UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

User ID: XJBAPAT

RAW DATA REPORT

Report Request ID: 1395307

Report Code: AMP350

Dec. 15, 2015

GEOGRAPHIC SELECTIONS

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

PROTOCOL SELECTIONS

Parameter Classification	Parameter	Method	Duration
CRITERIA	42401		

SELECTED OPTIONS

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

SORT ORDER

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

DATE CRITERIA

Start Date	End Date
2013 01 01	2013 12 31

APPLICABLE STANDARDS

Standard Description
SO2 1-hour 2010

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5

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

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

LATITUDE: 35.4280000009
LONGITUDE: -76.74
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 0
PROBE HEIGHT: 184

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

REPORT FOR: JANUARY 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BD	1.9	1.8	1.7	1.6	1.9	1.8	1.7	1.9	1.6	1.7	1.6	1.7	1.8	2.0	1.8	1.6	1.5	1.8	1.5	1.4	1.3	1.3	1.3	23	2.0
2	BD	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.5	1.4	1.4	23	1.5
3	BD	1.6	1.7	2.1	2.0	2.0	1.9	1.9	1.9	2.0	2.3	2.5	2.5	2.5	2.5	2.4	2.1	2.0	1.9	1.7	1.5	1.4	1.3	1.2	23	2.5
4	BD	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.3	2.2	2.9	3.2	3.4	3.3	2.7	2.0	1.9	2.0	1.9	2.0	1.9	1.9	1.8	1.6	23	3.4
5	BD	1.8	2.0	1.9	2.0	1.7	1.7	1.7	1.7	2.2	2.5	2.3	2.2	2.1	1.9	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.7	1.8	23	2.5
6	BD	1.8	2.1	1.8	2.0	2.0	1.9	1.9	2.0	2.1	3.2	2.1	1.8	1.7	1.6	1.6	1.4	1.4	1.5	1.4	1.4	1.4	1.3	1.4	23	3.2
7	BD	1.4	1.3	1.3	1.2	1.2	1.3	1.3	1.3	1.7	2.3	2.4	2.3	2.1	2.0	2.0	2.0	1.8	1.7	1.5	1.5	1.5	1.4	1.4	23	2.4
8	BD	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.5	1.6	1.6	1.5	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.4	1.3	1.4	1.3	23	1.6
9	BD	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.4	1.5	1.5	1.4	1.4	1.4	1.3	1.4	1.4	1.3	1.3	1.4	1.3	23	1.5
10	BD	1.3	1.3	1.3	1.2	1.2	1.3	1.3	1.4	1.6	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.7	1.6	1.6	1.6	1.6	23	1.9
11	BD	1.7	1.6	1.6	1.5	1.5	1.4	1.3	1.4	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	23	1.7
12	BD	1.3	1.3	1.2	1.3	1.3	1.2	1.3	1.2	1.3	1.3	1.3	1.3	1.4	1.3	1.4	1.2	1.4	1.3	1.3	1.2	1.2	1.1	1.2	23	1.4
13	BD	1.3	1.2	1.2	1.1	1.2	1.1	1.1	1.2	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.3	1.3	1.5	1.5	23	1.5
14	BD	1.4	1.3	1.3	1.4	1.4	1.4	1.3	1.4	1.4	2.0	1.7	1.5	1.4	3.1	4.9	1.8	1.4	1.3	1.3	1.3	1.3	1.3	1.3	23	4.9
15	BD	3.9	2.8	1.9	1.5	1.3	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.1	1.1	1.2	1.2	1.1	1.1	1.1	23	3.9
16	BD	1.1	1.2	1.1	1.1	1.1	1.2	1.1	1.6	3.4	2.3	1.8	1.5	1.4	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.1	23	3.4
17	BD	1.2	1.1	1.8	2.1	1.8	1.7	1.5	1.4	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.1	1.1	1.1	23	2.1
18	BD	1.3	1.2	1.2	1.1	1.2	1.3	1.2	1.4	1.8	2.0	1.9	1.9	1.8	1.6	1.7	1.6	1.6	1.5	1.5	1.4	1.3	1.3	1.3	23	2.0
19	BD	1.3	1.4	1.3	1.3	1.3	1.4	1.3	1.4	1.6	1.8	1.8	1.7	7.6	5.4	2.7	2.9	1.8	1.5	1.5	1.6	1.6	1.6	1.9	23	7.6
20	BD	2.0	1.9	2.2	2.2	2.5	2.1	2.0	2.0	2.2	2.3	2.0	1.9	2.0	1.9	1.9	1.8	1.9	2.0	1.8	1.7	1.6	1.6	1.8	23	2.5
21	BD	1.3	1.3	1.2	1.2	1.4	1.4	1.3	1.4	1.6	1.7	1.7	1.7	1.6	1.7	2.4	2.7	3.2	2.2	1.9	2.1	2.0	1.8	1.8	23	3.2
22	BD	1.8	1.8	1.6	1.7	1.7	1.7	1.8	1.9	2.1	2.0	2.1	1.9	1.7	1.8	1.8	1.9	2.1	2.0	2.0	1.8	1.7	1.6	1.7	23	2.1
23	BD	1.7	1.6	1.8	2.1	2.0	1.9	1.9	2.6	2.9	2.5	2.4	2.5	2.5	2.4	2.4	2.3	2.4	2.4	2.6	2.4	2.3	2.2	2.5	23	2.9
24	BD	2.6	2.3	2.9	2.5	2.4	2.4	2.3	2.6	2.9	3.3	3.7	4.0	3.7	3.5	3.7	4.0	3.7	3.7	3.5	3.1	2.8	2.3	2.0	23	4.0
25	BD	2.3	2.4	2.3	2.2	2.3	2.7	3.0	3.0	4.6	5.1	4.7	4.3	4.1	3.1	2.4	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.8	23	5.1
26	BD	1.8	1.8	1.8	1.8	1.7	1.8	1.7	1.6	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.8	1.7	1.8	1.7	1.7	1.7	23	1.8
27	BD	1.9	1.8	1.7	1.7	1.7	1.8	1.7	1.8	2.1	3.1	3.7	3.6	3.3	3.4	3.3	3.4	2.8	2.2	2.2	2.1	2.1	2.0	2.1	23	3.7
28	BD	2.0	1.9	2.0	2.0	2.0	2.1	2.2	2.3	2.3	2.5	2.6	2.8	2.7	3.2	4.4	5.9	2.4	2.4	2.5	3.6	3.1	2.3	2.0	23	5.9
29	BD	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.2	2.4	2.6	2.6	2.7	2.6	2.3	2.2	1.9	2.0	1.9	1.8	1.8	1.9	1.8	1.8	23	2.7
30	BD	1.7	1.7	1.7	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	23	1.7
31	BD	1.4	AV	1.4	AV	1.5	1.4	1.4	1.4	1.4	1.5	1.4	1.5	1.6	1.6	1.6	1.7	1.7	1.6	1.7	1.6	1.5	1.6	1.5	21	1.7
NO.:		31	30	31	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		3.9	2.8	2.9	2.5	2.5	2.7	3.0	3.0	4.6	5.1	4.7	4.3	7.6	5.4	4.9	5.9	3.7	3.7	3.5	3.6	3.1	2.3	2.5		
AVG:		1.67	1.63	1.62	1.62	1.61	1.60	1.58	1.67	1.92	2.10	2.06	2.04	2.17	2.09	2.06	1.99	1.80	1.74	1.69	1.67	1.62	1.55	1.55		

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: 1.79 MONTHLY MAX: 7.6

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

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

REPORT FOR: FEBRUARY 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BD	1.6	1.7	1.6	7.6	4.8	2.5	2.3	2.3	2.3	2.3	2.1	1.9	2.0	2.0	2.1	2.2	2.3	1.9	1.8	1.7	1.7	1.8	1.9	23	7.6
2	BD	1.8	1.8	1.8	1.7	1.7	1.7	1.7	2.1	2.6	2.8	13.3	14.8	7.5	3.3	2.5	2.2	2.2	3.6	4.5	2.5	2.2	2.1	2.2	23	14.8
3	BD	1.9	2.0	1.9	1.9	1.9	1.8	1.8	1.9	1.9	1.9	2.0	2.2	2.3	2.2	2.1	2.1	2.1	2.3	2.2	1.8	1.8	1.8	2.0	23	2.3
4	BD	1.9	1.9	1.9	1.8	1.8	1.7	1.8	1.9	2.2	2.4	2.4	2.2	2.2	2.1	2.1	2.1	2.2	2.6	2.3	2.2	2.2	2.6	2.2	23	2.6
5	BD	2.2	5.8	7.3	10.1	5.7	3.3	3.7	3.2	3.1	2.9	3.0	3.2	2.2	2.3	2.4	2.4	2.3	2.6	3.0	2.9	2.3	2.3	2.1	23	10.1
6	BD	2.0	2.0	1.9	1.9	1.8	1.9	1.8	1.9	2.5	2.5	2.3	2.2	2.2	2.2	2.2	2.2	2.1	2.4	2.1	2.0	2.0	1.9	1.8	23	2.5
7	BD	1.8	1.9	1.9	1.9	1.9	1.9	2.0	2.2	2.3	2.5	2.6	2.5	2.4	2.3	2.3	2.1	1.8	1.7	1.7	1.8	1.8	1.8	1.7	23	2.6
8	BD	1.8	1.7	1.6	1.6	1.6	1.5	1.5	1.6	1.6	1.6	1.6	1.5	1.6	1.6	1.7	1.6	1.6	1.8	1.6	1.7	1.7	1.7	1.9	23	1.9
9	BD	2.1	2.1	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.7	1.8	1.7	23	2.1
10	BD	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	2.0	2.1	2.1	2.0	1.9	2.0	1.9	2.0	1.9	1.8	1.7	1.8	1.7	1.7	1.8	23	2.1
11	BD	1.7	1.7	1.8	1.8	1.7	1.8	1.7	1.7	1.7	1.7	1.7	1.7	2.4	2.1	5.3	2.9	2.8	3.8	2.7	10.2	3.0	2.3	2.0	23	10.2
12	BD	2.0	1.8	1.8	1.8	1.7	1.7	1.6	1.7	2.0	2.0	BA	BA	BA	2.0	2.0	1.8	1.8	1.8	1.8	1.7	1.6	1.9	1.7	20	2.0
13	BD	1.6	1.7	1.6	1.5	1.6	1.6	1.6	1.5	1.6	1.6	1.5	1.6	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.6	23	1.7
14	BD	1.7	1.6	1.6	1.6	1.7	1.7	1.7	1.7	2.2	2.9	3.2	4.6	5.4	4.0	4.0	4.2	3.3	2.5	2.3	2.2	2.0	2.1	1.8	23	5.4
15	BD	1.8	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.8	2.0	2.0	1.9	2.0	1.9	1.9	1.9	1.9	2.0	1.9	1.9	2.4	2.3	2.1	23	2.4
16	BD	3.2	3.2	2.3	2.1	2.0	1.9	1.8	2.0	2.1	2.1	2.1	2.0	2.0	2.0	2.1	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.6	23	3.2
17	BD	1.7	1.8	1.9	1.9	1.9	1.9	2.0	2.3	2.4	2.4	2.7	2.6	2.7	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.5	2.7	2.8	23	2.8
18	BD	2.5	2.4	2.3	2.0	2.0	2.0	2.0	2.3	2.6	3.1	2.7	2.6	2.5	2.3	2.3	3.0	2.4	2.5	2.4	2.6	2.6	2.4	2.3	23	3.1
19	BD	2.9	2.3	2.1	2.0	2.1	2.0	1.9	2.1	1.9	2.0	2.0	1.9	2.6	2.3	2.1	2.0	2.1	2.1	2.4	2.1	1.9	1.8	1.8	23	2.9
20	BD	1.9	1.8	1.8	1.8	2.0	1.9	1.9	1.9	2.0	2.1	2.1	2.1	2.1	2.2	2.0	2.1	2.1	2.1	2.0	2.0	2.0	1.9	1.8	23	2.2
21	BD	2.0	2.0	2.0	1.8	1.8	1.8	1.8	2.3	2.6	3.0	2.9	3.0	2.8	2.7	2.5	2.5	2.4	2.3	2.2	2.3	2.3	2.3	2.4	23	3.0
22	BD	2.4	2.4	2.5	2.7	2.3	2.2	2.0	2.2	2.3	2.4	2.4	2.4	2.3	2.2	2.4	2.1	2.0	1.9	1.9	1.9	1.9	1.9	1.9	23	2.7
23	BD	1.9	1.9	1.9	1.7	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.9	1.9	1.8	1.7	1.8	1.7	1.9	1.8	1.8	1.7	23	1.9
24	BD	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.9	1.7	1.9	2.0	2.2	2.2	2.4	2.4	2.4	1.8	1.7	1.7	1.8	1.7	1.7	23	2.4
25	BD	1.8	1.8	1.8	1.9	2.0	2.1	2.4	2.6	2.7	2.6	2.6	2.4	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.0	2.0	1.9	2.0	23	2.7
26	BD	2.0	2.0	2.0	1.9	1.9	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.9	1.8	1.9	1.8	1.8	1.7	1.7	1.8	1.8	1.8	1.7	23	2.0
27	BD	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.8	1.9	1.8	1.7	1.8	1.8	1.8	1.9	8.3	4.3	2.6	23	8.3
28	BD	2.3	2.1	2.0	2.1	2.1	2.0	1.9	2.1	2.2	2.1	2.0	1.8	1.8	1.8	2.0	2.0	1.9	2.0	2.0	2.0	1.9	1.9	2.0	23	2.3
29																									0	
30																									0	
31																									0	
NO.:		28	28	28	28	28	28	28	28	28	28	27	27	27	28	28	28	28	28	28	28	28	28	28		
MAX:		3.2	5.8	7.3	10.1	5.7	3.3	3.7	3.2	3.1	3.1	13.3	14.8	7.5	4.0	5.3	4.2	3.3	3.8	4.5	10.2	8.3	4.3	2.8		
AVG:		1.99	2.08	2.08	2.36	2.09	1.91	1.91	2.00	2.14	2.22	2.62	2.69	2.44	2.19	2.28	2.17	2.09	2.16	2.10	2.28	2.22	2.06	1.96		

MONTHLY OBSERVATIONS: 641 MONTHLY MEAN: 2.17 MONTHLY MAX: 14.8

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

REPORT FOR: MARCH 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BD	2.0	2.3	2.4	2.4	2.3	2.4	2.4	2.9	2.9	2.6	2.5	2.5	2.4	2.5	2.5	2.4	2.4	2.3	2.3	2.2	2.2	2.2	2.1	23	2.9
2	BD	2.1	2.2	2.1	1.9	1.9	1.8	1.9	2.3	2.6	2.6	2.5	2.5	2.4	2.4	2.3	2.2	2.2	2.4	2.7	2.3	2.3	2.1	2.1	23	2.7
3	BD	2.2	2.1	2.2	2.2	2.3	2.2	2.2	2.6	3.1	2.9	2.6	2.6	2.5	2.3	2.4	2.4	2.4	2.5	2.6	2.8	2.7	2.5	2.3	23	3.1
4	BD	2.1	2.1	2.2	2.1	2.2	2.3	2.3	2.3	2.6	2.5	2.2	2.2	2.2	2.3	2.6	2.6	2.8	2.9	2.6	2.6	2.4	2.6	2.4	23	2.9
5	BD	2.6	2.5	2.5	2.6	2.5	2.4	2.2	2.6	2.6	2.7	2.6	2.6	2.5	2.6	2.5	2.3	2.2	2.2	2.3	2.2	2.2	2.1	2.0	23	2.7
6	BD	2.2	3.5	2.9	2.5	2.2	2.0	2.1	2.3	2.6	2.5	2.3	2.2	2.2	2.2	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	23	3.5
7	BD	2.0	2.1	2.1	2.2	2.2	2.2	2.3	2.4	2.3	2.4	2.5	3.1	3.5	3.0	2.7	2.6	2.7	2.5	2.5	2.4	2.3	2.2	2.2	23	3.5
8	BD	2.6	2.5	2.3	2.3	2.3	2.2	2.7	2.9	3.0	2.5	2.4	2.3	2.2	2.1	2.1	2.1	2.2	2.1	2.3	2.3	2.7	2.7	2.9	23	3.0
9	BD	2.8	2.8	2.8	2.9	2.8	2.9	2.9	2.9	2.7	2.6	2.4	2.4	2.3	2.3	2.3	2.4	2.6	2.5	2.6	2.3	2.4	2.1	2.2	23	2.9
10	BD	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.3	2.2	2.2	2.1	2.1	2.1	2.0	2.1	2.2	2.1	2.0	2.0	2.0	2.0	2.0	23	2.3
11	BD	2.0	2.0	1.9	2.0	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	2.0	1.9	1.9	2.0	1.9	1.9	1.9	23	2.0
12	BD	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	2.0	2.2	3.3	3.2	5.2	2.5	2.1	2.3	2.2	2.2	2.1	23	5.2
13	BD	2.1	2.0	2.0	2.0	2.2	2.1	2.3	3.0	3.2	2.7	2.5	2.4	2.3	2.1	2.0	1.9	2.0	2.0	2.1	2.1	2.2	2.3	2.1	23	3.2
14	BD	2.5	2.6	2.5	2.5	2.6	2.8	2.9	2.7	2.5	2.4	2.2	2.2	2.3	2.4	2.1	2.2	2.2	2.2	2.5	2.3	2.4	2.2	2.2	23	2.9
15	BD	2.5	2.5	2.5	2.4	2.4	2.4	2.6	3.3	3.4	3.4	3.8	3.0	2.5	2.3	2.3	2.3	2.5	2.9	2.7	7.0	5.5	3.6	4.0	23	7.0
16	BD	3.2	3.4	3.2	3.0	2.7	2.5	2.5	2.8	2.9	3.0	2.9	3.0	2.8	2.7	3.5	2.6	2.7	2.5	2.6	2.7	3.1	2.9	2.9	23	3.5
17	BD	2.7	2.5	2.3	2.0	2.0	2.0	2.0	2.1	2.3	2.3	2.2	1.9	2.0	2.0	1.9	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	23	2.7
18	BD	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.9	1.9	1.8	1.9	1.9	1.8	1.9	1.9	1.8	1.8	1.8	1.8	1.8	23	1.9
19	BD	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	2.0	2.1	2.0	2.0	1.9	2.0	1.9	2.0	2.0	2.0	2.0	23	2.1
20	BD	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.4	2.5	2.4	2.3	2.2	2.2	2.2	2.6	2.8	2.3	2.3	2.3	2.2	2.2	2.1	2.0	23	2.8
21	BD	1.9	2.0	1.9	1.9	2.0	1.9	2.0	2.2	2.4	2.7	2.8	3.2	3.5	2.9	2.8	2.5	2.4	2.3	2.5	2.6	2.7	2.8	3.0	23	3.5
22	BD	3.1	3.0	2.7	2.6	2.8	2.6	2.8	2.8	2.7	2.6	2.6	2.6	2.5	2.5	2.5	2.6	2.6	2.5	2.5	2.7	15.2	7.3	3.6	23	15.2
23	BD	2.9	2.7	2.7	2.9	2.7	2.5	2.8	2.6	2.9	3.0	3.1	3.1	3.3	3.3	3.3	3.1	2.9	2.8	2.6	2.3	2.1	2.1	2.1	23	3.3
24	BD	2.1	2.0	2.1	2.0	2.0	2.1	2.2	2.1	2.1	2.2	2.2	2.1	2.2	2.2	2.1	2.0	2.1	2.1	2.0	2.1	2.0	2.0	2.0	23	2.2
25	BD	2.1	1.9	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.1	2.0	2.2	2.3	2.3	2.2	2.2	2.2	2.0	2.1	23	2.3
26	BD	2.2	2.3	2.2	2.2	2.2	2.1	2.2	2.4	2.8	3.0	3.0	3.0	3.0	3.1	3.2	3.4	3.3	3.2	3.1	2.9	2.8	2.7	2.7	23	3.4
27	BD	2.4	2.4	2.3	2.4	2.4	2.5	2.7	2.5	2.3	2.3	2.2	2.3	2.5	2.4	2.2	2.2	2.3	2.3	2.3	2.2	2.3	2.3	2.4	23	2.7
28	BD	2.4	2.5	2.4	2.4	2.3	2.4	2.7	2.6	2.5	2.3	2.4	2.3	2.3	2.3	2.2	2.1	2.3	2.3	2.3	2.2	2.1	2.2	2.2	23	2.7
29	BD	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.4	2.4	2.3	2.2	2.2	2.1	2.1	2.3	2.4	2.3	2.3	2.2	2.3	2.4	2.7	23	2.7
30	BD	3.2	6.7	8.1	4.0	3.5	3.2	3.4	3.3	3.1	2.9	2.8	2.9	2.7	2.7	4.3	2.7	2.7	2.8	2.6	2.6	2.7	2.5	2.4	23	8.1
31	BD	2.3	2.3	2.4	2.2	2.3	2.2	2.2	2.3	2.1	2.2	4.6	3.9	3.0	2.9	2.6	2.3	2.3	2.4	2.3	3.6	3.3	3.3	2.8	23	4.6
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:		3.2	6.7	8.1	4.0	3.5	3.2	3.4	3.3	3.4	3.4	4.6	3.9	3.5	3.3	4.3	3.4	5.2	3.2	3.1	7.0	15.2	7.3	4.0		
AVG:		2.33	2.47	2.47	2.31	2.28	2.25	2.33	2.46	2.53	2.47	2.51	2.46	2.44	2.39	2.46	2.35	2.45	2.35	2.34	2.48	2.84	2.48	2.36		

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: 2.43 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

CAS NUMBER: 7446-09-5

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

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

LATITUDE: 35.4280000009
LONGITUDE: -76.74
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 0
PROBE HEIGHT: 184

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

REPORT FOR: APRIL 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BD	2.4	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.1	2.2	2.4	2.3	2.2	2.3	2.1	2.2	2.2	2.1	3.0	2.5	2.2	2.1	2.2	23	3.0
2	BD	2.1	2.1	2.1	2.1	2.0	2.1	2.4	2.5	2.4	2.5	2.4	2.4	2.4	2.4	2.5	2.6	2.6	2.5	2.3	2.3	2.2	2.3	2.1	23	2.6
3	BD	2.1	2.2	2.2	2.3	2.4	2.4	2.5	2.6	2.6	2.6	2.8	2.8	2.7	2.8	2.7	2.6	2.6	2.7	2.7	2.5	2.4	2.4	2.3	23	2.8
4	BD	2.4	2.4	2.4	2.4	2.3	2.5	2.6	2.6	2.6	2.5	2.6	2.7	2.5	2.3	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.0	23	2.7
5	BD	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.1	2.0	2.1	2.0	2.0	2.0	2.0	2.0	1.9	23	2.1
6	BD	2.1	2.0	1.9	2.0	1.9	2.1	2.3	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.3	2.3	2.3	2.2	2.2	2.0	2.1	2.0	2.0	23	2.4
7	BD	2.0	2.1	2.0	2.0	2.0	2.1	2.0	2.0	2.1	2.2	1.9	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.0	2.0	2.0	23	2.2
8	BD	2.1	2.2	2.1	2.1	2.2	2.2	2.2	2.5	2.6	2.3	BA	2.2	2.1	2.2	2.1	2.2	2.2	2.1	2.1	2.1	1.9	2.0	1.9	22	2.6
9	BD	2.0	2.0	2.1	2.1	2.2	2.4	2.5	2.4	2.3	2.2	2.2	2.1	2.2	2.2	2.4	2.3	2.3	2.1	2.0	2.0	2.1	2.1	2.3	23	2.5
10	BD	5.3	4.9	3.3	2.7	2.5	2.4	2.4	2.4	2.4	2.4	2.3	2.3	3.5	2.6	3.0	2.4	2.3	2.0	2.0	2.2	3.0	5.3	11.2	23	11.2
11	BD	5.6	4.3	3.5	3.1	2.9	2.5	2.5	2.6	2.5	2.4	2.3	2.2	3.6	3.2	2.4	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	23	5.6
12	BD	2.1	2.0	2.0	2.1	2.0	2.0	2.0	3.7	2.8	2.3	2.2	2.0	2.0	2.1	2.1	2.0	2.3	4.1	2.6	2.3	2.5	3.4	3.2	23	4.1
13	BD	2.6	2.4	2.7	2.4	2.2	2.4	2.5	2.8	3.0	2.8	2.7	2.6	2.5	2.5	2.3	2.2	2.3	2.4	2.4	2.3	2.3	2.2	2.2	23	3.0
14	BD	2.2	3.6	3.0	2.6	2.4	2.1	2.7	2.9	3.0	2.9	2.7	2.6	2.3	2.2	2.3	2.2	2.3	2.4	2.3	2.2	2.2	2.2	2.3	23	3.6
15	BD	2.2	2.2	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.1	2.0	2.1	2.0	2.0	2.0	1.9	2.0	2.0	2.0	1.9	23	2.2
16	BD	2.1	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	1.9	23	2.1
17	BD	2.0	1.9	1.9	1.9	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	2.1	2.0	2.0	2.0	2.0	1.9	2.0	2.0	1.9	2.0	14	2.1
18	BD	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	2.0	23	2.0
19	BD	2.1	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.3	4.7	2.3	3.9	2.7	2.2	2.0	2.0	1.9	1.9	1.9	1.9	2.0	1.9	2.7	23	4.7
20	BD	2.5	2.9	3.3	2.4	2.1	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.1	2.0	2.0	2.0	2.0	2.0	1.9	1.9	23	3.3
21	BD	1.9	1.9	1.9	2.0	2.0	2.0	2.2	2.4	2.3	2.3	2.4	2.2	2.3	2.2	2.2	2.3	2.3	2.1	2.1	2.1	2.0	2.0	2.0	23	2.4
22	BD	2.1	2.0	2.0	2.0	2.1	2.0	2.0	2.1	2.0	2.0	2.1	2.0	2.0	2.0	1.9	2.0	2.0	2.0	1.9	2.0	2.0	2.0	1.9	23	2.1
23	BD	2.0	2.0	2.0	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	2.1
24	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	4.0	3.6	2.7	2.4	2.2	2.5	2.3	2.4	2.2	2.2	2.1	2.2	8.5	5.4	3.0	23	8.5
25	BD	2.6	3.6	5.5	3.5	2.9	2.8	2.7	2.5	2.3	2.4	2.3	2.3	2.3	2.2	2.3	2.3	2.4	2.2	2.2	2.1	2.1	2.1	2.1	23	5.5
26	BD	2.3	2.1	2.1	2.1	2.2	2.1	2.1	2.3	2.4	2.4	2.3	2.4	2.3	2.3	2.3	2.4	2.3	2.4	2.5	2.3	2.3	2.3	2.2	23	2.5
27	BD	2.2	2.1	2.1	2.1	2.1	2.2	2.2	2.4	2.4	2.5	2.4	2.5	2.5	2.5	2.5	2.4	2.5	2.5	2.5	2.4	2.5	2.2	2.2	23	2.5
28	BD	2.2	2.2	2.2	2.2	2.1	2.1	2.2	2.4	2.3	2.4	2.3	2.4	2.4	2.5	2.3	2.4	2.2	2.1	2.2	2.2	2.2	2.2	2.1	23	2.5
29	BD	2.2	2.2	2.1	2.1	2.1	2.1	2.0	3.5	2.7	2.5	2.3	2.3	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	23	3.5
30	BD	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.2	2.1	2.1	23	2.2
31																									0	
NO.:		30	30	30	30	29	29	29	29	29	29	28	29	29	30	30	30	30	30	30	30	30	30	30		
MAX:		5.6	4.9	5.5	3.5	2.9	2.8	2.7	3.7	4.0	4.7	2.8	3.9	3.6	3.2	3.0	2.6	2.6	4.1	3.0	2.5	8.5	5.4	11.2		
AVG:		2.38	2.39	2.36	2.21	2.16	2.16	2.21	2.39	2.40	2.43	2.29	2.33	2.33	2.27	2.23	2.20	2.19	2.22	2.17	2.13	2.36	2.34	2.45		

