-.7	22	-.5
13	-.7	-.7	BF	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.6	-.7	-.7	-.7	-.6	-.4	-.6	-.6	-.6	-.6	-.6	-.6	23	-.4
14	-.6	-.6	BF	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.5	-.5	-.5	-.5	-.6	-.5	-.5	-.5	-.5	-.5	-.6	-.5	-.6	-.6	23	-.5
15	-.5	-.6	BF	-.5	-.6	-.6	-.6	-.6	-.6	-.5	-.5	-.4	-.5	-.5	-.5	-.5	-.4	-.5	-.3	-.5	-.6	-.6	-.6	-.7	23	-.3
16	-.6	-.6	BF	-.6	-.6	-.6	-.6	-.6	-.5	-.5	-.4	-.4	-.4	-.5	-.6	-.6	-.6	-.7	-.6	-.6	-.6	-.6	-.6	-.6	23	-.4
17	-.5	-.5	BF	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.5	-.5	-.5	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.5	23	-.4
18	-.5	-.5	BF	-.5	-.5	-.5	-.5	-.5	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.5	-.4	-.4	-.5	-.5	23	-.3
19	-.5	-.4	BF	-.4	-.5	-.5	-.4	-.5	-.4	-.3	-.3	-.3	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.4	23	-.3
20	-.4	-.4	BF	-.3	-.4	-.2	-.2	-.2	-.4	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.4	-.4	-.4	-.5	-.4	-.4	-.4	23	-.2
21	-.4	-.4	BF	-.3	-.4	-.3	-.3	-.4	-.4	-.3	-.1	-.1	-.3	-.3	-.3	-.3	-.3	-.4	-.5	-.5	-.5	-.5	-.5	-.5	23	-.1
22	-.5	-.5	BF	-.4	-.5	-.5	-.5	-.5	-.5	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.6	-.5	-.5	23	-.4
23	-.5	-.5	BF	-.4	-.5	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.5	-.6	-.5	-.6	-.6	23	-.4
24	-.6	-.6	BF	-.5	-.6	-.5	-.5	-.6	-.5	-.5	-.3	-.5	-.5	-.6	-.5	-.5	-.4	-.5	-.5	-.5	-.5	-.6	-.6	-.6	23	-.3
25	-.5	-.6	BF	-.5	-.5	-.5	-.5	-.4	-.1	-.3	-.3	-.4	-.3	-.2	-.3	-.4	-.4	-.5	-.4	-.5	-.5	-.5	-.5	-.5	23	-.1
26	-.6	-.5	BF	-.5	-.4	-.4	-.4	-.4	.0	-.2	-.3	-.4	-.3	-.3	-.3	-.3	-.1	-.3	-.4	-.4	-.4	-.4	-.3	-.3	23	0.0
27	-.4	-.4	BF	-.1	-.1	-.1	.1	.0	-.3	-.2	-.1	-.1	-.2	-.2	.1	.0	.0	-.1	-.4	-.3	-.3	-.4	-.4	-.4	23	.1
28	-.4	-.4	BF	-.4	-.5	-.5	-.4	-.5	-.4	-.3	-.3	-.4	-.4	-.4	-.5	-.4	-.4	-.5	-.4	-.5	-.5	-.5	-.5	-.5	23	-.3
29	-.6	-.5	BF	-.6	-.6	-.6	-.7	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.5	-.5	-.5	-.6	-.6	-.6	-.5	-.4	23	-.4
30	-.5	-.5	BF	-.5	-.5	AE	AE	AE	BA	BA	-.3	-.2	.0	.0	-.2	-.2	-.1	-.4	-.3	-.3	-.4	-.3	-.4	-.4	18	0.0
31	-.4	-.4	BF	-.3	-.3	-.3	-.2	-.3	-.3	-.1	.0	.1	.1	.2	.2	.3	.8	-.1	-.2	-.2	-.3	-.2	.0	.0	23	.8
NO.:	31	31		31	31	30	30	29	29	29	30	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	-.3	-.4		-.1	-.1	-.1	.1	0.0	0.0	-.1	0.0	.1	.1	.2	.2	.3	.8	-.1	-.2	-.2	-.3	-.2	0.0	0.0		
AVG:	-.52	-.53		-.47	-.50	-.50	-.48	-.47	-.44	-.42	-.40	-.42	-.43	-.44	-.44	-.43	-.40	-.47	-.48	-.50	-.53	-.52	-.51	-.50		

MONTHLY OBSERVATIONS: 704 MONTHLY MEAN: -.47 MONTHLY MAX: .8

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

(42401) Sulfur dioxide

SITE ID: 37-129-0006 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 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	-.2	-.2	BF	.0	-.2	-.1	-.3	-.1	-.3	.5	.6	.2	.0	-.1	-.1	-.2	-.2	-.3	-.3	-.4	-.4	-.4	-.4	-.4	23	.6
2	-.3	-.4	BF	-.3	-.4	-.4	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.2	-.4	-.3	-.3	-.4	-.3	-.3	-.2	-.1	-.2	-.1	23	-.1
3	-.2	-.3	BF	-.1	-.1	-.2	-.2	-.1	-.3	-.2	.0	.0	.0	.0	-.1	-.1	-.3	-.3	-.3	-.3	-.3	-.2	-.1	-.2	23	0.0
4	-.2	-.1	BF	-.1	-.1	.0	-.2	-.2	-.2	-.1	.1	.0	-.1	-.1	-.2	-.3	-.2	-.3	-.3	-.3	-.4	-.3	-.3	-.2	23	.1
5	-.3	-.3	BF	-.2	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.3	-.3	-.2	-.2	-.3	-.4	-.4	-.5	-.5	-.5	-.5	-.5	23	-.2
6	-.5	-.5	BF	-.5	-.5	-.5	-.5	-.5	-.6	-.5	-.4	-.4	-.4	-.5	-.5	-.4	-.3	-.4	-.5	-.6	-.6	-.4	-.5	-.4	23	-.3
7	-.4	-.4	BF	-.3	-.4	-.3	-.2	-.3	-.4	-.4	-.2	.1	.0	-.1	-.1	-.3	-.2	-.3	-.4	-.5	-.6	-.5	-.6	-.6	23	.1
8	-.5	-.5	BF	-.6	-.6	-.6	-.5	-.6	-.5	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	23	-.5
9	-.5	-.4	BF	-.4	-.5	-.4	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.4	-.3	-.3	-.4	-.4	-.4	-.3	23	-.3
10	-.3	-.3	BF	-.2	-.1	-.2	-.3	-.3	-.1	-.1	-.1	-.1	-.2	-.2	-.3	-.1	-.2	-.3	-.3	-.3	-.3	-.2	-.3	-.3	23	-.1
11	-.1	-.1	BF	-.3	-.3	-.2	-.2	-.1	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.1	-.2	-.2	-.2	-.3	23	-.1
12	-.3	-.2	BF	-.2	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.3	-.3	-.4	-.4	-.3	-.3	-.3	-.3	-.3	23	-.2
13	-.4	-.4	BF	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	23	-.3
14	-.4	-.4	BF	-.4	-.4	-.5	-.4	-.4	-.4	-.3	-.4	-.4	-.3	-.3	-.4	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	23	-.3
15	-.4	-.4	BF	-.3	-.4	-.4	-.3	-.3	-.3	-.3	-.2	-.3	-.2	-.2	-.2	-.3	-.3	-.3	-.4	-.1	-.3	-.4	-.3	-.3	23	-.1
16	-.3	-.4	BF	-.3	-.3	-.3	-.3	-.2	-.3	.0	.0	.0	-.1	-.2	-.3	-.2	-.1	-.2	-.3	-.2	-.2	-.2	-.3	-.3	23	0.0
17	-.3	-.4	BF	-.3	-.3	-.4	-.4	-.3	-.3	-.2	-.2	-.2	-.2	-.1	-.2	-.1	-.2	-.2	-.2	-.3	.0	-.1	-.1	.0	23	0.0
18	-.2	-.2	BF	-.2	-.2	-.2	-.3	-.2	-.3	-.2	-.1	.1	-.1	-.1	.0	-.1	-.1	-.2	-.3	-.4	-.4	-.4	-.4	-.4	23	.1
19	-.4	-.3	BF	-.3	-.4	-.4	-.4	-.5	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.2	23	-.2
20	-.3	-.4	BF	-.3	-.3	-.3	-.2	.0	.3	-.1	-.1	.0	-.1	-.2	-.2	-.2	-.2	.0	-.1	-.3	-.2	-.2	-.1	.0	23	.3
21	-.1	.0	BF	-.2	-.3	-.2	-.2	-.3	-.3	-.3	-.2	-.1	-.1	-.2	-.2	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	23	0.0
22	-.5	-.4	BF	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.2	-.2	-.2	.0	-.1	-.3	-.2	-.3	-.3	-.4	-.4	-.4	23	0.0
23	-.3	-.4	BF	-.3	-.3	-.3	-.4	-.3	-.2	-.2	-.3	-.3	-.3	-.3	-.2	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.4	23	-.2
24	-.3	-.4	BF	-.3	-.3	-.4	-.4	-.3	-.3	-.3	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.4	-.3	23	-.2
25	-.3	-.3	BF	-.3	-.4	-.3	-.3	-.4	-.3	.6	1.3	.0	-.1	-.1	.0	.0	.0	-.2	-.4	-.3	-.4	-.3	-.3	-.4	23	1.3
26	-.4	-.4	BF	-.3	-.4	-.3	-.3	-.4	-.2	.0	.0	.0	.0	.0	.0	.0	.4	-.1	-.3	-.3	-.2	-.2	-.3	-.3	23	.4
27	-.3	-.3	BF	-.3	-.2	-.2	-.1	-.1	-.3	-.2	BA	.4	.1	-.1	.2	.0	.0	.0	-.3	-.1	-.1	-.1	-.1	-.1	22	.4
28	-.1	-.2	BF	-.1	-.1	.0	.0	-.2	-.3	-.1	.0	.0	.0	-.1	-.1	-.1	-.2	-.2	-.3	-.1	-.1	-.1	-.2	-.2	23	0.0
29	-.2	-.2	BF	.0	-.1	-.2	-.1	.0	.0	-.1	1.3	1.6	.0	.3	.1	.0	.0	.0	-.1	-.2	-.2	-.3	-.2	-.1	23	1.6
30	-.1	-.1	BF	-.1	.0	.0	.1	.0	-.1	-.2	-.1	.2	.1	.0	.0	-.1	-.2	-.3	-.2	.0	-.1	-.2	-.2	-.2	23	.2
31																									0	
NO.:	30	30		30	30	30	30	30	30	30	29	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	-.1	0.0		0.0	0.0	0.0	.1	0.0	.3	.6	1.3	1.6	.1	.3	.2	0.0	.4	0.0	-.1	0.0	0.0	-.1	-.1	0.0		
AVG:	-.30	-.31		-.27	-.30	-.29	-.29	-.28	-.28	-.19	-.07	-.09	-.17	-.18	-.19	-.21	-.21	-.28	-.31	-.30	-.31	-.31	-.31	-.30		

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: -.25 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: DECEMBER 2017

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	BF	-.2	-.2	-.1	-.1	-.1	-.2	-.3	.1	.0	.2	.0	.0	.0	-.1	-.3	-.3	-.3	-.2	-.3	-.3	-.3	23	.2
2	-.3	-.4	BF	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	23	-.2
3	-.3	-.2	BF	-.2	-.2	-.3	-.3	-.2	-.1	.1	.1	.3	.0	.0	-.2	-.3	-.2	-.2	-.3	-.3	-.2	-.3	-.3	-.3	23	.3
4	-.3	-.3	BF	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.1	.0	-.1	-.2	-.2	-.2	-.4	-.3	-.3	-.4	-.3	-.3	-.3	23	0.0
5	-.3	-.4	BF	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	23	-.3
6	-.4	-.4	BF	-.5	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.5	-.4	23	-.3
7	-.4	-.3	BF	-.4	-.3	-.4	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.4	23	-.2
8	-.4	-.3	BF	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.4	23	-.3
9	-.4	-.4	BF	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.3	-.3	-.4	-.4	-.3	-.3	-.3	-.3	23	-.3
10	-.4	-.3	BF	-.3	-.4	-.3	-.3	-.3	-.2	-.1	-.2	-.2	-.2	-.2	-.2	.0	-.1	-.3	-.2	-.3	-.3	-.2	-.3	-.3	23	0.0
11	-.3	-.3	BF	-.3	-.3	-.3	-.2	-.2	-.2	.0	.6	.6	.6	.4	.1	.0	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.2	23	.6
12	-.2	-.2	BF	-.2	-.2	-.2	-.2	-.2	-.1	.2	.4	.4	.3	.3	.2	.3	.1	.0	.0	-.2	-.3	-.2	-.3	-.3	23	.4
13	-.3	-.3	BF	-.2	-.2	-.2	-.2	.0	-.1	-.2	-.1	.0	-.1	.0	.0	.0	.0	.0	.0	-.1	-.2	-.2	-.2	-.2	23	0.0
14	-.2	-.1	BF	.0	.0	.0	.0	.1	.2	.2	.2	.1	.1	.0	.1	.1	.0	.0	.0	.0	.0	-.1	-.1	-.1	23	.2
15	-.2	-.2	BF	-.1	-.1	-.1	.0	.0	.0	.1	-.1	.0	.2	.4	.3	.3	.1	.0	.0	.0	.0	.0	.2	.1	23	.4
16	-.1	-.1	BF	-.1	-.2	-.2	-.2	-.1	-.1	.4	.0	.3	.0	.1	.8	.0	.0	.0	-.1	-.1	-.1	-.1	-.2	-.2	23	.8
17	-.2	-.2	BF	-.1	-.1	.0	-.1	.0	-.1	-.1	.4	.7	.3	.4	1.0	.9	.3	.0	.0	.0	-.1	-.1	-.1	-.1	23	1.0
18	-.1	-.1	BF	-.1	-.1	.0	.0	-.2	-.1	.2	.3	BA	.3	.1	.0	.0	-.1	-.2	-.2	-.2	-.3	-.2	-.3	-.3	22	.3
19	-.3	-.4	BF	-.3	-.3	-.2	-.2	-.1	AZ	AZ	AZ	AZ	AZ	-.1	-.2	-.2	-.1	-.2	-.3	-.3	-.4	-.4	-.3	-.3	18	-.1
20	-.2	-.3	BF	-.3	-.3	-.2	-.3	-.3	-.2	-.1	-.1	-.1	-.2	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	23	-.1
21	-.4	-.4	BF	-.4	-.4	-.4	-.4	-.4	-.3	-.2	-.1	-.1	.0	.0	.0	.0	-.1	-.3	-.2	-.3	-.2	-.2	-.1	-.1	23	0.0
22	-.2	-.2	BF	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	23	-.2
23	-.3	-.3	BF	-.3	-.3	-.3	-.3	-.1	-.2	-.3	-.3	-.3	-.3	-.2	-.2	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	23	-.1
24	-.4	-.4	BF	-.4	-.5	-.4	-.4	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.5	-.4	-.5	23	-.4
25	-.4	-.4	BF	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.2	-.3	-.2	-.3	.0	.0	1.0	.2	-.2	-.2	-.3	-.2	-.2	-.2	23	1.0
26	-.2	-.3	BF	-.2	-.2	-.2	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	.0	.0	.0	23	0.0
27	.0	.0	BF	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	23	0.0
28	-.3	-.2	BF	-.2	-.3	-.2	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
29	.0	.0	BF	.0	.3	.1	.0	.1	.1	.1	.1	.1	.2	.2	.0	.0	.0	.1	.0	.0	.0	-.1	-.1	-.1	23	.3
30	-.1	-.1	BF	.0	-.1	-.1	.0	.0	.3	1.5	.3	.6	.3	.2	.1	.0	.0	.1	.0	.0	-.1	-.1	-.2	-.2	23	1.5
31	-.1	-.1	BF	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.1	.1	.1	.1	.2	.1	.0	.0	.0	.1	.1	23	.2
NO.:	31	31		31	31	31	31	31	30	30	30	29	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:	0.0	0.0		0.0	.3	.1	0.0	.1	.3	1.5	.6	.7	.6	.4	1.0	.9	1.0	.2	.1	0.0	0.0	0.0	.2	.1		
AVG:	-.26	-.25		-.23	-.24	-.22	-.21	-.19	-.16	-.07	-.06	-.03	-.04	-.07	-.05	-.08	-.10	-.17	-.20	-.22	-.23	-.23	-.23	-.24		

MONTHLY OBSERVATIONS: 707 MONTHLY MEAN: -.17 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: 37-145-0004 POC: 1
COUNTY: (145) Person
CITY: (00000) Not in a city
SITE ADDRESS: 921 Shore Road, Semora, NC 27343
SITE COMMENTS:
MONITOR COMMENTS: STARTED TO REPORT DATA ON 20161231

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

CAS NUMBER: 7446-09-5
LATITUDE: 36.4900200608
LONGITUDE: -79.058271729
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 500
PROBE HEIGHT: 3.6

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

REPORT FOR: JANUARY 2017

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	.1	.8	.0	.0	.0	.7	4.5	1.5	1.8	.6	3.1	.0	.8	.1	.0	.0	.1	.0	BF	.0	23	4.5
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.4	2.8	1.7	.0	.2	BF	.0	23	2.8
4	.2	.2	.0	.2	.0	.1	.0	.3	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	1.3
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.7	2.0	1.6	2.2	1.8	.5	BF	.0	23	4.7
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.1	23	.1
7	.1	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.3	.7	.7	1.0	1.3	.8	BF	.5	23	1.3
8	.1	.0	.5	.6	.7	.6	.5	.4	.4	.6	.3	.1	.0	.0	.1	.1	.1	.1	.0	.3	.2	.1	BF	.3	23	.7
9	.1	.1	.1	.1	.1	.0	.0	.0	.1	.2	.7	.5	.2	.2	.2	.3	.2	.3	.3	.2	.2	.1	BF	.4	23	.7
10	.2	.2	.3	.2	.1	.1	.1	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	BF	.8	23	.8
11	.4	.3	.2	.2	.1	.2	.2	.2	.3	.5	.4	.7	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	BF	.0	23	.7
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BA	3.3	2.5	2.7	2.9	4.6	3.5	2.2	3.6	4.2	3.6	2.7	BF	3.0	22	4.6
13	3.2	3.2	2.1	4.3	3.0	3.4	3.4	2.7	3.3	2.7	4.5	3.3	3.6	3.8	3.8	3.4	2.7	3.3	4.1	2.8	3.0	3.0	BF	3.7	23	4.5
14	3.1	3.0	3.7	3.6	3.6	2.5	3.1	3.4	2.8	3.0	3.2	2.8	4.2	3.4	3.6	3.8	3.3	3.5	3.3	3.4	3.2	3.0	BF	3.2	23	4.2
15	4.3	3.6	2.5	3.4	3.4	3.2	3.0	3.7	3.3	3.4	3.8	3.7	3.7	2.8	3.1	3.3	3.1	2.8	2.4	3.4	2.7	3.3	BF	3.3	23	4.3
16	3.0	2.5	3.1	2.5	3.3	3.0	3.4	3.1	2.9	2.8	3.1	2.8	3.0	2.7	3.1	3.1	3.2	3.1	3.6	3.0	3.3	3.1	BF	3.6	23	3.6
17	2.8	3.2	2.4	3.4	2.9	2.9	3.3	3.1	3.3	3.2	3.5	3.0	3.6	4.0	3.2	3.5	3.3	2.9	3.3	3.0	3.7	3.1	BF	3.4	23	4.0
18	3.2	3.0	3.5	3.3	3.7	4.2	3.1	2.9	3.6	2.8	3.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	4.2
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	1.9	.9	.4	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	3.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	4.7	.4	.0	.0	.0	.0	BF	.0	23	4.7
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.1
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.1
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	1.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	2.0
27	.3	.0	.0	.7	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.7
28	.0	.0	.4	.0	.0	.1	.5	.0	.0	1.0	11.4	4.1	.6	1.7	1.8	2.7	2.5	.8	.0	.0	.0	.0	BF	.0	23	11.4
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.5	.0	1.6	6.3	3.2	1.3	2.3	1.9	.8	.0	.0	.0	BF	.0	23	6.3
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	BF	.0	23	.3
NO.:	31	31	31	31	31	31	31	31	31	31	30	31	31	31	31	31	31	31	31	31	31	31		31		
MAX:	4.3	3.6	3.7	4.3	3.7	4.2	3.4	3.7	3.6	3.4	11.4	4.1	4.2	6.3	3.8	4.6	4.7	3.5	4.1	4.2	3.7	3.3		3.7		
AVG:	.68	.62	.61	.73	.69	.69	.67	.65	.70	.77	1.47	.92	.84	.93	.91	.95	1.14	.79	.86	.82	.75	.65		.72		