MONTHLY OBSERVATIONS: 680 MONTHLY MEAN: 2.29 MONTHLY MAX: 11.2

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

REPORT FOR: MAY 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	BF	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.1	2.1	2.1	2.0	2.2	2.1	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	22	2.2
2	BF	BF	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.2	2.2	2.1	2.1	22	2.2
3	BF	BF	2.1	2.1	2.0	2.1	2.2	2.0	2.2	2.2	2.3	2.3	2.3	2.2	2.3	2.2	2.2	2.1	2.2	2.1	2.1	2.1	2.1	2.1	22	2.3
4	BF	BF	2.1	2.2	2.1	2.2	2.1	2.2	2.1	2.2	2.1	2.1	2.0	2.1	2.1	2.1	2.2	2.1	2.2	2.1	2.1	2.1	2.1	2.0	22	2.2
5	BF	BF	2.1	2.1	2.1	2.1	2.2	2.2	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.2	2.2	2.2	2.1	2.2	2.2	2.1	22	2.2
6	BF	BF	2.2	2.1	2.1	2.1	2.2	2.1	2.2	2.2	BA	BA	BC	BC	BC	BC	-.1	-.2	-.2	-.2	-.2	-.3	-.3	-.4	16	2.2
7	BF	BF	-.2	-.3	-.3	-.3	-.3	-.3	-.1	.7	.4	.1	.9	1.1	1.6	.0	.1	.0	-.1	-.1	-.2	-.2	-.2	.2	22	1.6
8	BF	BF	.5	1.4	2.2	1.2	1.9	1.4	1.8	1.6	.8	.4	.2	.4	.4	.1	.1	.0	.2	.0	.0	-.1	.0	.4	22	2.2
9	BF	BF	.0	.2	.1	-.1	-.1	-.1	.1	.1	-.1	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.1	-.3	-.2	.3	1.1	22	1.1
10	BF	BF	.3	.0	.0	.0	.0	.1	.2	1.3	.2	-.1	-.1	-.1	.0	.0	.0	.3	.4	.2	.1	.0	-.1	-.2	22	1.3
11	BF	BF	-.1	-.2	-.1	-.2	.4	9.6	4.2	2.2	2.8	3.2	1.3	.4	.4	-.2	-.1	-.1	-.1	-.1	2.0	3.8	4.9	1.6	22	9.6
12	BF	BF	.7	.4	.3	.0	.0	-.1	-.2	-.1	-.2	-.2	-.2	-.3	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.1	-.2	22	.7
13	BF	BF	-.2	-.2	-.3	-.3	-.2	-.2	-.1	-.1	-.1	-.1	.2	.2	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.1	-.2	22	.2
14	BF	BF	-.2	-.3	-.2	-.2	-.2	.0	-.1	-.1	.0	.0	.0	-.1	.0	.0	.0	-.1	.1	.0	.1	.1	.0	-.1	22	.1
15	BF	BF	1.7	1.4	.4	.2	.9	4.8	1.0	.6	.4	.4	.5	.4	.9	1.0	.4	.4	.5	.4	10.5	4.0	1.3	.9	22	10.5
16	BF	BF	.9	.5	.3	.3	.3	.3	.3	.4	.3	.3	.3	.1	.1	.0	.0	.1	-.1	.1	.0	.0	.0	-.1	22	.9
17	BF	BF	.0	.0	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	-.1	-.2	-.1	-.1	-.2	-.1	22	.1
18	BF	BF	.0	-.1	-.3	-.2	-.1	.0	.2	.6	1.1	.2	.0	.0	.1	-.2	-.3	-.3	-.3	-.2	-.3	-.3	-.4	-.4	22	1.1
19	BF	BF	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.4	-.3	-.2	-.2	-.3	-.3	-.3	-.4	-.4	22	-.2
20	BF	BF	-.3	-.4	-.3	-.3	-.3	-.3	.1	2.3	.2	-.3	-.2	.9	.0	.0	.6	-.3	-.3	-.1	.8	.0	-.3	-.3	22	2.3
21	BF	BF	-.3	-.4	-.4	-.3	.1	5.8	.7	.1	.3	.4	1.3	6.3	1.6	.2	-.1	-.3	-.3	-.3	-.3	-.3	-.2	.4	22	6.3
22	BF	BF	1.8	1.3	.5	.1	.0	1.1	1.9	.7	.7	3.4	2.3	.1	-.1	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	22	3.4
23	BF	BF	-.3	-.3	-.3	-.3	-.5	-.4	-.3	-.4	-.4	-.3	-.4	-.4	-.4	-.5	-.3	-.3	-.3	-.3	-.3	6.4	.7	4.1	22	6.4
24	BF	BF	.3	.0	-.1	-.1	-.2	-.2	-.1	-.2	-.1	-.2	-.2	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.4	-.3	-.3	-.3	22	.3
25	BF	BF	-.3	-.2	-.3	-.2	-.1	-.1	-.1	.0	.1	.1	.2	.1	.1	.0	.0	-.1	.0	.0	.1	.0	1.6	.3	22	1.6
26	BF	BF	.0	.0	-.1	-.1	-.1	.5	.4	.2	.4	.5	.4	.4	.3	.2	.2	.1	.1	.2	-.1	-.1	-.2	-.3	22	.5
27	BF	BF	-.3	-.2	-.2	-.2	-.2	1.4	1.9	.7	.4	.2	.1	.1	.1	.1	.0	.1	.2	.2	.0	.0	.0	-.1	22	1.9
28	BF	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.5	2.5	3.3	.6	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	22	3.3
29	BF	BF	.6	4.1	6.3	1.7	.7	.5	.2	BA	BA	.3	2.1	1.3	-.2	-.2	-.3	-.4	-.4	-.4	-.3	-.2	-.3	-.4	20	6.3
30	BF	BF	5.3	3.2	.6	.6	4.9	9.8	.6	.1	.3	.0	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	22	9.8
31	BF	BF	11.8	10.2	.1	.0	.0	.0	.2	-.1	.6	.0	-.1	-.2	-.3	-.3	-.2	-.2	-.3	-.1	-.2	-.2	-.2	-.3	22	11.8
NO.:			31	31	31	31	31	31	31	30	29	30	30	30	30	30	31	31	31	31	31	31	31	31		
MAX:			11.8	10.2	6.3	2.2	4.9	9.8	4.2	2.3	2.8	3.4	2.3	6.3	2.3	2.2	2.2	2.2	2.2	2.2	10.5	6.4	4.9	4.1		
AVG:			1.10	1.05	.64	.44	.63	1.48	.81	.80	.73	.74	.65	.69	.48	.31	.29	.25	.26	.25	.65	.69	.49	.47		

MONTHLY OBSERVATIONS: 674 MONTHLY MEAN: .63 MONTHLY MAX: 11.8

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

REPORT FOR: JUNE 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	.4	2.9	13.9	2.3	.1	.2	.0	-.2	-.2	1.0	.7	-.2	-.3	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.2	-.2	10.5	23	13.9
2	BF	20.9	11.9	2.5	-.2	-.3	2.5	5.4	-.2	-.3	-.2	-.2	-.4	-.4	-.4	-.5	-.5	-.3	-.3	-.2	-.4	-.3	-.1	-.3	23	20.9
3	BF	-.2	-.4	-.3	-.4	-.3	-.2	-.3	-.3	.0	-.3	-.3	.0	4.5	2.0	2.3	-.1	.0	-.3	.2	-.1	1.5	5.6	1.6	23	5.6
4	BF	.4	.1	-.2	-.4	-.4	-.3	-.4	-.2	-.1	.1	.4	.2	.1	-.1	-.1	-.1	-.2	-.2	-.4	-.4	-.4	-.4	-.3	23	.4
5	BF	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.1	-.1	-.1	.0	BA	-.2	-.1	-.1	-.2	-.2	-.2	-.3	-.1	-.3	-.2	-.2	22	0.0
6	BF	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.2	.6	-.2	-.2	-.2	23	.6
7	BF	-.1	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.2	-.2	-.3	-.4	-.3	.1	-.3	-.3	-.3	-.2	-.3	-.3	-.3	23	.1
8	BF	.0	2.2	3.7	1.4	.7	.0	-.1	-.2	-.2	.1	-.1	-.2	-.2	.7	.8	-.2	-.3	-.3	-.4	-.2	-.2	-.2	2.0	23	3.7
9	BF	4.2	.2	2.5	3.7	1.8	1.0	.4	1.1	-.1	-.1	-.3	-.2	.0	.3	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.2	23	4.2
10	BF	-.1	-.2	-.3	-.2	-.2	-.2	2.1	1.0	.6	-.1	1.3	.5	-.2	-.2	-.2	-.2	-.3	-.1	2.2	5.0	3.8	-.1	.2	23	5.0
11	BF	7.5	.5	1.5	.0	-.2	-.3	-.3	-.2	-.2	-.2	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.3	-.1	-.3	-.1	-.2	-.2	23	7.5
12	BF	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.1	.4	.2	-.1	-.2	.0	-.1	-.2	-.1	.0	-.1	.0	.4	3.6	2.9	6.3	23	6.3
13	BF	.7	.3	.4	4.8	.5	4.3	10.0	4.2	3.3	.6	2.1	1.9	.0	.1	.7	.1	1.2	.2	-.2	.3	.9	-.2	2.3	23	10.0
14	BF	.0	-.1	-.2	-.2	-.2	-.2	-.1	-.1	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.0	-.2	-.2	-.2	-.1	23	0.0
15	BF	.0	5.4	.6	.2	.0	-.1	.0	-.1	.0	-.1	.2	.2	.1	.0	-.1	-.1	-.1	.0	8.0	4.7	9.4	2.2	1.6	23	9.4
16	BF	.1	.2	.3	.2	.1	.0	.0	-.1	-.2	-.1	.5	.2	-.2	-.1	-.1	.1	-.2	-.2	-.2	-.3	.4	19.6	1.1	23	19.6
17	BF	.0	-.1	.1	.0	-.1	.2	.2	.0	-.2	-.2	2.3	1.1	.5	-.1	.1	.2	.1	-.2	-.3	-.2	-.1	.7	2.9	23	2.9
18	BF	6.3	7.6	.4	.1	9.0	9.6	6.8	.9	.5	.3	.2	-.1	-.3	-.1	-.2	-.2	1.1	-.1	.0	-.1	.3	-.3	-.3	23	9.6
19	BF	-.2	-.3	-.3	-.3	-.3	.0	.1	.0	-.1	-.1	-.2	-.3	-.3	-.3	-.2	-.3	-.2	-.3	-.2	-.2	-.1	-.3	-.2	23	.1
20	BF	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.1	-.1	-.1	-.2	-.3	-.2	-.2	-.2	-.2	-.2	23	-.1
21	BF	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.3	-.3	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.3	-.2	-.3	-.2	-.2	-.2	-.2	23	-.2
22	BF	-.1	-.3	-.3	-.2	-.2	-.3	-.2	-.2	-.3	-.2	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	23	-.1
23	BF	-.2	-.3	-.2	-.2	-.3	-.2	.4	-.1	-.2	-.1	.9	.0	-.3	-.2	-.3	-.2	-.3	-.3	.0	-.3	-.2	-.2	.2	23	.9
24	BF	1.2	1.5	2.3	3.4	1.8	2.4	.2	-.1	.4	.1	.6	1.6	.5	-.2	1.1	1.5	.5	.0	-.1	.7	.3	5.1	1.0	23	5.1
25	BF	.5	.1	.0	-.2	-.2	-.2	.0	-.1	-.2	-.1	-.1	-.2	.2	1.6	3.7	3.6	.2	1.5	.0	-.1	-.1	-.2	3.9	23	3.9
26	BF	.9	.5	.2	-.1	-.1	.1	.3	.2	.0	-.1	-.2	.0	.4	1.5	.3	.1	.3	-.3	-.1	.9	2.0	2.7	.9	23	2.7
27	BF	1.0	.2	.0	-.1	4.5	5.3	7.2	1.0	.5	.5	1.1	1.0	.3	-.1	.3	.3	.0	-.2	.0	3.6	5.7	4.3	4.0	23	7.2
28	BF	2.7	5.3	5.2	5.5	.3	.0	.0	.0	-.1	-.2	-.2	-.3	-.2	-.2	-.3	.3	.0	.1	.0	.2	.2	-.2	3.3	23	5.5
29	BF	.2	.0	-.2	-.1	.0	.0	3.4	2.2	.3	.1	.2	.8	.1	.1	-.1	-.2	.5	-.1	-.3	-.3	-.3	-.3	-.3	23	3.4
30	BF	5.4	8.2	.2	-.1	.0	1.3	6.9	2.3	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.2	23	8.2
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:		20.9	11.9	13.9	5.5	9.0	9.6	10.0	4.2	3.3	1.0	2.3	1.9	4.5	2.0	3.7	3.6	1.2	1.5	8.0	5.0	9.4	19.6	10.5		
AVG:		1.68	1.47	1.01	.58	.48	.78	1.36	.33	.08	-.01	.23	.13	.07	.07	.16	.07	-.02	-.13	.18	.39	.80	1.27	1.28		

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .53 MONTHLY MAX: 20.9

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

(42401) Sulfur dioxide

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

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

CAS NUMBER: 7446-09-5
LATITUDE: 35.4280000009
LONGITUDE: -76.74
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 0
PROBE HEIGHT: 184

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

REPORT FOR: JULY 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	-.1	-.2	-.3	-.2	-.2	-.2	-.2	.6	.4	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.4	-.3	-.3	-.3	-.3	-.2	-.3	23	.6
2	BF	.3	-.2	-.3	-.3	-.2	-.2	-.3	-.2	-.2	BA	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.3	-.3	22	.3
3	BF	-.2	-.3	-.2	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	23	-.1
4	BF	-.1	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	23	-.1
5	BF	-.1	-.2	-.3	-.2	-.3	-.2	-.1	-.1	-.2	-.1	-.2	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.2	.7	12.1	23	12.1
6	BF	.8	.0	-.1	.0	1.2	.5	3.9	1.2	.6	.6	.6	-.1	-.1	-.2	-.2	-.1	-.1	.0	-.1	-.1	-.1	5.7	.5	23	5.7
7	BF	.1	.0	.0	8.8	16.7	18.1	12.9	.5	.6	.3	.1	.1	.0	.0	.1	.1	.0	.0	-.1	-.1	-.1	.1	13.1	23	18.1
8	BF	.7	2.5	.3	.0	-.1	.1	.1	.1	.1	.0	.1	.7	.4	1.1	.1	-.1	-.1	-.1	-.1	-.1	-.1	7.0	9.6	23	9.6
9	BF	13.9	6.6	1.4	3.2	.3	.1	.2	AV	.0	.2	1.4	.1	1.1	.1	.0	-.1	-.1	-.1	.0	-.2	-.1	9.5	1.8	22	13.9
10	BF	1.0	3.6	2.0	2.6	1.8	4.0	5.9	.4	.1	.0	.4	.5	.2	-.1	-.1	-.1	-.2	-.2	-.2	-.1	-.2	-.2	-.1	23	5.9
11	BF	.0	-.1	-.1	.0	.7	.2	.0	-.1	-.1	-.2	-.1	.0	1.0	-.1	-.2	-.2	-.3	-.2	-.2	-.2	-.2	2.3	.6	23	2.3
12	BF	2.3	.2	-.1	.8	1.7	2.6	2.1	1.1	.7	.2	.0	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.1	-.3	-.2	-.2	-.2	23	2.6
13	BF	.0	-.1	-.1	-.2	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	.0	.0	-.1	-.1	-.1	-.1	-.1	23	0.0
14	BF	.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	.1
15	BF	.0	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.1	.0	.0	.1	.0	-.1	.0	-.1	-.1	-.1	.0	-.1	2.3	23	2.3
16	BF	.3	.1	.1	.0	.0	.0	.5	.7	.6	.8	1.2	.9	.9	.7	.5	.4	.2	.2	.0	.0	.0	.1	.0	23	1.2
17	BF	.0	.0	-.1	-.1	-.1	-.1	-.1	.2	.2	.3	.2	.3	.9	1.2	.5	.2	.1	.1	.1	.0	.0	.6	.2	23	1.2
18	BF	.2	.0	.0	.1	.0	.0	.2	.7	AZ	AZ	AZ	AT	AT	.2	1.1	.5	.1	.1	.0	-.1	9.9	9.2	1.6	18	9.9
19	BF	.4	.2	.2	.2	.0	.1	.1	.1	.4	.3	.1	.1	.0	.0	.3	.3	.6	-.1	-.1	-.1	.0	10.6	6.4	23	10.6
20	BF	22.5	10.0	.7	.4	.3	.1	.1	.0	.1	.0	.0	.0	.0	.0	.1	3.5	.3	.1	.1	.4	6.6	2.6	2.8	23	22.5
21	BF	.5	1.0	10.5	2.2	2.5	6.2	.7	.4	.3	.2	.0	.1	-.1	.3	.4	.0	.0	.5	.6	.0	.0	.0	.8	23	10.5
22	BF	4.5	5.5	7.5	5.2	9.0	10.0	1.2	.4	.3	BC	BC	BC	BC	BC	.1	.1	3.6	3.1	3.8	.4	4.5	19.1	22.3	18	22.3
23	BF	1.6	.7	2.5	19.0	3.9	.8	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.9	.7	4.7	3.4	.7	23	19.0
24	BF	.3	.1	.1	.1	.1	.0	.0	.1	.5	.3	.2	.1	.2	.0	.1	.2	.7	.0	.0	.2	2.3	.1	.0	23	2.3
25	BF	.1	-.1	-.1	-.1	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1	.0	.0	-.1	.0	-.1	.1	23	.1
26	BF	.1	.1	.0	.0	.0	.1	.3	.6	.4	.3	.3	.3	.3	.4	.3	.2	.3	.3	.3	.2	.3	.3	.2	23	.6
27	BF	.2	.1	.1	.0	.0	.0	.1	.2	.2	.2	.1	.2	.2	2.2	.6	.1	.1	.1	.1	.1	.0	.1	.0	23	2.2
28	BF	.1	.0	.0	.0	.9	.6	.2	.0	.1	.0	.0	-.1	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	2.5	23	2.5
29	BF	1.7	3.0	1.3	1.9	.4	.1	.0	.1	.1	.1	1.0	.9	.3	2.1	2.7	8.3	3.4	1.8	.7	.9	.3	.3	.3	23	8.3
30	BF	.3	.2	.2	.2	.1	.1	.2	.4	.4	.4	.3	.2	.2	.2	.2	.2	.3	.2	.3	.2	.3	.3	.1	23	.4
31	BF	.2	.2	.2	.1	.1	.1	.1	.3	.3	.3	.3	.4	.5	.3	.2	.2	.2	.1	.1	.1	.1	.1	.1	23	.5
NO.:		31	31	31	31	31	31	31	30	30	28	29	29	29	30	31	31	31	31	31	31	31	31	31		
MAX:		22.5	10.0	10.5	19.0	16.7	18.1	12.9	1.2	.7	.8	1.4	.9	1.1	2.2	2.7	8.3	3.6	3.1	3.8	.9	9.9	19.1	22.3		
AVG:		1.67	1.05	.80	1.39	1.23	1.37	.89	.24	.18	.13	.18	.12	.17	.24	.18	.40	.25	.14	.15	.02	.86	2.27	2.47		

MONTHLY OBSERVATIONS: 701 MONTHLY MEAN: .72 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: 37-013-0151 POC: 1
COUNTY: (013) Beaufort
CITY: (03840) Bath
SITE ADDRESS: 229 NC Hwy 306N
SITE COMMENTS: PRIVATE INDUSTRY SITE NORTH SIDE-TEXAS GULF
MONITOR COMMENTS: 20

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

CAS NUMBER: 7446-09-5
LATITUDE: 35.4280000009
LONGITUDE: -76.74
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 0
PROBE HEIGHT: 184

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

REPORT FOR: AUGUST 2013

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	.3	.4	4.1	.5	.3	.1	.0	.0	.1	.1	.0	1.7	2.0	9.3	4.6	2.4	3.7	1.4	.6	.7	.3	23	9.3
2	BF	.4	.2	.2	.2	.1	.1	.2	.1	.1	.3	.7	2.0	.3	.1	.2	.2	.3	.2	.2	.2	1.9	3.4	.9	23	3.4
3	BF	10.1	6.0	.9	.7	.7	.5	.4	.3	.3	.2	.2	.2	.2	.3	.4	.1	.1	.1	.2	.1	1.7	.5	.3	23	10.1
4	BF	.4	.2	.1	.0	.1	.1	.2	.2	.4	.2	.4	.5	.4	.3	.5	.6	.5	.2	.2	.2	.1	.1	.2	23	.6
5	BF	.2	.2	.1	.2	.1	AV	.4	.4	.5	.4	.3	AV	.4	.2	.2	.3	.3	.3	.2	.2	.2	.2	.2	21	.5
6	BF	.3	.7	.6	1.5	1.1	.6	.8	.5	.3	.3	.4	.3	.3	.3	.3	.2	.3	.3	.2	.3	.2	.3	.2	23	1.5
7	BF	.4	.3	.2	.2	.2	.2	1.3	.7	.4	.4	.3	.3	.3	.2	.2	.2	.2	.3	.2	.2	.2	.2	.3	23	1.3
8	BF	.4	.3	.2	.2	.2	.2	.3	.3	.4	.3	5.6	1.8	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	23	5.6
9	BF	.7	9.3	1.0	.6	.5	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.4	.4	.4	.4	.3	7.7	5.5	1.8	23	9.3
10	BF	1.6	1.0	.7	.5	.5	.4	.6	.5	.6	.5	.6	.5	.4	.3	.3	.3	.5	.5	.3	.2	.4	4.9	5.0	23	5.0
11	BF	1.0	.5	.4	.4	.4	.3	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.3	.4	.4	1.3	1.5	.5	.3	23	1.5
12	BF	.4	1.1	.6	.5	.4	.4	.4	.4	.5	.5	.4	.5	.4	.9	.7	.4	.3	.3	.3	4.6	5.2	.8	.6	23	5.2
13	BF	1.1	.9	.8	3.9	2.8	9.6	9.3	4.0	1.0	.6	.4	.5	6.2	7.4	1.5	.5	1.6	3.2	.8	3.4	11.5	7.4	1.1	23	11.5
14	BF	.9	.5	.4	.4	.3	.3	.5	.8	.8	1.1	.7	.5	.5	.6	.6	.7	.4	.3	.2	.3	.3	.3	.3	23	1.1
15	BF	.5	.6	1.1	.8	.6	.4	.3	.3	.3	.4	.2	.3	.3	.4	.3	.3	.3	.3	.3	.2	.2	.3	.2	23	1.1
16	BF	.3	.3	.3	.2	.1	.2	.2	.2	.2	.5	AN	BA	.2	.1	.2	.1	.2	.2	.1	.2	.1	.1	.2	21	.5
17	BF	.2	.1	.1	.1	.1	.2	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	23	.2
18	BF	.3	.2	.2	.2	.1	.1	.1	.2	.1	.1	.1	.1	.2	.1	.2	.2	.2	.1	.2	.1	.1	.1	.1	23	.3
19	BF	.3	.0	.1	.1	.1	.2	.1	.1	.2	.1	.1	.1	.2	.2	.1	.1	.2	.1	.1	.1	.1	.1	.1	23	.3
20	BF	.2	.1	.1	.1	.1	.2	.1	.1	.2	.2	.2	.2	.2	.2	.2	.3	.2	.1	.3	.2	.3	.2	.2	23	.3
21	BF	.4	.3	.3	.2	.2	.2	.2	.3	.4	.2	.3	.2	.3	.2	.3	.2	.3	.2	.2	.2	.2	.3	.3	23	.4
22	BF	.4	.3	.3	.3	.3	.3	.3	.3	.4	.3	.2	.3	.4	.4	.2	.3	.3	.3	.4	.3	.4	.3	.3	23	.4
23	BF	.4	.3	.3	.3	.3	.3	.3	.2	.8	2.9	1.7	.8	.6	.6	.4	.5	.5	.3	.2	.2	.1	.2	.2	23	2.9
24	BF	.3	.3	.4	.3	.4	.4	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.2	.2	.3	.3	.3	.3	.3	23	.4
25	BF	.4	.3	.3	.3	.3	.4	.4	.4	.4	.5	.4	.4	.4	.4	.3	.4	.4	.4	.3	.3	.3	.3	.3	23	.5
26	BF	.4	.3	.3	.3	.3	.3	.4	.5	.5	.5	.5	.3	.4	.4	.4	.4	.4	.3	.3	.4	.4	.5	1.9	23	1.9
27	BF	.7	1.2	.7	1.7	1.0	.7	.6	.5	.4	.4	.4	.5	.4	.5	.4	.5	.5	.8	.8	13.6	11.2	1.9	1.5	23	13.6
28	BF	1.1	.9	.9	.8	.7	.8	.7	.6	.6	.5	.7	1.0	.9	.7	.7	.5	.4	.3	.3	.3	2.6	2.9	1.0	23	2.9
29	BF	.8	.5	.5	.3	.4	.3	.3	.5	.5	.4	.3	.4	.4	.4	.2	.3	.3	.3	.2	.3	.3	.2	.3	23	.8
30	BF	.4	.3	.3	.2	.2	.4	.3	.3	.4	.4	.3	.3	.3	.3	.3	.4	.4	.3	.4	.3	.3	.3	.3	23	.4
31	BF	.4	.4	.2	.3	.3	.3	.3	.3	.5	.4	.3	.4	.4	.4	.3	.4	.3	.4	.4	.3	.3	.3	.5	23	.5
NO.:		31	31	31	31	31	30	31	31	31	31	30	29	31	31	31	31	31	31	31	31	31	31	31		
MAX:		10.1	9.3	1.1	3.9	4.1	9.6	9.3	4.0	1.0	2.9	5.6	2.0	6.2	7.4	2.0	9.3	4.6	3.2	3.7	13.6	11.5	7.4	5.0		
AVG:		.83	.89	.42	.52	.55	.64	.66	.46	.40	.45	.57	.47	.54	.62	.42	.63	.49	.45	.40	.98	1.58	1.08	.64		

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: .64 MONTHLY MAX: 13.6

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

REPORT FOR: SEPTEMBER 2013

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	.4	.7	.5	.4	.3	.5	.5	1.0	.6	.6	1.6	1.7	.5	.8	1.2	.7	1.0	1.0	.4	.3	23	1.7
2	BF	.5	2.8	3.0	1.0	.6	2.7	6.5	4.7	5.8	.9	.5	.5	.3	.4	1.7	2.6	.5	.4	1.4	1.6	.7	9.5	4.6	23	9.5
3	BF	1.8	1.0	.8	1.3	5.4	5.5	4.9	1.0	.7	.5	.9	.7	.6	.3	.4	.9	.5	.4	.4	.3	4.2	1.2	.7	23	5.5
4	BF	.5	.4	.3	.3	.3	.3	.4	.5	.8	1.1	.9	.9	.8	.8	.7	.7	.6	.5	.6	.5	.5	.2	.3	23	1.1
5	BF	.5	.4	.3	.3	.3	.3	.3	.5	.9	.9	1.1	1.2	.9	.5	.5	1.0	.8	.5	.3	3.7	1.5	.6	.4	23	3.7
6	BF	.4	.3	.3	.4	.4	.4	.4	.6	.8	.9	.8	.7	.6	.4	.4	.4	.4	1.3	.4	.4	.4	.4	.4	23	1.3
7	BF	.4	.4	.4	.3	.4	.4	.4	.4	.4	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	23	.5
8	BF	.6	.4	.6	1.1	7.2	19.8	14.8	10.1	1.6	1.1	.8	.7	1.3	.9	.6	.6	.6	.7	.6	.9	6.0	13.7	7.1	23	19.8
9	BF	3.3	1.3	.7	.5	.4	.3	.5	1.2	.9	.7	.6	.6	.7	.6	.6	.6	.4	.5	.5	.4	.4	.4	.3	23	3.3
10	BF	.4	.4	.3	.3	.4	.4	.3	1.0	1.5	1.5	1.0	.5	.4	.5	.4	.4	.4	.4	.3	.4	.3	.3	.3	23	1.5
11	BF	.5	.4	.4	.4	.4	.4	.3	2.3	3.3	1.2	.6	.4	.5	.4	.4	.4	.3	.3	.4	.4	.4	.8	.6	23	3.3
12	BF	1.8	1.0	.7	.6	.5	.5	.8	1.8	1.2	.7	.5	.4	.5	1.4	1.2	.8	.4	1.1	1.0	2.0	4.6	6.6	1.4	23	6.6
13	BF	.9	.8	.7	.6	.6	.5	.5	.6	.7	.5	.5	BA	.4	.4	.5	.4	.4	.4	.5	.5	.5	.5	.5	22	.9
14	BF	1.3	.7	.6	.6	.6	.6	.7	.7	BJ	BJ	BJ	.7	.8	.7	.7	.7	.6	.5	.5	.5	.5	.4	.4	20	1.3
15	BF	.6	.4	.4	.4	.5	.5	.5	.5	.6	.7	.7	.6	.6	.7	.7	.7	.7	.5	.6	.6	.6	.6	.5	23	.7
16	BF	.5	.5	.5	.4	.4	.4	.5	2.7	1.2	.7	.6	.6	.5	.5	.5	.5	.5	.5	.5	.6	.6	.6	.5	23	2.7
17	BF	.6	.6	.6	.6	.5	.5	.7	.7	.6	.7	.6	.6	.5	.5	.6	.5	.5	.5	.5	.5	.5	.4	.5	23	.7
18	BF	.6	.5	.5	.5	.6	.5	.6	.5	.6	.5	.5	.5	.6	.6	.5	.5	.5	.5	.5	.6	.5	.5	.6	23	.6
19	BF	.6	.5	.5	.5	.5	.5	.5	.6	.6	.6	.5	.6	.7	.6	.6	.6	.6	.6	.6	.5	.5	.5	.5	23	.7
20	BF	.6	.5	.5	.5	.5	.5	.5	.5	.6	.6	.7	.7	.7	.6	.7	.7	.7	.6	.7	.6	.6	.7	.6	23	.7
21	BF	.6	.5	.5	.5	.5	.5	.5	.6	.5	.6	.8	.7	.8	1.6	.7	.7	.6	.5	.6	.5	.5	.5	.5	23	1.6
22	BF	.6	4.4	4.8	1.5	1.0	.8	.6	.6	.6	.6	.5	.6	.5	.5	.5	.5	.5	.5	.6	.6	.6	.5	.5	23	4.8
23	BF	.6	.6	.5	.5	.5	.5	.6	.7	.7	.7	.7	.7	.8	.7	.7	.6	.6	.6	.6	.5	.5	.5	.6	23	.8
24	BF	.6	.5	.6	.5	.5	.6	.6	.7	.7	.8	.8	.8	.7	.8	.9	.8	.7	.6	.7	.7	.6	.7	.6	23	.9
25	BF	.6	.5	.6	.6	.5	.6	.6	1.6	1.1	.8	.8	.7	.8	.7	.7	.7	.7	.7	.7	.6	.6	.6	.6	23	1.6
26	BF	1.0	.7	.7	.7	.7	.6	.6	.7	BJ	BJ	BJ	.8	.8	.8	.7	.8	.8	.7	.7	.7	.7	.6	.6	20	1.0
27	BF	.7	.6	.6	.6	.7	.7	.7	.7	.7	.7	.6	.7	.7	.7	.7	.7	.6	.7	.7	.7	.6	.7	.6	23	.7
28	BF	.7	.7	.6	.6	.6	.6	.6	.7	.7	.7	.7	.6	.7	.7	.7	.7	.7	.7	.6	.7	.7	.7	.7	23	.7
29	BF	.7	.7	.6	.6	.7	.7	.8	.8	.8	.8	.7	.8	.7	.6	.6	.6	.7	.6	.7	.5	.7	.8	.7	23	.8
30	BF	.8	.7	.7	.6	.6	.7	.7	.9	1.0	1.0	1.3	1.3	.9	.8	.8	.9	.8	.9	.8	.7	.8	.7	.6	23	1.3
31																									0	
NO.:		30	30	30	30	30	30	30	30	28	28	28	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:		3.3	4.4	4.8	1.5	7.2	19.8	14.8	10.1	5.8	1.5	1.3	1.3	1.3	1.6	1.7	2.6	.8	1.3	1.4	3.7	6.0	13.7	7.1		
AVG:		.80	.79	.76	.59	.92	1.39	1.36	1.31	1.08	.77	.72	.68	.66	.69	.69	.70	.58	.61	.60	.75	1.04	1.50	.90		

MONTHLY OBSERVATIONS: 683 MONTHLY MEAN: .86 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

CAS NUMBER: 7446-09-5

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

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

LATITUDE: 35.4280000009
LONGITUDE: -76.74
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 0
PROBE HEIGHT: 184

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

REPORT FOR: OCTOBER 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	.7	.8	.8	.7	.7	.8	.7	.8	.8	.9	.9	.9	1.0	1.0	.9	.9	.8	.9	.8	.8	1.3	16.5	12.9	23	16.5
2	BF	1.8	1.3	1.1	1.2	1.2	1.1	1.1	1.1	1.2	1.1	1.0	1.1	1.0	1.1	1.3	1.4	1.2	1.0	.9	.9	4.9	21.8	3.2	23	21.8
3	BF	1.9	1.8	1.5	1.3	1.1	1.0	1.2	1.3	1.4	1.5	1.2	3.3	5.1	1.5	1.1	1.0	1.1	1.0	.9	.8	1.0	1.1	1.7	23	5.1
4	BF	1.6	1.5	1.4	.9	.8	.8	.7	.8	1.1	1.3	1.4	4.6	2.3	1.2	.9	.8	.9	.7	.8	.8	1.9	2.3	1.1	23	4.6
5	BF	.9	.8	.8	.9	.7	.8	.8	.9	1.1	1.1	1.8	4.5	2.0	.9	.8	.8	.9	.8	.8	.9	1.0	1.3	.9	23	4.5
6	BF	.9	.8	.7	.7	.7	.7	.6	.7	.8	.8	.8	.8	.7	.8	.7	.7	.7	.7	.7	.7	.7	.7	.6	23	.9
7	BF	.8	.7	.6	.6	.7	.6	.7	.7	.7	.6	.7	.7	.7	.8	.7	.7	.7	.7	.6	.7	.6	.6	AV	22	.8
8	BF	.8	.7	AV	AV	AV	AV	AV	AV	.8	.6	.7	.7	.6	.6	.6	AV	.6	.7	.6	.6	.7	.6	AV	15	.8
9	BF	AV	AV	AV	.9	.5	AV	AV	.6	.5	.6	.6	.6	.6	.6	.6	.5	.6	.6	.6	.5	.6	.6	.6	18	.9
10	BF	.7	.6	.6	.6	.5	.7	.7	.6	.6	AZ	AZ	AT	AT	AT	.6	.6	.6	.6	.6	.7	.6	.6	.6	18	.7
11	BF	1.1	.8	.8	.7	AN	AN	.7	.7	.7	.7	.7	BA	BA	.6	.7	.5	.6	.6	.6	.6	.6	.5	.5	19	1.1
12	BF	.7	.6	.6	.7	.6	.6	.6	.6	.6	.7	.6	.7	.6	.7	.6	.6	.6	.6	.6	.6	.6	.7	.6	23	.7
13	BF	.7	.6	.6	.6	.6	.6	.6	.5	.6	.6	.6	.5	.6	.6	.6	.5	.6	.5	.5	.5	.5	.5	.6	23	.7
14	BF	.7	.6	.5	.6	.5	AV	.6	.6	.5	.6	.5	.6	.6	.6	.6	.5	.6	.6	.6	.5	.5	.5	.6	22	.7
15	BF	.6	.5	.5	.6	.5	.6	.5	.6	.6	.6	.6	.5	.5	.6	.6	.6	.6	.5	.6	.6	.5	.6	.5	23	.6
16	BF	.6	.6	.5	.5	.5	.5	.5	.6	.6	.6	.5	.7	.5	.6	.5	.5	.6	.5	.5	.6	.4	.6	.6	23	.7
17	BF	.6	.5	.6	.5	.6	.5	.6	.6	.6	2.1	4.9	2.1	3.1	1.3	.9	.7	.7	.6	.7	.7	1.8	15.2	2.4	23	15.2
18	BF	1.3	.9	.8	.8	.7	.7	.6	.7	.6	.7	.6	.7	.7	.7	.7	.7	.7	.7	.6	.6	.6	.6	.7	23	1.3
19	BF	.6	.6	.6	.6	.6	.6	.5	.6	.6	.6	.6	.6	.5	.6	.6	.6	.5	.7	.6	.6	.6	.6	.6	23	.7
20	BF	.7	.6	.7	.7	.7	.7	.7	.8	.7	.7	.7	.8	.9	.9	1.0	.9	.7	.7	.7	.6	.7	.6	.7	23	1.0
21	BF	.7	.7	.6	.6	.7	.6	.7	.6	.7	.9	1.0	1.0	.8	.9	.9	.9	.9	.8	.8	.7	.7	.7	.6	23	1.0
22	BF	.7	.7	.6	.7	.7	.7	.8	.7	.8	.9	.9	.8	.8	.9	1.2	3.4	1.4	2.8	6.8	4.4	6.0	6.8	3.5	23	6.8
23	BF	1.6	1.0	4.4	15.5	5.6	1.7	1.2	1.0	1.0	1.0	.9	.8	.8	.8	.9	.9	.8	.7	.8	.8	.8	.8	.7	23	15.5
24	BF	1.1	1.0	1.0	.9	1.0	.9	.9	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.0	1.0	.9	1.0	.9	.9	.9	.9	23	1.1
25	BF	.9	.9	1.0	.9	.9	.9	1.0	1.2	1.6	1.2	1.1	1.1	1.1	1.1	AV	1.2	1.0	1.1	1.0	1.0	1.0	1.0	1.0	22	1.6
26	BF	1.1	1.0	.9	1.1	.9	1.0	1.0	1.1	1.6	1.6	1.4	1.4	1.3	1.3	2.2	1.7	1.5	8.4	2.9	1.5	1.5	1.4	1.3	23	8.4
27	BF	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.4	1.5	1.4	1.4	1.4	1.9	5.1	2.5	1.3	1.3	1.5	1.4	1.1	1.1	1.0	23	5.1
28	BF	1.1	1.0	1.0	1.1	1.0	1.0	1.0	1.1	1.3	1.7	1.5	1.5	2.9	1.9	2.0	1.8	1.3	1.2	1.2	1.1	1.0	1.1	1.0	23	2.9
29	BF	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.3	1.7	1.9	2.4	1.8	1.6	1.6	1.5	1.4	1.3	1.1	1.1	1.1	1.2	1.1	1.1	23	2.4
30	BF	1.1	1.0	1.0	1.0	.9	.9	1.0	1.0	1.2	1.5	1.8	1.8	1.2	1.2	1.3	1.2	1.1	1.0	1.0	1.0	1.1	1.0	.9	23	1.8
31	BF	1.1	1.0	1.0	.9	1.0	1.0	.9	.9	.9	1.1	1.0	.9	.9	AV	.9	.9	.9	.9	1.0	.9	.9	.9	.8	22	1.1
NO.:		30	30	29	30	29	27	29	30	31	30	30	29	29	29	30	30	31	31	31	31	31	31	29		
MAX:		1.9	1.8	4.4	15.5	5.6	1.7	1.3	1.3	1.7	2.1	4.9	4.6	5.1	1.9	5.1	3.4	1.5	8.4	6.8	4.4	6.0	21.8	12.9		
AVG:		.98	.87	.95	1.30	.94	.82	.80	.83	.91	1.02	1.13	1.31	1.24	.98	1.07	1.01	.86	1.09	1.05	.91	1.17	2.69	1.46		

MONTHLY OBSERVATIONS: 687 MONTHLY MEAN: 1.11 MONTHLY MAX: 21.8

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5

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

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

LATITUDE: 35.4280000009
LONGITUDE: -76.74
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 0
PROBE HEIGHT: 184

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

REPORT FOR: NOVEMBER 2013

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	1.0	1.1	1.6	.9	.8	2.9	6.6	9.6	7.0	2.4	1.9	9.7	11.0	6.9	1.3	1.0	1.0	AV	.9	.8	4.4	4.0	22	11.0
2	BF	2.5	1.3	1.0	1.0	.9	.9	.8	.8	.9	.8	.8	1.0	1.0	1.0	.9	.9	.8	.8	1.1	.9	.9	.9	.9	23	2.5
3	BF	1.0	.9	1.0	.9	.8	.8	.9	.9	.9	1.0	1.1	1.3	1.2	1.2	1.3	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.3
4	BF	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.2	1.2	1.1	1.2	1.1	1.3	1.2	1.1	1.1	1.1	1.1	1.2	1.3	1.3	1.2	1.2	23	1.3
5	BF	1.2	1.1	1.1	1.2	1.1	1.0	1.1	1.0	1.0	1.0	1.0	1.1	1.0	1.1	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.2
6	BF	1.0	1.0	1.0	.9	.9	.9	1.0	.9	1.0	1.0	1.0	.9	1.0	.9	.9	.9	.9	.9	.9	1.0	.8	.8	.9	23	1.0
7	BF	.9	.8	1.0	.8	.9	.9	.8	.8	.9	.8	.9	1.0	.9	1.0	.9	.8	.9	.9	.9	.9	.9	.9	.9	23	1.0
8	BF	.9	1.0	1.1	1.1	1.2	1.0	1.0	1.3	1.4	BA	1.2	1.1	1.2	1.3	1.5	1.6	1.3	1.1	1.0	1.0	1.1	1.1	1.1	22	1.6
9	BF	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.3	1.6	1.7	1.7	1.7	1.6	1.5	1.4	1.3	1.3	1.3	1.2	1.3	2.9	5.3	23	5.3
10	BF	1.9	1.7	1.6	1.6	1.7	1.7	1.7	1.8	1.9	1.8	1.8	1.8	1.7	1.5	1.5	1.6	1.7	1.6	1.6	1.7	1.5	1.3	1.4	23	1.9
11	BF	1.7	1.5	1.4	1.3	1.3	1.2	1.2	1.3	1.6	1.7	1.7	1.7	1.7	1.7	1.6	1.5	1.3	1.3	1.4	1.2	1.1	1.1	1.1	23	1.7
12	BF	1.1	1.1	1.2	1.4	1.5	1.4	1.3	1.5	1.6	1.8	1.8	1.8	2.0	3.1	2.4	1.5	1.4	1.4	1.4	1.4	1.2	1.3	1.2	23	3.1
13	BF	1.4	1.3	1.3	1.3	1.6	1.8	1.9	2.0	2.1	2.1	2.0	2.1	2.1	2.0	2.0	2.0	1.8	1.7	1.6	1.5	1.4	1.4	1.4	23	2.1
14	BF	1.5	1.4	1.4	1.3	1.4	1.4	1.5	1.8	1.7	2.0	2.1	2.0	1.9	1.9	2.0	1.9	2.2	2.2	1.8	2.0	1.8	1.7	10.5	23	10.5
15	BF	2.5	2.0	1.6	1.6	1.6	1.5	1.6	2.0	2.2	3.6	4.0	2.5	2.1	1.8	1.8	1.8	1.6	1.5	1.5	1.4	1.4	1.4	1.3	23	4.0
16	BF	1.4	1.4	1.3	1.2	1.4	1.4	1.3	1.3	1.2	1.3	1.3	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.3	23	1.4
17	BF	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	2.0	1.7	1.3	1.2	1.2	1.1	1.2	1.2	1.2	1.1	1.1	23	2.0
18	BF	2.2	2.1	2.2	4.8	4.7	2.5	2.4	1.8	1.8	1.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.4	1.2	1.3	1.3	23	4.8
19	BF	1.4	1.3	1.3	1.3	1.2	1.3	1.3	1.5	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.5	1.5	1.3	1.3	1.3	1.3	1.3	1.2	23	1.5
20	BF	1.5	1.6	1.6	1.5	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.5	1.3	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	23	1.6
21	BF	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.2	1.2	1.3	1.3	1.3	1.2	1.2	1.3	1.2	1.2	1.2	23	1.3
22	BF	1.3	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2	3.3	5.1	1.8	1.5	1.6	1.3	1.3	1.3	1.5	3.0	1.6	1.5	1.4	23	5.1
23	BF	1.4	1.4	1.3	1.3	1.2	1.3	1.1	1.3	1.3	1.3	1.3	1.5	1.7	1.7	1.6	1.6	1.5	1.4	1.3	1.4	1.4	1.3	1.3	23	1.7
24	BF	1.5	1.5	1.7	1.7	1.5	1.6	1.7	1.6	1.7	1.7	1.6	1.6	1.6	1.7	1.8	1.7	1.6	1.6	1.6	1.5	1.6	1.7	1.7	23	1.8
25	BF	2.0	1.9	1.8	1.9	2.0	2.0	2.3	2.2	2.2	2.2	2.1	2.1	2.0	2.1	1.9	1.9	1.9	1.6	1.5	AV	AV	1.6	1.6	21	2.3
26	BF	1.6	1.5	1.5	1.6	1.5	1.5	1.5	1.6	1.7	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	23	1.7
27	BF	1.4	1.3	1.5	1.4	1.3	1.4	1.3	1.3	1.3	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.4	1.3	1.4	1.5	1.5	1.6	1.6	23	1.6
28	BF	1.7	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.7	1.8	1.7	1.6	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.4	1.5	1.5	1.5	23	1.8
29	BF	1.5	1.4	1.5	1.4	1.4	AV	1.4	1.5	1.7	1.9	1.8	2.1	2.6	2.4	2.3	2.0	2.0	1.9	1.9	1.9	2.1	2.0	1.8	22	2.6
30	BF	2.0	2.0	2.0	2.1	2.2	2.1	2.1	2.2	2.3	2.2	2.1	2.1	2.0	1.9	1.9	1.9	1.8	1.7	1.7	1.6	1.6	1.6	1.7	23	2.3
31																									0	
NO.:		30	30	30	30	30	29	30	30	30	29	30	30	30	30	30	30	30	30	29	29	29	30	30		
MAX:		2.5	2.1	2.2	4.8	4.7	2.5	2.9	6.6	9.6	7.0	4.0	5.1	9.7	11.0	6.9	2.0	2.2	2.2	1.9	3.0	2.1	4.4	10.5		
AVG:		1.47	1.36	1.36	1.45	1.43	1.35	1.43	1.60	1.76	1.75	1.65	1.67	1.85	1.89	1.70	1.45	1.39	1.34	1.35	1.38	1.30	1.46	1.82		

MONTHLY OBSERVATIONS: 685 MONTHLY MEAN: 1.53 MONTHLY MAX: 11.0

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

(42401) Sulfur dioxide

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

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

CAS NUMBER: 7446-09-5
LATITUDE: 35.4280000009
LONGITUDE: -76.74
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 0
PROBE HEIGHT: 184

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

REPORT FOR: DECEMBER 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.9	1.9	2.0	2.1	1.8	1.8	1.8	1.8	1.7	1.9	2.3	1.9	1.6	1.6	1.5	1.5	23	2.3
2	BF	1.5	1.4	1.5	1.5	1.4	1.3	1.4	1.5	1.4	1.5	1.7	1.7	1.8	1.8	1.9	1.7	1.7	1.5	1.6	1.5	1.5	1.5	1.5	23	1.9
3	BF	1.6	1.5	1.7	1.8	2.0	1.7	1.6	2.2	3.2	7.2	6.1	3.5	2.3	2.3	2.6	2.4	2.2	1.8	1.9	1.8	1.7	1.6	1.7	23	7.2
4	BF	1.7	1.8	1.7	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.7	1.5	1.4	1.6	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.3	1.4	23	1.8
5	BF	1.4	1.4	1.5	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.7	1.8	2.4	1.8	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.5	23	2.4
6	BF	1.5	1.4	1.5	1.9	1.5	1.5	1.4	3.4	4.6	2.1	BA	1.5	1.5	2.1	3.3	1.6	1.5	1.4	1.4	1.6	3.4	2.0	1.5	22	4.6
7	BF	1.8	7.5	14.5	7.5	14.9	9.9	2.4	1.6	1.5	1.4	1.3	1.4	1.3	1.4	1.4	1.4	1.4	1.6	1.6	1.7	1.7	1.6	1.8	23	14.9
8	BF	1.7	1.7	1.6	1.5	1.6	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.3	1.4	1.3	1.3	1.3	1.3	1.3	23	1.7
9	BF	1.4	1.3	1.2	1.3	1.2	1.3	1.4	1.3	1.5	1.9	1.7	1.8	2.4	2.1	1.8	1.5	1.5	1.4	1.3	1.4	1.4	1.3	1.3	23	2.4
10	BF	1.3	1.2	1.3	1.4	1.3	1.2	1.2	1.3	1.4	1.8	1.7	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.3	1.4	1.3	1.4	23	1.8
11	BF	1.5	1.5	1.6	1.7	1.6	1.8	2.0	2.4	2.6	2.4	2.4	2.3	13.7	17.9	32.4	16.1	4.1	2.3	2.1	3.9	6.0	2.4	1.8	23	32.4
12	BF	1.5	1.6	1.7	1.6	2.0	2.0	1.8	2.1	2.1	3.4	3.8	3.5	3.8	3.7	3.1	2.8	2.1	1.8	1.8	1.8	1.8	1.6	1.7	23	3.8
13	BF	2.3	2.0	2.2	2.2	2.1	2.4	2.3	2.5	2.7	2.7	2.5	2.3	2.2	2.2	2.2	2.2	3.1	2.4	2.5	3.6	2.4	2.2	2.6	23	3.6
14	BF	2.2	2.1	2.0	2.1	2.1	2.1	2.2	2.5	2.3	2.5	2.4	2.3	2.0	1.9	1.8	1.8	1.7	1.7	1.5	1.7	1.6	1.7	1.5	23	2.5
15	BF	2.4	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.5	1.4	1.5	1.6	1.6	1.7	1.5	1.7	1.5	1.5	1.5	1.6	1.6	1.6	23	2.4
16	BF	1.7	1.7	2.4	2.3	1.9	1.7	1.7	1.8	1.8	1.9	2.1	1.8	1.8	1.8	1.7	1.7	1.7	1.5	1.5	1.5	1.5	1.6	1.9	23	2.4
17	BF	3.9	3.7	6.9	13.7	7.8	5.8	2.8	2.7	2.5	3.0	4.9	2.7	4.1	2.1	2.1	2.0	2.1	2.4	4.1	26.5	7.3	2.5	2.5	23	26.5
18	BF	2.0	1.9	1.9	1.8	1.7	1.7	1.7	1.8	2.0	2.2	2.2	2.3	2.2	2.0	2.0	2.0	2.0	2.2	2.3	2.0	1.8	1.7	2.0	23	2.3
19	BF	3.8	2.3	3.0	6.0	9.1	9.4	13.7	4.4	3.2	2.6	2.2	2.2	3.5	3.5	6.1	7.1	3.0	2.8	2.3	2.5	2.6	2.4	2.4	23	13.7
20	BF	2.2	3.2	2.9	2.5	2.1	1.9	1.8	1.9	2.1	2.1	2.1	2.1	2.2	2.0	1.9	1.9	1.9	1.8	1.6	1.5	1.4	4.9	3.2	23	4.9
21	BF	3.9	2.4	2.1	2.3	2.2	1.7	1.6	1.5	1.5	1.7	1.7	1.8	1.6	1.7	1.7	1.6	1.6	1.6	1.6	1.5	1.4	1.4	1.5	23	3.9
22	BF	1.6	1.4	1.6	1.6	1.4	1.4	1.4	1.5	1.5	2.6	2.5	3.5	2.9	5.9	1.9	1.7	1.5	1.5	1.5	1.6	1.5	1.4	1.4	23	5.9
23	BF	1.5	1.5	1.8	1.9	1.7	1.5	1.4	1.4	1.9	1.8	3.1	19.9	4.5	1.9	1.7	1.5	2.0	5.2	2.0	2.4	1.5	1.3	1.3	23	19.9
24	BF	1.3	1.2	1.3	1.3	1.2	1.3	1.4	1.5	1.6	1.9	2.1	2.1	2.2	2.2	2.1	1.9	1.7	1.6	1.6	1.6	1.6	1.6	1.8	23	2.2
25	BF	1.8	1.8	1.6	1.7	1.6	1.8	1.8	1.9	2.3	2.4	2.5	2.5	2.5	2.4	2.4	2.1	2.0	1.8	1.7	1.8	1.8	1.8	1.7	23	2.5
26	BF	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.6	1.5	1.6	1.5	23	1.7
27	BF	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.9	2.0	1.8	1.9	1.9	1.8	1.8	1.7	1.6	1.6	1.5	1.5	1.6	1.5	23	2.0
28	BF	1.6	1.5	1.6	1.6	1.5	1.5	1.5	1.6	1.7	2.1	2.0	2.1	2.1	1.9	1.7	1.8	1.7	1.7	1.8	1.6	1.7	1.6	1.6	23	2.1
29	BF	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.8	5.5	2.4	1.7	1.6	1.5	1.5	1.5	1.4	1.4	1.4	23	5.5
30	BF	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.6	1.6	1.7	1.6	1.6	1.6	1.7	1.7	1.6	1.5	1.4	1.4	1.4	1.5	23	1.7
31	BF	1.6	1.4	1.4	1.5	1.6	1.6	1.9	1.9	1.9	1.9	2.0	2.0	1.9	1.8	1.7	1.7	1.7	1.7	1.7	1.8	1.7	1.8	1.6	23	2.0
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:		3.9	7.5	14.5	13.7	14.9	9.9	13.7	4.4	4.6	7.2	6.1	19.9	13.7	17.9	32.4	16.1	4.1	5.2	4.1	26.5	7.3	4.9	3.2		
AVG:		1.90	1.93	2.32	2.42	2.50	2.26	2.06	1.88	1.97	2.17	2.27	2.62	2.56	2.74	3.04	2.40	1.87	1.85	1.76	2.58	2.00	1.75	1.71		