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .81 MONTHLY MAX: 11.4

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5

SITE ID: 37-145-0004 POC: 1
COUNTY: (145) Person
CITY: (00000) Not in a city
SITE ADDRESS: 921 Shore Road, Semora, NC 27343
SITE COMMENTS:
MONITOR COMMENTS: STARTED TO REPORT DATA ON 20161231

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

LATITUDE: 36.4900200608
LONGITUDE: -79.058271729
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 500
PROBE HEIGHT: 3.6

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

REPORT FOR: FEBRUARY 2017

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	.8	2.0	.3	.5	.7	.2	.0	.0	.0	.0	.0	.0	BF	.0	23	2.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
3	.0	.0	.0	.0	.0	.3	.4	.1	.1	.2	.3	.7	1.3	1.6	.8	.6	.3	.0	.1	.3	.0	.1	BF	.1	23	1.6
4	.1	.0	.0	.1	.1	.2	.4	.4	.3	.1	.0	.0	.0	1.2	3.3	3.5	1.6	.0	.0	.0	.0	.1	BF	.1	23	3.5
5	.1	.0	.0	.0	.0	.1	.6	.0	.0	.1	.5	.6	.9	1.6	.8	1.3	.5	.6	.0	.0	.1	.0	BF	.0	23	1.6
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.7	.4	1.0	.4	.5	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	1.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	2.6	.1	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	2.6
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.1
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BA	.0	.1	.1	.0	.0	.0	.0	.0	.0	BF	.0	22	.1
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0	BF	.0	23	.1
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	BF	.0	23	.2
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
16	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	BF	.0	23	.7
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	1.6	1.0	.8	.8	1.0	.1	.2	.0	.0	.0	.0	BF	.0	23	2.2
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	BF	.0	23	.1
19	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.1
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.0	.1	.0	.0	.0	.0	BF	.0	23	.4
21	.0	.0	.4	2.2	.0	.0	.0	.0	.0	.1	1.3	.2	.8	.8	.1	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	2.2
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	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	BF	.0	23	0.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	BF	.0	23	.3
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
29																									0	
30																									0	
31																									0	
NO.:	28	28	28	28	28	28	28	28	28	28	28	28	27	28	28	28	28	28	28	28	28	28		28		
MAX:	.1	0.0	.4	2.2	.1	.3	.6	.4	.3	.6	2.6	2.0	2.5	1.6	3.3	3.5	1.6	.6	.1	.3	.3	.7		.1		
AVG:	.01	0.00	.01	.08	0.00	.02	.06	.02	.02	.05	.31	.21	.29	.25	.26	.26	.10	.04	.01	.01	.02	.03		.01		

MONTHLY OBSERVATIONS: 643 MONTHLY MEAN: .09 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: 37-145-0004 POC: 1
COUNTY: (145) Person
CITY: (00000) Not in a city
SITE ADDRESS: 921 Shore Road, Semora, NC 27343
SITE COMMENTS:
MONITOR COMMENTS: STARTED TO REPORT DATA ON 20161231

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

CAS NUMBER: 7446-09-5
LATITUDE: 36.4900200608
LONGITUDE: -79.058271729
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 500
PROBE HEIGHT: 3.6

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

REPORT FOR: MARCH 2017

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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.4	.6	.4	.2	.7	.2	.2	.1	.0	.0	BF	.0	23	.7
5	.0	.0	.0	.0	.0	.1	.2	.2	.2	.1	.1	.1	.1	.0	.0	.1	.2	.0	.0	.0	.0	.0	BF	.0	23	.2
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.6	.8	.2	.2	1.8	.0	.0	.0	.0	BF	.0	23	1.8
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
8	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.5	.0	.0	.0	BF	.0	23	.5
9	.0	.0	.0	.0	.5	.2	.0	.0	.0	.7	1.3	3.0	1.4	.4	1.6	2.3	4.9	.4	.0	.0	.0	.0	BF	.0	23	4.9
10	.0	.0	.0	.0	.0	.0	.5	5.0	.5	.3	.0	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	22	5.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.4	.8	.0	.0	.0	.0	.0	.0	BF	.0	23	.8
12	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	1.0	2.9	2.4	3.0	1.3	.1	.1	.1	.1	.2	.1	BF	.2	23	3.0
13	.0	.0	.0	.0	.0	.0	.0	.1	4.1	.9	1.5	.1	.3	.9	.2	1.0	.0	.0	.0	.0	.0	.0	BF	.2	23	4.1
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.2	23	.2
15	.2	.1	.0	.0	.0	.0	.0	.4	.6	.4	.4	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.6
16	.0	.0	.0	.0	.0	.0	.1	.2	.2	AZ	AZ	AZ	AZ	AZ	.2	.2	.1	.1	.1	.0	.0	.1	BF	.3	18	.3
17	.5	.8	.5	.5	.3	.3	.3	.4	1.5	.5	.5	1.1	1.1	.9	.4	.1	.1	.1	.0	.0	.0	.2	BF	.0	23	1.5
18	.0	.0	.0	.0	.0	.0	.0	.2	.6	1.9	6.2	3.7	3.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	6.2
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.9	5.5	2.4	1.7	1.7	1.5	.4	2.2	.8	.2	.0	.0	.0	BF	.0	23	5.9
21	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.1
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
23	.0	.0	.0	.0	.0	.0	.0	.0	3.8	3.0	2.4	1.1	.3	.5	.9	.2	.0	.0	.0	.0	.0	.0	BF	.0	23	3.8
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.9
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	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	BF	.0	23	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	BF	.0	23	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	BF	.0	23	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	BF	.0	23	0.0
30	.0	.7	4.7	.5	.2	1.6	.0	.0	.0	.0	1.0	1.5	.9	.3	.8	.3	.0	.0	.0	.0	.0	.0	BF	.0	23	4.7
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
NO.:	31	31	31	31	31	31	31	31	31	30	30	29	30	30	31	31	31	31	31	31	31	31		31		
MAX:	.5	.8	4.7	.5	.5	1.6	.5	5.0	4.1	5.9	6.2	3.7	3.1	2.4	3.0	2.3	4.9	1.8	.5	.1	.2	.2		.3		
AVG:	.02	.05	.17	.03	.03	.08	.04	.21	.38	.50	.66	.51	.44	.30	.34	.23	.27	.11	.04	.01	.01	.01		.03		

MONTHLY OBSERVATIONS: 707 MONTHLY MEAN: .19 MONTHLY MAX: 6.2

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

CAS NUMBER: 7446-09-5

SITE ID: 37-145-0004 POC: 1
COUNTY: (145) Person
CITY: (00000) Not in a city
SITE ADDRESS: 921 Shore Road, Semora, NC 27343
SITE COMMENTS:
MONITOR COMMENTS: STARTED TO REPORT DATA ON 20161231

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

LATITUDE: 36.4900200608
LONGITUDE: -79.058271729
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 500
PROBE HEIGHT: 3.6

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

REPORT FOR: APRIL 2017

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	BF	.0	23	0.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.1	.3	.9	.1	1.0	.0	.0	.0	BF	.0	23	1.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.0	.9	.0	.0	BF	.0	23	.9
4	.0	.0	.0	.0	.0	.0	.0	.1	3.2	1.9	10.8	9.8	7.7	22.1	10.8	4.2	13.9	7.5	.1	.0	.0	.0	BF	.0	23	22.1
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	4.4
6	.0	.0	.4	.0	.0	.0	.0	.0	.0	.7	8.4	22.5	13.7	10.3	5.1	.7	.8	1.0	.0	.0	.0	.0	BF	.1	23	22.5
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0	.0	.0	BF	.0	23	.3
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.3
12	.0	.0	.0	.0	.0	.0	.0	.0	3.1	1.7	.0	.0	.7	12.1	7.3	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	12.1
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.9	.7	.2	.0	.0	.0	.1	BF	.7	23	.9
14	3.4	3.8	1.9	.2	.0	.0	.0	.0	.7	1.1	.0	.8	2.3	.6	.1	.9	.0	.0	.0	.0	.0	.0	BF	5.4	23	5.4
15	3.8	1.4	.0	.1	.0	.0	.0	.0	.0	2.0	5.8	9.0	2.8	.2	.0	.0	.4	.0	.0	4.8	.6	.0	BF	.0	23	9.0
16	.0	.0	.0	.0	.0	.0	.0	2.6	6.2	2.8	1.6	2.3	8.4	7.9	2.6	.6	.5	.7	.0	.0	.0	.0	BF	.0	23	8.4
17	.0	.0	.0	.0	.0	.0	.0	.0	3.0	.8	1.6	6.7	10.0	2.0	2.7	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	10.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	4.0	1.2	.4	1.8	.0	BF	.0	23	4.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	BF	2.2	23	2.2
20	.5	1.0	.6	.4	.0	3.1	1.9	3.4	7.1	10.8	1.2	7.7	11.9	2.0	3.5	.0	.0	8.4	.0	.0	.0	.0	BF	.0	23	11.9
21	.0	.7	.3	2.1	.3	.0	.1	18.0	19.8	2.6	.3	.0	9.2	18.6	12.0	1.2	.0	.0	.1	.0	.1	.2	BF	.0	23	19.8
22	.8	1.3	.0	.8	.2	.0	.0	.0	.0	.0	7.4	13.1	5.6	.1	6.9	4.5	.0	.0	.0	.0	.0	.0	BF	.0	23	13.1
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
26	.0	.0	.0	.0	.0	.0	.0	.2	.0	.6	.7	7.0	1.3	.1	.0	.0	.5	.0	.0	.0	.0	.0	BF	.0	23	7.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
28	.0	.0	.0	.0	.0	.0	.0	.0	18.4	4.9	11.6	7.2	.4	5.7	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	18.4
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	.9	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	1.9
30	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	1.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	1.5
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:	3.8	3.8	1.9	2.1	.3	3.1	1.9	18.0	19.8	10.8	11.6	22.5	13.7	22.1	12.0	4.5	13.9	8.4	1.2	4.8	1.8	.2		5.4		
AVG:	.28	.27	.11	.12	.02	.10	.07	.81	2.07	1.06	1.82	3.06	2.47	2.75	1.71	.45	.61	.76	.08	.20	.08	.01		.28		

MONTHLY OBSERVATIONS: 690 MONTHLY MEAN: .83 MONTHLY MAX: 22.5

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

(42401) Sulfur dioxide

SITE ID: 37-145-0004 POC: 1
COUNTY: (145) Person
CITY: (00000) Not in a city
SITE ADDRESS: 921 Shore Road, Semora, NC 27343
SITE COMMENTS:
MONITOR COMMENTS: STARTED TO REPORT DATA ON 20161231

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

CAS NUMBER: 7446-09-5
LATITUDE: 36.4900200608
LONGITUDE: -79.058271729
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 500
PROBE HEIGHT: 3.6

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

REPORT FOR: MAY 2017

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	.4	.0	.0	.0	BF	.0	23	.4
2	.0	.0	.0	.0	.6	.1	.0	.0	.0	2.2	1.5	1.7	7.5	9.3	10.8	6.5	5.5	3.3	.0	.0	.0	.0	BF	.0	23	10.8
3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0	.0	.0	.0	BF	.0	23	.8
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.4	1.4	1.2	2.4	1.5	.4	.0	.0	.0	.0	.0	.3	BF	1.2	23	2.4
5	.8	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.8
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
10	.0	.0	.0	.0	.0	.0	.0	.1	2.8	3.6	12.0	9.7	2.7	18.9	9.2	1.4	.0	.0	.0	.0	.0	.0	BF	.0	23	18.9
11	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.4	2.2	2.0	2.5	3.3	3.2	6.9	.4	.0	.0	.0	.0	BF	.0	23	6.9
12	.0	.0	.0	.0	.0	.0	.0	.0	BA	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	21	0.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
14	.0	.0	.0	.0	.0	.0	.0	.1	3.1	3.1	2.3	.5	.5	10.6	12.0	6.0	.0	.0	.0	.4	.5	.0	BF	.9	23	12.0
15	.7	4.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BA	.2	2.2	.0	.0	.0	.0	.0	BF	.0	22	4.4
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	1.9	1.0	.1	5.9	5.4	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	5.9
17	.0	.0	.0	.0	.0	.0	8.3	AE	AE	26.2	26.7	6.1	2.7	.4	.3	.0	.0	.0	.0	.0	.0	.0	BF	.0	21	26.7
18	.0	.0	.0	.0	.0	.0	.0	.0	31.1	18.8	3.6	3.0	2.7	.0	5.8	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	31.1
19	.0	.0	.0	.0	.0	.0	.0	16.3	20.3	4.1	10.9	6.0	14.9	.0	2.5	3.2	.0	1.4	10.2	13.4	.4	2.3	BF	.1	23	20.3
20	.2	.1	.0	.0	.4	.5	.0	8.1	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	8.1
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	.1	3.2	.2	.0	.2	.0	.0	BF	.0	23	3.2
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	1.0	.0	.0	.0	.0	.0	.0	BF	1.0	23	1.0
25	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.7
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	1.5	.7	1.3	.0	.0	.2	.2	.0	BF	.0	23	1.5
28	.6	.7	.0	.5	.6	.0	.0	.0	.8	.5	1.4	1.9	5.4	12.3	7.0	5.7	.0	1.9	.9	3.0	9.1	1.5	BF	.0	23	12.3
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	6.9	.0	.8	1.6	.0	.0	.0	.0	.0	BF	.0	23	6.9
30	.0	.6	.2	.2	.0	.0	1.0	6.5	16.4	25.0	6.2	3.3	.0	.8	9.2	.0	.0	2.0	.0	.0	.0	.0	BF	.2	23	25.0
31	.6	.2	.0	.0	.1	.1	1.0	.0	.0	.0	.0	.0	.1	1.7	.6	.0	.2	1.9	.0	.0	.0	.0	BF	.0	23	1.9
NO.:	31	31	31	31	31	31	31	30	29	30	31	31	31	31	30	31	31	31	31	31	31	31		31		
MAX:	.8	4.0	4.4	.5	.6	.5	8.3	16.3	31.1	26.2	26.7	9.7	14.9	18.9	12.0	6.5	6.9	3.3	10.2	13.4	9.1	2.3		1.2		
AVG:	.12	.20	.15	.02	.05	.02	.33	1.04	2.67	2.88	2.24	1.19	1.30	2.33	2.37	.94	.67	.38	.37	.55	.33	.13		.11		

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: .88 MONTHLY MAX: 31.1

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: 37-145-0004 POC: 1
COUNTY: (145) Person
CITY: (00000) Not in a city
SITE ADDRESS: 921 Shore Road, Semora, NC 27343
SITE COMMENTS:
MONITOR COMMENTS: STARTED TO REPORT DATA ON 20161231

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

CAS NUMBER: 7446-09-5
LATITUDE: 36.4900200608
LONGITUDE: -79.058271729
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 500
PROBE HEIGHT: 3.6

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

REPORT FOR: JUNE 2017

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	.0	.0	.1	1.1	.0	.0	.0	6.4	.0	.1	2.3	.0	.0	.0	.0	.0	BF	.0	23	6.4
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	BF	.0	23	.1
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.7	.4	.0	.0	.0	.0	.0	.0	.2	3.0	1.4	.8	.0	BF	.0	23	3.0
5	.0	.0	.0	.0	.0	1.5	.6	.2	.0	.0	.8	1.7	6.0	9.1	.1	.0	.0	.0	.0	.0	.0	.0	BF	.1	23	9.1
6	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.3
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
9	.0	.0	.0	.0	.0	.0	1.7	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	BF	.0	23	1.7
10	.0	.0	.0	.0	.0	.0	.0	4.8	AE	15.3	17.5	17.2	2.5	9.5	7.8	35.1	17.3	2.6	.0	.0	.0	.0	BF	.0	22	35.1
11	.0	.0	.0	.6	1.7	.0	1.3	AE	57.4	P96.8	50.1	31.4	5.7	.5	5.1	.4	.0	.0	.0	.0	.0	.0	BF	.0	22	96.8
12	.0	.0	.0	2.9	.4	.0	.9	18.1	8.6	17.6	4.7	3.4	1.7	BA	3.1	.3	5.4	.0	.0	.0	.0	.0	BF	.0	22	18.1
13	.0	.0	.0	.0	.0	.0	2.7	13.3	6.0	8.1	.6	3.9	5.0	9.2	.0	.0	.0	.2	.2	5.5	5.4	6.9	BF	2.3	23	13.3
14	4.3	2.8	3.9	6.0	.9	1.0	6.7	2.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	BF	.3	23	6.7
15	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.9	1.9	.0	.0	.9	1.2	1.2	.0	.0	.0	.0	.0	BF	.0	23	6.9
16	.0	.0	.0	.0	.0	.0	.0	.8	.4	1.5	2.5	.0	1.4	.4	19.2	16.9	1.7	.0	.0	.0	.0	.0	BF	.0	23	19.2
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.3	6.2	.1	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	6.2
18	.0	.0	.0	.0	.5	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	5.3	23	5.3
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	BF	.0	23	.1
20	.0	.0	.0	.0	.1	.0	.0	1.2	1.2	.7	1.0	1.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	1.4
21	.0	.0	.0	.0	.0	.0	.0	.0	.3	.7	2.9	3.0	1.8	.2	.0	.0	.1	5.3	.0	.0	.0	.0	BF	.0	23	5.3
22	.0	.1	.0	.0	.4	2.1	.1	9.1	10.6	10.1	3.6	.5	3.8	11.7	9.7	.3	.0	.0	.0	.0	.0	.0	BF	.0	23	11.7
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	.6	2.1	9.1	4.3	.6	.0	.0	.0	.0	.0	BF	.0	23	9.1
24	.0	.0	1.4	6.3	.8	.0	.0	.0	.5	2.4	8.1	2.2	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	8.1
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.7	BA	.6	1.9	.0	.0	.0	.0	BF	.0	22	1.9
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	BF	BF	BF	7.4	1.4	.7	4.6	2.0	.3	BF	BF	BF	BF	.0	16	7.4
29	.0	.0	.0	.0	.0	.1	.0	.1	1.8	6.2	BA	BA	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	21	6.2
30	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	BF	BF	.0	.0	BF	.1	20	.1
31																									0	
NO.:	30	30	30	30	30	30	30	29	29	29	28	28	29	29	30	29	30	29	29	28	29	29		30		
MAX:	4.3	2.8	3.9	6.3	1.7	2.1	6.7	18.1	57.4	96.8	50.1	31.4	6.0	11.7	19.2	35.1	17.3	5.3	3.0	5.5	5.4	6.9		5.3		
AVG:	.16	.10	.19	.53	.16	.16	.47	1.77	3.01	5.56	3.54	2.62	1.14	2.19	1.91	2.04	1.13	.44	.12	.25	.22	.27		.27		

MONTHLY OBSERVATIONS: 674 MONTHLY MEAN: 1.21 MONTHLY MAX: 96.8

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

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

(42401) Sulfur dioxide

SITE ID: 37-145-0004 POC: 1
COUNTY: (145) Person
CITY: (00000) Not in a city
SITE ADDRESS: 921 Shore Road, Semora, NC 27343
SITE COMMENTS:
MONITOR COMMENTS: STARTED TO REPORT DATA ON 20161231

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

CAS NUMBER: 7446-09-5
LATITUDE: 36.4900200608
LONGITUDE: -79.058271729
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 500
PROBE HEIGHT: 3.6

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

REPORT FOR: JULY 2017

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	.0	.0	.0	1.2	6.4	3.3	6.3	4.2	17.1	.8	BA	BA	.6	.0	.0	1.6	BF	.0	21	17.1
2	3.0	5.5	2.2	3.6	4.3	1.6	1.6	.2	.1	.1	.0	.0	.0	.0	1.2	.0	.4	2.3	.0	.0	.0	.0	BF	.1	23	5.5
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	2.4	1.4	1.9	1.0	.3	.1	.0	1.2	BF	4.6	23	4.6
4	.1	.2	.2	.0	.0	.0	.0	.0	.5	2.2	.1	.3	10.0	16.2	6.2	1.4	3.0	.3	.0	.0	.9	.0	BF	.1	23	16.2
5	.0	.5	.0	.0	.0	.0	.0	.0	1.4	1.5	.4	.6	3.6	.3	.0	.0	.0	.0	.0	.0	2.5	.1	BF	.2	23	3.6
6	.0	.0	.0	.0	.0	.0	.0	.4	1.4	3.1	6.4	5.1	8.1	2.3	8.4	.0	1.6	.0	.1	.0	.0	.0	BF	.6	23	8.4
7	.9	.4	.7	.8	AV	AV	AV	13.8	1.0	.1	.1	.1	.0	.3	4.0	14.9	5.2	12.3	3.0	1.6	.1	.0	BF	.2	20	14.9
8	.5	.2	.0	.0	.0	.0	5.8	7.1	1.1	1.2	2.8	.4	.1	.0	1.6	.0	.0	.0	.3	.1	.0	.0	BF	.0	23	7.1
9	.0	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.7	1.0	.7	.6	1.3	.5	.0	.0	BF	.0	23	1.3
10	.0	.0	.0	.0	.0	.0	.0	.5	2.1	6.6	1.7	1.3	.6	.8	AV	.5	.0	.0	.0	.0	.0	.0	BF	.0	22	6.6
11	.1	5.1	.4	.0	.0	.0	1.7	.3	2.1	2.2	3.4	2.0	.2	2.0	.0	2.2	2.3	.0	.0	.0	.0	.0	BF	.0	23	5.1
12	.0	.0	.0	.0	.0	.0	.0	4.3	2.4	.2	2.4	7.4	7.6	5.1	.7	.3	.1	.0	.0	.1	.0	.0	BF	.0	23	7.6
13	.0	.0	.0	.0	.0	.0	.8	30.1	28.1	19.4	11.4	5.1	6.9	8.6	11.0	8.3	.4	.1	.2	.1	.1	.0	BF	.3	23	30.1
14	.7	.0	.0	.0	.0	.2	13.0	23.4	12.9	2.4	.5	.5	6.0	9.5	.1	.0	.0	.0	.0	.0	.0	.0	BF	2.4	23	23.4
15	.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.6	.0	.0	.0	.0	.0	BF	.1	23	.6
16	.0	.1	.0	.0	.0	.0	.0	.0	.2	.8	.4	.5	11.0	18.2	1.8	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	18.2
17	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	6.1	7.4	8.8	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	8.8
18	.0	.0	.0	.0	.0	.0	.6	6.3	BA	BA	BA	BA	5.1	.2	.0	.0	.0	.0	.0	.0	.5	.0	BF	.0	19	6.3
19	.0	.0	.0	.0	.0	.6	.4	.3	.1	.0	.0	.1	2.9	3.5	.0	.1	.7	3.6	4.8	1.3	.0	.0	BF	.0	23	4.8
20	.0	.0	.0	.0	.0	.0	.6	.2	.0	.9	.1	1.0	.2	.0	4.4	9.7	3.0	.7	.0	.0	.0	.0	BF	.0	23	9.7
21	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	.2	1.2	.3	1.3	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	1.3
22	.0	.1	.0	.0	.1	.2	4.2	7.0	1.3	3.2	.2	9.2	2.2	2.5	1.4	.6	.0	.0	.0	9.8	.7	8.7	BF	.0	23	9.8
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2	6.2	.0	2.9	.4	1.2	.0	.0	.0	.0	BF	.0	23	7.2
24	1.1	8.9	.5	.1	.0	.0	.0	.0	2.5	16.2	15.4	1.2	14.4	12.1	5.0	24.0	16.9	5.1	1.4	.4	.1	.0	BF	.0	23	24.0
25	.2	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.6	2.2	1.4	BF	.2	23	2.2
26	.0	.0	.0	.0	.0	.0	.0	.1	.7	.6	.6	.7	1.4	.6	.1	.0	.0	12.3	.3	.0	.0	.0	BF	.0	23	12.3
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24.7	12.2	.3	.0	2.1	.0	.0	.0	.0	.3	.0	BF	.0	23	24.7
28	.0	.0	.0	.0	.0	3.4	6.6	4.4	5.7	8.0	2.5	3.9	16.1	7.2	3.3	.0	.1	.8	.8	.2	.6	.0	BF	.0	23	16.1
29	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.3
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0	BF	.0	23	.1
NO.:	31	31	31	31	30	30	30	31	30	30	30	30	31	31	30	31	30	30	31	31	31	31		31		
MAX:	3.0	8.9	2.2	3.6	4.3	3.4	13.0	30.1	28.1	19.4	15.4	24.7	16.1	18.2	17.1	24.0	16.9	12.3	4.8	9.8	2.5	8.7		4.6		
AVG:	.22	.70	.16	.15	.15	.21	1.19	3.18	2.13	2.34	1.83	2.29	4.15	3.55	2.63	2.26	1.25	1.35	.44	.51	.26	.42		.28		

MONTHLY OBSERVATIONS: 703 MONTHLY MEAN: 1.37 MONTHLY MAX: 30.1

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: 37-145-0004 POC: 1
COUNTY: (145) Person
CITY: (00000) Not in a city
SITE ADDRESS: 921 Shore Road, Semora, NC 27343
SITE COMMENTS:
MONITOR COMMENTS: STARTED TO REPORT DATA ON 20161231

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

CAS NUMBER: 7446-09-5
LATITUDE: 36.4900200608
LONGITUDE: -79.058271729
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 500
PROBE HEIGHT: 3.6

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

REPORT FOR: AUGUST 2017

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	.3	.0	.1	.9	.5	.2	.6	.4	.5	1.6	2.7	1.2	.3	.1	.1	.0	BF	.0	23	2.7
2	.0	.0	.0	.0	.0	.0	.0	AX	AX	AX	AX	AX	1.3	.4	.2	.1	.1	.1	.0	.1	.1	.0	BF	.0	18	1.3
3	.0	.0	.0	.0	.0	.0	.0	1.1	5.1	2.2	.9	1.4	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	5.1
4	.0	.0	.0	.0	.0	.0	.0	.4	12.9	6.0	14.9	.8	.1	1.0	.0	.0	.2	.3	.0	.0	.0	.0	BF	.0	23	14.9
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
6	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	2.3	1.7	1.4	.1	.3	.0	.0	.7	.5	.0	.2	3.4	BF	.0	23	3.4
7	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.3	2.4	34.3	29.9	7.9	5.3	1.3	1.4	2.8	BF	.0	23	34.3
8	1.3	.0	9.3	12.0	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	4.9	1.0	.0	.0	BF	.0	23	12.0
9	.0	.0	.0	.0	.0	.0	.3	1.1	.2	.0	.1	.3	.0	.2	.4	.4	1.1	1.0	.1	.0	.0	.2	BF	.0	23	1.1
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	1.1	.0	.7	1.2	1.0	.2	1.1	.7	.0	.0	.1	.0	BF	.0	23	1.2
11	.0	.0	.0	.0	.0	.0	.0	.4	BA	BA	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.5	21	.5
12	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.4	.1	.0	.0	.0	.3	.3	1.5	1.7	.6	.0	.0	BF	.3	23	1.7
13	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.8	.3	.3	1.1	1.9	.1	.0	.0	.0	.0	BF	.0	23	1.9
14	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	BF	.3	23	.3
15	.2	.0	.0	.0	.0	.0	.0	1.3	2.7	4.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.8	23	4.5
16	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	1.3	1.5	.4	.0	.0	.0	.0	BF	.0	23	1.5
17	.0	.0	.0	.0	.0	.0	.0	.1	.7	.0	7.5	4.4	3.3	.5	2.5	4.6	.3	.1	.1	.1	.0	.0	BF	.1	23	7.5
18	.0	.0	.0	.0	.0	.0	5.0	2.8	1.3	2.4	2.0	1.6	16.4	3.6	.8	.1	.0	.0	.4	2.1	.2	.2	BF	1.1	23	16.4
19	.8	1.5	.1	.3	1.0	.1	.1	.1	.1	.2	.2	.3	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	BF	.0	23	1.5
20	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.5	1.3	1.0	.2	.2	.2	.0	.0	.0	.0	.1	BF	.0	23	1.3
21	.0	.0	.0	.0	.0	.0	.0	.1	.5	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	BF	.0	23	.5
22	.0	.0	.0	.0	.0	.0	.0	4.3	16.7	2.9	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	16.7
23	.0	.0	.0	.0	.0	1.2	12.4	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	6.6	4.2	.2	BF	.1	23	12.4
24	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.3	.4	2.5	4.2	4.3	.1	.0	.0	.0	BF	.0	23	4.3
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	1.2	.8	.3	.7	.2	.0	.0	.2	BF	.0	23	1.2
26	.0	.0	.0	.0	.0	.0	.0	.0	.6	.6	.1	.1	.1	.3	.1	.0	.7	3.5	.2	.3	.1	.0	BF	.0	23	3.5
27	.0	.0	.0	.0	.0	.0	.0	.3	.6	1.1	.3	.1	.1	.0	.4	.7	.6	.0	.0	.0	.0	.2	BF	.0	23	1.1
28	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.3
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	7.1	10.9	4.0	9.8	23.1	.1	.0	.0	.0	.0	.0	.0	BF	.0	23	23.1
31	.0	.2	2.2	1.6	1.8	.3	1.0	2.4	9.5	4.5	.9	.0	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0	BF	.0	23	9.5
NO.:	31	31	31	31	31	31	31	30	29	29	30	30	31	31	31	31	31	31	31	31	31	31		31		
MAX:	1.3	1.5	9.3	12.0	1.8	1.2	12.4	4.3	16.7	6.0	14.9	10.9	16.4	9.8	23.1	34.3	29.9	7.9	5.3	6.6	4.2	3.4		1.1		
AVG:	.11	.07	.38	.45	.12	.05	.62	.52	1.78	.95	1.34	.78	.99	.64	1.12	1.56	1.46	.78	.45	.39	.21	.24		.10		

MONTHLY OBSERVATIONS: 706 MONTHLY MEAN: .65 MONTHLY MAX: 34.3

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: 37-145-0004 POC: 1
COUNTY: (145) Person
CITY: (00000) Not in a city
SITE ADDRESS: 921 Shore Road, Semora, NC 27343
SITE COMMENTS:
MONITOR COMMENTS: STARTED TO REPORT DATA ON 20161231

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

CAS NUMBER: 7446-09-5
LATITUDE: 36.4900200608
LONGITUDE: -79.058271729
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 500
PROBE HEIGHT: 3.6

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

REPORT FOR: SEPTEMBER 2017

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	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.3
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.2
3	.0	.0	.0	.0	.0	.0	.0	.7	.4	1.3	.0	.0	.3	2.0	3.0	3.0	5.8	4.2	.8	.0	.0	.0	BF	.0	23	5.8
4	.0	.0	.0	.0	.0	.0	.0	.2	.8	3.3	.4	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	BF	.0	23	3.3
5	.0	.0	.0	.0	.0	.1	.2	1.1	1.6	.3	.1	.0	.3	.3	.3	.3	5.7	.1	.1	.8	.3	.5	BF	.1	23	5.7
6	.1	.1	.0	.0	.0	.0	.0	.0	2.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.1	23	2.5
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.3
8	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.2	23	.2
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.1
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.1	23	.1
13	.0	.0	.2	1.5	3.2	4.0	3.0	4.6	4.2	17.4	17.2	23.8	1.2	2.1	.4	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	23.8
14	.0	.0	.0	.0	3.0	.1	.0	.0	.2	2.3	16.1	5.4	5.8	10.2	.2	.1	.1	.1	.7	.8	.1	.0	BF	.0	23	16.1
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.0	.8	.0	.0	.0	.0	.0	.0	BF	.0	23	3.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0	BF	.0	23	.3
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	BF	.0	23	.1
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.1	23	.1
20	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.2
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	1.2	.1	.0	.0	.1	.2	.3	.2	.1	.0	.0	.0	BF	.0	23	1.8
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	BF	.0	23	.2
23	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.1	.6	.1	.0	.0	.2	.6	.5	.2	.0	.0	.0	.0	BF	.0	23	1.1
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.1	.0	.0	.1	.1	.1	.1	.1	BF	.0	23	.2
25	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	BF	.0	23	.1
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.3	AE	AE	AE	BF	.0	20	.3
27	.0	.0	.0	.0	.0	.0	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.2	23	.3
28	.0	.1	.3	.1	.2	AE	AE	AE	.3	.5	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0	AE	AE	AE	AE	17	.5
29	AE	AE	AE	.0	.0	.0	.1	.1	.5	.3	.2	.2	2.8	12.4	6.0	5.5	9.2	5.3	1.1	.3	.1	.1	BF	.0	20	12.4
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	BF	.0	23	.1
31																									0	
NO.:	29	29	29	30	30	29	29	29	30	30	30	30	30	30	30	30	30	30	30	29	28	28		29		
MAX:	.2	.1	.3	1.5	3.2	4.0	3.0	4.6	4.2	17.4	17.2	23.8	5.8	12.4	6.0	5.5	9.2	5.3	1.1	.8	.3	.5		.2		
AVG:	.01	.01	.02	.06	.22	.14	.12	.25	.38	.97	1.23	1.02	.38	.93	.45	.36	.72	.35	.12	.08	.02	.03		.03		

MONTHLY OBSERVATIONS: 678 MONTHLY MEAN: .35 MONTHLY MAX: 23.8

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: 37-145-0004 POC: 1
COUNTY: (145) Person
CITY: (00000) Not in a city
SITE ADDRESS: 921 Shore Road, Semora, NC 27343
SITE COMMENTS:
MONITOR COMMENTS: STARTED TO REPORT DATA ON 20161231

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

CAS NUMBER: 7446-09-5
LATITUDE: 36.4900200608
LONGITUDE: -79.058271729
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 500
PROBE HEIGHT: 3.6

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

REPORT FOR: OCTOBER 2017

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	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.1
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	1.8	.0	.0	.0	.0	.0	BF	.0	23	1.8
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.1	.1	.1	.0	BF	.0	23	.1
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	BA	BA	BA	BA	.0	.0	.1	.1	.0	.0	BF	.0	19	.3
5	.2	.1	.0	.0	.0	.0	.0	.0	.3	.6	.1	BA	BA	BA	BA	.0	.0	.0	.0	.0	.0	.0	BF	.0	19	.6
6	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.6	.1	.2	2.6	.1	.3	.9	.0	.0	.0	.0	.0	.0	BF	.0	23	2.6
7	.0	.0	.0	.0	.0	.0	.0	.1	.3	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.3
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.3	.3	.0	.0	.0	.0	.0	BF	.0	23	1.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	3.3	3.2	15.2	1.6	.0	.0	.0	.0	.0	.0	BF	.0	23	15.2
10	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.5	6.0	.3	1.0	.2	.3	.2	.0	.0	.4	.0	.0	.0	BF	.0	23	6.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.6	.5	4.1	.0	.5	.8	.0	.0	.0	1.2	1.1	.0	BF	.0	23	4.6
12	.0	.0	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.7
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.2	23	.2
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
17	.0	.0	.0	.1	.1	.1	.1	.1	.6	.4	.2	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	BF	.1	23	.6
18	.0	.0	.0	.0	.0	.0	.0	.0	AZ	AZ	AZ	.3	.2	.1	.1	.2	.1	.1	.1	.1	.1	.1	BF	.1	20	.3
19	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	BF	.1	23	.1
20	.1	.1	.2	.1	.0	.0	.0	.1	.2	.3	.3	.2	.3	.3	.2	.2	.2	.2	.1	.1	.0	.0	BF	.1	23	.3
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.8	3.8	2.6	1.8	2.6	2.3	.8	.4	1.1	.4	.2	BF	.0	23	3.8
22	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.2	.1	.0	.0	.1	.1	.1	.1	.1	.2	1.2	BF	1.7	23	1.7
23	.3	.2	.1	.1	.0	.0	.2	1.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	1.4
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.2	23	.2
25	.1	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.1	.1	.1	.0	.0	.0	.1	.0	.0	.0	.1	BF	.1	23	.2
26	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.2	.2	.2	.3	.2	.2	.2	.1	.1	BF	AS	22	.3
27	AS	AS	AS	AS	AS	AS	AS	AS	AS	BC	BC	BC	BC	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
28	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	
29	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	
30	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	BA	BA	BA	BA	BA	BA	AS	AS	AS	BF	.2	1	.2
31	.2	.2	.2	.2	.2	.2	.2	.2	.5	1.4	5.9	2.1	.9	1.5	BC	BC	.3	.1	.1	BC	BC	BC	BF	.0	18	5.9
NO.:	27	27	27	27	27	27	27	27	26	26	26	26	25	25	24	25	27	27	27	26	26	26		27		
MAX:	.3	.2	.7	.2	.2	.2	.2	1.4	1.5	4.5	6.0	2.7	4.1	3.2	15.2	2.6	2.3	.8	.4	1.2	1.1	1.2		1.7		
AVG:	.04	.02	.05	.02	.01	.01	.02	.07	.16	.40	.75	.32	.68	.34	.79	.33	.21	.06	.06	.12	.08	.07		.10		

MONTHLY OBSERVATIONS: 605 MONTHLY MEAN: .20 MONTHLY MAX: 15.2

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: 37-145-0004 POC: 1
COUNTY: (145) Person
CITY: (00000) Not in a city
SITE ADDRESS: 921 Shore Road, Semora, NC 27343
SITE COMMENTS:
MONITOR COMMENTS: STARTED TO REPORT DATA ON 20161231

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

CAS NUMBER: 7446-09-5
LATITUDE: 36.4900200608
LONGITUDE: -79.058271729
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 500
PROBE HEIGHT: 3.6

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

REPORT FOR: NOVEMBER 2017

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	.1	.1	.1	.2	.2	.2	.2	.1	.1	.1	.2	.2	BF	.1	23	.2
2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.3
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.5	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.5
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	BF	.3	23	.3
11	.3	.2	.2	.2	.3	.4	.2	.2	.2	.1	.1	.1	.1	.6	.9	.2	.1	.1	.1	.0	.1	.0	BF	.2	23	.9
12	.1	.0	.0	.0	.0	.0	.0	.1	.3	.1	.2	.2	.4	3.8	4.5	.6	.4	.1	.2	.2	.5	.1	BF	.1	23	4.5
13	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.1
14	.0	.0	.1	.2	.2	.2	.3	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.3
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	BF	.1	23	.1
16	.1	.0	.0	.0	.0	.1	.4	.4	2.4	1.6	.5	BD	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	21	2.4
17	.0	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.1	23	.1
18	.0	.2	.2	.1	.2	.1	.1	.1	.1	.2	.2	.3	.4	.4	.2	.2	.1	.1	.1	.1	.0	.0	BF	.0	23	.4
19	.0	.1	2.1	.4	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.4	23	2.1
20	.5	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	3.2	1.8	.0	.1	.0	.0	.0	.0	BF	.2	23	3.2
21	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.2	.2	.1	BF	.1	23	.2
22	.0	.1	.2	.0	.0	.0	.0	.0	.0	.2	.5	.4	.3	.3	.0	.0	.0	.0	.0	.1	.1	.0	BF	.0	23	.5
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	4.9	8.4	4.6	2.6	.7	.4	.3	.1	.1	.0	BF	.1	23	8.4
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	1.5	1.7	1.7	.9	.6	.6	.2	.1	.1	.0	.0	BF	.2	23	1.7
25	.1	.0	.0	.1	.1	.2	.1	.2	.7	1.6	.5	.6	2.6	3.5	3.3	5.9	1.9	.7	.8	1.0	1.1	.9	BF	.3	23	5.9
26	.2	.1	.1	.2	.2	.1	.1	.3	.3	.3	.2	.1	1.0	.5	.0	.1	.0	.1	.0	.1	.0	.0	BF	.1	23	1.0
27	.1	.1	.1	.0	.0	.1	.1	.1	.3	.7	1.3	.2	1.7	4.8	3.3	1.7	.1	.1	.1	.1	.1	.1	BF	.4	23	4.8
28	.1	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.5	.2	.1	.1	.1	.1	.1	.2	.2	.2	.1	BF	.2	23	.5
29	.1	.1	.1	.2	.2	.3	.3	.3	.4	.4	.5	.4	.4	.6	.9	.3	.3	.2	.2	.1	.1	.0	BF	.1	23	.9
30	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.8	3.4	4.0	2.8	2.9	4.1	1.2	1.1	.6	.5	.3	.2	BF	.2	23	4.1
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	30	29	29	30	30	30	30	30	30	30	30	30		30		
MAX:	.5	.2	2.1	.4	.8	.4	.4	.4	2.4	1.6	1.3	3.4	4.9	8.4	4.6	5.9	1.9	1.1	.8	1.0	1.1	.9		.4		
AVG:	.07	.05	.11	.05	.07	.05	.06	.07	.19	.23	.23	.31	.64	.93	.83	.62	.19	.12	.10	.10	.10	.06		.11		