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: 2.20 MONTHLY MAX: 32.4

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: 37-027-0003 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: 35.9358330009
LONGITUDE: -81.530278
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 366
PROBE HEIGHT: 4.01

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

REPORT FOR: JANUARY 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BD	1.2	1.0	.8	.7	.7	.6	.6	1.0	1.0	1.9	1.0	1.6	.7	1.0	1.7	1.4	1.0	1.1	.9	.4	.3	.2	.2	23	1.9
2	BD	.3	.2	.3	.2	.3	.2	.3	.3	.6	1.1	1.0	.7	.6	.7	.3	.4	.3	.2	.3	.5	.5	.4	.5	23	1.1
3	BD	.5	.7	.6	.5	.4	.4	.3	.4	.3	.3	.4	.5	.5	1.0	.4	.5	1.5	1.3	.9	.8	.4	.4	.3	23	1.5
4	BD	.2	.3	.2	.6	.3	1.0	.6	.7	1.1	3.3	1.9	1.1	1.0	.8	.6	.7	.7	.6	.9	1.2	1.5	2.1	2.3	23	3.3
5	BD	1.9	2.9	2.2	9.3	2.0	.8	.6	1.4	5.5	4.2	1.4	1.2	1.3	.7	.8	.7	.9	.8	.8	.8	1.1	.8	.9	23	9.3
6	BD	.6	.4	.5	.4	.2	.3	.3	.4	2.0	2.2	2.3	.6	.5	.3	.3	.2	.2	.2	.3	.2	.3	.3	.4	23	2.3
7	BD	.6	.8	1.1	.6	.6	.4	.4	1.5	2.8	1.8	.6	.6	.6	.6	.6	.5	.7	.5	.6	.3	.3	.3	.3	23	2.8
8	BD	.2	.2	.2	.1	.2	.4	.6	.5	.7	.5	AE	1.3	.6	.6	.6	.6	.8	.5	.5	.6	.4	.4	.4	22	1.3
9	BD	.4	.6	.7	.6	.6	.6	.8	1.0	.9	2.4	.4	.4	1.2	.4	.7	1.2	1.0	1.2	.9	.7	.4	.5	.4	23	2.4
10	BD	1.0	.6	.3	.3	.3	.4	.6	.6	.6	.4	.4	1.8	BA	.4	.4	.4	.4	.4	.3	.3	.6	.6	.6	22	1.8
11	BD	.5	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.2	.1	.3	.3	.3	.2	.2	.2	.2	.2	.3	.2	23	.5
12	BD	.1	.0	.2	.1	.2	.2	.2	.2	.3	.3	.3	.3	.4	.3	.4	.4	.4	.3	.3	.3	.3	.2	.3	23	.4
13	BD	.3	.1	.2	.2	.2	.1	.3	.3	.2	.2	.3	.3	.2	.1	.2	.2	.1	.2	.2	.3	.3	.3	.2	23	.3
14	BD	.3	.2	.2	.3	.5	.5	.4	.4	.5	.5	.4	.7	.4	.5	.4	.2	.2	.2	.2	.2	.3	.2	.1	23	.7
15	BD	.2	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.2	.0	.1	.1	.0	.2	.2	.1	.1	.2	.1	23	.2
16	BD	.1	.2	.0	.1	.1	.1	.1	.2	.2	.1	.1	.6	.4	.1	.2	.2	.1	.2	.2	.2	.2	.2	.3	23	.6
17	BD	.2	.2	.0	.1	.1	.1	.2	.2	.1	.2	.1	.1	.1	.1	.1	.2	.1	.2	.2	.1	.2	.1	.2	23	.2
18	BD	.2	.5	.6	.8	.8	.9	1.1	.9	1.0	1.0	.9	.8	.7	.7	.7	.6	.7	.5	.3	.3	.3	.2	.2	23	1.1
19	BD	.3	.2	.1	.1	.2	.2	.2	.4	.3	.6	.6	.6	.6	.6	.7	.7	.7	.4	.4	.3	.4	.3	.2	23	.7
20	BD	.2	.0	.2	.1	.1	.1	.1	.2	.3	.6	1.0	.8	.6	.4	.3	.3	.4	.5	.5	.4	.3	.3	.2	23	1.0
21	BD	.1	.2	.1	.1	.2	.2	.3	.3	.6	.4	.4	.5	.3	.4	.4	.4	.4	.6	1.5	4.4	1.7	.4	.2	23	4.4
22	BD	.4	.4	.4	.4	.5	.6	.5	.7	.7	.7	.6	.5	.6	.5	.6	.7	.6	.5	.6	.6	.6	.5	.4	23	.7
23	BD	.4	.4	.3	.3	.3	.3	.4	.6	.5	.5	.5	.6	.6	.5	.6	1.8	.7	1.1	1.6	2.1	2.2	1.1	.6	23	2.2
24	BD	.4	.4	.7	.8	.8	1.0	1.0	1.7	2.4	1.6	1.6	1.3	1.6	1.6	1.7	1.7	1.3	1.0	1.1	1.0	.7	.9	1.1	23	2.4
25	BD	.9	.8	.7	.6	.6	1.6	2.2	2.2	1.8	1.7	1.8	1.9	2.1	2.6	2.1	2.3	.9	.9	.8	.8	.7	1.4	1.2	23	2.6
26	BD	.4	.3	.3	.4	.3	.3	.3	.4	2.6	2.7	3.0	1.0	1.2	.8	.8	.7	.6	.6	.6	.5	.5	.5	.4	23	3.0
27	BD	.5	.4	.4	.4	.4	.5	.4	.5	.7	.9	1.1	1.5	1.5	1.7	1.4	1.5	1.4	1.2	1.0	.9	.8	.8	.7	23	1.7
28	BD	.6	.6	.6	.8	.6	.7	.8	1.0	1.3	1.8	1.0	1.1	1.1	1.0	.9	.8	.8	.8	.6	.6	.5	.5	.6	23	1.8
29	BD	.6	.6	.4	.4	.5	.5	.7	1.4	8.5	1.8	1.0	2.5	1.5	.7	.8	.7	.6	.7	1.0	1.2	1.1	1.0	.8	23	8.5
30	BD	1.0	.9	1.3	1.3	.6	.5	.6	.4	.3	.4	.4	.4	.4	.4	.3	.4	.5	.3	.4	.3	.3	.3	.3	23	1.3
31	BD	.3	.3	.4	.4	.3	.7	.3	.3	.4	.3	.3	.3	.3	.4	.3	.4	.4	.4	1.3	.5	1.4	4.1	1.7	23	4.1
NO.:		31	31	31	31	31	31	31	31	31	31	30	31	30	31	31	31	31	31	31	31	31	31	31		
MAX:		1.9	2.9	2.2	9.3	2.0	1.6	2.2	2.2	8.5	4.2	3.0	2.5	2.1	2.6	2.1	2.3	1.5	1.3	1.6	4.4	2.2	4.1	2.3		
AVG:		.48	.47	.46	.68	.43	.47	.50	.66	1.25	1.12	.84	.84	.73	.65	.64	.68	.60	.57	.63	.68	.61	.64	.53		

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .66 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: 37-027-0003 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: 35.9358330009
LONGITUDE: -81.530278
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 366
PROBE HEIGHT: 4.01

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

REPORT FOR: FEBRUARY 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BD	.6	.6	.9	2.7	.6	.6	.8	.8	.7	.6	.6	.7	.7	.7	.7	.6	.6	.7	.7	.8	.7	.7	.8	23	2.7
2	BD	1.1	1.6	1.0	.7	.5	.5	.6	3.4	1.6	1.1	1.1	1.6	1.4	2.2	1.5	3.3	4.0	1.5	1.2	1.8	1.0	.7	.7	23	4.0
3	BD	.6	.6	.6	.7	.8	2.4	1.5	1.5	1.3	3.4	2.3	1.2	.6	2.1	.5	.5	.6	.6	.6	.8	1.2	2.8	.6	23	3.4
4	BD	4.4	2.9	2.2	3.5	3.2	1.6	1.2	1.0	1.3	1.2	1.1	.7	.6	.7	.8	.7	.8	.7	.9	1.2	1.0	.9	1.3	23	4.4
5	BD	1.3	1.0	.8	.8	.7	.8	.9	.8	1.5	5.7	1.1	.8	.6	.7	.7	.6	.7	.7	.7	1.2	2.7	2.3	3.8	23	5.7
6	BD	1.7	1.5	1.2	1.5	.8	.8	.7	1.0	1.2	1.2	1.2	1.0	1.1	BA	.9	.8	.7	.7	.8	.7	.7	1.9	.7	22	1.9
7	BD	.8	.8	1.0	.9	.9	1.0	1.2	1.3	1.3	1.4	1.7	1.6	1.5	1.1	1.0	.9	.7	.7	.7	.7	.7	.6	.7	23	1.7
8	BD	.7	.6	.6	.6	.5	.8	.7	.9	.7	.6	.6	.7	.8	.6	.9	.9	1.0	.8	1.2	1.0	1.0	.9	.8	23	1.2
9	BD	.8	.9	1.6	1.6	1.6	1.5	1.5	1.8	1.7	2.4	1.2	1.0	1.1	1.1	1.1	1.2	1.2	1.2	1.0	.9	.9	.9	.7	23	2.4
10	BD	.7	.6	.6	.7	.6	.7	.7	.6	1.0	1.3	1.2	1.2	1.2	1.3	1.4	1.5	1.3	1.2	.9	.6	.7	.8	.6	23	1.5
11	BD	.7	.7	.6	.7	.7	.7	.7	1.4	1.3	1.8	.8	.7	1.8	3.1	1.1	.8	.6	.6	.7	1.6	5.2	12.4	.6	23	12.4
12	BD	2.0	1.0	.8	.6	1.0	1.9	2.0	1.8	1.4	1.5	1.3	2.0	1.3	1.0	1.1	1.0	1.0	.9	.8	.8	.9	.7	.7	23	2.0
13	BD	.5	.6	.6	.6	.5	.6	.6	.8	.6	.6	.6	.6	.6	.6	.5	.7	.7	.6	.6	.8	1.3	2.0	2.2	23	2.2
14	BD	1.1	1.2	2.3	1.2	1.8	1.0	1.3	1.6	.7	.7	.7	.7	.6	.8	.7	.6	.9	1.0	.8	.8	.7	.7	.6	23	2.3
15	BD	.7	.6	.6	.6	.6	.7	.7	1.2	3.9	1.6	1.0	.9	.9	1.0	.9	1.5	2.6	.9	.8	1.4	1.3	.8	.8	23	3.9
16	BD	.9	.7	.8	.8	.8	.8	.8	.9	.9	1.2	1.0	.9	.9	1.1	.9	.8	.6	.6	.8	.9	1.3	1.5	1.5	23	1.5
17	BD	1.0	.8	.9	1.0	.9	1.8	1.2	1.0	.9	1.1	1.2	1.2	1.1	1.1	1.0	.9	.9	1.0	1.9	3.3	1.2	.9	1.1	23	3.3
18	BD	1.3	1.0	.7	.8	.7	.7	1.1	1.1	1.0	1.3	1.1	1.2	1.3	1.5	1.7	1.5	1.3	1.6	1.5	1.2	1.3	1.1	1.4	23	1.7
19	BD	1.7	1.1	1.8	2.2	1.4	2.8	1.1	.8	1.0	.9	.9	.8	.7	.7	.7	.7	.7	.7	.8	.8	.8	.8	.7	23	2.8
20	BD	1.0	1.0	1.0	1.3	2.5	2.2	1.6	1.5	1.3	.9	.8	.9	.9	.8	.7	.8	.8	.8	.9	.9	.9	.9	.8	23	2.5
21	BD	.8	.8	.8	.8	.8	.9	1.1	2.4	3.8	1.1	1.0	1.0	1.0	1.0	.9	1.0	1.3	1.1	1.0	1.0	1.1	1.1	1.0	23	3.8
22	BD	.9	.9	.7	.7	.7	.7	.7	.9	.8	.8	.9	1.0	.9	.9	.9	.8	.8	.8	.7	.8	.7	.7	.8	23	1.0
23	BD	.7	.7	.7	.7	.8	.7	.6	.7	.9	.7	.8	.8	.9	1.5	2.1	1.2	1.3	.9	.8	.7	.8	.8	.7	23	2.1
24	BD	.9	1.3	3.0	4.1	.9	3.5	2.0	3.2	1.4	1.0	1.0	1.1	1.0	.9	1.0	1.1	1.0	1.2	1.4	1.4	1.5	1.7	1.4	23	4.1
25	BD	1.0	1.0	1.1	1.0	1.2	.9	1.0	1.2	1.6	2.2	2.2	2.2	2.2	2.1	2.2	2.2	2.3	2.1	2.2	2.2	2.6	2.8	2.7	23	2.8
26	BD	2.6	1.9	1.9	1.3	1.5	1.2	.8	.7	.8	.7	.7	.7	.7	.7	.7	.8	.7	.7	.7	.7	.7	.7	.7	23	2.6
27	BD	.7	.8	1.5	.8	.8	.7	.8	.8	.8	.7	.9	1.0	.8	1.0	.8	.9	1.0	.8	.8	.7	.8	.7	.7	23	1.5
28	BD	.7	.7	1.0	.8	1.9	1.3	.7	.7	.6	.8	.7	.7	1.3	.8	.7	.7	.7	.7	.7	.7	.7	.8	.9	23	1.9
29																									0	
30																									0	
31																									0	
NO.:		28	28	28	28	28	28	28	28	28	28	28	28	28	27	28	28	28	28	28	28	28	28	28		
MAX:		4.4	2.9	3.0	4.1	3.2	3.5	2.0	3.4	3.9	5.7	2.3	2.2	2.2	3.1	2.2	3.3	4.0	2.1	2.2	3.3	5.2	12.4	3.8		
AVG:		1.14	1.00	1.12	1.20	1.06	1.21	1.02	1.28	1.29	1.38	1.06	1.03	1.02	1.15	1.00	1.04	1.10	.92	.95	1.09	1.23	1.56	1.07		

MONTHLY OBSERVATIONS: 643 MONTHLY MEAN: 1.13 MONTHLY MAX: 12.4

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

(42401) Sulfur dioxide

SITE ID: 37-027-0003 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: 35.9358330009
LONGITUDE: -81.530278
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 366
PROBE HEIGHT: 4.01

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

REPORT FOR: MARCH 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BD	.9	.9	1.9	1.3	1.3	.9	1.1	3.0	.9	3.7	1.9	1.2	1.2	1.3	1.5	1.4	1.4	1.3	1.4	1.4	1.3	1.2	1.3	23	3.7
2	BD	1.0	.9	.9	1.7	1.2	.9	1.0	1.1	1.2	1.4	1.9	2.7	1.4	1.6	1.5	1.5	1.3	1.1	1.0	1.0	.9	.9	.8	23	2.7
3	BD	.9	1.0	1.0	1.2	1.3	1.2	1.4	2.2	1.8	1.7	1.5	1.2	1.1	1.2	1.8	1.9	1.5	1.3	1.6	1.3	1.3	1.2	1.4	23	2.2
4	BD	.8	.8	.9	1.1	1.1	1.3	1.7	1.9	1.5	1.5	1.8	1.3	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.1	1.1	1.0	1.2	23	1.9
5	BD	1.1	1.2	1.5	1.4	1.3	1.2	1.3	1.0	.9	.9	1.3	2.0	1.3	.9	.9	.7	.8	.6	.8	.7	.8	.7	.8	23	2.0
6	BD	1.0	1.6	.7	.8	.9	1.8	1.2	1.2	1.2	1.4	1.6	1.8	1.8	1.9	1.8	2.1	2.3	2.4	2.3	2.2	2.1	2.0	1.8	23	2.4
7	BD	1.5	1.4	1.8	2.3	1.4	1.2	1.2	1.2	1.2	1.2	1.1	1.3	1.2	1.3	1.6	1.5	1.5	1.5	1.3	1.1	1.0	.9	.9	23	2.3
8	BD	.8	.7	.8	.9	.8	.8	1.0	3.0	2.1	AE	1.6	1.3	1.2	1.3	1.1	1.0	1.1	1.1	1.0	1.2	1.0	1.0	.9	22	3.0
9	BD	1.1	1.1	.9	.8	.8	.7	.8	1.1	1.2	1.6	1.1	1.4	1.1	.9	.9	.9	.9	.9	1.0	1.0	.9	.9	1.0	23	1.6
10	BD	1.0	1.0	.9	.9	.7	.8	.8	4.4	5.8	1.5	1.9	1.8	2.6	1.6	1.5	1.3	1.1	1.3	1.3	1.2	1.1	1.0	.7	23	5.8
11	BD	1.1	1.2	1.2	1.1	1.1	2.2	1.6	2.3	1.5	1.6	1.5	1.4	1.3	1.2	1.1	1.0	1.0	.9	.8	.7	.7	.6	.7	23	2.3
12	BD	.7	.6	.6	.6	.6	.7	.6	.7	.7	BA	BA	.9	.7	.6	.6	.6	.6	.7	.6	.9	.7	.7	.9	21	.9
13	BD	.8	1.0	1.0	2.0	1.2	1.1	3.3	3.1	1.4	1.0	.9	.8	.8	.8	.8	.7	.8	.6	.7	.8	1.3	2.0	2.2	23	3.3
14	BD	1.3	1.0	.7	.6	.6	.7	.7	.9	.9	.8	.7	.8	.7	.9	.9	2.1	1.0	1.0	1.1	1.2	1.1	1.1	1.7	23	2.1
15	BD	1.2	1.0	2.0	1.0	.8	1.1	1.0	4.0	1.5	1.3	1.7	1.8	1.5	BA	BA	1.6	1.5	1.3	1.5	1.4	1.3	1.1	1.1	21	4.0
16	BD	1.6	2.6	1.7	3.3	2.9	1.5	1.4	1.6	1.6	1.5	1.9	2.4	2.9	1.9	1.5	1.6	1.9	1.1	1.0	1.6	2.9	1.1	1.0	23	3.3
17	BD	1.8	1.0	.9	.8	1.1	1.2	1.4	1.3	1.6	1.5	1.5	1.6	1.2	1.1	1.0	1.0	.8	.9	.9	1.0	1.0	.9	.8	23	1.8
18	BD	.8	.8	.8	.9	.7	.8	.8	.7	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.7	.7	.8	.9	.8	23	.9
19	BD	1.9	1.8	1.0	1.6	1.3	.9	1.3	1.1	.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.0	.9	1.0	1.0	1.0	1.0	23	1.9
20	BD	1.0	1.0	1.3	1.8	1.5	1.5	1.8	5.1	1.9	3.2	1.8	1.1	.8	1.2	1.0	.8	.8	.9	1.0	1.2	1.5	1.7	1.0	23	5.1
21	BD	.9	1.0	1.0	1.1	1.3	1.6	2.1	2.6	2.0	1.5	1.3	1.1	1.0	.9	.9	1.1	1.1	1.2	1.2	1.1	1.0	1.0	1.3	23	2.6
22	BD	1.5	1.3	1.1	1.2	1.3	1.2	1.5	1.9	2.1	1.7	1.5	1.7	1.7	1.3	1.4	1.4	1.5	1.5	1.5	1.5	2.2	1.4	1.2	23	2.2
23	BD	1.2	1.2	1.2	2.4	1.5	1.3	2.2	1.5	1.1	1.1	1.6	1.5	1.4	1.4	2.3	1.4	1.1	1.4	1.8	1.8	1.8	1.9	2.1	23	2.4
24	BD	2.2	1.4	1.1	1.0	1.0	1.1	1.1	1.0	1.0	1.1	1.0	.9	.9	.8	.8	.8	.7	.8	.8	.8	.7	.8	.8	23	2.2
25	BD	.9	.7	.8	1.6	1.4	1.2	4.6	2.8	2.1	1.3	1.7	.9	1.0	1.2	1.1	1.8	1.5	1.0	1.1	2.8	1.0	1.3	1.3	23	4.6
26	BD	1.7	1.8	2.2	1.9	1.3	1.2	1.3	1.5	1.5	1.7	1.7	1.6	1.3	1.1	1.1	1.2	1.3	1.5	1.4	1.4	1.2	1.2	3.3	23	3.3
27	BD	1.7	1.5	1.2	1.0	1.8	1.5	1.7	1.6	1.6	1.5	2.0	1.9	2.1	2.1	1.6	1.5	1.3	1.4	1.2	1.1	1.1	1.3	1.4	23	2.1
28	BD	1.2	1.2	2.1	3.8	5.6	3.8	3.7	1.7	2.2	1.9	1.4	1.5	2.1	2.8	3.1	2.9	2.9	2.8	2.6	2.2	2.0	1.7	1.5	23	5.6
29	BD	1.2	1.1	1.0	1.0	1.2	1.1	1.4	1.5	1.8	2.1	1.6	1.5	1.4	1.5	1.1	1.1	1.1	1.1	2.5	1.3	1.3	2.4	1.5	23	2.5
30	BD	1.2	1.1	1.0	.9	1.0	.9	1.0	1.1	1.6	1.8	1.7	1.6	1.3	1.2	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.1	23	1.8
31	BD	1.0	1.0	1.0	.9	.9	.9	.9	1.7	1.1	1.2	1.2	2.5	1.4	1.3	1.0	.9	1.2	.9	1.6	1.0	1.1	1.1	.9	23	2.5
NO.:		31	31	31	31	31	31	31	31	31	29	30	31	31	30	30	31	31	31	31	31	31	31	31		
MAX:		2.2	2.6	2.2	3.8	5.6	3.8	4.6	5.1	5.8	3.7	2.0	2.7	2.9	2.8	3.1	2.9	2.9	2.8	2.6	2.8	2.9	2.4	3.3		
AVG:		1.19	1.16	1.17	1.38	1.32	1.24	1.51	1.93	1.57	1.53	1.47	1.46	1.33	1.27	1.26	1.28	1.23	1.18	1.25	1.25	1.24	1.20	1.24		

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: 1.33 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: 37-027-0003 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: 35.9358330009
LONGITUDE: -81.530278
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 366
PROBE HEIGHT: 4.01