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: .23 MONTHLY MAX: 8.4

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

(42401) Sulfur dioxide

SITE ID: 37-145-0004 POC: 1
COUNTY: (145) Person
CITY: (00000) Not in a city
SITE ADDRESS: 921 Shore Road, Semora, NC 27343
SITE COMMENTS:
MONITOR COMMENTS: STARTED TO REPORT DATA ON 20161231

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

CAS NUMBER: 7446-09-5
LATITUDE: 36.4900200608
LONGITUDE: -79.058271729
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 500
PROBE HEIGHT: 3.6

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

REPORT FOR: DECEMBER 2017

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	.2	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	BF	.0	23	.2
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.6	.4	.2	.8	2.2	.7	.0	.0	.0	.0	.0	BF	.2	23	2.2
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.2
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	1.9	1.5	1.6	2.0	.8	.5	.3	.0	.0	BF	.0	23	2.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	BF	.0	23	.4
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	BF	.1	23	.1
7	.0	.1	.3	.4	.4	.3	.3	.3	.4	.3	.3	.3	.3	.5	1.6	.8	.2	.2	.2	.2	.2	.2	BF	.3	23	1.6
8	.3	.6	.3	.3	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.2	23	.6
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.1	.1	BF	3.0	23	3.0
10	.2	.2	.3	.2	.5	.1	.1	.3	1.8	2.0	.1	.1	.0	.5	1.8	3.1	.6	.1	.1	.1	.1	.1	BF	.3	23	3.1
11	.2	.3	.2	.2	.8	.5	.4	.3	.6	.8	.5	.5	1.1	3.5	.4	.5	.7	.6	.3	.2	.2	.2	BF	.3	23	3.5
12	.3	.2	.2	.3	.2	.2	.2	.2	.9	2.0	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.1	23	2.0
13	.1	.2	.2	.2	.2	.1	.1	.1	.1	.1	.7	5.5	5.7	2.2	6.0	4.1	.2	.1	.2	.2	.2	.2	BF	.2	23	6.0
14	.1	.2	.2	.3	.7	.8	.3	.3	.5	7.2	2.8	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.3	23	7.2
15	.3	.3	.3	.4	.4	.6	.6	.5	.6	.7	.8	.8	1.0	.8	.7	.6	.6	.5	.5	.6	.3	.1	BF	.2	23	1.0
16	.2	.2	.2	.1	.2	.1	.1	.1	.4	.6	.4	1.0	1.1	1.7	1.7	1.0	.3	.2	.1	.2	.2	.3	BF	.3	23	1.7
17	.4	.3	.5	.3	.5	.7	.5	.6	.5	.4	.9	.7	.5	.5	.5	.4	.3	.2	.2	.2	.2	.2	BF	.2	23	.9
18	.1	.1	.1	.1	.1	.1	.1	.0	.1	.5	.9	1.4	5.6	7.6	6.2	1.0	.2	.2	.1	.1	.0	.0	BF	.1	23	7.6
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.9	.6	.4	.4	.3	.2	.2	.1	.2	.3	BF	.4	23	.9
20	.4	.3	.3	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.1	23	.4
21	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.3	.4	.5	5.1	2.9	.6	.3	.1	.1	.0	BF	.4	23	5.1
22	.3	.2	.2	.2	.2	.2	.1	.0	.1	.2	.3	.3	.2	.2	.1	.1	.1	.0	.0	.0	.0	.1	BF	.1	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	BF	.0	23	0.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	.1
25	.5	.3	7.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.1	.1	BF	.2	23	7.7
26	.2	.1	.1	.1	.1	.1	.1	.1	.2	.3	.3	.2	.2	.2	3.6	.7	.2	.2	.3	.8	1.8	1.3	BF	AS	22	3.6
27	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	
28	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	
29	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	
30	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	BF	.4	1	.4
31	.4	.2	.2	.2	.3	.3	.3	.3	.2	.3	.5	.6	.6	.7	.7	.5	.3	.3	.3	.4	.7	.9	AM	1.0	23	1.0
NO.:	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27		27		
MAX:	.5	.6	7.7	.4	.8	.8	.6	.6	1.8	7.2	2.8	5.5	5.7	7.6	6.2	5.1	2.9	.8	.5	.8	1.8	1.3		3.0		
AVG:	.15	.14	.43	.14	.19	.16	.13	.12	.24	.59	.37	.49	.71	.80	.99	.82	.36	.16	.13	.13	.20	.16		.31		

MONTHLY OBSERVATIONS: 621 MONTHLY MEAN: .34 MONTHLY MAX: 7.7

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

(42401) Sulfur dioxide

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

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

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

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

REPORT FOR: APRIL 2017

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	.9	.8	.7	.4	.4	.3	.3	.4	.4	.3	.4	.3	.4	.3	.3	.3	.4	.4	.5	.4	.6	.5	23	1.1
2	BF	.7	.4	.5	.5	.5	.5	.7	.8	.5	.7	.7	.7	.6	.6	.7	.6	.5	.5	.5	.4	.5	.5	.4	23	.8
3	BF	.5	.5	.4	.5	.5	.5	.5	.6	.5	.4	.3	.4	.3	.3	.3	.2	.2	.2	.2	.2	.1	.1	.1	23	.6
4	BF	.2	.1	.1	.1	.1	.2	.1	.1	.1	.2	.2	.4	.2	.1	.2	.2	.2	.2	.2	.3	.3	.3	.2	23	.4
5	BF	.3	.2	.3	.3	.3	.5	.6	.5	.4	.4	.5	.7	.8	.6	.4	.2	.1	.1	.1	.1	.1	.1	.1	23	.8
6	BF	.4	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.2	.8	.4	2.2	2.3	.2	.3	4.0	2.0	1.9	4.2	23	4.2
7	BF	.4	.3	.2	.3	.3	.4	.4	.5	.4	.4	.4	.5	.4	.5	.4	.4	.5	.5	.6	.6	.6	.7	.8	23	.8
8	BF	.7	.5	.7	.6	.7	.6	.8	.7	.9	.9	.9	.7	.9	1.1	1.3	1.3	1.1	.8	.8	.9	.8	.8	.9	23	1.3
9	BF	.9	.8	.9	.9	.7	.9	.9	1.0	.8	.8	.9	.8	.8	.8	.9	.8	.7	.8	.7	.8	.8	.8	.7	23	1.0
10	BF	.8	.9	1.0	1.1	1.5	1.3	1.3	1.2	1.2	1.1	.9	.8	.7	.8	.8	.7	.6	.7	.8	.7	.6	.6	.6	23	1.5
11	BF	.6	.6	.8	.8	.8	.7	.7	.5	.6	.6	.5	.6	.5	.5	.5	.4	.4	.4	.4	.3	.4	.4	.6	23	.8
12	BF	1.1	1.8	1.3	.7	.6	.7	.7	.6	.7	1.4	1.1	.6	.4	.4	.3	.3	.5	.5	.4	.3	.3	.4	.4	23	1.8
13	BF	.5	.3	.5	.5	.4	.4	.6	.6	.7	.7	.7	.7	.6	.5	.5	.4	.4	.4	.4	.4	.4	.4	.5	23	.7
14	BF	.4	.4	.4	.3	.4	.3	.4	.5	.4	.4	.4	.5	.7	.4	.4	.4	.5	.4	.4	.3	.3	.3	.3	23	.7
15	BF	.4	.4	.3	.3	.2	.3	.7	.6	.5	.3	.4	.4	.4	.2	.2	.3	.2	.2	.3	.5	.8	.8	.6	23	.8
16	BF	1.1	.5	.5	.4	.5	.5	.5	.5	.5	.4	.4	.4	.3	.2	.2	.2	.2	.3	.2	.2	.3	.4	.3	23	1.1
17	BF	.4	.6	1.1	1.1	.7	.5	.4	.3	.4	.6	1.2	.8	.3	.3	.2	.2	.2	.2	.2	.1	.2	.2	.1	23	1.2
18	BF	.3	.2	.3	.2	.2	.2	.3	.2	.3	.4	.4	.5	.5	.3	.3	.3	.4	.3	.3	.3	.3	.3	.4	23	.5
19	BF	.4	.4	.3	.3	.4	.3	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.2	.3	.3	.3	.2	.2	23	.4
20	BF	.2	.3	.3	.3	.2	.3	.3	.3	.2	.2	.2	.3	.3	.4	.3	4.2	.4	.3	.3	.3	.5	.6	.5	23	4.2
21	BF	.5	.3	.3	.2	.2	.2	.2	1.1	5.9	9.7	1.1	1.4	3.2	.7	.3	.3	.2	.3	.2	.3	.3	.1	.3	23	9.7
22	BF	.3	.3	.4	.3	.2	.2	.2	.2	.3	.4	.3	.3	.3	.3	.1	.1	.1	.1	.1	.1	.2	.1	.2	23	.4
23	BF	.6	.2	.3	.3	.2	.2	.2	.2	.3	.3	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.2	.1	.1	23	.6
24	BF	.3	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	.1	.1	23	.3
25	BF	.2	.1	.2	.1	.1	.2	.1	.1	.2	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.2	23	.2
26	BF	.2	.1	.2	.1	.2	.2	.3	.3	.3	.4	.3	.3	.2	.3	.5	.5	.4	.3	.3	.3	.3	.3	.2	23	.5
27	BF	.4	.3	.5	.4	.3	.4	.6	.6	.5	.5	.3	.4	.4	.3	.3	.3	.2	.2	.3	.3	.2	.2	.1	23	.6
28	BF	.2	.2	.2	.1	.1	.2	.3	.3	.2	.2	.4	.4	.3	.2	.4	.3	.3	.2	.4	.5	.3	.5	.4	23	.5
29	BF	.4	.4	.4	.3	.2	.4	.4	.4	.3	.4	.3	.3	.4	.3	.3	.4	.3	.3	.3	.4	.3	.3	.3	23	.4
30	BF	.7	.3	.4	.4	.4	.4	.4	.4	.4	.3	.2	.3	.2	.3	.1	.2	.2	.2	.2	.3	.2	.2	.2	23	.7
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	1.8	1.3	1.1	1.5	1.3	1.3	1.2	5.9	9.7	1.2	1.4	3.2	1.1	1.3	4.2	2.3	.8	.8	4.0	2.0	1.9	4.2		
AVG:		.51	.42	.46	.41	.38	.40	.45	.47	.62	.78	.47	.48	.50	.41	.38	.55	.40	.32	.34	.47	.41	.41	.48		

MONTHLY OBSERVATIONS: 690 MONTHLY MEAN: .46 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: 37-157-0099 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: MAY 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	.3	.1	.1	.1	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	23	.3
2	BF	.2	.1	.4	.5	.3	.2	.3	.4	.4	.9	.3	.3	.5	.8	1.5	1.4	.4	.4	.7	1.3	.7	.5	.7	23	1.5
3	BF	.6	.5	.4	.5	.5	.6	.8	.7	.6	.6	.7	.6	.6	.6	.7	.6	.6	.6	.8	2.3	2.0	.6	.6	23	2.3
4	BF	.8	.7	.6	.6	.6	.6	.7	.6	.6	.5	.5	.5	.5	.4	.4	.4	.3	.4	.3	.3	.2	.2	.2	23	.8
5	BF	.2	.2	.1	.6	.4	.2	.3	.3	.3	.3	.3	.2	.3	.3	.3	.2	.3	.2	.3	.3	.3	.2	.3	23	.6
6	BF	.4	.3	.3	.4	.6	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.4	.5	23	.6
7	BF	.9	.5	.5	.5	.6	.4	.6	.6	.5	.6	.5	.5	.7	.7	.5	.6	.6	.5	.5	.7	1.0	.8	.6	23	1.0
8	BF	.7	.6	.7	.6	.7	.9	.8	.7	.8	.9	.7	.8	.7	.7	.8	.9	.9	.9	.9	.8	.8	.9	.7	23	.9
9	BF	.9	.8	.7	.7	.8	.7	.7	.7	.7	.7	.7	.7	.7	.6	.7	.6	.6	.6	.6	.6	.5	.5	.5	23	.9
10	BF	.5	.4	.5	.5	.5	.4	.4	.6	2.1	2.6	1.4	1.5	.8	.8	.8	.6	.6	.7	.6	.7	.6	.6	.7	23	2.6
11	BF	.6	.6	.5	.5	.5	.5	.4	.8	.6	.5	.8	.5	.4	.5	.5	.5	.5	.5	.4	.4	.3	.4	.3	23	.8
12	BF	.4	.5	.4	.4	.5	.4	.4	.4	.4	.4	.4	.3	.4	.4	.4	.3	.4	.3	.4	.4	.3	.3	.4	23	.5
13	BF	.5	.4	.5	.4	.5	.4	.4	.5	.5	.5	.4	.5	.4	.4	.5	.4	.5	.4	.4	.5	.5	.4	.4	23	.5
14	BF	.9	.5	.5	.4	.5	.5	.6	.5	.8	1.9	1.9	1.6	1.1	.7	.7	.6	.6	.6	1.2	.7	.8	.8	1.3	23	1.9
15	BF	2.5	2.3	1.3	1.1	.9	.8	.8	.9	1.0	.9	.9	.9	.7	.6	.6	.6	.6	.5	.6	.6	.7	.6	.6	23	2.5
16	BF	.7	.7	.6	.6	.7	.7	.8	.8	.7	.7	.6	.6	.7	.6	.7	.8	.8	.7	.6	.7	.7	.6	.6	23	.8
17	BF	.6	.6	.9	1.2	.8	.7	.7	.6	.6	.6	.6	.6	.7	.6	.6	.7	.8	.8	.9	.8	.5	.5	.5	23	1.2
18	BF	.7	1.0	1.2	1.3	1.2	1.2	.8	.6	.6	.5	.5	.6	.6	.4	.4	.5	.5	.4	.5	.6	.7	1.0	1.3	23	1.3
19	BF	1.5	1.3	1.5	1.4	1.0	.7	.7	.6	.6	.6	3.2	.9	1.1	1.0	.4	.3	.3	.3	.4	.4	.3	.4	.4	23	3.2
20	BF	.5	.4	.4	.3	.3	.5	.6	.4	.4	7.3	13.0	5.4	.8	.4	.4	.4	.5	.6	1.4	1.6	1.0	1.0	.4	23	13.0
21	BF	.4	.4	.4	.4	.4	.4	.4	.4	.3	.4	.4	.4	.3	.3	.3	.3	.4	.3	.4	.3	.2	.3	.3	23	.4
22	BF	.4	.4	.4	.2	.2	.3	.2	.3	.4	.3	.3	.3	.3	.3	.3	.4	.4	.3	.4	.4	.4	.4	.3	23	.4
23	BF	.4	.4	.3	.4	.3	.3	.3	.4	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.3	.3	23	.4
24	BF	.4	.3	.3	.3	.3	.3	.3	.3	AI	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	22	.4
25	BF	.3	.2	.3	.3	.3	.4	.3	.4	.3	.3	.5	.4	.4	.3	.6	.8	.9	.3	.3	.4	.3	.4	.8	23	.9
26	BF	.7	.4	.4	.5	.4	.5	1.1	1.2	1.0	.5	.5	.5	1.0	1.3	1.6	1.4	.7	.6	.6	.6	.6	.7	.8	23	1.6
27	BF	.6	.5	.5	.6	.6	.5	.9	1.2	4.3	1.2	2.0	1.7	1.3	.6	.6	1.4	.5	.6	.5	.6	.8	AV	AV	21	4.3
28	AV	AV	AV	AV	AV	AV	AV	AV	.5	.1	.2	.5	1.2	.3	.3	.4	.3	.5	.5	1.8	1.2	.6	.8	.6	16	1.8
29	BF	.5	.4	.4	.5	.4	.4	1.5	1.1	.4	.4	.4	.4	.4	.4	2.5	2.4	.9	.5	.4	.5	.4	.4	.4	23	2.5
30	BF	.5	.4	.6	.4	.4	.5	.4	2.5	6.1	1.8	.6	1.3	.7	2.1	1.4	.5	.5	.6	.5	.4	2.6	1.5	.7	23	6.1
31	BF	.7	.5	.5	.5	.5	.6	.5	.5	.8	.7	.7	.7	.7	.8	.7	1.0	1.0	AV	AV	AV	AV	AV	AV	17	1.0
NO.:		30	30	30	30	30	30	30	31	30	31	31	31	31	31	31	31	31	30	30	30	30	29	29		
MAX:		2.5	2.3	1.5	1.4	1.2	1.2	1.5	2.5	6.1	7.3	13.0	5.4	1.3	2.1	2.5	2.4	1.0	.9	1.8	2.3	2.6	1.5	1.3		
AVG:		.64	.55	.54	.56	.53	.51	.57	.64	.89	.90	1.11	.80	.58	.57	.65	.64	.53	.47	.58	.63	.62	.54	.54		