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

REPORT FOR: APRIL 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BD	2.4	1.5	.9	.9	.8	1.0	1.2	7.3	.9	1.0	1.1	1.0	.9	1.0	1.0	.9	1.0	1.1	1.0	1.0	1.0	.9	1.1	23	7.3
2	BD	1.3	1.4	2.1	1.7	1.3	1.3	1.4	1.6	1.8	1.9	1.5	1.5	1.6	1.7	2.0	2.1	1.9	1.8	1.7	1.7	1.6	1.4	1.3	23	2.1
3	BD	2.7	1.6	1.6	1.7	1.6	1.6	1.7	1.9	2.0	2.1	2.0	2.0	2.0	1.8	1.8	1.7	1.8	1.8	1.8	1.7	1.8	1.6	1.5	23	2.7
4	BD	1.4	1.5	1.6	1.7	1.8	1.7	1.7	1.6	1.6	1.6	1.5	1.4	1.3	1.2	1.2	1.0	1.0	.8	1.0	.9	.9	.9	.8	23	1.8
5	BD	.9	.8	.9	.8	.8	.9	2.0	4.8	3.6	1.2	1.3	1.0	1.0	1.0	1.2	1.4	1.7	2.0	2.4	2.6	5.1	13.8	2.8	23	13.8
6	BD	1.2	1.0	1.0	.9	1.0	1.0	1.1	2.2	2.5	2.7	2.5	2.5	2.3	2.2	2.1	2.1	2.0	1.9	1.8	1.8	1.6	1.6	3.0	23	3.0
7	BD	1.8	1.4	3.4	1.6	1.1	1.1	1.5	1.8	1.6	2.2	2.0	1.8	1.8	1.5	1.5	1.6	1.4	1.4	1.3	1.4	1.3	1.2	1.2	23	3.4
8	BD	1.1	1.0	1.2	1.1	.9	1.1	1.2	1.5	1.3	1.2	1.0	1.0	1.1	1.0	.9	1.0	.9	1.0	1.0	1.0	.9	.9	1.0	23	1.5
9	BD	.9	1.0	.8	.9	.9	1.1	1.1	1.1	1.1	1.2	1.2	1.0	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.9	23	1.2
10	BD	.9	.9	.8	.9	1.0	.9	1.2	1.2	1.2	1.5	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.2	1.1	1.1	1.0	1.0	1.0	23	1.5
11	BD	.9	1.0	1.0	.9	.9	1.0	1.1	1.1	1.3	1.2	1.1	1.0	1.0	1.0	.9	1.0	1.0	1.0	.9	.9	1.0	.8	.9	23	1.3
12	BD	.9	.7	.8	.9	.8	1.4	3.2	3.1	1.4	1.0	BA	1.1	1.4	1.0	.8	.9	.9	1.0	1.0	1.0	1.1	1.1	1.0	22	3.2
13	BD	3.6	2.2	1.4	1.2	1.0	1.0	1.1	1.3	1.3	1.1	1.0	1.0	1.0	.9	.9	.9	.9	1.0	.9	.9	.9	1.0	.9	23	3.6
14	BD	.9	.8	1.8	1.7	1.0	1.0	1.3	14.8	4.7	1.5	1.0	1.0	1.0	1.1	1.2	1.1	1.1	1.1	1.2	1.3	1.2	1.0	.9	23	14.8
15	BD	.9	.8	.8	.8	.8	.8	.9	.9	.9	1.0	1.0	.9	.9	.9	.9	1.0	1.0	1.0	.9	.9	.9	.9	1.0	23	1.0
16	BD	.9	.9	.9	1.0	.9	1.1	1.0	1.1	1.0	1.1	1.0	1.0	1.1	1.0	.9	1.0	1.1	1.1	1.0	1.0	.9	1.0	1.0	23	1.1
17	BD	1.0	1.0	.9	.9	1.1	1.0	1.0	1.0	.9	.9	.9	.9	1.0	1.0	.9	1.0	.9	1.0	1.0	1.0	1.1	.9	.9	23	1.1
18	BD	.9	.9	.9	.9	1.0	1.0	1.0	.9	1.0	1.1	1.1	1.1	.9	1.0	.9	.9	.9	1.0	1.0	1.0	.9	1.1	1.2	23	1.2
19	BD	.9	.8	.9	.8	.8	.8	.8	.9	.8	.9	.8	.8	.8	.8	.8	.8	.8	.8	.8	.7	.8	.8	.9	23	.9
20	BD	.8	.8	.9	1.3	1.9	2.2	2.1	1.7	1.1	1.0	1.1	1.2	1.8	1.6	1.3	1.3	1.5	1.8	1.7	1.7	1.6	1.2	1.0	23	2.2
21	BD	.9	.8	.8	.8	.8	.9	1.2	1.3	1.2	1.1	1.1	1.1	1.2	1.3	1.3	1.3	1.4	1.3	1.2	1.2	1.2	1.2	1.2	23	1.4
22	BD	1.1	1.0	1.1	1.2	1.2	1.1	1.2	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.2	1.0	1.0	1.0	.9	.9	.9	.8	23	1.2
23	BD	.8	.8	.7	.8	.7	.8	.8	.8	.7	.8	.9	.8	.9	1.0	1.0	1.0	1.0	1.0	1.1	.9	.8	.8	.9	23	1.1
24	BD	.9	.9	.7	.6	.7	.9	.9	.9	.9	.9	1.0	1.0	1.0	.9	.9	.8	.9	.9	1.0	1.0	.9	.9	1.1	23	1.1
25	BD	1.0	.9	.9	1.0	.8	.9	.9	.8	.8	1.0	.9	1.0	1.0	1.0	1.1	1.0	1.1	1.1	1.5	1.2	1.2	1.1	1.0	23	1.5
26	BD	.9	.8	.9	1.0	.9	1.1	1.1	1.4	1.6	1.5	1.6	1.5	1.4	1.3	1.2	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0	23	1.6
27	BD	1.4	1.2	1.0	2.5	1.3	1.1	1.1	1.0	1.1	1.1	1.1	1.3	1.3	1.1	1.3	1.0	1.1	1.2	.9	.9	.8	1.0	.8	23	2.5
28	BD	.8	.9	.9	.9	.9	.9	.9	.8	.9	.8	.8	.8	.7	.7	.8	.8	.7	.7	.6	.7	.7	.8	.9	23	.9
29	BD	.3	.6	.8	.8	.7	.7	.7	.7	.6	.8	.7	.8	.8	.8	.8	.8	.7	.8	.8	.7	.7	.8	.7	23	.8
30	BD	.8	.8	.9	.8	.8	.8	.8	.8	.7	.8	.8	.8	.8	.9	.9	.8	.8	.8	.8	.8	.8	.8	.8	23	.9
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:		3.6	2.2	3.4	2.5	1.9	2.2	3.2	14.8	4.7	2.7	2.5	2.5	2.3	2.2	2.1	2.1	2.0	2.0	2.4	2.6	5.1	13.8	3.0		
AVG:		1.17	1.02	1.11	1.10	1.01	1.07	1.24	2.05	1.39	1.24	1.19	1.16	1.19	1.14	1.13	1.13	1.13	1.16	1.15	1.13	1.19	1.45	1.12		

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: 1.20 MONTHLY MAX: 14.8

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: 37-027-0003 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: 35.9358330009
LONGITUDE: -81.530278
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 366
PROBE HEIGHT: 4.01

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

REPORT FOR: MAY 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	BF	1.0	1.0	1.0	.9	.9	.9	.9	.9	.9	1.0	.9	1.0	.9	.9	.9	1.0	1.0	.9	.9	1.0	.8	.9	22	1.0
2	BF	BF	.9	1.0	.9	.9	.9	.9	.9	1.0	.9	.9	1.0	1.0	1.0	.9	1.0	.9	.9	.9	1.0	1.0	.9	.9	22	1.0
3	BF	BF	.9	1.0	1.0	1.0	.9	.9	1.0	1.1	.9	.9	1.0	1.0	.9	1.0	1.0	1.0	1.0	.9	1.2	1.3	1.2	22	1.3
4	BF	BF	1.0	1.2	1.1	1.0	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	1.0	1.1	1.3	1.3	1.0	.9	.9	.9	22	1.3
5	BF	BF	1.0	1.0	.9	.9	.9	.9	.9	.9	.9	.9	.9	.8	.9	.9	.9	.8	.8	.9	.9	.8	.8	.8	22	1.0
6	BF	BF	.9	.8	.8	.8	.9	.8	.8	.8	.8	.9	1.0	.9	.9	.9	.9	.9	1.0	.9	.9	.8	.9	.7	22	1.0
7	BF	BF	.6	.6	.6	.7	.7	.6	.7	.7	.8	.8	.7	.7	.8	.7	.7	.8	.7	.8	.7	.7	.7	.7	22	.8
8	BF	BF	.6	.8	.8	.6	.8	.7	.8	.5	.6	.7	.6	.5	.6	.7	.6	.6	.6	.6	.6	.6	.7	.7	22	.8
9	BF	BF	.7	.6	.7	.6	.7	.8	.7	.7	.9	1.0	.9	.9	.9	.8	.8	.8	.9	.7	.6	.6	.8	1.0	22	1.0
10	BF	BF	.9	.9	1.0	1.1	1.0	.9	.8	.8	.8	.9	.9	1.0	.9	.9	.8	.7	.7	.9	.8	.8	.7	.7	22	1.1
11	BF	BF	.5	.5	.4	.5	.5	.6	.7	.8	.7	.7	.8	.7	1.0	.9	.7	.6	.6	.6	.6	.5	.7	.6	22	1.0
12	BF	BF	.9	.9	.9	.8	1.2	1.7	1.2	.8	.7	.7	.8	.9	.7	.6	.7	.7	.6	.7	.8	.8	.8	1.0	22	1.7
13	BF	BF	.7	.7	.8	.7	3.8	1.7	1.9	1.7	1.2	.9	.9	.8	.9	.9	.8	.9	.9	.9	.9	.9	.8	.9	22	3.8
14	BF	BF	.8	.8	.8	.9	.9	1.1	1.1	1.0	1.2	AI	1.2	1.3	1.5	1.5	1.4	1.4	1.2	1.1	.9	.9	.7	.8	21	1.5
15	BF	BF	.9	.8	.7	.6	.9	1.0	1.2	1.0	1.1	.9	.9	.9	1.0	.9	.9	1.2	1.1	1.0	.9	.7	.6	.5	22	1.2
16	BF	BF	.8	.7	.8	.7	.8	.7	.9	.8	.8	.8	.6	.6	.6	.8	.6	.7	.8	.6	.6	.6	.5	.4	22	.9
17	BF	BF	.5	.8	.8	.7	.8	.7	.6	.7	.8	.7	.9	.9	.9	1.1	.9	.9	1.0	1.0	.7	.7	.6	.7	22	1.1
18	BF	BF	.7	.8	.7	.7	.6	.7	.7	.7	.9	.8	1.4	1.0	.8	.9	.8	.9	.8	.8	.8	.8	.8	.8	22	1.4
19	BF	BF	.9	.9	.8	.8	.7	.8	.8	.7	.9	.9	.9	.8	1.3	.8	.9	1.1	1.0	.8	.8	.9	.8	.7	22	1.3
20	BF	BF	.8	.6	.7	.8	.8	.8	1.2	.9	.6	.7	.7	.8	.7	.8	.8	.6	.5	.7	.9	1.0	1.0	1.1	22	1.2
21	BF	BF	1.0	.9	.8	.9	.9	.9	.8	.8	.8	.7	.7	.7	.7	.7	.7	.7	.8	.9	1.0	.9	.7	.7	22	1.0
22	BF	BF	.7	1.0	.9	1.0	1.0	1.0	.9	1.0	1.0	1.2	1.2	1.0	1.0	1.0	1.0	.9	.8	.9	.9	.9	.9	.9	22	1.2
23	BF	BF	.9	.9	.9	1.0	1.0	1.0	.9	1.0	1.0	.9	.9	.9	1.0	.9	.9	.9	.9	.9	1.0	.9	.9	.8	22	1.0
24	BF	BF	.9	1.0	1.0	.8	1.0	1.0	.9	.9	.9	.9	.9	.9	.8	.9	.9	.9	.9	1.0	1.0	1.1	1.1	1.0	22	1.1
25	BF	BF	1.0	1.0	1.0	.9	1.0	1.1	1.0	1.1	1.1	1.1	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.1	1.2	1.5	1.0	1.3	22	1.5
26	BF	BF	1.0	1.0	1.0	.9	.9	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.0	1.0	1.0	1.0	22	1.2
27	BF	BF	.9	.8	.9	.9	1.0	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.4	1.5	1.5	1.4	1.3	1.3	1.3	1.0	1.0	1.0	22	1.5
28	BF	BF	1.0	1.0	1.0	.9	1.0	1.1	1.2	1.2	1.3	1.4	1.2	1.3	1.1	1.3	1.4	1.3	1.3	1.1	1.0	1.0	.9	.9	22	1.4
29	BF	BF	.8	.9	1.0	.8	1.0	1.1	1.2	1.2	1.2	1.0	1.0	1.0	1.1	1.1	1.0	1.1	1.0	1.0	.9	1.0	.9	.9	22	1.2
30	BF	BF	.9	1.0	1.0	1.0	1.1	1.1	1.2	1.2	1.0	1.1	1.1	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.0	.9	1.0	1.0	22	1.2
31	BF	BF	.9	.8	.9	.9	.9	1.1	1.1	1.1	1.1	1.0	.9	1.0	1.1	1.0	1.2	1.0	.9	1.0	1.1	.9	.9	1.0	22	1.2
NO.:			31	31	31	31	31	31	31	31	31	30	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:			1.0	1.2	1.1	1.1	3.8	1.7	1.9	1.7	1.3	1.4	1.4	1.3	1.5	1.5	1.5	1.4	1.3	1.3	1.3	1.5	1.3	1.3		
AVG:			.84	.86	.86	.83	.98	.95	.97	.94	.93	.92	.94	.92	.95	.95	.93	.94	.92	.92	.89	.88	.84	.85		

MONTHLY OBSERVATIONS: 681 MONTHLY MEAN: .91 MONTHLY MAX: 3.8

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

(42401) Sulfur dioxide

SITE ID: 37-027-0003 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: 35.9358330009
LONGITUDE: -81.530278
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 366
PROBE HEIGHT: 4.01

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

REPORT FOR: JUNE 2013

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	AI	1.0	.9	.9	.8	1.0	1.0	1.2	1.1	1.3	1.4	1.2	1.2	1.3	1.3	1.1	1.0	1.0	1.0	1.0	.9	1.0	1.1	1.0	23	1.4
2	BF	BF	1.0	1.2	1.2	1.2	1.2	1.1	1.1	1.0	1.0	1.1	1.1	1.0	1.0	1.0	1.0	1.0	.9	.9	.9	1.0	1.0	1.0	22	1.2
3	BF	BF	1.0	.9	.9	.9	.8	.9	.9	1.0	1.0	1.0	1.1	.9	1.0	.9	.9	1.0	1.1	1.1	1.0	1.0	1.0	1.0	22	1.1
4	BF	BF	1.1	1.0	1.0	.9	1.0	1.1	.9	.9	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.2	1.2	1.0	1.0	1.0	1.0	1.0	22	1.2
5	BF	BF	1.0	1.0	1.1	1.1	1.2	1.3	1.3	1.1	1.0	1.0	1.1	1.0	1.0	1.0	1.1	1.0	1.1	1.1	1.0	.9	1.0	1.0	22	1.3
6	BF	BF	1.0	1.0	1.0	.9	1.0	1.0	1.0	.9	.9	1.0	1.0	1.2	1.2	1.1	1.1	1.1	.9	1.1	1.0	1.1	1.0	1.0	22	1.2
7	BF	BF	1.0	1.1	1.0	1.0	1.0	1.0	1.0	.9	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.1	1.1	1.0	1.0	1.0	1.1	1.1	22	1.1
8	BF	BF	1.4	1.0	1.0	1.0	.9	1.0	1.0	1.2	1.2	1.1	1.2	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.0	1.1	1.1	1.0	22	1.4
9	BF	BF	1.0	1.0	1.1	1.0	1.0	1.1	1.1	1.0	1.0	1.0	1.0	1.1	.9	.9	1.0	1.0	1.1	1.0	1.0	1.1	1.0	1.1	22	1.1
10	BF	BF	1.1	1.0	1.1	1.0	1.0	1.2	1.1	1.1	1.0	1.1	1.1	1.0	1.0	1.0	1.1	1.2	1.1	1.0	1.1	1.1	1.0	1.0	22	1.2
11	BF	BF	1.0	1.0	1.1	1.1	1.2	1.0	1.0	.9	1.0	.9	.9	1.1	AT	.9	1.0	.9	1.1	1.0	.9	1.0	.8	.9	21	1.2
12	BF	BF	.9	.8	1.0	1.0	1.0	1.1	1.1	1.2	1.1	1.2	.9	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.0	.9	22	1.2
13	BF	BF	.9	.8	.9	1.0	1.1	1.0	1.0	1.1	1.0	1.0	.9	1.1	1.0	.9	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	22	1.1
14	BF	BF	.9	.9	1.0	1.0	1.0	1.1	1.4	1.8	BA	1.3	1.0	1.1	.9	1.0	1.0	1.0	1.0	1.0	.8	.8	.9	.9	21	1.8
15	BF	BF	.9	.8	.8	.9	1.0	.9	1.0	1.0	1.2	1.1	1.1	1.1	1.1	1.2	1.1	1.2	1.2	1.2	.8	.7	.8	.8	22	1.2
16	BF	BF	.5	.7	.6	.7	.8	2.2	.9	.9	1.1	.9	1.1	1.3	1.4	1.8	2.9	1.7	1.2	1.6	1.1	.9	.9	1.0	22	2.9
17	BF	BF	1.0	1.0	.9	1.5	.8	.8	.8	.7	.8	.8	.8	.8	.7	.9	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	22	1.5
18	BF	BF	.9	.9	1.0	1.0	.9	1.0	1.0	1.0	.9	1.0	1.0	1.0	1.1	1.0	.9	1.0	1.0	1.0	1.0	1.0	1.0	.9	22	1.1
19	BF	BF	.9	.9	.9	.9	1.0	1.0	1.1	1.1	1.1	1.1	1.0	1.0	1.1	1.1	1.2	1.0	1.0	.7	.7	.7	.6	.6	22	1.2
20	BF	BF	.6	.7	.6	.7	.6	.8	.9	.8	.8	.8	.6	.7	.7	.7	.6	.8	.8	.8	.8	.7	.8	1.0	22	1.0
21	BF	BF	.6	.7	.7	.9	.9	.8	.9	.6	.6	.7	.7	.8	.8	1.0	.8	.9	.9	.9	1.0	.9	1.0	.9	22	1.0
22	BF	BF	.9	.9	1.0	1.0	1.0	1.3	1.8	2.0	1.6	1.0	.9	1.0	1.2	1.1	1.1	1.0	1.0	1.0	.9	.9	.9	1.0	22	2.0
23	BF	BF	1.0	1.0	1.0	.8	.6	.9	.9	.9	1.1	1.1	.7	.9	.9	.9	.9	.7	.7	.9	.8	.7	.8	.9	22	1.1
24	BF	BF	.9	.8	.9	1.0	1.0	1.1	1.0	1.0	1.1	1.0	1.0	.9	.9	.6	.8	.8	.8	.8	.8	.8	.6	.7	22	1.1
25	BF	BF	.7	.7	.6	.7	.6	.7	.7	.9	.9	.8	.8	.7	.6	.7	.7	.8	.8	.8	.7	.6	.8	.6	22	.9
26	BF	BF	.7	.8	.9	.9	.9	.8	.8	.8	1.0	.9	1.0	.9	.8	.8	.8	.9	.9	.9	1.0	.8	.8	.8	22	1.0
27	BF	BF	.9	.9	.8	.8	.8	.8	.8	.9	1.0	1.2	1.1	1.1	1.0	1.0	1.0	1.0	.9	1.0	.9	.8	.7	.8	22	1.2
28	BF	BF	.7	.7	.8	.9	.9	1.0	.8	.8	1.2	BD	BD	BD	1.0	.9	1.0	.9	.9	.7	.9	.9	.8	.7	19	1.2
29	BF	BF	.7	.6	.6	.6	.8	.8	.9	.9	1.0	1.1	.9	.9	.9	1.0	.9	1.0	.8	.7	.8	.8	.9	.8	22	1.1
30	BF	BF	.9	.9	.8	.8	.8	.8	.8	.7	.9	.9	.9	.9	.8	.8	.8	.9	.8	1.0	.8	.9	.9	.8	22	1.0
31																									0	
NO.:		1	30	30	30	30	30	30	30	30	29	29	29	29	29	30	30	30	30	30	30	30	30	30		
MAX:		1.0	1.4	1.2	1.2	1.5	1.2	2.2	1.8	2.0	1.6	1.3	1.2	1.3	1.4	1.8	2.9	1.7	1.2	1.6	1.2	1.1	1.1	1.1		
AVG:		1.00	.90	.89	.90	.94	.93	1.03	1.00	1.01	1.03	1.01	.97	1.00	.99	.99	1.04	1.02	.99	.98	.93	.91	.91	.91		

MONTHLY OBSERVATIONS: 656 MONTHLY MEAN: .97 MONTHLY MAX: 2.9

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

(42401) Sulfur dioxide

SITE ID: 37-027-0003 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: 35.9358330009
LONGITUDE: -81.530278
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 366
PROBE HEIGHT: 4.01

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

REPORT FOR: JULY 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	.7	.8	.8	.7	.7	.8	.7	.7	.8	.9	.9	.8	.9	.9	.8	.8	.8	.9	.9	1.0	.8	.7	.8	23	1.0
2	BF	.9	.9	.8	.9	.8	.8	1.0	1.0	.9	.9	.8	.9	.8	.8	.9	.9	.8	.8	.8	.9	.8	.7	.7	23	1.0
3	BF	.9	.8	.6	.8	.9	.7	.8	.8	.8	.8	.8	.8	.8	.9	.9	.9	.9	1.1	1.0	.9	.9	.7	.8	23	1.1
4	BF	.9	.9	.7	.6	.8	.9	.7	.8	.9	1.0	1.0	.9	1.0	.9	.9	.9	.8	.8	.8	1.0	.8	.9	.9	23	1.0
5	BF	.8	.7	.7	.7	.8	.7	.6	.9	.8	.8	.8	1.1	1.0	1.1	1.1	.9	.8	.9	1.1	1.1	1.1	1.0	1.1	23	1.1
6	BF	1.0	.9	1.0	1.0	1.1	1.1	.9	1.0	.8	.9	.7	.8	.7	.9	.9	1.0	1.0	1.1	1.0	1.0	1.0	1.1	1.0	23	1.1
7	BF	.8	1.1	.9	.9	.9	1.0	.9	.9	1.0	1.0	1.0	1.1	1.0	1.0	1.0	.9	1.1	1.0	1.0	.9	1.0	1.0	1.0	23	1.1
8	BF	1.0	.9	1.0	1.0	1.0	1.0	1.0	1.2	1.0	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.2	.8	.9	.5	.8	.9	1.0	23	1.2
9	BF	.7	1.1	1.0	1.0	1.0	1.0	.9	1.0	1.0	1.1	1.1	1.0	1.0	1.1	1.1	1.1	1.0	1.0	1.0	.8	.9	1.1	.9	23	1.1
10	BF	1.1	1.1	1.0	1.0	1.2	1.0	1.1	1.0	1.1	1.1	1.1	1.2	1.0	1.1	1.1	1.2	1.2	1.1	1.1	1.1	1.0	1.1	1.1	23	1.2
11	BF	1.0	.9	.8	.9	.8	.8	.8	.6	.4	.4	.4	.4	.3	.3	.4	.4	.5	.4	.4	.4	.5	.3	.4	23	1.0
12	BF	.7	.6	.5	.6	.6	.6	.4	.7	.6	.5	.8	.8	.6	.4	.5	.4	.4	.4	.3	.5	.3	.1	.3	23	.8
13	BF	.6	.6	.4	.5	.6	.7	.7	.6	.6	.6	.8	.8	.7	.8	1.0	.9	1.0	.9	.8	.9	.7	.8	.8	23	1.0
14	BF	.9	.7	.7	.6	.9	.8	.9	1.0	1.0	.8	.7	.6	.6	.5	.6	.7	.6	.5	.4	.2	.2	.0	-.3	23	1.0
15	BF	.6	.6	.5	.5	.4	.5	.5	.5	.6	.7	.5	.5	.3	.4	.4	.4	.5	.5	.5	.3	.5	.5	.4	23	.7
16	BF	.4	.4	.3	.2	.3	.8	1.0	.9	1.0	1.1	1.0	1.5	1.3	1.2	1.1	1.0	1.0	1.0	.8	1.0	.8	.9	.9	23	1.5
17	BF	1.0	.8	.8	.9	.9	1.1	1.0	1.1	1.3	1.4	1.3	1.3	1.3	1.4	1.0	1.0	1.1	1.0	.9	1.2	1.0	1.0	1.0	23	1.4
18	BF	1.0	1.1	1.0	.9	1.0	1.0	1.1	1.1	1.0	1.1	1.0	1.0	1.1	1.1	1.1	1.0	1.1	1.1	1.0	.9	1.0	1.0	1.0	23	1.1
19	BF	.9	.9	.9	1.0	.9	.9	1.0	.9	1.0	1.1	1.1	1.0	1.0	1.1	1.0	1.0	.9	1.0	1.0	.9	.9	1.0	.9	23	1.1
20	BF	1.0	1.0	.9	.8	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	.9	.9	1.0	.9	1.1	1.0	1.0	.8	1.0	1.0	1.0	23	1.1
21	BF	.9	.9	1.0	.9	1.0	1.0	1.1	.9	.9	1.0	1.0	.9	.9	.9	1.0	.9	.9	1.1	.9	.9	1.0	.9	1.0	23	1.1
22	BF	1.5	1.0	1.1	1.2	1.1	1.1	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.0	1.0	1.0	.8	.8	.9	.8	.9	1.0	1.2	23	1.5
23	BF	.9	.9	.9	1.0	1.0	.9	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.0	.9	.6	.7	.8	.8	.9	1.0	1.0	23	1.1
24	BF	.7	.8	.7	.7	.6	.5	.6	.5	.4	.6	.7	.7	.8	.7	BJ	.5	.6	.6	.8	.7	.4	.4	.4	22	.8
25	BF	.4	.3	.4	.5	.4	.5	.4	.5	.3	.5	.3	.3	.4	.4	.3	.3	.4	.5	.6	.4	.6	.4	.5	23	.6
26	BF	.4	.6	.4	.6	.5	.6	.7	.6	BC	BC	BC	.3	.2	.1	.1	.0	.0	.1	.0	.0	.2	.1	.1	20	.7
27	BF	.3	.3	.1	.2	.1	.1	.1	.2	.1	.2	.1	.2	.0	.1	.1	.2	.2	.2	.0	.4	.4	.2	.2	23	.4
28	BF	.3	.4	.4	.3	.3	.3	.3	.3	.3	.3	.2	.3	.3	.4	.4	.4	.5	.4	.4	.2	.2	.2	.3	23	.5
29	BF	.3	.2	.3	.3	.3	.4	.2	.4	.4	.4	.5	.6	.5	.7	.6	.6	.5	.5	.6	.5	.4	.4	.5	23	.7
30	BF	.2	.3	.4	.3	.2	.2	.2	.3	AZ	AZ	AZ	AZ	.4	.1	.0	.1	.0	.1	-.1	.0	.0	-.1	-.2	19	.4
31	BF	-.6	-.6	-.6	-.7	-.7	-.5	-.3	-.1	.0	-.2	.0	.1	.0	.2	.0	.1	.2	.1	.2	.1	-.1	.0	-.1	23	.2
NO.:		31	31	31	31	31	31	31	31	29	29	29	30	31	31	30	31	31	31	31	31	31	31	31		
MAX:		1.5	1.1	1.1	1.2	1.2	1.1	1.1	1.2	1.3	1.4	1.3	1.5	1.3	1.4	1.1	1.2	1.2	1.1	1.1	1.2	1.1	1.1	1.2		
AVG:		.72	.71	.66	.67	.69	.72	.72	.75	.76	.80	.79	.81	.74	.76	.74	.72	.73	.72	.70	.68	.67	.65	.66		