MONTHLY OBSERVATIONS: 697 MONTHLY MEAN: .64 MONTHLY MAX: 13.0

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

(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: JUNE 2017

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	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	-.3	-.5	2	-.3
2	BF	.0	.1	.0	.2	.3	.3	.4	.5	.4	.4	.6	.8	.6	.6	.6	.7	.7	.6	.6	.5	.6	.5	.5	23	.8
3	BF	.7	.7	.7	.6	.6	.6	.6	.6	.7	.6	.7	.7	.6	.7	.6	.6	.6	.6	.5	.6	.6	.6	.5	23	.7
4	BF	AN	1.1	.5	.5	.5	.6	.7	1.1	1.1	.6	.6	.5	.4	.5	.6	.4	.4	.3	.4	.4	.4	.3	.4	22	1.1
5	BF	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4	.3	.3	.7	.3	.3	.3	.4	.3	.4	.3	.3	.4	.4	23	.7
6	BF	.4	.4	.3	.4	.4	.5	.4	.4	.4	.4	.4	.4	.4	.3	.4	.4	.5	.6	.6	.6	.6	.5	.5	23	.6
7	BF	.7	.6	.7	.8	.7	.8	.7	.6	.5	.6	.7	.6	.6	.6	.5	.6	.6	.5	.5	.8	.8	.7	.7	23	.8
8	BF	1.0	.9	.7	.6	.6	.6	.7	.5	.6	.5	.6	.5	.5	.6	.5	.6	.5	.6	.6	.6	.6	.6	.6	23	1.0
9	BF	.6	.6	.6	.6	.6	.6	1.2	1.9	.6	AX	AX	AX	AX	1.3	1.1	1.0	1.0	.9	.9	.9	.9	.9	.9	19	1.9
10	BF	.6	.6	.6	.6	.6	.7	1.5	7.1	3.6	.9	.7	.9	.7	1.1	.7	.6	.6	.6	.6	.7	.7	.7	.6	23	7.1
11	BF	1.3	1.0	1.1	1.0	.7	1.0	1.5	4.7	.9	2.1	2.4	1.5	.7	.6	.7	.6	.6	.7	.7	.7	.7	.6	.8	23	4.7
12	BF	.8	.8	.7	.7	.6	.7	2.9	4.0	6.6	8.8	4.6	3.7	1.5	1.1	.9	.8	.8	.8	.8	.8	.9	.9	.9	23	8.8
13	BF	1.3	1.2	1.0	.9	.9	1.0	5.1	4.2	AX	BC	BC	BC	BC	BC	1.0	.7	.6	.4	.4	.4	.3	.2	.2	17	5.1
14	BF	-.1	-.1	-.1	-.1	-.1	-.2	.0	.0	-.1	-.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	23	.1
15	BF	.0	-.1	-.1	-.1	.0	-.1	.0	.1	.2	.4	.2	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	23	.4
16	BF	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	23	0.0
17	BF	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
18	BF	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
19	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.2	.1	.0	.0	.0	.1	.0	23	.2
20	BF	.1	.0	.0	.0	.0	.0	.1	.1	.0	.1	1.1	1.0	1.2	.8	.5	.1	.3	.1	.1	.1	.1	.1	.0	23	1.2
21	BF	.1	.0	.0	.1	.0	.1	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1	.1	.1	.1	.1	.3	.2	.1	23	.3
22	BF	.2	.1	.1	.1	.2	.1	.3	3.5	3.5	1.4	.2	.3	.2	.1	.0	.2	.2	.1	.2	.0	.1	.2	.4	23	3.5
23	BF	.2	.1	.0	.0	.0	.0	.5	.1	-.1	9.1	1.0	.7	.2	.2	BF	.1	.0	.0	.0	.3	.3	.1	.0	22	9.1
24	BF	.0	.0	.0	1.0	3.0	2.1	8.0	8.3	4.1	4.2	3.2	2.3	.9	1.3	.4	.2	.1	.1	.1	.1	.1	.2	.1	23	8.3
25	BF	.5	.1	.2	.3	.2	.2	.2	.3	.5	.5	.4	.3	.3	.2	.2	.3	.2	.2	.2	.4	.2	.3	.2	23	.5
26	BF	.3	.3	.3	.2	.2	.3	.5	.4	.5	.5	.4	.5	.4	.6	.6	.4	.8	1.4	.6	.5	.4	.4	.4	23	1.4
27	BF	.5	.5	.3	.3	.4	.4	.3	.3	.4	.3	.3	.3	.3	.3	.3	.4	.1	.3	.2	.3	.4	.4	.3	23	.5
28	BF	.4	.3	.1	.3	.3	.3	.5	.6	.7	.7	.5	.5	.4	.4	.5	.8	.5	.3	.3	.3	.3	.3	.3	23	.8
29	BF	.4	.3	.4	.3	.3	.5	.8	.6	.5	.4	.3	.4	.3	.4	.5	.4	.4	.3	.2	.3	.4	.3	.3	23	.8
30	BF	.4	.4	.4	.4	.6	1.0	1.0	.7	.4	.4	.3	.3	.3	.2	.2	.1	.1	.2	.1	.2	.1	.1	.1	23	1.0
31																									0	
NO.:		28	29	29	29	29	29	29	29	28	27	27	27	27	28	28	29	29	29	29	29	29	30	30		
MAX:		1.3	1.2	1.1	1.0	3.0	2.1	8.0	8.3	6.6	9.1	4.6	3.7	1.5	1.3	1.1	1.0	1.0	1.4	.9	.9	.9	.9	.9		
AVG:		.40	.36	.31	.35	.41	.43	.97	1.41	.94	1.23	.72	.61	.43	.44	.40	.36	.36	.35	.33	.34	.35	.31	.28		

MONTHLY OBSERVATIONS: 657 MONTHLY MEAN: .52 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

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: JULY 2017

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	.1	.2	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.2	.4	.4	23	.4
2	BF	1.4	.4	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.1	1.2	5.3	1.9	.7	.3	.2	.3	.4	.3	.2	23	5.3
3	BF	.3	.2	.3	.2	.3	.3	.3	.3	.2	.2	.3	.3	.3	.3	.2	.2	.3	.3	.2	.2	.2	.2	.4	23	.4
4	BF	.3	.3	.3	.3	.2	.3	.5	.4	.3	.3	.5	3.2	2.0	2.1	1.2	.5	.3	.3	.3	.2	.3	.3	.2	23	3.2
5	BF	.4	.3	.3	.2	.3	.3	BA	.5	.5	.3	.2	.3	.2	.2	.1	.4	.5	.3	.2	.2	.2	.3	.3	22	.5
6	BF	.3	.2	.2	.2	.2	.3	.2	2.2	1.1	.3	.3	.3	.9	.7	.6	.3	.3	.3	.4	.3	.4	.6	.9	23	2.2
7	BF	.6	.4	.3	.3	.3	.6	12.2	3.8	.5	.4	.2	.2	1.8	2.9	1.7	.8	.6	.3	.4	.4	.3	.3	.4	23	12.2
8	BF	.4	.3	.3	.4	.4	.3	.4	2.1	1.4	5.2	3.5	3.0	2.9	2.5	3.3	2.0	.4	.3	.2	.3	.3	.2	.2	23	5.2
9	BF	.7	.3	.3	.2	.3	.4	.3	.4	.8	.6	.4	.5	.4	.4	.4	.3	.4	.4	.4	.4	.5	.4	.4	23	.8
10	BF	.6	.5	.3	.4	.4	.4	.5	.9	7.9	14.2	7.0	3.1	1.3	.6	.4	.4	.6	.4	.4	.5	.4	.4	.3	23	14.2
11	BF	.5	.4	.3	.4	.4	.4	1.0	3.7	5.9	3.8	1.0	.4	.3	.4	.4	.9	2.6	1.2	.5	.4	.4	.3	.4	23	5.9
12	BF	.5	AV	AV	AV	AV	.5	.5	.5	.4	.3	.4	.4	.4	.3	.3	.3	.3	.4	.3	.4	.3	.4	.4	19	.5
13	BF	.7	.6	.7	.5	.5	.5	.6	.5	.5	.4	1.6	3.5	.4	.3	.3	.3	.2	.3	.2	.2	.2	.3	.3	23	3.5
14	BF	.4	.3	.3	.2	.3	.3	.3	.3	3.0	2.5	1.1	.9	.4	.4	.4	.5	.7	1.4	.3	.3	.3	.3	.4	23	3.0
15	BF	.6	.4	.4	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.6	.3	.3	.2	.3	.3	.5	.4	23	.6
16	BF	.8	.2	.2	.3	.3	.3	.3	.4	.2	.2	.3	.3	.2	.4	.5	.2	.2	.3	.3	.2	.2	.2	.1	23	.8
17	BF	-.3	-.5	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.2	-.2	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	23	-.2
18	BF	-.4	-.4	-.4	-.4	-.4	-.3	-.2	-.2	.2	.3	.1	-.1	-.2	.0	.0	-.2	-.3	-.3	-.3	-.4	-.3	-.3	-.3	23	.3
19	BF	-.2	-.2	-.3	-.3	-.3	-.3	-.2	1.5	4.0	2.3	4.3	1.9	.1	-.2	-.2	-.3	-.2	-.1	.0	-.1	-.2	-.1	-.2	23	4.3
20	BF	.0	-.2	-.2	-.2	-.2	-.1	-.3	-.2	-.2	-.2	-.2	-.2	-.2	.2	2.4	2.7	1.1	.3	.0	-.1	-.1	-.1	.0	23	2.7
21	BF	.0	.0	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	-.1	-.1	23	0.0
22	BF	.0	.0	.0	-.1	-.1	.0	.0	.0	.2	13.4	5.4	.0	.0	.0	.0	.0	1.4	.0	-.1	-.1	-.1	.0	.0	23	13.4
23	BF	.5	.7	.4	.1	.0	.8	2.9	6.4	3.9	.0	.1	.9	.0	.0	.0	.0	-.1	-.1	-.1	-.2	-.1	-.2	.0	23	6.4
24	BF	.1	.0	.4	.0	-.1	-.2	.0	.6	.6	.9	1.0	2.5	3.2	2.2	1.3	1.2	.1	.0	.0	.0	-.1	.0	-.1	23	3.2
25	BF	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	AV	AV	AV	AV	AV	.8	-.2	-.2	-.2	-.1	18	.8
26	BF	.0	.0	.0	.2	.2	.0	.0	.1	.1	.0	.0	.0	-.1	-.1	.0	.0	-.2	-.1	-.1	.0	-.1	.0	-.1	23	.2
27	BF	.0	-.1	-.1	.0	.1	.1	.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	23	.1
28	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	9.9	.8	.0	.0	.0	.0	.0	.0	-.1	23	9.9
29	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	.0	-.1	.0	-.1	.0	-.1	.0	-.1	23	.1
30	BF	.4	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
31	BF	.0	-.1	.0	.0	-.1	-.1	.0	.0	.0	.0	-.1	.0	-.1	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
NO.:		31	30	30	30	30	31	30	31	31	31	31	31	31	30	30	30	30	30	31	31	31	31	31		
MAX:		1.4	.7	.7	.5	.5	.8	12.2	6.4	7.9	14.2	7.0	3.5	3.2	2.9	9.9	2.7	2.6	1.4	.8	.5	.5	.6	.9		
AVG:		.29	.14	.12	.11	.10	.16	.66	.79	1.02	1.47	.89	.69	.45	.48	.94	.44	.32	.20	.14	.10	.10	.13	.14		

MONTHLY OBSERVATIONS: 703 MONTHLY MEAN: .43 MONTHLY MAX: 14.2

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

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

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

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

REPORT FOR: AUGUST 2017

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	.1	.1	.1	.0	.1	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
2	BF	.0	-.1	.0	.0	.0	.0	.0	BA	.3	.5	.0	.0	.0	.0	.1	.2	.1	.0	.1	.0	.0	.0	.0	22	.5
3	BF	-.1	-.2	-.3	-.3	-.3	-.3	-.3	-.2	.0	.3	-.1	.2	.2	.2	.1	.0	.0	-.1	.0	.1	.0	.0	.0	23	.3
4	BF	.0	-.1	-.1	.0	.0	.2	.3	.1	.0	.0	.0	.0	-.1	.0	.0	.0	.0	-.1	.0	.0	-.1	.0	-.1	23	.3
5	BF	.4	4.9	.3	.0	.1	.0	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	4.9
6	BF	.1	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
7	BF	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.1	23	0.0
8	BF	-.1	-.2	.0	.0	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.2	23	0.0
9	BF	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	.0	-.1	.0	-.1	.0	-.1	-.1	-.1	.0	.0	.0	-.1	.0	.0	.0	23	0.0
10	BF	.0	.0	-.1	-.1	-.1	.0	-.1	.0	.0	.0	-.1	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	-.1	.0	23	0.0
11	BF	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	23	.2
12	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	2.6	.0	.2	.6	.0	.0	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	23	2.6
13	BF	.3	-.2	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	.0	.0	.3	.4	.5	.3	1.0	1.2	.0	-.1	-.1	-.1	-.1	23	1.2
14	BF	.0	-.1	-.1	-.1	.0	.0	.0	.0	-.1	-.1	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	23	0.0
15	BF	-.1	-.2	-.2	-.2	-.2	-.2	-.2	.0	1.3	3.0	5.4	3.9	3.2	2.4	-.1	-.2	-.1	-.1	-.2	-.2	-.1	-.1	-.2	23	5.4
16	BF	-.1	-.1	-.1	-.2	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	23	-.1
17	BF	-.1	-.1	.0	.0	-.1	-.1	.1	.0	2.6	1.3	.0	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	-.1	-.1	-.1	23	2.6
18	BF	.0	-.1	-.1	-.1	-.1	-.1	.0	4.6	8.0	1.5	2.3	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.1	.0	-.2	-.1	-.2	23	8.0
19	BF	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	.0	-.1	-.1	-.2	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	23	0.0
20	BF	.3	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	.0	.0	.0	.0	23	.3
21	BF	.0	-.1	.0	-.1	.0	.0	.0	.8	4.8	2.5	.3	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	23	4.8
22	BF	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	23	.1
23	BF	.5	.3	.0	-.1	-.1	.0	.7	.1	.0	.0	-.1	-.1	.0	-.2	-.1	-.2	-.1	-.2	-.1	-.1	-.1	.1	.1	23	.7
24	BF	.3	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	-.1	.0	-.1	.0	.0	.0	.0	23	.3
25	BF	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	23	0.0
26	BF	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.9	.3	23	.9
27	BF	.4	-.1	.0	.0	-.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.0	.0	.0	23	.4
28	BF	.2	.1	.0	.0	.0	-.1	.0	.0	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	22	.2
29	BF	.0	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.2	-.2	-.1	-.1	-.1	-.2	.0	23	0.0
30	BF	.0	.0	.0	-.1	.0	.0	-.1	.0	.0	.0	1.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.1
31	BF	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.3	.1	.2	1.1	1.3	.1	.0	.0	.0	-.1	-.1	.0	.0	23	1.3
NO.:		31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		.5	4.9	.3	0.0	.1	.2	.7	4.6	8.0	3.0	5.4	3.9	3.2	2.4	1.3	.3	1.0	1.2	.2	.1	.7	.9	.3		
AVG:		.06	.10	-.04	-.07	-.06	-.05	0.00	.16	.54	.34	.26	.13	.10	.09	.02	-.04	-.02	-.02	-.04	-.05	-.04	-.02	-.04		

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .06 MONTHLY MAX: 8.0

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

(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: SEPTEMBER 2017

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	.0	-.1	.0	.0	.0	.0	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	.0	.0	-.1	-.1	-.1	-.1	23	0.0
2	BF	.0	-.1	-.1	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	23	0.0
3	BF	.2	-.1	-.1	-.1	-.1	-.1	-.1	.1	.0	-.1	-.1	.0	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	23	.4
4	BF	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	23	.2
5	BF	.0	.0	.0	.1	.1	.1	.1	.0	.1	.0	.0	.0	.1	.0	.1	.0	.0	.0	.1	.2	.1	.0	.0	23	.2
6	BF	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	-.1	.0	-.1	.0	.0	.0	.0	.0	23	0.0
7	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1	.0	.1	.2	.9	.5	.0	.1	.0	-.1	-.1	23	.9
8	BF	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	23	.1
9	BF	.0	.0	.0	.0	.1	.0	.1	.1	.2	.2	.3	.1	.2	.1	.2	.1	.0	.1	.1	.2	.1	.0	.1	23	.3
10	BF	.4	.0	.1	.1	.2	.0	.1	.1	.0	.1	.1	.1	.1	.0	.1	.1	.0	.0	.1	.0	.1	.1	.1	23	.4
11	BF	.2	.1	.0	.0	.1	.0	.1	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	23	.2
12	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	-.1	.0	23	.1
13	BF	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	23	.1
14	BF	.0	.0	.0	-.1	.0	.0	.1	.2	.3	.3	.2	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.1	.1	23	.3
15	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	0.0
16	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
17	BF	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
18	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
19	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	23	0.0
20	BF	.0	.0	.0	.0	.0	.0	.0	AZ	AZ	AZ	.0	.0	.0	.7	3.3	.7	.3	.1	.0	.0	.0	.0	.0	20	3.3
21	BF	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	23	.1
22	BF	.1	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.0	.0	.0	23	.2
23	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0	.1	.0	.0	.1	.2	.2	.0	23	.2
24	BF	.5	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0	23	.5
25	BF	.1	.0	.0	.1	.0	.0	.0	BA	.2	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.4	.3	22	.4
26	BF	.2	.5	.3	.2	.1	.2	.2	.2	.3	.2	.2	.2	.1	.2	.1	.1	.1	.1	.1	.2	.2	.1	.1	23	.5
27	BF	.1	.4	.3	.3	.2	.2	.2	.3	.3	.3	.3	.2	.2	.2	.2	.1	.1	.1	.1	.1	.2	.2	.2	23	.4
28	BF	.3	.5	.5	.5	.4	.3	.7	.8	.7	.6	.4	.3	.3	.3	.1	.1	.2	.1	.2	.2	.2	.2	.1	23	.8
29	BF	.3	.7	.7	.6	.5	.4	.5	.5	.5	.4	.4	.5	.4	.5	.5	.4	.3	.3	.2	.3	.3	.2	.2	23	.7
30	BF	.2	.5	.6	.4	.3	.3	.4	.5	.5	.6	.5	.6	.4	.5	.3	.4	.3	.3	.3	.3	.6	.5	.3	23	.6
31																									0	
NO.:		30	30	30	30	30	30	30	28	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:		.5	.7	.7	.6	.5	.4	.7	.8	.7	.6	.5	.6	.4	.7	3.3	.7	.9	.5	.3	.3	.6	.5	.3		
AVG:		.10	.08	.08	.07	.06	.05	.08	.10	.12	.11	.08	.08	.09	.11	.19	.10	.07	.05	.05	.06	.07	.06	.04		

MONTHLY OBSERVATIONS: 686 MONTHLY MEAN: .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: 37-157-0099 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: OCTOBER 2017

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	.5	.5	.5	.4	.4	.3	.4	.4	.4	.4	.4	.4	.3	.4	.6	.6	.4	.5	.4	.3	.3	.3	23	.7
2	BF	.2	.5	.6	.4	.4	.5	.3	.4	.4	.5	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.4	.4	.4	23	.6
3	BF	.3	.5	.5	.4	.3	.3	.4	.5	.6	.5	1.1	.9	.4	.2	.4	.4	.5	.5	.4	.5	.9	.8	.4	23	1.1
4	BF	.2	.5	.5	.5	.5	.5	.5	.5	.6	.5	.5	.5	.4	.5	.4	.5	.5	.4	.3	.4	.4	.3	.4	23	.6
5	BF	.4	.5	.5	.5	.5	.5	.4	.5	.5	.8	.7	.6	.6	.6	.6	.6	.5	.6	.8	.8	.5	.5	.4	23	.8
6	BF	.3	.6	.5	.5	.5	.6	.7	.9	1.0	.7	.6	.8	.9	.8	.6	.5	.4	.5	.4	.3	.3	.4	.3	23	1.0
7	BF	.2	.4	.5	.5	.3	.3	.2	.2	.3	.3	.3	.2	.2	.2	.1	.2	.1	.1	.2	.2	.1	.1	.1	23	.5
8	BF	.1	.3	.3	.2	.2	.2	.2	.3	.3	.3	.3	.2	.2	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	23	.3
9	BF	.0	.1	.2	.2	.1	.1	.0	.1	.1	.0	.0	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	23	.2
10	BF	.1	.3	.3	.3	.2	.2	.4	.3	.3	.2	.2	.2	.9	.2	.3	.8	.3	.1	.1	.2	.1	.1	.1	23	.9
11	BF	.2	.3	.3	.3	.2	.2	.2	.2	.2	.2	1.0	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.2	.2	23	1.0
12	BF	.2	.3	.4	.4	.3	.3	.3	.2	.1	.1	.2	.2	.1	.2	.3	.1	.2	.2	.0	.1	.1	.0	.1	23	.4
13	BF	.1	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.0	.2	.1	.1	.1	.2	.1	23	.3
14	BF	.1	.2	.3	.3	.2	.2	.2	.2	.2	.2	.1	.1	.2	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	23	.3
15	BF	.6	.4	.4	.4	.3	.1	.2	.3	.2	.2	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	23	.6
16	BF	.1	.3	.4	.3	.2	.1	.2	.2	.3	.3	.2	.3	.3	.3	.3	.2	.3	.3	.3	.3	.3	.4	.3	23	.4
17	BF	.3	.5	.5	.5	.4	.5	.5	.6	.7	.8	.8	.8	.8	.7	.8	.7	.7	.6	.5	.6	.5	.5	.4	23	.8
18	BF	.4	.5	.5	.5	.4	.4	.3	.3	.5	.5	.5	.7	.6	.5	.5	.6	.6	.6	.5	.5	.5	.5	.4	23	.7
19	BF	.3	.5	.5	.5	.5	.6	.4	.3	.6	.8	1.4	1.3	.9	.9	.8	.8	.7	.6	.7	.6	.6	.5	.5	23	1.4
20	BF	.4	.5	.8	.9	1.0	.9	.8	.7	.6	.6	.6	.6	.6	.6	.6	.5	.6	.5	.4	.6	.5	.5	.4	23	1.0
21	BF	.2	.5	.5	.5	.5	.4	.4	.5	.6	.6	.6	.7	.7	.7	.7	.7	.5	.5	.5	.5	.5	.5	.4	23	.7
22	BF	.7	.5	.5	.5	.4	.5	.4	.5	.7	.5	.6	.5	.5	.5	.4	.4	.5	.3	.4	.3	.4	.4	.4	23	.7
23	BF	.3	.4	.4	.5	.4	.4	.3	.2	.2	.2	.2	.3	.3	.2	.3	.3	.1	.1	.1	.1	.1	.1	.1	23	.5
24	BF	.1	.2	.3	.3	.2	.3	.3	BA	.1	.2	.1	.2	.2	.2	.3	.3	.2	.2	.2	.2	.2	.2	.3	22	.3
25	BF	.3	.4	.5	.5	.5	.5	.4	.6	.4	.3	.4	.3	.5	.5	.4	.4	.4	.5	.4	.5	.5	.4	.4	23	.6
26	BF	.4	.6	.6	.6	.5	.6	.5	.7	.7	.8	.8	.8	.7	.7	.7	.6	.6	.6	.4	.5	.5	.5	.6	23	.8
27	BF	.4	.3	.2	.3	.2	.7	.9	1.0	.9	.8	.8	.8	.9	1.0	1.0	.8	.6	.6	.6	.5	.5	.5	.5	23	1.0
28	BF	.5	.5	.4	.2	.2	.2	.3	.5	.5	.5	.4	.2	.2	.3	.1	.2	.2	.2	.2	.3	.3	.2	.2	23	.5
29	BF	.5	.1	.0	.1	.0	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.2	.1	.1	.1	.2	.3	23	.5
30	BF	.8	1.2	.7	.7	.7	.6	.6	.7	.6	.6	.6	.7	.8	.8	.8	.8	.8	.8	.8	.8	.7	.7	.7	23	1.2
31	BF	.5	.5	.6	.6	.5	.7	.6	.7	.8	1.0	1.0	1.0	.9	.8	.8	.8	.8	.8	.7	.7	.7	.6	.5	.4	23	1.0
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:		.8	1.2	.8	.9	1.0	.9	.9	1.0	1.0	1.0	1.4	1.3	.9	1.0	1.0	.8	.8	.8	.8	.8	.9	.8	.8		
AVG:		.32	.43	.44	.43	.36	.39	.37	.43	.44	.44	.50	.47	.46	.42	.42	.43	.39	.37	.35	.36	.35	.34	.32		