MONTHLY OBSERVATIONS: 705 MONTHLY MEAN: .72 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: 37-027-0003 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: 35.9358330009
LONGITUDE: -81.530278
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 366
PROBE HEIGHT: 4.01

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

REPORT FOR: AUGUST 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	.2	.2	.3	.1	.1	.1	.1	.2	.1	.1	.2	.3	.3	.2	.4	.2	.3	.0	.1	.1	.0	-.1	-.2	23	.4
2	BF	-.2	-.1	.0	.3	.3	.3	.3	.2	.5	.0	.2	.1	.4	.2	.2	.4	.1	.0	.1	.1	.1	.1	.0	23	.5
3	BF	.1	.1	.1	.1	.1	.3	-.1	-.2	-.1	-.1	.1	.1	.1	.4	.3	.3	.3	.1	.4	.5	.4	.0	.1	23	.5
4	BF	.6	.5	.1	.0	.3	.4	.5	.0	.0	.6	.5	.5	.5	.5	.1	.4	.3	.5	.4	.3	.3	.1	.2	23	.6
5	BF	.3	.1	.1	.1	.1	.1	.2	.3	BJ	.3	.2	.4	.8	.7	.7	.5	.7	.8	.5	.8	.6	.4	.5	22	.8
6	BF	.6	.6	.3	.2	.4	.6	.6	.7	.6	.6	.6	.5	.4	.5	.6	.4	.6	.6	.6	.5	.6	.7	.7	23	.7
7	BF	.8	.7	.7	.6	.7	.6	.5	.6	.7	.6	.6	.6	.6	.6	.3	.5	.6	.6	.6	.6	.6	.6	.5	23	.8
8	BF	.6	.6	.6	.7	.6	.7	.6	.7	.6	.6	.6	.5	.7	.6	.8	.7	.7	.7	.7	.7	.8	.6	.7	23	.8
9	BF	.6	.6	.7	.6	.6	.7	.6	.9	1.4	1.7	1.4	1.0	.8	.4	.5	.4	.4	.3	.3	.1	.1	.3	.3	23	1.7
10	BF	.5	.5	.4	.4	.2	.2	.3	.3	.4	.5	.4	.4	.4	.5	.5	.2	.3	.3	.3	.4	.5	.5	.4	23	.5
11	BF	.6	.5	.4	.3	-.1	.1	.2	.0	.2	.2	.1	.1	-.3	-.8	-.1	.0	-.3	-.5	-.7	-.8	-1.1	-1.0	-.9	23	.6
12	BF	-.5	-.4	-.7	-.8	-.7	-.7	-.7	-.6	-1.0	-.9	-.9	-.9	-.8	-.6	-.6	-.3	-.4	-.6	-.8	-.7	-1.0	-.9	-.7	23	-.3
13	BF	-.4	-.2	-.4	-.6	-.6	-.5	-.2	-1.4	-1.7	-.7	-.5	-1.1	-1.0	-.6	-.6	-1.0	-1.6	-1.8	-1.3	-.8	-1.8	-1.2	-.7	23	-.2
14	BF	-1.3	-2.0	-1.6	-1.4	-1.3	-1.1	-1.3	-1.1	-.1	-.9	-.9	-.7	-.6	-.7	-.3	-.4	.3	-.3	-1.1	-1.2	-.6	-1.3	-1.5	23	.3
15	BF	-1.5	-1.2	-1.5	-1.1	-.9	-2.0	-1.3	-.5	-1.3	-1.0	-1.1	-.7	-1.1	-.8	-.1	.0	.0	.0	-1.0	.1	.1	.1	.0	23	.1
16	BF	-1.4	.0	.0	-1.5	-1.7	-.4	.8	.8	.8	1.3	BC	BC	.7	.5	.1	-.1	-.1	-.2	-.2	-.3	-.6	-.3	-.2	21	1.3
17	BF	.0	-.7	-1.3	.0	.0	-2.0	.0	.0	.0	.0	-2.0	-1.5	-1.8	-2.0	-1.9	-1.5	-1.8	-1.6	-1.5	.0	.0	-1.7	-1.4	23	0.0
18	BF	-1.4	-.9	-1.3	-.9	-.8	-1.0	-1.0	-1.0	-.9	-1.3	-.6	-1.1	-.9	-1.6	-1.5	-1.0	.0	.0	-1.3	-1.8	-1.9	.0	-1.8	23	0.0
19	BF	-.8	-1.1	-.7	-.7	-.6	-.8	-.9	-.7	-1.2	-2.0	-1.4	-.8	-.9	-.7	-.5	-.7	-.6	-.6	-.8	-.9	-1.2	-1.2	-1.5	23	-.5
20	BF	-1.5	.0	-1.6	.0	-1.6	-1.2	-1.1	-.5	-.8	-.6	-.7	-1.0	-.8	-.8	-.5	-.3	-.6	-.3	-.5	-.4	-.3	-.2	-.5	23	0.0
21	BF	-.4	-.3	-.3	.0	-.3	-.2	-.2	-.1	-.2	-.2	-.1	-.1	-.1	-.1	-.2	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.2	23	0.0
22	BF	-.1	-.5	-1.5	-1.7	-.2	-.2	-.1	-.1	-.2	-.3	-.1	-.3	-.2	.0	.0	-.1	.1	.0	.0	.1	.0	.0	.0	23	.1
23	BF	.0	.1	.1	.0	.0	.0	.2	.0	.2	.0	.1	-.1	-.1	.1	.2	.1	.1	.0	.1	.0	.1	.1	.0	23	.2
24	BF	.0	.0	.0	-.1	.0	.0	-.1	.0	.1	.2	.1	.2	.2	.2	.2	.3	.3	.1	.1	.1	.0	.1	-.1	23	.3
25	BF	.1	-.1	.1	.1	.1	.0	.1	.2	.2	.2	.3	.1	.2	.2	.0	.2	.1	.1	.0	.0	.0	-.3	.0	23	.3
26	BF	.1	.0	.0	.0	.1	.0	.2	.2	.2	.2	.2	.3	.2	.1	.2	.2	.2	.2	.2	.1	.0	-.1	.0	23	.3
27	BF	.1	.2	.0	.0	.0	.1	.1	.1	.1	.1	.0	.1	-.1	.0	.1	.0	.1	.0	.1	.1	.0	.1	.0	23	.2
28	BF	.0	-.1	-.2	-.1	.1	.1	-.3	.0	.0	.0	-1.7	-1.5	-2.0	.0	-1.3	-1.4	-1.5	-1.4	-.4	.2	.1	.1	.1	23	.2
29	BF	.1	.2	.0	.0	.1	.2	.2	-.4	-1.8	.0	.0	.0	.0	.0	.0	.0	.0	-1.8	-1.8	.0	-1.5	.0	-1.0	23	.2
30	BF	-1.1	-1.6	-2.0	-1.8	.0	.0	.0	-2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-1.7	.0	-2.0	-1.5	23	0.0
31	BF	-.3	-.4	.0	.1	.0	.0	.1	-.3	-.3	-.5	.1	.1	.1	.0	-.1	.0	.0	.1	-.1	.0	-.3	-1.1	-1.9	23	.1
NO.:		31	31	31	31	31	31	31	31	30	31	30	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:		.8	.7	.7	.7	.7	.7	.8	.9	1.4	1.7	1.4	1.0	.8	.7	.8	.7	.7	.8	.7	.8	.8	.7	.7		
AVG:		-.18	-.15	-.30	-.23	-.16	-.18	-.05	-.12	-.12	-.04	-.14	-.15	-.14	-.10	-.08	-.06	-.05	-.15	-.23	-.13	-.20	-.25	-.34		

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: -.15 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: 37-027-0003 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: 35.9358330009
LONGITUDE: -81.530278
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 366
PROBE HEIGHT: 4.01

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

REPORT FOR: SEPTEMBER 2013

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	-1.7	-1.2	-1.3	-.5	-.5	-.2	.0	-.1	.1	.1	.2	.1	.0	.0	.0	.0	.0	-.1	-.3	-.2	-.1	-.1	-.1	23	.2
2	BF	.0	.0	.0	.0	-.1	.0	.0	.0	.1	.4	.5	.3	.1	.1	.1	.1	.2	-.1	.0	.0	.0	.0	.0	23	.5
3	BF	-.1	-.1	.0	-.1	.0	-.1	-.2	-.3	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.1	-.1	.0	-.1	-.3	-1.1	23	.1
4	BF	-1.3	-1.2	-.8	-.1	-.2	-.4	.0	-.5	-.2	.0	-.1	-.1	-.1	-.2	-.1	.1	.1	.0	.0	.0	.0	.0	.0	23	.1
5	BF	.0	.1	.2	.1	.1	.0	.2	.3	.5	.2	.1	.2	.1	.2	.1	.1	.1	.1	.0	.1	.0	.0	.1	23	.5
6	BF	.1	.1	.1	.1	.1	.1	.2	.4	.6	.7	.6	.5	.4	.4	.5	.4	.4	.3	.1	.1	.0	.0	.0	23	.7
7	BF	.1	.1	.0	.2	.1	.0	-.1	.0	.7	.8	.6	.6	.4	.4	.5	.4	.2	.1	.1	.0	.1	-.1	.0	23	.8
8	BF	.0	.0	-.1	-.2	-.2	-.1	.0	.0	.0	-.1	-.1	.0	.1	.0	.1	.1	.3	.2	.2	.1	.1	.0	.2	23	.3
9	BF	.1	.1	.1	.1	.2	.2	.2	.3	.6	.6	.5	.5	.8	.3	.3	.9	1.3	.5	.3	.2	.2	.1	.2	23	1.3
10	BF	.2	.2	.2	.2	.2	.3	-.1	.1	.2	.2	.3	.3	.4	.4	.1	.2	.3	.2	.0	.1	.1	.1	.0	23	.4
11	BF	.0	-.1	.0	.0	.0	.0	.0	.1	.1	.0	.2	.2	-.3	.0	-.3	-.1	-.2	-.2	-.7	-.3	-.5	-.1	-.5	23	.2
12	BF	-1.4		-1.8	-1.8	-1.8	-1.7	-1.5	-1.7	-1.3	-1.4	-1.9	-1.5	-1.3	-1.5	-1.1	-1.4	-1.6	-1.5	-1.8	-1.7	-1.4	-1.0	-.2	22	-.2
13	BF	.0	.0	-.1	.1	.2	-.5	-.2	.1	.2	.1	.2	.2	.1	.1	-.1	.1	.2	.2	.2	.4	.2	.1	.1	23	.4
14	BF	.0	.0	-.1	.0	.0	.1	.0	.1	.4	.4	.5	.2	-.1	.0	.0	.2	.2	.2	.1	-.1	-.1	.0	.0	23	.5
15	BF	.0	-.1	.0	-.1	.0	.0	.1	.3	.5	.4	.3	.3	.2	.2	.3	.2	.2	.2	.1	.0	.0	.0	.1	23	.5
16	BF	.0	.1	.0	.1	.0	.1	.1	BA	BA	.2	.2	.1	.1	.2	.1	.3	1.2	1.0	.5	.2	.2	.1	.2	21	1.2
17	BF	.4	.3	.2	.1	.1	.2	.2	.2	.5	.5	.5	.5	.4	.5	.5	.4	.4	.3	.2	.1	.2	.0	.0	23	.5
18	BF	.3	.4	.6	.6	.5	.5	.5	.2	.3	.4	.3	.3	.2	.2	.2	.2	.2	.2	.2	.1	.1	.2	.2	23	.6
19	BF	.2	-.2	.1	.0	.1	.2	.1	.1	.0	-.3	-.3	-.3	.0	.3	.1	.2	.2	.1	.1	.0	.1	.1	.0	23	.3
20	BF	.2	.1	.1	.2	.1	.2	.2	.3	.3	.3	.3	.1	.1	.2	.2	.2	.2	.3	.1	.1	.0	.0	.1	23	.3
21	BF	.0	.0	.0	.1	.1	.1	.2	.3	.2	.3	.3	.2	.1	.1	.1	.0	.0	.0	.1	.1	.0	.0	.0	23	.3
22	BF	.1	-.1	-.1	.0	.0	-.1	.2	.1	.1	.0	.1	.0	-.1	.1	.1	.2	.1	.1	.1	.1	.2	.1	.1	23	.2
23	BF	.1	.0	.1	.0	.1	.2	.2	.1	.2	.4	.8	.3	.3	.3	.3	.2	.1	.1	.2	.1	.1	.2	.1	23	.8
24	BF	.1	.2	.2	.2	.2	.2	.1	.2	.3	.2	.2	.2	.3	.3	.2	.2	.2	.1	.2	.2	.1	.1	.2	23	.3
25	BF	.1	.2	.1	.2	.1	.1	.1	.2	.2	.2	.1	.2	.1	.1	.2	.2	.1	.1	.1	.2	.1	.0	.2	23	.2
26	BF	.3	.1	.1	.1	.0	.1	.0	.0	.1	.2	.2	.3	.1	-1.2	.1	.2	.1	-.2	.1	.0	.1	.1	.0	23	.3
27	BF	-.1	.1	.1	.1	.0	.2	.3	.2	.3	.7	.6	.4	.4	.3	.4	.3	.4	.2	.1	.3	.2	.2	.3	23	.7
28	BF	.2	.0	.1	.1	.3	.3	.3	.4	.5	.3	.2	.3	.2	.2	.3	.2	.2	.3	.3	.2	.1	.1	.1	23	.5
29	BF	.2	.2	.0	-.1	.2	.2	.1	-.1	.0	.0	.2	.2	.1	.3	.2	.2	.2	.2	.2	.1	.1	.1	.0	23	.3
30	BF	.2	.0	.1	.0	-.1	.1	.1	.0	.3	.3	.0	.1	.2	.2	.3	.2	.1	.2	.1	.2	.3	.2	.1	23	.3
31																									0	
NO.:		30	29	30	30	30	30	30	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:		.4	.4	.6	.6	.5	.5	.5	.4	.7	.8	.8	.6	.8	.5	.5	.9	1.3	1.0	.5	.4	.3	.2	.3		
AVG:		-.06	-.02	-.06	-.01	-.01	.01	.04	.04	.20	.20	.19	.16	.11	.08	.12	.15	.18	.11	.03	.02	.01	.01	.01		

MONTHLY OBSERVATIONS: 687 MONTHLY MEAN: .07 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: 35.9358330009
LONGITUDE: -81.530278
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 366
PROBE HEIGHT: 4.01

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

REPORT FOR: OCTOBER 2013

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	.0	.2	.1	.3	.2	.2	.2	.1	.3	.3	.3	.3	.3	.2	.0	-1.1	-.7	.1	.0	.1	23	.3
2	BF	.0	.0	.0	-.1	.2	.3	.3	.2	.3	.2	.2	.0	-.3	-.4	-.1	-.6	-.8	-1.4	-.6	-1.9	.0	-1.4	-.8	23	.3
3	BF	-.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.9	-1.2	-1.5	-1.9	.0	-1.6	.0	-2.0	-1.2	.0	.0	.0	23	0.0
4	BF	-1.9	.0	.0	.0	.0	.0	-2.0	.0	-.2	.1	.1	.1	.2	.3	.1	.2	.3	.2	.2	.0	-.4	-.2	-.2	23	.3
5	BF	.1	-.2	-.3	-.3	-.5	-.7	-.5	-.3	-.2	-.4	-.8	-.5	-.3	-.9	-1.7	-1.2	-1.3	-.8	-1.0	-1.0	-1.2	-1.4	-1.4	23	.1
6	BF	-1.9	-1.4	-1.1	-1.6	-1.0	-1.5	-1.6	-1.2	-1.2	-.9	-.8	-.6	-.7	-.1	-.9	-.7	-.8	-.8	-1.0	-.8	-.7	-1.0	-.6	23	-.1
7	BF	-.4	-.4	-.4	-.7	-.4	-.5	-.8	-.6	-.5	-.6	-.7	-1.1	-.9	-.9	-.2	-.2	-.9	-.9	-1.0	-1.5	-1.2	-1.9	.0	23	0.0
8	BF	-1.2	-1.5	-1.5	-1.5	-1.6	.0	-1.6	-1.6	-1.6	-.8	-1.0	-1.6	-1.8	-1.2	-.9	-1.3	-1.7	.0	-1.5	.0	.0	.0	.0	23	0.0
9	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-1.3	-2.0	.0	-1.2	-1.7	23	0.0
10	BF	.0	-2.0	-1.8	.0	.0	.0	.0	.0	.0	-1.5	-1.6	-1.8	-1.9	.0	-1.6	-1.8	.0	-2.0	.0	.0	.0	.0	.0	23	0.0
11	BF	.0	.0	.0	.0	.0	.0	.0	.0	-1.6	-.8	-1.2	AI	-1.1	-.5	-1.3	.4	1.0	-.1	-1.5	-1.1	-.8	-.6	-.8	22	1.0
12	BF	-1.7	.0	.0	.0	-1.5	-1.8	.0	-1.6	-1.7	-1.9	-.6	.3	-.4	-.9	-1.1	-.7	-.5	-1.1	-.9	-.4	-.8	-.2	-.3	23	.3
13	BF	-.3	-.7	-.7	-1.0	-.5	-.7	-.5	-.9	-1.2	-.8	-.8	-1.1	-1.5	.0	-.8	-1.1	-1.5	-1.3	-1.4	.0	-1.7	-1.8	-1.2	23	0.0
14	BF	-.9	-.6	-.5	-.3	-.5	-.8	-.8	-.6	-.4	-.6	-.2	-.3	BA	-.2	-.2	-.4	-.7	-.8	-.4	-1.5	-.9	-.9	-.7	22	-.2
15	BF	-.6	-.8	.0	-.5	-.3	.2	-.2	-.2	-.2	.0	-.1	-.1	-.2	.0	-.1	-.2	-.1	-.3	-.6	-.4	-.5	-.2	-.4	23	.2
16	BF	-.3	-.6	-.9	.0	-.3	-.2	-.6	.0	.6	1.6	1.0	.7	.5	.4	.0	.0	.4	.1	.1	.0	.0	.1	-.1	23	1.6
17	BF	.1	.1	.1	.1	.0	-.3	-.2	-.5	-.5	-.4	-.3	-.4	-.4	-.3	-.1	-.3	-.2	-.3	-.1	-.5	-.4	-.2	-.3	23	.1
18	BF	.0	-.2	-.4	-.7	-.2	-.3	-.3	.1	-.1	-.2	.0	.2	.2	-.2	-.2	.0	.3	.2	.2	.1	.1	.2	.0	23	.3
19	BF	-.2	-.4	.0	.0	-.1	-.3	-.1	-.2	-.1	-.2	-.3	-.4	-.4	-.2	-.9	-.1	.0	-.1	.0	-.1	-.2	-.2	-.2	23	0.0
20	BF	-.2	.2	.0	.1	-.2	-.6	-.7	-.4	-.5	-.5	-.7	-.4	-.4	-.9	-.8	-.2	.0	.2	-.5	-.2	-.1	.0	-.1	23	.2
21	BF	-.1	.0	.1	-.5	-.8	-.8	-1.0	-.7	.1	.1	-.1	-.1	-.7	.1	-.8	-.2	.2	.1	.1	.1	.1	.0	-.1	23	.2
22	BF	.1	.1	.1	.2	-.1	.1	.2	.1	.2	.3	.5	.4	.4	.6	.6	.7	.6	.3	.3	.3	.4	.3	.2	23	.7
23	BF	.1	.1	.0	.1	.3	.2	.1	.3	.1	.1	.2	.1	.2	.3	.4	.5	.7	.8	.6	.9	.7	.4	.6	23	.9
24	BF	.2	.3	.2	.2	.0	.3	.2	.2	.4	.3	.4	.4	.0	.4	.3	.0	.3	.1	.4	.4	.4	.5	.6	23	.6
25	BF	1.4	.9	1.2	.9	.9	1.2	.9	.4	.8	.8	.9	1.2	1.2	.9	.9	.2	.3	.4	.4	.3	.3	.4	.3	23	1.4
26	BF	.2	-.2	.2	.3	-.1	.1	.2	.3	.3	.6	.7	.5	.4	.4	.3	.3	.2	.4	.2	.4	.3	.3	.2	23	.7
27	BF	.2	.0	-.5	-.3	.2	.0	.0	.2	.3	.4	.6	.6	.5	.6	.5	.5	.5	.6	.5	.5	.5	.4	.4	23	.6
28	BF	.4	.4	.4	.5	.5	.4	.6	.5	.5	.6	.6	.6	.5	.0	-.3	.4	-.2	.2	-.5	-.6	-.2	.2	.3	23	.6
29	BF	-.4	.0	-.2	.1	.4	.6	.6	.4	.1	.3	.5	.3	.3	.4	.4	.5	.5	.4	.2	.1	.0	.2	.2	23	.6
30	BF	.1	.0	.4	.0	.3	.0	-.4	.1	.2	.1	.3	.5	.3	-1.8	-.1	-1.1	.0	.0	-.5	.2	.1	.2	.3	23	.5
31	BF	.0	-1.6	-.5	-.1	-.5	.1	.4	.4	.3	-.4	.3	.8	.0	-1.6	.2	.2	.2	.4	.4	.4	.4	.3	.3	23	.8
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:		1.4	.9	1.2	.9	.9	1.2	.9	.5	.8	1.6	1.0	1.2	1.2	.9	.9	.7	1.0	.8	.6	.9	.7	.5	.6		
AVG:		-.25	-.27	-.20	-.16	-.18	-.16	-.24	-.17	-.18	-.14	-.09	-.08	-.24	-.22	-.32	-.19	-.15	-.18	-.40	-.33	-.18	-.25	-.17		

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: -.21 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: 37-027-0003 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: 35.9358330009
LONGITUDE: -81.530278
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 366
PROBE HEIGHT: 4.01

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

REPORT FOR: NOVEMBER 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	.3	.3	.2	-.2	.0	.0	.2	.0	.1	.0	-.1	.0	-.2	-.2	.0	-.1	.1	.0	-.1	.0	-.3	-.3	.1	23	.3
2	BF	.5	.4	-.2	-.5	-.4	-.1	-.5	-.1	.2	.1	.3	-.6	-1.3	-.4	-.3	-.2	-.2	-.1	-.1	.1	.1	.0	-.3	23	.5
3	BF	-.2	-.3	-.8	.3	.4	.0	-.2	.4	.5	.2	.4	.1	-.5	-.1	.4	.1	.0	-.6	-1.2	-1.1	-.4	-.7	-1.2	23	.5
4	BF	-1.4	-1.1	-1.3	-1.1	-1.6	-.7	-.6	-.3	.1	-.1	.1	.0	.2	.6	.5	.5	.2	.0	.2	-.6	-.2	-.1	.1	23	.6
5	BF	-.3	-.1	.1	.2	-.1	-.1	-.2	.3	.3	.4	.2	.2	.2	.0	.4	.0	.1	-.3	-.3	.0	-.3	-.1	-.3	23	.4
6	BF	-.1	-.3	-.2	-.5	-.5	-.2	-.3	.0	-.4	-.3	-.3	-.3	BA	-.1	.1	.1	.0	-.5	-.7	-.5	-.4	-.3	-.4	22	.1
7	BF	-.5	-.4	.3	.3	.3	.2	.2	.2	.3	.1	.0	-.2	.3	.3	.5	.5	.2	.4	.8	.9	.7	.7	.6	23	.9
8	BF	.7	.6	.9	1.0	1.6	1.9	.7	-.6	-.3	-.4	-1.0	-.8	-.5	-.2	-.8	-.1	.5	.5	.5	.4	.4	.4	-.1	23	1.9
9	BF	.3	.3	.4	.4	.4	.3	.4	.4	.6	1.1	1.0	1.2	.4	.2	.4	.0	.2	.7	.7	.6	.5	.5	.2	23	1.2
10	BF	.3	.2	.4	.0	-1.7	-1.7	-1.4	-1.5	-1.0	.8	.9	.3	.0	.5	-.6	.6	.8	.5	.6	.6	1.3	1.2	.9	23	1.3
11	BF	.4	.5	.6	-.6	-.5	.5	.7	.8	-.3	.7	.8	.7	.7	.8	.7	.9	1.1	1.0	.9	.9	.9	.7	.7	23	1.1
12	BF	.6	.3	.3	.6	.5	.4	.7	.5	2.3	2.7	1.9	.4	.4	.5	.8	.9	1.0	1.2	1.2	1.2	1.1	1.3	.9	23	2.7
13	BF	1.0	.8	.6	.8	.5	.7	.8	.6	.7	.7	.7	.6	.2	.7	.6	.8	.6	.6	.5	.4	.2	-.2	.4	23	1.0
14	BF	.6	.6	.6	.5	.5	.5	.8	.4	.4	.7	.7	.7	.8	1.1	1.2	1.1	.9	.8	.4	.4	.7	.6	.5	23	1.2
15	BF	.4	.6	.5	.6	.5	.5	.5	.6	.8	1.0	.9	.8	.6	.8	1.0	.9	1.0	.8	.8	.7	.7	.5	.4	23	1.0
16	BF	.6	.7	.7	.5	.7	.5	.6	.6	.6	.6	.6	.7	.6	.5	.5	.6	.6	.5	.7	.5	.6	.7	.7	23	.7
17	BF	.7	.7	.8	.7	.6	.8	.6	.7	.8	.7	.7	.7	.8	.8	.8	.8	.7	.7	.8	.7	.7	.7	.7	23	.8
18	BF	.6	.8	.7	.7	.8	.7	.9	1.0	1.1	1.3	1.3	1.3	1.5	.9	.9	.8	.9	.8	.8	1.1	2.5	1.4	1.3	23	2.5
19	BF	1.7	1.0	.8	.6	.7	.9	.8	1.3	1.6	1.5	1.4	1.3	1.1	1.0	1.0	.8	AV	.6	.6	.8	1.3	1.5	1.1	22	1.7
20	BF	1.3	1.3	1.1	1.1	1.1	1.3	1.5	1.2	1.3	1.1	1.2	1.2	1.3	1.1	1.1	1.0	1.1	.9	.8	.8	.7	.7	.8	23	1.5
21	BF	1.0	.9	.9	1.0	1.0	1.1	1.1	1.0	.9	.8	.9	.9	.7	.8	.7	.5	.6	.7	.7	.7	.8	.6	.6	23	1.1
22	BF	.5	.5	.6	.6	.7	.7	.8	.7	.9	.8	.8	.8	.9	.8	.7	.8	.8	.9	.7	.7	.6	.8	.8	23	.9
23	BF	.8	.6	.7	.8	.7	.8	.7	.8	.8	.8	.8	.7	.7	1.0	1.2	1.8	2.6	2.4	2.0	3.0	2.9	1.5	1.2	23	3.0
24	BF	1.9	2.0	1.6	1.3	1.2	1.1	1.1	1.1	1.2	1.2	1.2	1.1	1.0	1.0	1.0	1.1	1.2	1.2	1.2	1.3	1.1	.9	.8	23	2.0
25	BF	.6	.2	.3	.5	.5	.4	.4	.5	1.7	.8	1.0	1.0	BA	BA	1.2	.8	.9	.6	.7	1.2	1.3	1.0	1.2	21	1.7
26	BF	.6	.9	.7	.7	.5	.5	.7	.4	.1	.1	-.8	.0	.8	1.0	.9	.4	-.3	-.1	-1.5	-1.7	-.7	.0	-.2	23	1.0
27	BF	.5	.4	.4	.7	.9	1.1	1.3	1.3	1.0	1.2	.8	.8	.9	.9	1.2	1.4	1.3	1.5	1.1	1.3	1.1	1.2	1.0	23	1.5
28	BF	.5	.4	.1	.0	.0	.8	.8	1.0	1.0	1.1	1.3	1.3	1.3	1.2	1.3	1.4	1.2	1.1	1.0	1.0	.9	.7	.6	23	1.4
29	BF	.8	1.0	.8	.7	.8	.9	1.0	1.1	1.1	1.2	1.3	1.3	1.2	1.2	1.0	1.2	1.3	1.1	.9	.9	1.1	1.2	1.0	23	1.3
30	BF	1.1	1.1	.9	1.0	1.0	1.0	1.0	1.6	2.9	3.1	3.0	2.5	2.4	2.5	2.4	1.9	2.1	1.5	1.4	1.2	1.0	1.1	1.0	23	3.1
31																									0	
NO.:		30	30	30	30	30	30	30	30	30	30	30	30	28	29	30	30	29	30	30	30	30	30	30		
MAX:		1.9	2.0	1.6	1.3	1.6	1.9	1.5	1.6	2.9	3.1	3.0	2.5	2.4	2.5	2.4	1.9	2.6	2.4	2.0	3.0	2.9	1.5	1.3		
AVG:		.53	.50	.45	.42	.37	.49	.50	.53	.71	.80	.73	.62	.59	.66	.69	.71	.74	.65	.54	.58	.70	.61	.50		