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .40 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: 37-157-0099 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: NOVEMBER 2017

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	.5	.6	.5	.5	.4	.5	.6	.7	.7	.7	.8	.8	.8	.7	.7	.6	.5	.6	.5	.5	.6	23	.8
2	BF	.5	.4	.3	.3	.4	.5	.4	.6	1.0	.7	.7	.4	.4	.3	.3	.5	.4	.4	.2	.2	.2	.2	.2	23	1.0
3	BF	.2	.2	.2	.1	.1	.2	.1	.1	.2	.3	.2	.2	.1	.2	.2	.2	.1	.2	.0	.1	.1	.1	.0	.1	23	.3
4	BF	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.2
5	BF	.6	.1	.0	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.0	.1	.1	.0	.0	.1	.1	.1	.0	.0	23	.6
6	BF	.1	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	23	.2
7	BF	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.1	23	.2
8	BF	.2	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.2
9	BF	.2	.0	.1	.1	.2	.1	.1	.2	.1	.1	.1	.1	.1	.3	.3	.2	.1	.1	.2	.2	.2	.1	.1	23	.3
10	BF	.2	.1	.2	.3	.4	.5	.6	.5	.3	.3	.2	.3	.3	.4	.4	.5	.4	.5	.4	.5	.4	.4	.4	23	.6
11	BF	.6	.6	.8	.8	.8	.8	.8	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.6	.8	.7	.7	.6	23	.8
12	BF	.9	.5	.5	.5	.6	.5	.6	.7	.6	.7	.8	.8	.9	.9	.9	.7	.5	.5	.4	.5	.4	.4	.3	23	.9
13	BF	.4	.4	.4	.3	.4	.3	.3	.4	.3	.4	.4	.3	.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	.4	23	.4
14	BF	.3	.4	.3	.4	.4	.4	.5	.6	.7	.5	.5	.5	.4	.4	.4	.4	.4	.4	.3	.4	.3	.3	.2	23	.7
15	BF	.3	.2	.3	.3	.3	.2	.4	.3	.4	.5	.5	.5	.5	.5	.6	.6	.6	.5	.4	.5	.4	.4	.4	23	.6
16	BF	.4	.4	.4	.4	.3	.3	.6	.5	.4	.4	.4	.4	.5	.5	.5	.5	.6	.5	.6	.4	.4	.5	.4	23	.6
17	BF	.5	.5	.5	.5	.4	.4	.5	.5	.6	.6	.6	.6	.7	.6	.6	.6	.6	.6	.5	.5	.5	.6	.6	23	.7
18	BF	.6	.5	.5	.6	.6	.9	1.0	1.2	.9	.9	.9	.8	.8	.7	.6	.5	.5	.7	.6	.6	.6	.7	.5	23	1.2
19	BF	.8	.3	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.4	.4	.5	.4	.6	.4	.5	.4	.4	.4	23	.8
20	BF	.5	.5	.5	.6	.5	.6	.7	.7	.7	.8	.7	.7	.7	.8	2.0	2.6	1.6	1.1	.8	.7	.8	.8	.7	23	2.6
21	BF	1.3	1.9	1.9	1.5	1.3	1.2	1.3	1.7	1.7	BA	1.3	1.2	1.1	1.1	1.3	1.2	1.2	1.0	.7	.8	.9	.9	.6	22	1.9
22	BF	.5	.5	.4	.4	.4	.4	.4	.5	.7	.9	.8	.7	.6	.5	.4	.5	.5	.6	.6	.6	.7	.6	.5	23	.9
23	BF	.5	.5	.6	.6	.6	.6	.6	.7	.8	1.2	1.4	1.5	1.3	1.0	1.0	1.1	1.0	.9	.9	.9	.8	.8	.7	23	1.5
24	BF	.7	.6	.7	.7	.7	.6	.7	.7	1.2	1.4	1.7	1.6	2.6	3.7	2.0	1.4	1.3	1.2	1.1	1.1	1.2	.9	1.1	23	3.7
25	BF	.8	.8	1.3	1.2	1.1	1.0	1.0	1.5	1.6	3.0	2.1	1.6	1.0	1.1	2.4	5.8	3.2	.9	.8	.8	.8	.9	.9	23	5.8
26	BF	1.2	.7	.7	.7	.6	.6	.6	.6	.7	.7	.6	.7	.7	.7	.7	.8	.7	.6	.6	.6	.6	.7	.5	23	1.2
27	BF	.7	.6	.6	.9	1.0	.9	1.0	.8	.9	.9	.9	.9	.9	.9	.8	1.2	1.6	1.2	.9	.8	.9	.8	.8	23	1.6
28	BF	.8	.9	.8	.9	.8	.7	.9	.8	1.9	1.6	1.1	1.0	1.1	.9	.8	.9	.9	.9	.9	.9	.9	1.0	1.3	23	1.9
29	BF	2.5	1.6	1.2	.9	.9	.9	1.0	.8	.9	1.0	1.0	1.1	1.0	1.0	1.2	2.3	1.7	1.3	1.0	.9	.8	.9	.8	23	2.5
30	BF	.8	.8	.6	.7	.6	.5	.7	.8	1.0	1.2	1.3	1.3	1.1	1.0	1.0	1.0	1.0	1.1	1.1	.9	.8	.9	1.0	23	1.3
31																									0	
NO.:		30	30	30	30	30	30	30	30	30	29	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:		2.5	1.9	1.9	1.5	1.3	1.2	1.3	1.7	1.9	3.0	2.1	1.6	2.6	3.7	2.4	5.8	3.2	1.3	1.1	1.1	1.2	1.0	1.3		
AVG:		.60	.49	.49	.50	.48	.47	.53	.56	.65	.69	.68	.64	.64	.67	.70	.87	.71	.59	.50	.51	.50	.50	.48		

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .58 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

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: DECEMBER 2017

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	.7	.6	.6	.5	.5	.5	.6	.6	.8	.7	.7	.5	.6	.5	.5	.6	.6	.6	.7	.7	.6	.6	23	.8
2	BF	.7	.5	.6	.6	.5	.5	.6	.5	.6	.6	.7	.6	.7	.7	.6	.7	.6	.6	.5	.5	.4	.5	.5	23	.7
3	BF	.7	.4	.5	.4	.4	.4	.3	.4	.5	.5	.6	.6	.7	.6	.6	.6	.5	.6	.5	.7	.8	.6	.5	23	.8
4	BF	.6	.5	.5	.5	.5	.4	.5	.5	.6	.8	1.3	.9	.9	.9	1.0	.9	.8	.9	.8	.7	.7	.7	.7	23	1.3
5	BF	.6	.6	.5	.5	.5	.6	1.1	1.8	1.3	1.7	.9	.7	.8	.8	.6	.5	.8	.6	.4	.5	.4	.2	.2	23	1.8
6	BF	.3	.3	.3	.3	.2	.3	.2	.2	.3	.3	.3	.3	.4	.5	.5	.5	.5	.4	.5	.4	.5	.7	.9	23	.9
7	BF	.9	.9	.9	.9	.9	1.0	.9	1.0	.9	1.0	1.0	1.0	1.5	2.6	1.2	1.0	1.0	1.0	.9	.9	.9	.8	1.0	23	2.6
8	BF	1.3	.9	.9	.8	.7	.7	.7	.6	.6	.7	.5	.5	.5	.5	.5	.4	.5	.5	.6	.5	.4	.4	.5	23	1.3
9	BF	.5	.6	.5	.6	.5	.6	.5	.5	.5	.5	.6	.5	.6	.6	.5	.6	.5	.5	.5	.5	.6	.5	.7	23	.7
10	BF	.8	.6	.5	.7	.6	.7	.7	.6	1.3	.9	1.0	1.5	1.7	.9	.8	.8	.7	.8	.8	1.6	1.7	1.7	1.1	23	1.7
11	BF	.9	.8	.7	.7	.7	.8	.8	.8	.9	1.0	2.5	3.0	1.7	1.1	1.1	1.1	1.1	1.2	1.3	1.0	.9	.8	.8	23	3.0
12	BF	.8	.9	.9	.8	.9	1.0	.9	1.0	1.5	.9	.7	.6	.7	.7	.6	.7	.7	.8	.8	.9	.8	.8	1.0	23	1.5
13	BF	1.1	1.1	1.1	1.1	.9	.9	1.0	.9	.9	1.5	3.5	1.1	1.1	1.0	1.0	1.0	1.1	1.1	1.2	1.3	1.3	1.1	1.1	23	3.5
14	BF	1.3	1.3	1.3	1.4	1.4	1.5	1.4	1.5	1.6	2.2	2.3	1.0	1.0	1.1	1.1	1.1	1.1	1.0	.9	.9	.9	.9	.8	23	2.3
15	BF	.9	.9	.9	.9	1.1	1.2	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.4	2.1	6.0	2.7	1.3	1.1	1.0	1.0	1.1	1.0	23	6.0
16	BF	1.0	1.1	1.0	1.1	1.1	1.4	1.3	1.2	2.1	2.7	4.4	2.7	1.2	1.0	1.1	1.1	1.1	1.2	1.0	1.0	1.1	1.2	1.4	23	4.4
17	BF	1.4	1.1	1.2	1.1	1.2	1.1	1.0	1.1	1.0	1.1	1.0	1.0	1.0	1.0	1.1	1.2	1.0	1.0	1.1	1.0	1.0	1.0	.9	23	1.4
18	BF	.9	.8	.8	.8	.8	.9	.9	.9	1.0	1.5	2.7	2.3	1.8	2.1	3.2	.9	.8	.8	.9	.8	.7	.5	.6	23	3.2
19	BF	.6	.6	.6	.6	.5	.5	.5	BC	BC	BC	BC	.0	.0	.2	.0	.1	.3	.0	.3	.4	.4	.3	.1	19	.6
20	BF	.1	.0	.0	.0	.0	-.1	-.2	-.1	-.1	-.2	-.2	-.2	-.1	-.2	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.3	-.4	23	.1
21	BF	-.3	-.4	-.3	-.3	-.2	-.2	-.2	-.1	.0	.1	.2	.3	.3	.4	.3	.3	.1	.1	.1	.1	.1	.2	.1	23	.4
22	BF	.1	.0	.1	.0	.1	.0	.0	.0	.1	.1	.3	.3	.3	.3	.2	.1	.0	.1	.0	.0	.0	.0	.1	23	.3
23	BF	.4	.0	.0	.0	-.1	-.1	-.1	-.2	-.2	-.3	-.2	-.3	-.4	-.4	-.3	-.4	-.4	-.4	-.5	-.5	-.4	-.3	-.5	23	.4
24	BF	-.4	-.3	-.3	-.3	-.3	-.2	-.2	-.3	-.3	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.3	-.3	-.2	23	-.1
25	BF	-.2	-.2	-.1	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	2.7	3.2	.8	.0	.1	.2	.2	.2	23	3.2
26	BF	.3	.2	.3	.2	.2	.2	.1	.2	.3	.4	.5	.4	.4	.4	1.3	1.7	1.4	1.1	.7	.5	.3	.3	.4	23	1.7
27	BF	.7	.6	.6	.4	.3	.4	.4	.3	.4	.5	.6	.4	.4	.3	.3	.3	.2	.2	.3	.2	.3	.4	.3	23	.7
28	BF	.6	.8	1.1	1.6	1.4	1.5	1.8	1.4	1.0	.9	1.0	.9	.8	.7	.7	.7	.6	.5	.7	.6	.5	.7	.9	23	1.8
29	BF	.6	.5	.5	.5	.6	.6	.7	.7	1.0	4.8	5.5	2.6	2.1	2.4	2.4	1.6	1.2	1.0	1.0	.9	.8	.8	.7	23	5.5
30	BF	1.0	.9	.9	.7	.8	1.0	1.4	1.2	1.0	2.3	3.9	2.0	.6	.4	.6	.6	.7	.8	.8	.6	.4	.4	.4	23	3.9
31	BF	.6	.5	.6	.7	.7	.7	.6	.6	.6	.6	.5	.6	.4	.6	.5	.6	.5	.6	.6	.5	.5	.5	.6	23	.7
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:		1.4	1.3	1.3	1.6	1.4	1.5	1.8	1.8	2.1	4.8	5.5	3.0	2.1	2.6	3.2	6.0	3.2	1.3	1.3	1.6	1.7	1.7	1.4		
AVG:		.63	.55	.57	.58	.56	.61	.63	.64	.71	.97	1.27	.88	.74	.75	.78	.89	.75	.62	.58	.57	.56	.55	.55		

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: .69 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: 37-183-0014 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 2017

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	.5	.5	.4	.3	.3	.2	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.1	.1	.1	23	.5
2	.1	BF	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.1
3	.1	BF	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	23	.2
4	.1	BF	.1	.1	.1	.1	.1	.2	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.3	.3	.3	.3	.2	.2	23	.3
5	.2	BF	.2	.2	.2	.3	.3	.7	2.5	1.0	.3	.4	.3	.3	.4	.3	.4	.4	.4	.4	.3	.3	.4	.4	23	2.5
6	.4	BF	.6	1.0	.8	.8	.9	1.0	.8	.6	.6	.6	.5	.4	.4	.4	.3	.3	.3	.2	.3	.3	.3	.3	23	1.0
7	.3	BF	.4	.4	.4	.5	.7	.9	.7	.5	.5	.5	.4	.6	.7	.8	.7	.7	.8	1.0	1.2	1.5	1.6	1.1	23	1.6
8	.7	BF	.6	.6	.8	.9	.9	1.4	1.8	2.0	1.8	1.2	.8	.7	.7	.7	.7	.7	.7	.6	.6	.5	.5	.9	23	2.0
9	.8	BF	.8	.9	.9	.8	.7	.6	1.0	1.1	.9	.8	.8	.8	.7	.7	.7	.7	.7	.7	.7	.6	.5	.6	23	1.1
10	.6	BF	.5	.5	.5	.5	.5	.5	.6	.7	.7	.7	.6	.6	.6	.6	.5	.6	.7	.6	.6	.6	.5	.5	23	.7
11	.4	BF	.4	.3	.3	.3	.3	.4	.5	.4	.4	.4	.5	.5	.5	.5	.5	.4	.4	.4	.3	.3	.3	.2	23	.5
12	.2	BF	.2	.1	.1	.1	.2	.2	.3	.4	.4	.3	.2	.2	.2	AE	AE	.2	.3	.3	.3	.2	.3	.2	21	.4
13	.2	BF	.1	.2	.2	.1	.2	.3	.4	.7	.6	.5	.3	.3	.3	.4	.5	.3	.4	.3	.3	.3	.3	.4	23	.7
14	.4	BF	.5	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	23	.5
15	.3	BF	.2	.3	.2	.3	.3	.4	.4	.4	.4	.4	.5	.5	.5	.5	.4	.4	.4	.5	.5	.5	.5	.5	23	.5
16	.5	BF	.5	.5	.4	.4	.5	.4	.3	.4	.5	.4	.3	.3	.3	.3	.3	.4	.3	.3	.3	.3	.3	.3	23	.5
17	.3	BF	.2	.2	.2	.2	.2	.2	.3	.3	.2	.2	.2	.2	.2	.2	.3	.2	.3	.2	.3	.2	.2	.2	23	.3
18	.3	BF	.3	.3	.3	.3	.3	.3	.4	.3	.2	.1	.1	.1	BA	.2	.2	.3	.3	.3	.2	.2	.2	.2	22	.4
19	.2	BF	.2	.2	.2	.2	.3	.4	.5	.4	.7	.5	.6	.6	.6	.5	.5	.6	.8	.6	.5	.4	.4	.6	23	.8
20	.5	BF	.3	.2	.2	.2	.3	.3	.3	.3	.2	.2	.3	.3	.3	.3	.3	.2	.2	.2	.3	.3	.2	.2	23	.5
21	.2	BF	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.2
22	.1	BF	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.0	.0	.0	23	.1
23	.0	BF	.0	.0	.0	.0	.1	.1	.0	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.2
24	.1	BF	.1	.2	.3	.2	.2	.2	.3	.3	.5	.7	.7	.6	.5	.3	.2	.2	.2	.2	.2	.2	.2	.2	23	.7
25	.3	BF	.2	.2	.2	.2	.4	.6	.6	.6	.6	.7	.4	AE	.4	.4	.4	.5	.6	.4	.4	.4	.5	.4	22	.7
26	.4	BF	.4	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.2	.2	.2	.2	.2	23	.4
27	.2	BF	.2	.2	.2	.2	.3	.5	.6	.5	.3	.3	.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	23	.6
28	.2	BF	.3	.3	.3	.3	.3	.5	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	23	.5
29	.4	BF	.4	.4	.4	.4	.4	.4	.5	.7	.7	.7	.6	.6	.5	.5	.5	.5	.5	.5	.4	.3	.4	.4	23	.7
30	.4	BF	.3	.3	.3	.3	.4	.5	.4	.4	.3	.3	.3	.4	.4	.4	.5	.5	.6	.6	.5	.6	.6	.5	23	.6
31	.5	BF	.4	.4	.4	.4	.5	.6	.7	.7	.7	.7	.8	.8	.8	.7	.7	.8	.8	.8	.7	.7	.8	.8	23	.8
NO.:	31		31	31	31	31	31	31	31	31	31	31	31	30	30	30	30	31	31	31	31	31	31	31		
MAX:	.8		.8	1.0	.9	.9	.9	1.4	2.5	2.0	1.8	1.2	.8	.8	.8	.8	.7	.8	.8	1.0	1.2	1.5	1.6	1.1		
AVG:	.32		.30	.31	.31	.31	.34	.42	.50	.47	.43	.40	.36	.37	.37	.36	.36	.36	.39	.36	.36	.35	.35	.35		

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: .37 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: FEBRUARY 2017