MONTHLY OBSERVATIONS: 686 MONTHLY MEAN: .59 MONTHLY MAX: 3.1

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: 35.9358330009
LONGITUDE: -81.530278
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 366
PROBE HEIGHT: 4.01

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

REPORT FOR: DECEMBER 2013

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	1.0	1.0	.9	.9	.8	.8	.9	1.2	1.5	2.0	1.8	1.8	1.5	1.5	1.5	1.5	1.3	1.2	.6	.8	.8	.7	23	2.0
2	BF	.8	.8	.9	.8	.7	.8	.8	1.1	.9	.8	.8	.8	1.0	1.1	1.0	1.6	1.3	1.0	.9	.9	.9	1.0	1.0	23	1.6
3	BF	1.2	1.1	1.0	.8	.6	.8	1.0	.9	1.0	1.4	.8	.3	.6	.3	.2	.7	.7	.8	.6	.4	.3	-.1	.4	23	1.4
4	BF	.4	.1	-.3	-.4	.0	.2	.2	.4	.6	.4	.4	.8	-.6	-1.6	-.9	-.2	-.4	.2	.3	-.3	-.3	-.4	-.4	23	.8
5	BF	-.4	.6	.6	.1	-1.1	-1.0	-.4	.7	.3	.1	.7	.6	.4	-.4	-.8	-1.1	-.6	-.2	-.5	.0	-1.5	-1.8	.0	23	.7
6	BF	.0	.0	.0	-1.4	-1.7	-.7	.3	.6	.6	.5	.7	.8	.7	.6	.7	.6	1.0	.9	.8	.4	.2	.7	.6	23	1.0
7	BF	.5	.6	.5	.6	.1	.3	.4	.7	.8	.7	.7	.7	.7	.3	.7	.7	.6	.6	.5	.6	.8	.8	.9	23	.9
8	BF	.5	.6	.6	.8	.7	.7	.9	.7	.9	.8	.6	.5	.7	.3	.1	.0	-.4	.2	-.2	.0	.1	.0	.0	23	.9
9	BF	-.5	-.5	-1.6	-2.0	.0	.0	.0	.0	.0	-1.6	-1.4	-1.0	.6	.5	.3	.2	.7	.6	.8	.4	-.4	-.1	-.6	23	.8
10	BF	.0	.0	.0	.0	.0	.0	.0	-1.8	-1.1	-1.4	-.6	-.2	-.5	BA	BA			-.3	-.1	-.3	-.9	-1.1	-.8	19	0.0
11	BF	-.9	-1.0	-.9	-.6	-.6	-.6	-.6	-.7	-.8	-.6	-.5	-.7	-.8	-.7	-.9	-.7	.0	-.3	-.2	-.2	-.2	-.9	-.7	23	0.0
12	BF	-.5	.8	.3	-.1	-.2	-.1	-.3	-.1	.9	.6	.9	1.1	.0	.1	-.1	-.3	-.7	-.7	-1.0	-1.1	-1.5	-1.7	-1.6	23	1.1
13	BF	-.2	-.5	-.4	-.8	.0	.0	.0	.1	-1.6	-.5	1.2	1.0	-.2	.7	-.6	1.1	1.1	1.0	.9	.7	.1	.7	.9	23	1.2
14	BF	.9	1.1	1.1	1.1	1.0	1.0	1.2	1.0	1.2	1.2	1.2	1.1	1.0	1.0	1.0	1.0	.9	.8	.8	.7	.7	.7	.7	23	1.2
15	BF	.7	.8	.7	.6	.4	.2	.4	.5	.7	.7	.6	.8	1.0	.7	.7	.6	.6	.6	.6	.6	.6	.7	.8	23	1.0
16	BF	.6	.6	.8	.8	.6	.8	.8	.8	.9	.9	.8	.8	.9	.9	.9	.9	1.0	1.1	.9	.7	.8	.7	.8	23	1.1
17	BF	.7	.5	.6	.6	.7	.8	.8	1.2	1.1	1.3	1.6	1.5	1.3	1.4	1.3	.8	-.6	.0	-.3	-.2	.2	.3	.4	23	1.6
18	BF	-.4	-.3	-.2	-.3	-.5	-1.2	-1.6	-.9	-.5	-1.4	-1.4	-.2	-.7	.0	-.2	-.2	-1.3	-1.7	-.4	-.4	-1.9	-.8	-1.4	23	0.0
19	BF	.0	.0	.0	-1.3	-.4	-.6	-1.5	.0	-1.5	-1.5	-1.0	-1.1	.0	.0	-1.7	-1.9	-1.7	-.4	-.1	-.2	.4	.4	.4	23	.4
20	BF	-1.6	-1.3	-1.2	-.8	-.2	.0	-.1	.5	.5	1.1	1.2	.9	.2	-.2	.3	.4	.6	.2	.1	.5	-.5	.3	.5	23	1.2
21	BF	.7	.6	.2	-.4	-.2	.7	.8	.9	.7	1.0	.9	.9	.9	.5	.2	.3	.6	.6	.7	.7	.7	.8	.9	23	1.0
22	BF	.9	.9	.9	.9	1.0	.9	.8	.7	.7	.7	.6	.6	.6	.5	.7	.4	.4	.7	.8	.6	.7	.8	.7	23	1.0
23	BF	.8	.8	.7	.5	.5	.4	.5	.5	.7	.6	.8	.6	1.0	1.2	1.3	1.4	1.1	1.8	1.6	1.0	.6	-1.4	-1.1	23	1.8
24	BF	.3	-.1	-.1	.4	.3	.4	.0	-1.0	-.5	-.8	.0	.0	.0	-1.9	-1.2	.5	.3	.3	-.6	.0	-.1	-.8	-1.1	23	.5
25	BF	-1.1	-1.1	-.1	-.1	.0	-.1	.4	.2	.1	-.1	.2	.3	.1	.0	.3	.1	.6	.0	-.2	-.9	-1.3	-2.0	.0	23	.6
26	BF	.0	.2	.5	.3	.3	-.4	-.2	-.3	-.2	-.4	-.5	-.6	-.5	-.9	-.6	-1.0	-.4	-.8	-.5	-.7	.1	.3	.4	23	.5
27	BF	.6	.6	-.6	.6	-1.0	-.1	.1	-.6	-.9	-.6	-.7	.3	.5	-.2	-.7	-.7	-.4	-.6	-.3	-1.5	-.9	-2.0	.0	23	.6
28	BF	.0	-1.3	-2.0	-1.5	.0	.0	.0	.0	-1.3	-.2	-.3	.0	.2	.2	-.4	-.5	-.3	-.4	-.3	-.8	-.9	-1.5	-1.2	23	.2
29	BF	-1.0	-1.3	-.7	-.3	-.2	-.3	-.4	-.3	-.1	-.5	-.7	.2	-.7	.2	.5	-1.2	-1.6	-1.6	-1.2	-.9	-1.5	-1.0	-1.4	23	.5
30	BF	-1.3	.0	-1.7	-.4	-.5	-.5	-.6	-1.5	-1.4	-1.7	-1.6	-1.0	-.6	-1.4	-.6	.0	.5	.2	.1	.4	-.8	.1	.5	23	.5
31	BF	.2	.4	-.9	-.5	.0	.1	-.3	-.1	-.8	-.1	-.5	-.7	-.4	-.7	-.5	.2	-.2	-.4	.0	-1.7	-1.2	.3	.2	23	.4
NO.:		31	31	31	31	31	31	31	31	31	31	31	31	31	30	30	30	30	31	31	31	31	31	31		
MAX:		1.2	1.1	1.1	1.1	1.0	1.0	1.2	1.2	1.2	1.5	2.0	1.8	1.8	1.5	1.5	1.6	1.5	1.8	1.6	1.0	.9	1.0	1.0		
AVG:		.09	.15	-.01	-.04	.04	.11	.14	.16	.10	.09	.24	.35	.30	.13	.08	.17	.16	.18	.18	0.00	-.19	-.20	.02		

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: .10 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

CAS NUMBER: 7446-09-5

SITE ID: 37-051-1003 POC: 1
COUNTY: (051) Cumberland
CITY: (32640) Hope Mills
SITE ADDRESS: 3625 GOLFVIEW RD
SITE COMMENTS:
MONITOR COMMENTS: ABANDONED POPULATION EXPOSURE MONITORING OBJECTIVE ABOUT 2010

STATE: (37) North Carolina
AQCR: (169) SANDHILLS
URBANIZED AREA: (2560) FAYETTEVILLE, NC
LAND USE: COMMERCIAL
LOCATION SETTING: SUBURBAN

LATITUDE: 34.968889
LONGITUDE: -78.9625
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 50.9
PROBE HEIGHT: 3.73

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

REPORT FOR: JANUARY 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BD	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
2	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
3	BD	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	23	1.0
4	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0												12	1.0
5																									0	
6																									0	
7																									0	
8																									0	
9																									0	
10																									0	
11																									0	
12																									0	
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25																									0	
26																									0	
27																									0	
28																									0	
29																									0	
30																									0	
31																									0	
NO.:		4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3		
MAX:		0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0		
AVG:		0.00	0.00	0.00	.25	.25	.25	.25	.25	.50	.75	.75	.50	.33	.33	.33	.33	.33	.33	0.00	0.00	0.00	0.00	0.00		

MONTHLY OBSERVATIONS: 81 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: 37-063-0015 POC: 1
COUNTY: (063) Durham
CITY: (19000) Durham
SITE ADDRESS: 801 STADIUM DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

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

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

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

REPORT FOR: JANUARY 2013

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	BD	-.6	-.7	-.8	-.8	-.8	.9	1.8	.9	.8	1.7	1.9	2.1	1.6	1.6	.7	-1.0	-1.4	-1.5	-1.5	-1.6	-1.6	-1.7	23	2.1
2	-1.6	BD	-1.5	-1.6	-1.7	-1.4	-1.3	-.6	-.2	BF	BF	BF	.9	1.4	1.8	1.9	2.9	1.2	-.9	-1.1	-1.1	-1.2	-1.4	-1.6	20	2.9
3	-1.1	BD	-.8	-.9	-.9	-.8	-.7	.8	2.9	3.0	3.1	3.3	3.1	3.4	3.1	3.3	1.8	.7	-.8	-.7	-.9	-1.0	-.9	-1.0	23	3.4
4	-.8	BD	-1.0	-1.1	-1.2	-1.1	-1.2	.2	1.9	2.9	2.5	2.2	2.1	1.9	2.5	3.3	3.0	1.0	-.4	-.3	-.6	-.6	-.5	-.7	23	3.3
5	-1.0	BD	-.8	-.9	-.9	-.8	-.8	.6	1.9	2.3	2.3	2.1	4.2	7.1	5.1	4.4	4.0	1.9	-.1	-.1	-.3	-.2	-.4	-.4	23	7.1
6	-.4	BD	-.5	-.6	-.6	-.6	-.5	.6	2.2	3.4	3.3	3.3	2.7	2.6	2.6	2.6	2.5	.9	-.6	-.5	-.6	-.7	-.9	-.7	23	3.4
7	-.7	BD	-.7	-.8	-.7	-.7	-.5	1.5	5.1	3.9	2.1	2.1	1.1	1.3	2.9	2.8	2.7	1.0	.0	.0	-.5	-.4	-.6	-.7	23	5.1
8	-.6	BD	-.6	-.6	-.6	-.6	-.5	1.0	2.9	4.1	3.8	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	10	4.1
9	BA	BD	BA	BA	BA	BA	BA	BA	BC	BC	BC	BC	BC	BC	BC	.1	.0	.0	.0	.3	.2	.1	.1	.1	9	.3
10	.0	BD	.1	.1	.2	.2	.1	.0	.5	-.1	.1	.0	.1	-.1	-.2	-.3	-.3	-.2	-.1	-.2	-.2	-.1	-.2	.2	23	.5
11	.0	BD	.3	.5	.3	.0	-.3	-.5	-.5	-.5	-.6	-.6	-.7	-.6	-.7	-.6	-.7	-.6	-.6	-.7	-.7	-.7	-.7	-.7	23	.5
12	-.8	BD	-.7	-.7	-.8	-.7	-.7	-.7	-.5	-.4	-.4	-.5	-.7	-.6	-.4	-.5	-.5	-.5	-.2	-.1	.0	.0	-.1	-.2	23	0.0
13	-.4	BD	-.5	-.4	-.6	-.6	-.6	-.6	-.7	-.5	-.4	-.1	-.1	-.3	-.4	-.4	-.5	-.5	-.4	-.5	-.5	-.5	-.5	-.3	23	-.1
14	.1	BD	-.3	-.5	-.6	-.4	-.6	-.5	-.5	-.4	-.3	-.4	-.4	-.4	-.7	-.8	-.5	-.6	-.7	-.7	-.4	-.5	-.5	-.8	23	.1
15	-.8	BD	-.6	-.7	-.8	-.8	-.8	-.9	-.8	-.8	-.8	-.8	-.8	-.8	-.8	-.9	-.9	-.9	-.9	-.9	-.9	-.8	-.9	-.8	23	-.6
16	-.9	BD	-.9	-.8	-.6	-.6	-.6	-.6	-.7	BA	BA	-.1	-.8	-.8	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.8	-.7	-.7	21	-.1
17	-.7	BD	-.6	-.7	-.7	-.7	-.8	-.7	-.7	-.6	-.7	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.6	-.7	-.6	-.6	-.5	-.5	23	-.5
18	-.5	BD	-.5	-.6	-.6	-.5	-.5	AE	AE	AE	.3	.0	-.1	.0	.0	.0	.1	-.2	-.3	-.3	-.4	-.3	-.2	-.2	20	.3
19	-.2	BD	.1	.1	.0	-.1	-.2	-.2	-.1	-.1	AE	-.1	-.1	.1	-.1	-.2	-.1	-.3	-.1	-.1	AE	AE	-.1	-.2	20	.1
20	-.2	BD	-.2	-.3	-.4	AE	-.4	-.3	-.2	.3	.1	.2	.2	.1	.1	.0	.0	.0	.2	-.1	.0	AE	AE	AE	19	.3
21	-.3	AE	AE	-.5	-.3	-.5	-.4	AE	AE	AE	AE	AE	AE	AE	.1	.1	.0	.1	.1	.1	AE	AE	AE	AE	11	.1
22	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	.2	.2	.3	.4	.3	.3	.4	.6	.4	.4	.5	.3	.3	.3	14	.6
23	.2	BD	.5	.3	.1	.0	.1	.2	.5	.5	.4	.6	.6	.4	.4	.5	.5	.5	.4	.3	.1	.3	.3	.3	23	.6
24	.3	BD	.0	.3	.3	.2	1.7	4.9	2.7	3.3	3.5	3.6	2.6	2.1	2.1	2.2	2.8	1.8	2.1	2.1	2.0	1.7	.9	.7	23	4.9
25	.8	BD	.5	.3	.2	.3	.5	.8	1.2	1.0	.9	.8	.7	.5	.3	.0	-.1	-.1	-.2	-.2	-.2	-.2	-.1	.1	23	1.2
26	.2	BD	.4	.4	.3	.3	.0	.0	.1	.1	.1	.1	.4	.2	.5	1.6	1.5	.4	-.2	-.1	-.1	-.1	.0	-.2	23	1.6
27	-.3	BD	-.3	-.4	-.4	-.5	-.5	-.4	-.1	.2	1.0	2.0	1.9	1.8	1.7	1.5	1.4	1.1	1.0	.9	.7	.5	.8	.6	23	2.0
28	.3	BD	.5	.3	.4	.3	.2	.1	.3	.6	.9	.7	.9	.5	.6	.5	.3	.3	.2	.1	.2	.2	.0	-.1	23	.9
29	-.2	BD	-.3	-.2	-.2	-.2	-.3	-.3	.1	.1	.0	-.1	-.1	.0	.1	-.2	-.1	-.2	-.4	-.5	-.3	-.4	-.4	-.4	23	.1
30	-.2	BD	-.3	-.5	-.5	-.6	-.7	-.7	-.7	-.7	BF	BF	BF	-.7	-.8	-.8	-.8	-.8	-.9	-.9	-.9	-1.0	-1.0	-1.0	20	-.2
31	-.9	BD	-.8	-1.0	-1.0	-.9	-.8	-.5	-.4	-.4	-.4	-.4	-.4	-.6	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	23	-.4
NO.:	29		28	29	29	28	29	27	27	25	25	26	27	28	29	30	30	30	30	30	28	27	28	28		
MAX:	.8		.5	.5	.4	.3	1.7	4.9	5.1	4.1	3.8	3.6	4.2	7.1	5.1	4.4	4.0	1.9	2.1	2.1	2.0	1.7	.9	.7		
AVG:	-.39		-.36	-.42	-.45	-.45	-.41	.15	.67	.88	.87	.74	.70	.73	.68	.67	.61	.12	-.22	-.24	-.29	-.34	-.37	-.39		

MONTHLY OBSERVATIONS: 647 MONTHLY MEAN: .10 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: 37-063-0015 POC: 1
COUNTY: (063) Durham
CITY: (19000) Durham
SITE ADDRESS: 801 STADIUM DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

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

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

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

REPORT FOR: FEBRUARY 2013

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	BD	-.4	-.5	-.4	-.2	-.2	.1	-.1	-.2	-.1	-.2	-.2	-.2	-.2	-.3	-.3	-.2	-.2	-.2	-.2	-.2	AE	AE	21	.1
2	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	0	
3	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	0	
4	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	.1	.1	.1	.0	.1	.2	.0	-.1	.1	.2	.1	.2	.2	.1	14	.2
5	.1	BD	.2	.2	.1	.1	.3	.5	.7	.9	.5	.6	.4	.6	AE	AE	AE	AE	.6	.7	.3	.2	.1	.2	19	.9
6	.0	BD	-.2	-.2	-.1	.1	.1	.2	.4	.3	BF	BF	.2	.2	.1	.1	.4	.6	.9	.8	.5	.6	.6	.2	21	.9
7	.0	BD	.1	.0	.3	.5	.6	.6	.5	.6	.5	.9	.9	.9	1.0	1.0	.8	.6	.2	-.2	-.3	-.3	-.4	-.3	23	1.0
8	-.4	BD	-.3	-.4	-.5	-.3	-.3	.6	.0	.2	.1	.0	-.5	-.4	-.3	-.1	.1	.0	-.1	.2	.2	.6	.4	.5	23	.6
9	.2	BD	.0	-.1	.0	.1	.4	.2	.3	.2	.2	.0	.0	.0	-.1	.0	.0	.1	.7	.3	.1	.3	.4	.1	23	.7
10	-.2	BD	-.1	-.3	-.3	-.4	-.2	-.2	.2	.6	1.0	.8	.7	.8	.6	.5	.1	.1	.1	.1	.0	.0	.0	-.2	23	1.0
11	-.3	BD	-.3	-.3	-.3	-.3	-.3	-.1	.0	-.2	-.3	-.4	-.3	-.3	-.3	-.4	-.3	-.4	-.4	-.4	-.4	-.5	-.4	-.4	23	0.0
12	-.2	BD	-.4	-.4	-.3	-.2	-.2	-.2	-.1	-.1	-.2	.0	.0	.0	-.1	.0	-.1	-.2	-.2	-.2	.0	-.1	-.1	-.3	23	0.0
13	-.3	BD	-.3	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.4	-.5	-.5	-.5	-.4	-.4	-.4	-.4	-.4	-.2	.2	23	.2
14	1.1	BD	1.0	1.0	.5	-.2	-.2	-.2	.0	-.3	-.2	-.1	-.2	.0	.1	.1	-.1	-.1	-.2	.0	-.2	-.1	-.1	-.1	23	1.1
15	-.3	BD	-.2	-.2	-.2	-.1	.0	.2	.4	.4	.1	.0	.0	-.1	-.2	-.1	.1	.0	-.1	.3	.2	.3	.0	.1	23	.4
16	-.3	BD	.2	.1	.8	1.1	.4	.2	.0	-.2	-.2	1.1	.0	.2	-.1	-.2	.0	.6	.2	-.1	.2	1.1	-.2	-.1	23	1.1
17	-.1	BD	.3	.5	.4	.7	.7	.6	.7	.2	AE	AE	.3	.4	.4	.3	.2	.2	.1	.0	.0	.0	-.1	.0	21	.7
18	.0	BD	-.1	-.2	-.2	-.2	.0	.0	.6	.5	.5	.4	.3	.3	.2	.2	.1	.4	.4	.3	.3	.3	.3	.2	23	.6
19	.3	BD	.4	.2	.1	.1	.1	.2	.3	.2	.0	.0	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	23	.4
20	-.3	BD	-.2	-.2	-.2	-.2	-.3	.1	.1	.2	BF	BF	.2	.2	.1	.1	.2	.2	.1	.4	.2	.7	3.4	2.4	21	3.4
21	1.4	BD	1.3	1.0	.6	.3	.2	.3	.6	1.1	.9	.7	.6	.6	.5	.5	.6	.6	.7	1.5	1.5	1.2	.8	.7	23	1.5
22	.8	BD	.8	.3	.1	.2	.2	.2	.4	.3	.3	.5	.5	.5	.5	.3	.1	-.1	.0	-.1	-.1	-.1	-.1	-.2	23	.8
23	-.2	BD	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.2	.0	-.1	-.1	-.1	.1	.1	1.4	1.2	.8	.2	-.1	-.3	-.2	-.3	23	1.4
24	-.2	BD	-.1	-.2	-.3	-.4	-.4	-.3	.2	.7	.6	.2	-.1	.0	.0	-.2	.0	.1	.2	.3	.0	-.2	-.1	-.1	23	.7
25	.0	BD	.2	.0	.1	.0	.0	.1	.2	.7	1.1	.9	.8	.7	.6	.5	.4	.4	.3	.2	.2	.1	.1	.4	23	1.1
26	.3	BD	.9	1.0	.7	.8	.8	.5	.1	.0	-.2	-.2	-.3	-.2	-.3	-.3	-.3	-.2	-.2	-.2	-.1	-.4	-.4	-.3	23	1.0
27	-.4	BD	-.2	-.2	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	.0	.0	-.2	-.2	-.1	-.1	-.3	23	0.0
28	-.3	BD	-.3	-.4	-.4	-.4	-.3	-.2	-.1	-.2	-.2	-.4	.2	-.3	-.2	.0	.2	.0	.0	.0	-.2	-.2	-.2	-.3	23	.2
29																									0	
30																									0	
31																									0	
NO.:	25		25	25	25	25	25	25	25	25	23	23	26	26	25	25	25	25	26	26	26	26	25	25		
MAX:	1.4		1.3	1.0	.8	1.1	.8	.6	.7	1.1	1.1	1.1	.9	.9	1.0	1.0	1.4	1.2	.9	1.5	1.5	1.2	3.4	2.4		
AVG:	.01		.08	0.00	-.02	.01	.02	.10	.18	.20	.17	.17	.10	.12	.06	.06	.11	.13	.13	.13	.05	.10	.14	.08		

MONTHLY OBSERVATIONS: 577 MONTHLY MEAN: .09 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: 36.032944
LONGITUDE: -78.905417
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 118
PROBE HEIGHT: 3