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	BF	.6	.6	.5	.4	.5	.5	.7	.8	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.1	.9	.9	1.0	.5	.4	.4	23	1.1
2	.4	BF	.3	.3	.3	.3	.4	.6	.9	.8	.8	.7	.7	.8	1.0	1.0	.8	.8	.9	.8	1.0	1.1	1.2	1.0	23	1.2
3	.7	BF	.6	.4	.3	.3	.3	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.4	.4	.5	.7	1.2	1.5	1.3	23	1.5
4	1.1	BF	.8	1.1	.9	.9	.8	AE	AE	AE	AE	AE	.6	.6	.5	.5	.5	.5	.6	.6	.6	.5	.5	.5	18	1.1
5	.6	BF	.5	.5	.5	.5	.5	.5	.6	.7	.6	.6	.6	.6	.6	.6	.6	.6	.7	.7	.6	.5	.6	.7	23	.7
6	.6	BF	.5	.4	.4	.4	.6	.8	.8	.8	.8	.9	.8	.6	.5	.5	.5	.5	.6	.5	.5	.5	.5	.6	23	.9
7	.6	BF	.6	.5	.5	.6	.6	.7	.9	.9	.7	.7	.8	.7	.7	.7	.7	.7	.6	.5	.5	.4	.3	.3	23	.9
8	.3	BF	.3	.2	.1	.1	.2	.2	.3	.3	.3	.3	.2	.1	.2	.2	.2	.3	.3	.3	.2	.2	.2	.2	23	.3
9	.1	BF	.1	.1	.1	.1	.1	.3	.4	.3	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.3	.4	.5	.6	23	.6
10	.6	BF	.7	.6	.5	.5	.7	.6	AE	AE	AE	.8	.6	.6	.6	.6	.5	.5	.6	.6	.5	.6	.5	.5	20	.8
11	.6	BF	.6	.6	.6	.6	.5	.5	.6	.6	.6	.6	.6	.6	.5	.5	.5	.5	.6	.6	.5	.4	.3	.3	23	.6
12	.3	BF	.3	.3	.3	.4	.5	.5	.5	.5	.5	.4	.4	.3	.3	.3	.2	.2	.3	.2	.2	.2	.1	.2	23	.5
13	.2	BF	.2	.3	.4	.4	.3	.3	.3	.3	.4	.4	.5	.4	.5	.5	.6	.6	.5	.6	.7	.7	.7	.6	23	.7
14	1.1	BF	.9	1.6	1.4	.9	.7	1.0	1.9	.8	.8	.7	.7	.8	.8	.8	.9	1.0	1.0	1.0	1.0	1.1	1.1	.8	23	1.9
15	.6	BF	.7	.5	.5	.6	.9	.7	.4	.3	BA	.3	.3	.3	.3	.2	.2	.2	.3	.3	.4	.8	.5	.4	22	.9
16	.4	BF	.4	.4	.4	.6	.7	.9	.7	.6	.6	.6	.6	.5	.5	.4	.4	.5	.5	.5	.5	.7	.9	.8	23	.9
17	.6	BF	.5	.6	.7	.6	1.2	1.1	.7	.7	.6	.6	.6	.6	.6	.6	.5	.6	.6	.6	.6	.6	.6	.6	23	1.2
18	.6	BF	.6	.4	.3	.3	.3	.6	.7	.7	.8	.7	.7	.5	.5	.5	.6	.6	.7	.8	.8	.7	.3	.3	23	.8
19	.3	BF	.3	.4	.3	.3	.3	.5	.7	.9	.7	.6	.7	.8	.6	.4	.3	.3	.4	.4	.4	.4	.4	.3	23	.9
20	.3	BF	.6	.6	.4	.4	.4	.4	.5	.5	.5	.6	.5	.5	.4	.4	.4	.5	.5	.5	.5	.6	.6	1.5	23	1.5
21	1.5	BF	.8	.7	.5	.4	.4	.6	.7	.7	.5	.5	.5	.6	.6	.5	.4	.4	.4	.4	.4	.5	.4	.4	23	1.5
22	.3	BF	.3	.3	.2	.2	.3	.3	.4	.4	.3	.3	.3	.2	.2	.2	.2	.2	.3	.2	.2	.2	.2	.2	23	.4
23	.2	BF	.1	.2	.2	.1	.2	.2	.6	.6	.2	.2	.2	AX	AX	AT	AT	AT	.1	.1	.0	.0	.0	.0	18	.6
24	.0	BF	.0	.0	.0	.0	.1	.2	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	23	.3
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	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.3	.2	.2	.3	23	.3
27	.2	BF	.1	.2	.2	.2	.2	.4	.8	.8	.5	.3	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.2	.2	23	.8
28	.1	BF	.1	.1	.0	.0	.1	.1	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	23	.2
29																									0	
30																									0	
31																									0	
NO.:	28		28	28	28	28	28	27	26	26	25	27	28	27	27	27	27	27	28	28	28	28	28	28		
MAX:	1.5		.9	1.6	1.4	.9	1.2	1.1	1.9	.9	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.2	1.5	1.5		
AVG:	.47		.41	.43	.38	.36	.43	.48	.57	.54	.49	.47	.47	.46	.44	.43	.41	.43	.45	.45	.46	.48	.45	.46		

MONTHLY OBSERVATIONS: 630 MONTHLY MEAN: .45 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: MARCH 2017

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	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	23	.1
2	-.1	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	23	.1
3	.1	BF	.1	.0	.1	.1	.2	.6	.4	.3	.3	.3	.2	.1	.1	.1	.1	.2	.2	.2	.4	.3	.2	.2	23	.6
4	.2	BF	.2	.2	.2	.2	.1	.3	.4	.5	.5	.6	.7	.7	.5	.6	.4	.4	.5	.5	.4	.4	.4	.4	23	.7
5	.4	BF	.4	.4	.4	.4	.5	.5	.5	.4	.4	.5	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.3	.2	23	.5
6	.3	BF	.2	.1	.1	.1	.1	.3	.3	.3	.3	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	23	.4
7	.2	BF	.1	.1	.1	.0	.1	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
8	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.4	.3	.3	.3	23	.4
9	.2	BF	.3	.2	.1	.1	.3	.3	.4	.5	.4	.4	.2	.1	.1	.1	.1	.2	.3	.3	.3	.2	.2	.2	23	.5
10	.3	BF	.4	.4	.5	.5	.5	.5	.4	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	23	.5
11	.1	BF	.1	.1	.2	.1	.1	.2	.5	.7	.5	.3	.3	.3	.3	.3	.2	.3	.4	.4	.4	.3	.3	.5	23	.7
12	.5	BF	.4	.3	.3	.3	.3	.2	.2	.2	.3	.3	.3	.2	.2	.3	.3	.3	.3	.3	.2	.1	.1	.1	23	.5
13	.1	BF	.1	.1	.1	.1	.1	AE	AE	.4	.4	.4	.3	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	21	.4
14	.0	BF	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.3	.3	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	23	.3
15	.2	BF	.3	.2	.2	.1	.1	BA	.5	.7	.6	.5	.5	.5	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	22	.7
16	.3	BF	.3	.3	.4	.4	.5	.6	.6	.5	.6	.6	.6	.8	.7	.7	.6	.5	.5	.5	.5	.5	.4	.4	23	.8
17	.4	BF	.5	.3	.4	.6	.9	1.2	2.1	1.1	.8	.8	.8	1.1	1.1	.8	.7	.7	.7	.6	.6	.6	.6	.3	23	2.1
18	.2	BF	.2	.3	.4	.4	.3	.2	.2	.2	.2	.1	.2	.2	.3	.2	.2	.2	.1	.0	.0	.0	.0	.1	23	.4
19	.2	BF	.1	.1	.1	.1	.2	.7	.6	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.1	.1	.1	.1	23	.7
20	.0	BF	.1	.1	.0	.0	.4	.4	.4	.3	.2	.3	.3	.3	.3	.3	.3	.3	.2	.3	.3	.3	.3	.2	23	.4
21	.2	BF	.3	.3	.3	.4	.4	.5	.6	.6	.4	.4	.4	.4	.5	.5	.3	.1	.2	.3	.4	.4	.2	.1	23	.6
22	.0	BF	.0	.1	.3	.1	.0	.0	.5	.3	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	23	.5
23	.3	BF	.4	.3	.4	.4	.4	.3	.3	.3	.3	.4	.4	.4	.3	.3	.4	.3	.3	.3	.3	.2	.2	.2	23	.4
24	.2	BF	.1	.1	.1	.1	.2	.4	.4	.3	.2	.2	.1	.2	.2	.1	.1	.2	.2	.2	.3	.3	.2	.1	23	.4
25	.1	BF	.1	.1	.1	.2	.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.1	.2	.2	.4	.2	.0	.0	.0	23	.4
26	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	11	0.0
27	AE	AE	AE	AE	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.1	.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	.1	.0	.0	.0	23	.1
29	.0	BF	.1	.5	.3	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.5
30	.0	BF	.1	.2	.2	.2	.3	.2	.2	.3	.3	.1	.1	.1	.1	.1	.2	.2	.1	.1	.0	.0	.0	.0	23	.3
31	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.4	.5	.5	23	.5
NO.:	30		30	30	31	31	31	29	30	31	31	31	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	.5		.5	.5	.5	.6	.9	1.2	2.1	1.1	.8	.8	.8	1.1	1.1	.8	.7	.7	.7	.6	.6	.6	.6	.5		
AVG:	.15		.16	.16	.17	.16	.20	.27	.34	.28	.24	.23	.23	.23	.21	.20	.19	.19	.20	.21	.20	.19	.17	.16		

MONTHLY OBSERVATIONS: 695 MONTHLY MEAN: .21 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: 37-183-0014 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 2017

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.4	BF	.2	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	1.5	.5	.1	23	1.5
2	.3	BF	.1	.1	.1	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	23	.3
3	.0	BF	.0	.0	.0	.0	.0	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	23	.2
4	-.1	BF	-.1	-.1	.0	.0	.0	.0	BA	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	21	.1
5	.0	AN	.0	.0	.0	.0	.3	1.6	.6	.2	.1	.1	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	23	1.6
6	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	BA	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
7	.0	.0	.0	.0	.0	.0	.0	.0	BA	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
8	.1	BF	.1	.1	.1	.1	.2	.3	.3	.2	.2	.2	.2	.2	.2	.1	.2	.3	.4	.4	.4	.4	.3	.2	23	.4
9	.2	BF	.1	.1	.1	.2	.2	.4	.4	.5	.6	.3	.3	.3	.4	.3	.3	.3	.3	.4	.3	.3	.2	.2	23	.6
10	.2	BF	.2	.1	.1	.1	.1	.3	.3	BA	BA	.2	.2	BA	BA	.2	.2	.3	.3	.3	.2	.1	.0	.0	19	.3
11	.0	BF	.0	.0	.0	.0	.1	AX	AX	.1	.1	.1	.1	.1	.1	.0	.0	.1	.2	.2	.2	.2	.1	.0	21	.2
12	.0	BF	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	23	.2
13	.0	BF	.0	.1	.0	.0	.0	.2	.2	.3	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.3
14	.1	BF	.1	.0	.0	.5	.6	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.0	.0	.0	23	.6
15	.0	BF	.0	.0	.0	.0	.0	.0	.2	.5	.3	.2	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.5
16	.0	BF	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
17	.0	BF	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
18	.0	BF	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
19	.0	BF	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
20	.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
21	.0	BF	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
22	.0	BF	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	23	.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	-.1	.0	-.1	-.1	-.1	-.1	23	0.0
25	-.1	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	23	0.0
26	-.1	BF	-.1	-.1	-.1	-.1	.0	.2	.4	.1	.0	.0	.0	.0	.0	.0	.0	AE	.0	.0	.0	.0	.0	.0	22	.4
27	.0	BF	.0	.0	.0	.0	.0	.2	.3	.2	.2	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.0	.0	.0	23	.3
28	.0	BF	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.2	.3	.3	.1	.0	23	.3
29	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
30	.0	BF	.0	.0	.0	-.1	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
31																									0	
NO.:	30	2	30	30	30	30	30	29	26	27	29	30	30	29	29	30	30	29	30	30	30	30	30	30		
MAX:	.4	0.0	.2	.1	.1	.5	.6	1.6	.6	.5	.6	.3	.3	.3	.4	.3	.3	.3	.4	.4	.4	1.5	.5	.2		
AVG:	.03	-.05	.01	0.00	.01	.02	.05	.14	.14	.10	.08	.07	.07	.05	.05	.05	.04	.06	.05	.07	.07	.10	.04	.01		

MONTHLY OBSERVATIONS: 680 MONTHLY MEAN: .06 MONTHLY MAX: 1.6

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

(42401) Sulfur dioxide

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

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

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

SUPPORT AGENCY: (0776) North Carolina Dept Of 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 2017

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	-.1	BF	-.1	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	23	0.0
2	-.1	BF	-.1	-.1	-.1	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.3
3	.1	BF	.0	.2	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	23	.2
4	.1	BF	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
5	-.1	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
7	.0	BF	.0	.0	.0	.0	.1	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.1	23	.3
8	.1	BF	.0	.0	.0	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	23	.2
9	.1	BF	.1	.2	.2	.3	BA	.4	.4	BA	.4	.5	BA	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	20	.5
10	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.2	.1	.1	.0	.0	.0	23	.2
11	.0	BF	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	23	.2
12	-.1	BF	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	-.1	.0	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	23	0.0
13	.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
14	.0	BF	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	23	.2
15	.0	BF	.1	.1	.1	.1	.3	.2	.4	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.0	.0	.0	23	.4
16	.0	BF	.0	.0	.0	.0	.1	.1	.1	.2	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.0	23	.3
17	.0	BF	.0	.0	.0	.0	.2	.3	.2	.1	.0	.1	.1	.1	.1	.1	.1	.2	.1	.1	.3	.2	.5	.2	23	.5
18	.0	BF	.1	.3	.3	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	23	.3
19	.0	BF	.0	.0	.0	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	23	.3
20	.0	BF	.0	.0	.1	.1	.2	.4	.2	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	23	.4
21	.0	BF	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
22	.0	BF	.0	.0	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	23	0.0
23	-.1	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	BA	BA	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	21	-.1
24	-.1	BF	AL	AL	AL	AL	AL	AL	AL	AL	BA	BA	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	1	-.1
25	AL	AN	AL	AL	AL	AL	BC	BC	BC	BC	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14	0.0
26	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	23	.1
27	.1	BF	.0	.0	.0	.0	.1	.3	.3	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	23	.3
28	.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
29	.0	BF	.0	.0	.0	.0	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
30	.0	BF	.0	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
31	.0	BF	.0	.0	.0	.0	.0	.2	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
NO.:	30		29	29	29	29	28	29	29	28	30	30	29	29	29	30	30	30	30	30	30	30	30	30		
MAX:	.1		.1	.3	.3	.3	.3	.4	.4	.3	.4	.5	.2	.2	.2	.2	.2	.2	.2	.2	.3	.2	.5	.2		
AVG:	0.00		-.01	.01	.01	.02	.05	.09	.09	.05	.06	.06	.03	.03	.03	.03	.03	.03	.03	.02	.03	.02	.03	0.00		

MONTHLY OBSERVATIONS: 677 MONTHLY MEAN: .03 MONTHLY MAX: .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: JUNE 2017

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	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	23	.1
2	.0	BF	.0	.0	.0	.0	.3	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.2	.2	.4	.3	.2	.2	.1	23	.4
3	.0	BF	.0	.0	.0	.0	.3	.5	.3	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.2	.3	.3	.2	.1	23	.5
4	.1	BF	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
5	.0	BF	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0
6	-.1	BF	-.1	-.1	-.1	-.1	.0	.0	.0	.1	.0	.0	.0	.0	BA	.0	.1	.1	.0	.2	.0	.4	.3	.0	22	.4
7	.0	BF	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
8	-.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	0.0
9	.0	BF	.0	.0	.0	.0	.1	.1	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	23	.1
10	.0	BF	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	23	.1
11	.0	BF	.0	.0	.0	.0	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
12	.0	BF	.0	.0	.0	.0	.2	.3	.2	.2	.3	BA	BA	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	10	.3
13	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	.0	.0	.0	.0	.0	5	0.0
14	.0	BF	.0	-.1	.0	.0	.0	.1	.0	BA	.2	.1	.0	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	11	.2
15	AE	AE	AE	AE	AE	AE	AE	BA	BA	BA	BA	BA	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	BA	BA	0	
16	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	AE	AE	AE	AE	AE	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
17	BA	AE	AE	AE	AE	AE	AE	AE	AE	AE	BA	BA	BA	BA	BA	AE	AE	AE	AE	BA	BA	BA	BA	BA	0	
18	BA	BA	BA	BA	BA	BA	BA	AE	BA	BA	BA	BA	BA	BA	BA	AE	BA	BA	BA	BA	BA	BA	BA	BA	0	
19	BA	BA	BA	BA	BA	BA	BA	AV	-.4	-.3	BA	AE	AE	AE	AE	AE	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	10	-.3
20	-.3	BF	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.1	BA	BA	BA	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	20	-.1
21	6.1	BF	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	23	6.1
22	-.2	BF	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	23	0.0
23	-.2	BF	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	AE	AE	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	21	-.1
24	-.1	BF	-.1	-.1	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	AE	AE	-.2	-.2	-.2	-.2	-.2	-.2	-.2	21	-.1
25	-.2	BF	-.2	-.2	-.2	-.2	-.2	-.2	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	23	.2
26	.0	BF	.5	.8	.4	.2	.7	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.8
27	.0	BF	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	23	.2
28	-.1	AE	AE	AE	AE	AE	AE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18	0.0
29	.0	BF	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
30	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0
31																									0	
NO.:	24		23	23	23	23	23	24	25	24	23	22	22	22	20	20	22	23	23	24	24	24	24	24		
MAX:	6.1		.5	.8	.4	.2	.7	.5	.3	.2	.3	.1	.1	.2	.2	.1	.2	.2	.2	.4	.3	.4	.3	.1		
AVG:	.20		-.03	-.03	-.04	-.05	.03	.05	.01	0.00	.02	0.00	-.02	-.02	-.01	-.01	-.03	-.04	-.04	-.02	-.03	-.02	-.03	-.05		

MONTHLY OBSERVATIONS: 529 MONTHLY MEAN: -.01 MONTHLY MAX: 6.1

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

(42401) Sulfur dioxide

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 2017

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	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0
2	-.1	BF	.0	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	.0	.0	23	0.0
3	.0	BF	.0	.0	-.1	.0	.3	1.0	.6	.3	.2	BA	.1	.1	.1	.1	.0	.0	.0	-.1	-.1	.0	.0	-.1	22	1.0
4	.0	BF	.0	-.1	-.1	-.1	.0	.0	.0	.0	-.1	.0	.0	-.1	.0	-.1	-.1	-.1	-.1	.0	.0	.0	.0	-.1	23	0.0
5	-.1	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0
6	-.1	BF	.0	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	23	0.0
7	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	23	0.0
8	.0	AN	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	23	0.0
9	.0	AN	.0	-.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
10	.0	AN	.0	.0	-.1	.0	.0	.0	.0	.0	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	22	0.0
11	-.1	BF	.0	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	AE	AE	.0	.0	.0	.0	.0	21	0.0
12	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	AE	AE	AE	AE	AE	AE	AE	AE	.0	.0	15	0.0
13	.0	BF	.0	.0	.0	.0	.0	.1	.1	.0	AE	AE	AE	AE	AE	AE	AE	AE	AE	-.1	-.1	-.1	-.1	-.1	14	.1
14	-.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	0.0
15	.0	BF	.0	.0	.0	.0	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	23	.2
16	-.1	BF	.0	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	23	0.0
17	-.1	BF	.0	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	23	0.0
18	-.1	BF	.0	-.1	-.1	-.1	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
19	.0	BF	.0	-.1	-.1	-.1	.0	.0	.5	.4	.2	.1	.1	.0	.0	AE	AE	AE	AE	.0	.0	.0	.0	.0	19	.5
20	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	BA	11	.1
21	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	AE	AE	AE	AE	AE	BA	BA	BA	BA	BA	0	
22	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	AE	AE	AE	AE	AE	AE	.0	.0	.0	.0	4	0.0
23	.0	AN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	AE	AE	AE	AE	AE	AE	-.1	-.1	-.1	-.1	-.1	18	0.0
24	-.1	AN	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	AE	AE	AE	AE	.6	.0	.0	.0	.0	19	.6
25	.0	BF	.0	.0	.0	-.1	-.1	.0	.1	.0	.0	.0	.0	.0	.1	.3	.3	.3	.4	.4	.3	.1	.0	.0	23	.4
26	.0	BF	.0	.0	.0	.0	.0	.0	AN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
27	.0	BF	.0	.0	.0	.0	.0	.1	.0	.0	AX	AX	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	21	.1
28	.0	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	-.1	AE	AE	AE	AE	AE	AE	17	0.0
29	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	
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	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16	.2
NO.:	26		26	26	26	26	26	26	26	27	24	24	25	24	23	21	21	20	20	24	25	25	26	26		
MAX:	0.0		0.0	0.0	0.0	0.0	.3	1.0	.6	.4	.2	.1	.1	.1	.1	.3	.3	.3	.4	.6	.3	.1	0.0	0.0		
AVG:	-.04		0.00	-.05	-.05	-.05	-.01	.04	.05	.03	.01	0.00	0.00	-.01	0.00	.01	0.00	-.02	-.01	.01	-.02	-.03	-.03	-.04		

MONTHLY OBSERVATIONS: 563 MONTHLY MEAN: -.01 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: 37-183-0014 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 2017

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	.1	.0	.3	.7	.4	.2	.1	.1	.0	.0	.0	.0	AE	AE	AE	AE	AE	AE	AE	AE	15	.7
2	AE	AE	AE	AE	AE	AE	AE	AE	.4	.3	.2	.1	.1	.1	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	16	.4
3	.0	BF	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.0	23	.2
4	.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
5	.0	BF	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.5	.9	.2	23	1.5
6	.4	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	23	.4
7	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
8	.0	BF	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	23	0.0
9	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	23	0.0
10	-.1	BF	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	23	0.0
11	-.1	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	-.1
12	-.1	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	-.1
13	-.1	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	-.1
14	-.1	BF	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	-.1
15	-.1	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	23	-.1
16	-.2	BF	-.1	-.2	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	-.1
17	-.2	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	-.1
18	-.1	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	23	-.1
19	-.1	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	23	0.0
20	-.1	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.1	.1	.1	.2	.4	.2	.1	.0	.0	-.1	-.1	-.1	23	.4
21	-.1	BF	.0	-.1	-.1	-.1	.0	-.1	-.1	-.1	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0
22	-.1	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0
23	-.1	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0
24	-.1	BF	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	23	0.0
25	-.1	BF	.0	.0	.0	.0	-.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	23	.1
26	-.1	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	.0	-.1	.0	.0	.0	.0	-.1	-.1	23	0.0
27	.0	BF	.0	-.1	-.1	-.1	.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	.0	.0	.0	BA	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	-.1	-.1	22	0.0
29	-.1	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	-.1	-.1	.0	-.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0
30	-.1	BF	.0	-.1	-.1	.0	.0	.0	AZ	AZ	AZ	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	20	0.0
31	.0	BF	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	23	.2
NO.:	30		30	30	30	30	30	30	30	30	29	31	31	31	31	31	30	30	30	30	30	30	30	30		
MAX:	.4		0.0	0.0	.1	0.0	.3	.7	.4	.3	.2	.1	.1	.1	.1	.2	.4	.2	.1	.2	.3	1.5	.9	.2		
AVG:	-.06		-.04	-.06	-.06	-.06	-.04	-.02	-.01	-.01	-.02	-.03	-.03	-.03	-.03	-.03	-.01	-.03	-.03	-.04	-.03	0.00	-.03	-.07		

MONTHLY OBSERVATIONS: 694 MONTHLY MEAN: -.03 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: 37-183-0014 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 2017

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	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0
2	-.1	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	-.1
3	-.1	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	.0	-.1	-.1	-.1	-.1	.0	23	0.0
4	.0	BF	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
5	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	23	0.0
6	-.1	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	.1
7	-.1	BF	-.1	-.1	-.1	-.1	-.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
8	.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
9	.0	BF	.0	.0	.0	.0	.0	.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	.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	.0	.0	.0	.0	.0	23	0.0
11	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
12	.0	BF	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0
13	-.1	BF	.0	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	23	0.0
14	-.1	BF	.0	-.1	-.1	-.1	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
15	.0	BF	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	.0	23	0.0
16	.0	BF	.0	.0	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	-.1	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	23	0.0
17	.0	BF	.0	.0	-.1	.0	-.1	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0
18	-.1	BF	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	23	0.0
19	-.1	BF	.0	-.1	-.1	-.1	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	.0	.2	.6	.6	.3	.1	.0	.0	.0	.0	23	.6
20	.0	BF	.0	-.1	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
21	.0	BF	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
22	-.1	BF	.0	-.1	.0	.0	.0	.1	.1	.4	.6	.2	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.2	.0	23	.6
23	.0	BF	.0	.0	.0	-.1	.0	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.2	23	.4
24	.0	BF	.1	.0	.1	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.1	23	.2
25	.5	BF	.1	.0	.0	.0	BA	.5	.3	.1	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	22	.5
26	-.1	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	BA	BA	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	21	0.0
27	-.1	BF	.0	-.1	-.1	-.1	-.1	AX	AX	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	.1
28	.0	BF	.3	1.1	1.1	1.0	.7	2.4	1.6	.9	.9	1.0	.8	.6	.5	.2	.1	.0	.0	.0	.0	.1	.0	.1	23	2.4
29	.1	BF	.2	.3	.4	.3	.3	.4	.2	.2	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
30	.0	BF	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
31																									0	
NO.:	30		30	30	30	30	29	29	29	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	.5		.3	1.1	1.1	1.0	.7	2.4	1.6	.9	.9	1.0	.8	.6	.5	.2	.6	.6	.3	.1	0.0	.1	.4	.2		
AVG:	-.02		.01	0.00	.01	0.00	-.01	.12	.10	.05	.04	.03	.01	0.00	.01	0.00	0.00	0.00	0.00	-.02	-.03	-.02	-.01	-.02		

MONTHLY OBSERVATIONS: 685 MONTHLY MEAN: .01 MONTHLY MAX: 2.4

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

(42401) Sulfur dioxide

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

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

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

SUPPORT AGENCY: (0776) North Carolina Dept Of 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 2017

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	.3	.4	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	23	.4
2	.0	BF	.0	.0	.0	.0	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
3	.0	BF	.0	.0	.0	.0	.0	.2	.1	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
4	.0	BF	.0	.0	.0	.0	.0	.0	.5	.1	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	23	.5
5	.0	BF	.0	.0	.0	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	23	.2
6	.0	BF	.0	.0	.0	.0	.2	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
7	.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
8	-.1	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	-.1
9	-.1	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	-.1
10	-.1	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	-.1
11	-.1	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	AX	BC	BC	BC	BC	.0	.0	-.1	-.1	-.1	-.1	-.1	18	0.0
12	-.1	BF	.0	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0
13	-.1	BF	.0	.0	-.1	.0	-.1	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
14	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
15	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
16	-.1	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
17	.0	BF	.0	.0	.0	.0	.2	.4	.2	.1	.1	.1	.1	.1	.1	.1	.1	.3	.1	.1	.0	.0	.0	.0	23	.4
18	.0	BF	.0	.0	.0	.0	.2	.2	.4	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.0	23	.4
19	.1	BF	.1	.0	.0	.1	.2	.2	.4	.8	.3	.2	.1	.1	.1	.0	.1	.0	.2	.3	.2	.3	.2	.1	23	.8
20	.1	BF	.2	.2	.2	.2	.3	.3	.8	.4	.4	.3	.2	.3	.3	.3	.3	.2	.1	.1	.0	.1	.1	.1	23	.8
21	.0	BF	.1	.0	.0	.0	.0	.0	.3	.4	.2	.2	.2	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	23	.4
22	.0	BF	.0	.0	.0	.0	.0	.0	.2	.3	.2	.2	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	23	.3
23	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BA	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	0.0
24	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BA	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	0.0
25	.0	BF	.0	.0	.0	.0	.1	.1	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.5
26	.0	BF	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1	.2	.3	.3	.2	.2	.2	23	.3
27	.2	BF	.2	.2	.1	.2	.3	.3	.3	.6	.6	.5	.5	.5	.4	.4	.3	.3	.2	.2	.2	.2	.1	.0	23	.6
28	.0	BF	.0	.0	.0	.0	.0	.1	.5	.3	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.5
29	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
30	.0	BF	.1	.1	.1	.1	.1	.1	.2	.1	.0	.1	.1	.1	.1	.2	.1	.2	.2	.2	.1	.1	.1	.1	23	.2
31	.0	BF	.1	.0	.1	.1	.2	BA	BA	BA	.5	.6	.5	.5	.4	.5	.4	.3	.2	.1	.1	.0	.0	.1	20	.6
NO.:	31		31	31	31	31	31	30	30	30	31	31	28	28	30	30	30	31	31	31	31	31	31	31		
MAX:	.2		.2	.2	.3	.4	.3	.4	.8	.8	.6	.6	.5	.5	.4	.5	.4	.3	.2	.3	.3	.3	.2	.2		
AVG:	-.01		.01	0.00	.01	.03	.05	.08	.16	.11	.07	.07	.06	.06	.06	.05	.05	.04	.04	.03	.02	.02	.01	0.00		

MONTHLY OBSERVATIONS: 701 MONTHLY MEAN: .04 MONTHLY MAX: .8

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

(42401) Sulfur dioxide

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

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

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

SUPPORT AGENCY: (0776) North Carolina Dept Of 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 2017

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	BF	.1	.1	.1	.2	.2	.2	.2	.5	.5	.4	.5	.6	.5	.5	.4	.3	.2	.2	.1	.1	.0	.0	23	.6
2	.0	BF	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	23	.1
3	.0	BF	.1	.2	.2	.1	.2	.4	.5	.4	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	23	.5
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	.0	.0	.0	.0	.0	.0	.0	23	0.0
6	.0	BF	.0	.0	.0	.0	.0	.1	.0	.1	.0	.1	.0	.0	.1	.1	.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	.0	.0	.0	.0	.0	.0	23	0.0
8	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	AX	AX	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20	0.0
9	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
10	.0	BF	.0	.0	.0	.0	.1	.3	.6	.4	.4	.3	.3	.4	.4	.4	.3	.2	.1	.1	.1	.1	.2	.3	23	.6
11	.3	BF	.2	.2	.3	.4	.6	.3	.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	.1	.1	23	.6
12	.1	BF	.2	.1	.1	.1	.1	.2	.4	.3	.3	.2	.3	.4	.4	.3	.3	.3	.4	.2	.2	.3	.2	.2	23	.4
13	.1	BF	.1	.1	.1	.1	.1	.1	.2	.3	.3	.3	.4	.5	.6	.1	.1	.2	.1	.1	.0	.0	.1	.1	23	.6
14	.1	BF	.2	.2	.1	.2	.4	.8	.8	.7	.5	.5	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	.1	.1	23	.8
15	.1	BF	.2	.3	.4	.4	.2	.2	.4	.4	.4	.3	.2	.2	.2	.2	.2	.2	.3	.2	.2	.2	.3	.2	23	.4
16	.1	BF	.2	.2	.1	.2	.2	.3	.4	.5	.2	.2	.2	.2	.3	.4	.1	.4	.8	.7	.3	.6	.5	.3	23	.8
17	.2	BF	.2	.2	.2	.1	.1	.2	.2	BA	.3	.2	.2	.2	.3	.2	.3	.4	.5	.3	.2	.4	.5	.6	22	.6
18	.5	BF	.4	.3	.3	.2	.1	.2	.2	.3	.5	.4	.5	.4	.3	.3	.4	.4	.3	.2	.2	.2	.2	.3	23	.5
19	.2	BF	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.3
20	.1	BF	.2	.3	.3	.3	.4	.5	.3	.2	.2	.2	.2	.2	.2	.2	.3	.4	.5	.5	.4	.4	.5	.4	23	.5
21	.3	BF	.2	.2	.2	.2	.4	.3	.5	.6	.5	.4	.3	.3	.2	.2	.2	.3	.3	.3	.2	.2	.2	.1	23	.6
22	.1	BF	.2	.2	.1	.1	.1	.2	.3	.4	.8	.9	.9	.8	.7	.5	.6	.6	.6	.8	.6	.3	.3	.6	23	.9
23	.5	BF	.3	.3	.2	.2	.2	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.3	.2	.2	.3	.3	23	.5
24	.2	BF	.2	.2	.2	.2	.3	.3	.2	.3	.3	.5	.5	.4	.4	.4	.4	.5	.4	.3	.4	.5	.5	.7	23	.7
25	.4	BF	.6	.5	.6	.6	.6	.6	.6	.5	.4	.4	.4	.4	.3	.3	.3	.3	.4	.5	.4	.4	.4	.5	23	.6
26	.4	BF	.3	.3	.2	.2	.2	.3	.5	1.1	.5	.4	.3	.3	.2	.2	.3	.3	.2	.3	.4	.5	.4	.3	23	1.1
27	.3	BF	.3	.3	.3	.2	.4	.8	1.1	1.4	.9	.6	.5	.4	.4	.4	.4	.6	.7	.7	1.0	.8	2.1	1.3	23	2.1
28	.7	BF	.6	.5	.4	.3	.4	.6	.7	AZ	AZ	AZ	AZ	AZ	AZ	.4	.4	.6	.5	.9	.9	1.1	1.1	1.0	17	1.1
29	.8	BF	.8	.7	.6	.6	.8	.8	.9	.9	.8	.6	.5	.5	.5	.5	.6	.9	1.2	.7	.8	1.9	1.4	.9	23	1.9
30	.6	BF	.8	.4	1.0	.4	.6	.4	.6	.8	.7	.7	.6	.5	.6	.5	.5	.6	1.1	.8	.7	.9	.7	.6	23	1.1
31																									0	
NO.:	30		30	30	30	30	30	30	30	28	29	28	28	28	29	30	30	30	30	30	30	30	30	30		
MAX:	.8		.8	.7	1.0	.6	.8	.8	1.1	1.4	.9	.9	.9	.8	.7	.5	.6	.9	1.2	.9	1.0	1.9	2.1	1.3		
AVG:	.21		.22	.20	.20	.18	.22	.28	.35	.39	.33	.30	.29	.28	.27	.24	.24	.29	.32	.29	.26	.32	.35	.30		

MONTHLY OBSERVATIONS: 680 MONTHLY MEAN: .28 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: 37-183-0014 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 2017

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	BF	.5	.6	.8	.6	.5	.8	1.1	.6	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	23	1.1
2	.3	BF	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	23	.3
3	.2	BF	.3	.2	.1	.1	.1	.2	.2	.6	.4	.6	.5	.5	.5	.4	.5	1.0	.4	.6	.4	.5	.3	.1	23	1.0
4	.1	BF	.1	.1	.1	.1	.2	.3	.2	.2	.5	.4	.3	.3	.3	.3	.3	.4	.6	.3	.3	.3	.3	.3	23	.6
5	.2	BF	.2	.2	.2	.3	.3	.3	.3	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	23	.3
6	.0	BF	.0	.0	.0	.0	.0	.2	.2	.3	.4	.4	.2	.6	AX	AX	AX	.3	.6	.5	.3	.2	.2	.2	20	.6
7	.2	BF	.4	.3	.3	.3	.4	.4	.5	.6	.7	.7	.5	.7	.7	.4	.4	.4	.7	.6	.5	.5	.5	.4	23	.7
8	.4	BF	.3	.2	.2	.2	.2	.2	.2	.3	.3	.3	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.4
9	.1	BF	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.3	.3	.5	.1	.1	.1	23	.5
10	.1	BF	.2	.2	.3	.3	.4	AE	AE	AE	.4	.2	.2	.3	.3	.2	.2	.3	.4	.5	.5	.4	.3	.3	20	.5
11	.2	BF	.2	.2	.2	.2	AE	AE	AE	AE	.7	.7	.6	.6	.6	.6	.5	.7	.6	.5	.5	.4	.4	.4	19	.7
12	.4	BF	.4	.4	.4	.4	.4	.4	.5	.6	.7	.6	.6	.5	.2	.2	.3	.4	.2	.2	.2	.2	.2	.2	23	.7
13	.3	BF	.3	.3	.3	.3	.5	.7	.8	.5	.5	.5	.5	.3	.3	.4	.6	.6	.6	.4	.4	.4	.5	.5	23	.8
14	.4	BF	.4	.4	.4	.5	.5	.6	.7	.6	.6	.6	.5	.5	.5	.5	.4	.7	.6	1.3	.9	1.3	1.6	.4	23	1.6
15	.4	BF	.4	.5	.6	.6	.6	.6	.9	.8	.8	.8	.7	.7	.7	.6	.7	.9	1.1	1.1	1.0	.8	.5	.4	23	1.1
16	.4	BF	.4	.4	.4	.4	.4	.5	1.4	1.7	1.0	.6	.6	.6	.8	.6	.5	.6	.7	.8	.8	.8	.7	.7	23	1.7
17	.6	BF	.6	.6	.6	.5	.5	.5	.6	.7	1.2	1.0	.9	.6	.6	.5	.5	.5	.5	.5	.4	.3	.3	.3	23	1.2
18	.3	BF	.2	.2	.2	.3	.6	.6	.6	.9	.7	.6	.6	.5	.4	.4	.4	.5	.6	.8	.8	.7	.7	.7	23	.9
19	.7	BF	.3	.2	.2	.3	.5	.6	.5	.3	.4	.3	.3	.4	.5	.4	.5	.7	.5	.5	.4	.4	.4	.4	23	.7
20	.4	BF	.4	.5	.5	.4	.4	.4	.3	.2	.3	.3	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.5
21	.1	BF	.1	.1	.2	.2	.2	.2	.3	.4	.6	.8	.8	.7	.6	.6	.6	.5	.7	.5	.4	.5	1.2	.9	23	1.2
22	.4	BF	.4	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.3	.2	.3	.4	.4	.3	.3	.3	.2	.2	23	.4
23	.2	BF	.2	.2	.2	.2	.2	.2	.4	.5	.4	.3	.3	.3	.2	.2	.2	.2	.2	.2	.3	.2	.2	.1	23	.5
24	.1	BF	.1	.1	.2	.1	.1	.1	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.2
25	.1	BF	.1	.1	.2	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.3	.4	.3	.3	.3	.5	.6	.4	.3	23	.6
26	.3	BF	.3	.3	.3	.3	.3	.4	.5	.8	1.5	.9	.9	1.3	1.2	1.1	1.0	.9	1.1	.9	.8	.7	1.1	.7	23	1.5
27	.7	BF	1.0	.9	.8	1.2	.5	.4	.4	.4	.4	.5	.5	.4	.5	.6	.8	.7	.5	.5	.5	.5	.5	.6	23	1.2
28	.8	BF	1.3	1.3	1.1	.9	.7	AE	AE	AE	.8	.7	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	20	1.3
29	.7	BF	1.0	.9	.7	.7	.7	.8	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	.9	1.1	1.2	1.5	1.4	1.1	1.2	1.1	23	1.5
30	.8	BF	.8	.7	.6	.7	.7	.8	.8	.9	.9	.8	.8	.7	.8	.9	.9	.8	.9	.9	.8	.6	.6	.7	23	.9
31	.7	BF	.6	.6	.7	.6	.7	.5	.5	.5	.5	.5	.5	.5	.5	.5	.6	.7	.7	.7	.7	.7	.7	.7	23	.7
NO.:	31		31	31	31	31	30	28	28	28	31	31	31	31	30	30	30	31	31	31	31	31	31	31		
MAX:	.8		1.3	1.3	1.1	1.2	.7	.8	1.4	1.7	1.5	1.0	1.0	1.3	1.2	1.1	1.0	1.1	1.2	1.5	1.4	1.3	1.6	1.1		
AVG:	.36		.38	.37	.37	.37	.38	.41	.50	.53	.56	.51	.46	.47	.45	.42	.44	.50	.52	.53	.49	.45	.47	.39		

MONTHLY OBSERVATIONS: 700 MONTHLY MEAN: .45 MONTHLY MAX: 1.7

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

QUALIFIER CODES:

Qualifier Code	Qualifier Description	Qualifier Type
2	Operational Deviation	QA
AE	Shelter Temperature Outside Limits	NULL
AI	Insufficient Data (cannot calculate)	NULL
AL	Voided by Operator	NULL
AM	Miscellaneous Void	NULL
AN	Machine Malfunction	NULL
AO	Bad Weather	NULL
AS	Poor Quality Assurance Results	NULL
AT	Calibration	NULL
AV	Power Failure	NULL
AX	Precision Check	NULL
AY	Q C Control Points (zero/span)	NULL
AZ	Q C Audit	NULL
BA	Maintenance/Routine Repairs	NULL
BC	Multi-point Calibration	NULL
BD	Auto Calibration	NULL
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

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