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

REPORT FOR: MARCH 2013

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	BD	-.3	-.3	-.3	-.2	.3	.3	.1	.4	.9	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	23	.9
2	-.1	BD	-.1	-.1	-.1	-.2	-.2	.0	.0	1.2	2.2	.3	.1	.1	.1	.3	.3	.3	1.3	1.7	.1	.4	.4	.2	23	2.2
3	.1	BD	.0	.5	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	.1	.0	.1	.1	.0	.0	.0	.0	11	.5
4	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	.4	.3	.3	.2	.2	.1	.1	.6	.5	.6	.6	.5	.6	.4	14	.6
5	.2	BD	.1	.1	.0	.0	.0	.2	AE	AE	.5	.5	.4	.0	-.1	.0	-.2	-.1	-.1	-.2	-.2	-.2	-.2	-.2	21	.5
6	-.2	BD	-.3	.1	-.1	.0	.1	.2	.0	BA	BA	2.3	.3	.2	.1	.0	.0	.2	.2	.2	.2	.0	.0	.0	21	2.3
7	.1	BD	.4	.4	.5	.5	.5	.6	.4	.3	.3	.1	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.1	.1	23	.6
8	.2	BD	.5	.4	.5	.6	.5	.5	.6	.4	.2	.2	.3	.4	.3	.3	.2	.2	.1	.2	.9	1.0	.2	.6	23	1.0
9	.7	BD	.4	2.6	1.7	1.1	2.7	2.0	1.6	.9	.7	.6	.6	.5	.7	.8	.4	.3	.1	.4	.4	.2	.1	.1	23	2.7
10	.0	BD	.0	.0	-.1	.0	.0	.0	.4	.6	.4	.3	.2	.2	.1	.1	.1	.0	.0	-.1	.2	.0	.1	.0	23	.6
11	.0	BD	.0	.0	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	3	0.0
12	BD	BA	BA	BA	BA	BA	BA	BA	BA	BA	-.3	-.4	-.3	-.2	-.2	-.2	-.1	-.2	-.2	-.1	.0	.0	.0	.0	14	0.0
13	BD	.0	.0	.3	.0	-.2	-.1	.4	.5	BA	BA	BA	.0	.0	.0	.0	-.1	.0	-.1	-.2	-.2	-.3	.0	.0	20	.5
14	BD	.3	.4	.6	.7	.7	.8	1.1	1.0	.6	.4	.3	.3	.5	.7	.5	.4	.4	.2	.1	.1	.0	.0	.2	23	1.1
15	BD	.0	.0	.0	.0	.1	.3	.5	.5	.7	.7	.3	.2	.4	4.3	.5	.4	.4	.5	.4	.2	.3	.5	.4	23	4.3
16	BD	.3	.2	.0	.0	.0	.1	.3	.5	.7	.7	.5	.6	.5	.5	.3	.3	.4	.3	.3	.1	.0	.0	.0	23	.7
17	BD	.0	-.1	-.1	-.1	-.2	.0	.3	.8	.5	1.6	2.4	1.8	.7	.4	.2	.2	.0	.0	-.1	-.1	.0	.0	-.2	23	2.4
18	BD	-.1	-.2	-.2	-.1	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.3	23	-.1
19	BD	.0	.0	-.2	-.3	-.3	-.3	-.1	.0	.1	-.1	-.2	-.1	-.2	.2	.1	.1	.0	.1	.3	.2	-.1	-.1	.0	23	.3
20	BD	.2	.0	.0	-.1	.0	.0	.3	.4	.2	.1	BA	BA	BA	.0	-.1	-.2	-.2	.0	-.1	.0	-.1	-.2	-.1	20	.4
21	BD	-.1	-.2	.1	.1	.2	.5	.8	1.0	.7	.6	.5	.6	.6	.5	.5	.3	.1	.1	.0	.1	.5	.7	1.2	23	1.2
22	BD	2.2	2.1	1.6	1.3	1.0	.7	.9	.9	.7	.6	.8	.8	.6	.7	.8	.4	.3	.2	.3	.2	.4	.3	.3	23	2.2
23	BD	.8	.7	.6	.7	.4	.3	.6	1.1	1.3	1.7	1.6	1.4	1.2	1.2	1.1	.8	1.0	.6	.5	.6	.3	.4	.3	23	1.7
24	BD	.1	.1	.1	.1	.1	.2	.0	.0	.1	.8	.4	.0	.0	-.1	-.2	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	23	.8
25	BD	-.1	-.2	-.3	-.1	-.2	-.1	-.1	-.1	-.1	.0	.2	.1	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1	.3	23	.3
26	BD	.3	.1	.1	.0	.1	.0	.3	.6	1.1	1.3	1.2	1.2	.8	.7	.5	.3	.2	.3	.2	.2	.4	.2	.1	23	1.3
27	BD	.2	.2	.2	.2	.4	.4	.7	.7	.6	.6	.5	.5	.5	.5	.5	.7	.5	.4	.4	.3	.2	.2	.3	23	.7
28	BD	.4	.3	.2	.3	.4	.3	.6	.6	.4	.3	.2	.2	.1	.1	.2	.3	.3	.3	.4	.6	.4	.4	.3	23	.6
29	BD	.2	.1	.1	.1	.3	.2	.3	.8	.3	.3	.2	.1	.1	.2	.4	.8	.6	.3	.3	.2	.3	.4	.2	23	.8
30	BD	.0	.0	.0	.0	.0	.0	.3	.8	.7	.8	.6	.5	.4	.3	.2	.1	.0	.0	.0	.2	.2	.2	.3	23	.8
31	BD	.4	.3	.4	.4	.1	.0	-.1	-.1	.1	.0	.0	.0	-.1	-.1	-.2	-.1	.0	-.1	-.1	-.2	-.1	-.2	-.3	23	.4
NO.:	10	19	29	29	27	27	27	27	26	24	27	27	28	28	29	29	30	30	30	30	30	30	30	30		
MAX:	.7	2.2	2.1	2.6	1.7	1.1	2.7	2.0	1.6	1.3	2.2	2.4	1.8	1.2	4.3	1.1	.8	1.0	1.3	1.7	.9	1.0	.7	1.2		
AVG:	.08	.27	.16	.25	.20	.16	.26	.40	.50	.51	.57	.51	.36	.26	.38	.22	.17	.17	.16	.17	.15	.14	.13	.13		

MONTHLY OBSERVATIONS: 653 MONTHLY MEAN: .26 MONTHLY MAX: 4.3

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

(42401) Sulfur dioxide

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

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

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

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

REPORT FOR: APRIL 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BD	-.2	-.2	-.3	-.3	-.2	-.2	-.1	.0	.0	-.1	-.1	-.2	.4	.0	.0	-.1	-.1	.0	.0	.0	.0	.3	.9	23	.9
2	BD	.4	.1	.0	.0	.0	.0	.1	.4	2.0	.7	.6	.6	.7	.7	.7	.6	.5	.6	.4	.3	.3	.1	.1	23	2.0
3	BD	.5	.3	.2	.0	.1	.3	.4	.6	BC	BC	.8	1.1	1.4	.7	.5	.6	.6	.4	.3	.2	.3	.2	.1	21	1.4
4	BD	.7	.5	.5	.5	.7	.9	1.1	1.2	1.2	1.5	1.0	.7	.3	.2	.1	.1	.0	-.1	.0	-.1	-.2	-.2	-.1	23	1.5
5	BD	-.1	-.2	-.1	.0	.0	.0	.0	.0	.1	.1	2.3	2.4	1.8	1.5	.0	.0	.1	.2	.1	.0	.0	.0	-.1	23	2.4
6	BD	1.4	1.3	.4	.2	.1	.2	.5	.9	.8	.6	.5	.5	.4	.5	.5	.4	.4	.3	.3	.3	.1	.0	.0	23	1.4
7	BD	.0	-.1	-.2	-.2	-.2	-.1	.0	.0	.0	.0	.2	.3	.3	.4	.3	.3	.3	.2	.2	.1	.0	.0	.0	23	.4
8	BD	-.1	-.1	-.2	-.2	-.2	.0	.0	.0	.0	.0	.0	.1	.1	.0	-.1	-.2	-.1	-.1	.0	-.1	.0	-.1	-.1	23	.1
9	BD	.0	-.1	-.1	-.2	-.2	.0	.1	.0	.0	.0	.0	-.1	-.1	.0	.0	-.1	.0	-.1	-.1	-.1	-.2	-.1	-.2	23	.1
10	BD	-.2	-.1	-.2	-.2	-.2	-.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	-.2	-.2	-.1	-.1	.0	23	.1
11	BD	.0	.0	-.1	-.2	-.2	-.2	-.1	-.2	-.2	-.3	-.3	-.2	-.3	-.2	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.4	-.3	23	0.0
12	BD	-.3	-.4	-.4	-.5	-.5	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.3	-.4	-.4	-.3	-.2	-.1	23	-.1
13	BD	-.1	.0	.0	.0	.0	-.2	.1	.9	.0	.0	-.1	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.2	-.1	-.2	-.2	-.2	23	.9
14	BD	-.2	-.3	-.3	-.3	-.4	-.3	-.2	.0	-.1	-.2	-.2	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	23	0.0
15	BD	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.3	-.3	-.4	-.3	-.2	-.3	-.3	-.3	-.3	-.2	-.3	23	-.2
16	BD	-.3	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.3	-.2	-.3	-.3	-.3	-.2	-.3	-.3	-.3	23	-.2
17	BD	.0	.2	-.1	-.3	-.3	-.3	-.2	BA	BA	.0	-.2	-.2	-.2	-.3	-.2	-.3	-.3	-.3	-.3	-.4	-.3	-.3	-.2	21	.2
18	BD	-.3	-.3	-.4	-.4	-.3	-.4	-.2	-.3	-.3	-.1	.0	.0	-.1	-.3	-.4	-.4	-.4	-.4	-.1	-.1	.0	.0	-.3	23	0.0
19	BD	-.1	-.4	-.5	-.5	-.5	-.5	-.4	-.4	-.4	-.4	-.3	-.4	-.3	-.2	-.3	-.3	-.5	-.5	-.6	-.4	-.4	-.5	-.4	23	-.1
20	BD	-.4	-.4	-.4	-.4	-.5	-.4	-.3	-.2	-.2	-.2	-.3	-.3	-.1	-.1	.0	.0	.0	.1	.0	.2	.1	-.3	-.2	23	.2
21	BD	-.2	-.3	-.3	.0	.0	.2	.4	.7	.7	.6	.6	.6	.5	.2	.0	.0	.0	-.1	.0	.0	.0	.0	.0	23	.7
22	BD	.0	.0	.0	-.2	-.1	-.1	-.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.2	-.1	-.3	-.1	23	0.0
23	BD	-.2	-.2	-.2	-.3	-.2	-.3	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.3	-.3	-.2	-.3	-.3	-.2	23	-.1
24	BD	-.3	-.3	-.3	-.3	-.3	-.2	-.1	.0	.0	-.1	-.1	.0	.2	.3	-.1	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.2	23	.3
25	BD	-.2	-.3	-.2	-.2	-.2	1.6	3.0	-.1	-.2	-.2	.0	-.1	-.1	-.1	-.2	-.2	-.1	.3	.0	.0	-.1	-.3	-.2	23	3.0
26	BD	-.3	-.3	-.3	-.3	-.2	-.2	.0	.1	.3	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	23	.3
27	BD	.0	.1	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	23	.1
28	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	23	.1
29	BD	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.3	-.2	-.2	-.3	-.2	-.3	-.2	-.3	-.3	-.3	.0	-.1	-.2	-.3	23	0.0
30	BD	-.3	-.3	-.4	-.3	-.2	-.3	-.2	-.3	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	23	-.2
31																									0	
NO.:		30	30	30	30	30	30	30	29	28	29	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:		1.4	1.3	.5	.5	.7	1.6	3.0	1.2	2.0	1.5	2.3	2.4	1.8	1.5	.7	.6	.6	.6	.4	.3	.3	.3	.9		
AVG:		-.05	-.09	-.16	-.19	-.17	-.07	.08	.06	.07	.01	.09	.08	.09	.04	-.07	-.07	-.08	-.08	-.11	-.10	-.11	-.15	-.12		

MONTHLY OBSERVATIONS: 686 MONTHLY MEAN: -.05 MONTHLY MAX: 3.0

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

(42401) Sulfur dioxide

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

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

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

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

REPORT FOR: MAY 2013

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	BF	-.3	-.4	-.3	-.3	-.3	-.3	-.4	BA	BA	-.3	-.3	-.3	-.4	-.3	-.4	-.3	-.3	-.4	-.3	-.3	-.3	-.3	20	-.3
2	BF	BF	-.3	-.2	-.2	-.2	-.3	-.4	-.3	-.4	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.3	-.3	22	-.2
3	BF	BF	-.3	-.2	-.3	-.3	AZ	AZ	AZ	AZ	-.3	-.1	-.2	-.3	-.3	-.1	-.1	-.2	-.1	-.2	-.1	-.1	-.2	-.2	18	-.1
4	BF	BF	-.3	-.2	-.3	-.3	-.3	-.4	-.3	-.3	-.2	-.2	-.3	-.2	-.2	-.2	-.4	-.3	-.3	-.3	-.3	-.2	-.3	-.1	22	-.1
5	BF	BF	-.2	-.3	-.2	-.4	-.4	-.3	-.3	-.2	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.1	-.2	-.3	-.3	-.3	22	-.1
6	BF	BF	-.3	-.4	-.3	-.4	-.4	-.4	-.3	-.4	-.3	-.4	-.4	-.3	-.3	-.3	-.4	-.3	-.4	-.3	-.4	-.3	-.3	-.4	22	-.3
7	BF	BF	-.4	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.3	-.4	-.4	-.4	-.2	-.3	-.3	-.4	-.4	-.4	22	-.2
8	BF	BF	-.4	-.4	-.4	-.4	-.4	-.3	-.2	-.2	-.3	-.2	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.5	-.4	-.4	-.4	22	-.2
9	BF	BF	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.2	-.1	.0	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.3	-.3	22	0.0
10	BF	BF	-.4	-.3	-.3	-.3	-.2	-.2	.2	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.1	.3	.1	.0	.0	-.1	-.2	22	.3
11	BF	BF	-.1	-.1	-.3	-.1	-.2	.0	.0	-.1	-.2	-.3	-.2	-.2	-.3	-.4	-.4	-.3	-.3	-.4	-.4	-.4	-.4	-.4	22	0.0
12	BF	BF	-.4	-.5	-.4	-.4	-.3	-.3	-.2	-.2	-.3	-.3	-.3	-.3	-.4	-.3	-.2	-.4	-.3	-.3	-.2	.0	.1	.1	22	.1
13	BF	BF	-.1	-.2	-.3	-.3	.5	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	22	.5
14	BF	BF	-.2	-.3	-.2	-.1	-.1	-.1	.0	.0	.0	.2	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	22	.2
15	BF	BF	.1	.2	.1	.2	.4	.4	BA	BA	BA	.2	.2	.2	.2	.0	.3	.3	.2	.1	.1	.1	.1	.0	19	.4
16	BF	BF	-.2	-.3	-.3	-.3	-.1	.0	.0	.0	.4	.1	.0	-.1	-.1	.0	.0	-.1	-.1	-.1	.0	-.1	-.1	-.1	22	.4
17	BF	BF	-.3	-.4	-.3	-.3	-.2	.0	2.5	.2	.6	.2	.0	.0	.0	.0	.0	-.1	-.2	-.2	-.2	-.1	-.2	-.3	22	2.5
18	BF	BF	-.1	-.3	-.1	.0	-.1	-.2	-.1	-.2	-.2	-.4	-.4	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.4	-.4	22	0.0
19	BF	BF	-.3	-.4	-.4	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.3	-.5	-.4	22	-.3
20	BF	BF	-.4	-.4	-.4	-.5	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.5	-.4	-.4	-.4	-.4	-.4	-.5	-.4	22	-.4
21	BF	BF	-.3	-.5	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.5	-.5	-.6	-.4	22	-.3
22	BF	BF	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.5	22	-.3
23	BF	BF	-.4	-.5	-.4	-.4	-.5	-.5	-.4	-.5	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.4	-.5	-.5	-.4	-.4	-.5	-.5	22	-.4
24	BF	BF	-.5	-.3	-.4	-.4	-.3	-.3	-.4	-.2	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.3	-.4	-.3	22	-.2
25	BF	BF	-.4	-.4	-.3	-.3	.0	.0	.1	.2	.0	-.2	.0	.0	.0	.0	-.1	-.2	-.3	-.2	-.2	-.3	-.3	-.3	22	.2
26	BF	BF	-.1	-.2	-.3	-.3	.0	.0	.3	1.5	.4	.2	.0	.0	.0	.1	.1	.1	.0	.0	.0	-.2	-.1	-.1	22	1.5
27	BF	BF	-.1	-.3	-.2	-.2	-.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	.0	22	0.0
28	BF	BF	-.1	-.2	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.3	22	0.0
29	BF	BF	-.2	-.3	-.2	-.3	-.1	.0	BA	BA	.0	.0	-.1	-.1	-.1	-.2	-.1	-.2	.0	-.2	-.1	-.2	-.2	-.2	20	0.0
30	BF	BF	-.2	-.3	.0	AV	-.1	.0	.0	-.1	-.2	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.2	-.2	-.2	-.2	21	0.0
31	BF	BF	-.2	-.2	-.3	-.3	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.9	4.5	1.4	.0	-.3	-.3	22	4.5
NO.:			31	31	31	30	30	30	28	27	29	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:			.1	.2	.1	.2	.5	.4	2.5	1.5	.6	.2	.2	.2	.2	.1	.3	.3	.9	4.5	1.4	.3	.1	.1		
AVG:			-.26	-.30	-.28	-.29	-.21	-.17	-.08	-.11	-.15	-.17	-.22	-.20	-.22	-.22	-.21	-.22	-.18	-.07	-.18	-.21	-.26	-.25		

MONTHLY OBSERVATIONS: 670 MONTHLY MEAN: -.20 MONTHLY MAX: 4.5

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

(42401) Sulfur dioxide

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

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

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

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

REPORT FOR: JUNE 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	.1	-.2	-.2	-.3	.0	.0	-.1	-.2	-.1	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.3	-.3	-.3	23	.1
2	BF	-.1	-.3	-.3	-.1	-.3	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.4	-.4	-.3	-.4	23	-.1
3	BF	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.4	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.4	-.4	23	-.2
4	BF	.0	-.1	-.2	-.2	-.2	-.3	-.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.2	-.1	-.2	-.2	-.2	23	0.0
5	BF	.3	.0	-.1	-.2	-.2	-.3	-.1	.0	.1	.0	.0	.0	.0	.0	.2	.0	.0	-.1	.0	.0	-.1	-.1	-.1	23	.3
6	BF	.4	.0	-.1	-.2	-.1	-.1	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.4	-.3	-.3	-.3	-.2	23	.4
7	BF	1.0	.0	-.1	-.2	-.3	-.2	-.2	BA	BA	BA	BA	BA	BA	2.4	.4	.0	-.1	-.1	-.1	-.1	-.1	-.2	-.2	17	2.4
8	BF	1.1	.1	.0	-.1	-.1	-.2	-.1	-.2	-.2	-.2	-.2	-.3	-.3	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	23	1.1
9	BF	1.2	.6	.3	.2	.2	.0	.0	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.2	.1	.0	.0	-.1	-.1	-.3	-.2	-.2	23	1.2
10	BF	.2	-.1	-.1	-.2	-.2	-.2	-.2	BC	BC	BC	BC	BC	BC	1.1	.4	.2	.0	.0	-.1	.0	.0	-.1	.0	17	1.1
11	BF	4.4	1.0	.5	.3	.1	.0	BA	BA	BA	BA	BA	BA	BA	BA	BA	.7	.5	.5	.3	.2	.1	.1	.1	14	4.4
12	BF	1.9	.5	.3	.1	.1	.1	BC	BC	BC	BC	BC	BC	1.4	.7	.4	.3	.1	.0	.0	.0	-.1	.0	-.1	17	1.9
13	BF	.2	.0	-.1	-.2	-.1	.0	-.1	.0	-.2	-.1	-.1	.0	.1	.0	.1	.0	.0	-.1	.0	.0	.0	-.1	.0	23	.2
14	BF	2.1	.3	.1	.0	.0	.1	.3	.2	.4	1.2	.8	1.6	1.5	1.1	.3	.3	.5	.0	.1	.0	.0	.0	.0	23	2.1
15	BF	1.4	.2	.0	.0	.1	.1	.4	.3	.1	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.4
16	BF	1.2	.4	.3	.2	.2	.3	.2	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	23	1.2
17	BF	1.3	.3	.2	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	1.3
18	BF	1.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	.0	.0	.0	.0	.0	23	1.2
19	BF	1.4	.1	.1	.1	.0	.0	.2	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.4
20	BF	.9	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.2	.1	.0	.0	.0	.0	.0	23	.9
21	BF	.7	.2	.0	.1	.1	.4	.6	.5	.3	.3	.2	.1	.0	.0	.1	.1	.2	.0	.1	.0	.0	.0	.0	23	.7
22	BF	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	-.1	23	.7
23	BF	.7	.0	-.1	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.7
24	BF	1.1	.1	.1	.0	.0	.0	.0	.0	BA	BA	.2	.0	-.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	21	1.1
25	BF	1.1	.2	.1	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.1
26	BF	1.1	.1	.1	.0	.0	.1	.2	-.1	BA	BA	BA	BA	.4	.2	.1	.1	.1	.0	-.1	.0	.0	-.1	.0	19	1.1
27	BF	.6	.0	.0	-.1	.0	.0	.0	.0	.0	-.1	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	23	.6
28	BF	.6	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	.0	-.1	23	.6
29	BF	.7	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	23	.7
30	BF	.6	.0	.0	.0	-.1	-.1	.0	.0	-.1	-.1	.0	.0	.0	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	23	.6
31																									0	
NO.:		30	30	30	30	30	30	28	26	24	24	25	25	27	29	29	30	30	30	30	30	30	30	30		
MAX:		4.4	1.0	.5	.3	.2	.4	.6	.5	.4	1.2	.8	1.6	1.5	2.4	.4	.7	.5	.5	.3	.2	.1	.1	.1		
AVG:		.93	.11	.02	-.03	-.04	-.02	.01	-.01	0.00	0.00	-.01	.02	.09	.16	.03	.03	.01	-.04	-.05	-.05	-.07	-.08	-.09		

MONTHLY OBSERVATIONS: 657 MONTHLY MEAN: .04 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: 36.032944
LONGITUDE: -78.905417
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 118
PROBE HEIGHT: 3

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

REPORT FOR: JULY 2013

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	.0	.0	.0	-.1	.0	-.1	-.1	-.1	.0	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	23	.6
2	BF	.6	.0	.0	-.1	-.1	-.1	.0	.0	.0	.0	.0	-.1	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	23	.6
3	BF	.5	.0	-.1	.0	.0	.0	-.2	-1.2	-.2	-.1	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	23	.5
4	BF	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.2	.2	.2	.1	.0	.2	.4	.6	.2	23	.7
5	BF	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	23	.7
6	BF	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.8
7	BF	.7	.1	.1	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	-.1	.0	23	.7
8	BF	.7	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.7
9	BF	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	23	.6
10	BF	.7	.1	.0	.0	.0	.0	.0	-.1	BA	BA	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	.7
11	BF	.6	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	23	.6
12	BF	.8	.0	.0	.0	.0	.0	.0	.2	.9	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.9
13	BF	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	23	.7
14	BF	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.8
15	BF	.8	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	23	.8
16	BF	.8	.1	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.2	.5	.2	.0	.0	.0	-.2	-.1	-.1	23	.8
17	BF	.4	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	.0	.3	.3	.3	.2	.1	.1	.0	.0	.0	.0	-.1	.0	23	.4
18	BF	.9	.4	.4	.2	.2	.1	.1	.0	.2	.5	.7	.7	.3	.2	.3	.2	.0	.0	.0	.0	.0	.0	.1	23	.9
19	BF	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
20	BF	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	23	1.0
21	BF	1.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	23	1.1
22	BF	1.1	.1	.1	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	23	1.1
23	BF	1.1	.1	.1	.1	.2	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	1.1
24	BF	1.1	.2	.0	.0	.0	.0	.1	.1	BA	1.0	.2	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	22	1.1
25	BF	.5	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	-.1	23	.5
26	BF	.6	.0	.0	.0	-.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	23	.6
27	BF	.5	.1	.0	.0	.0	.0	.0	.0	.1	.2	.0	.1	.1	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	23	.5
28	BF	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.6
29	BF	.7	.0	.0	.0	.0	.0	1.0	2.0	1.2	.9	1.1	1.1	1.0	.6	1.5	.7	.1	.1	.1	.1	.0	.0	.0	23	2.0
30	BF	.6	.0	.0	.0	.0	.5	1.8	.6	.3	.1	.2	.2	.1	.1	.2	.2	.1	.1	.1	.0	.1	.1	.1	23	1.8
31	BF	.9	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.9
NO.:		31	31	31	31	31	31	31	31	29	30	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		1.1	.4	.4	.2	.2	.5	1.8	2.0	1.2	1.0	1.1	1.1	1.0	.6	1.5	.7	.2	.1	.1	.2	.4	.6	.2		
AVG:		.75	.07	.02	.02	.01	.02	.10	.06	.09	.11	.08	.09	.07	.04	.08	.05	.02	0.00	.01	0.00	0.00	.01	0.00		

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: .07 MONTHLY MAX: 2.0

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

(42401) Sulfur dioxide

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

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

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

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

REPORT FOR: AUGUST 2013

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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.6
2	BF	.7	.0	.0	.0	.0	.0	.1	1.3	1.8	.9	.6	.5	.5	.4	.2	.2	.3	.1	.0	.0	.1	.0	.0	23	1.8
3	BF	.7	.1	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	-.1	.0	-.1	.0	-.1	-.1	.0	.1	.0	23	.7
4	BF	.9	.2	.1	.0	.2	.3	.0	-.1	.1	.1	.2	.2	.3	.4	.4	.1	.1	.2	.0	.0	.1	.0	.0	23	.9
5	BF	1.0	.1	.1	.1	.1	.1	.0	.2	.5	.5	.3	.4	.2	.2	.2	.1	.2	.1	.0	.1	.0	.1	.0	23	1.0
6	BF	.8	.2	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.1	.0	.1	.1	.0	.1	.0	.0	.0	23	.8
7	BF	.9	.1	.1	.1	.0	.1	.4	BA	.7	.3	.1	.2	.1	.1	.2	.1	.0	.0	.0	.0	.1	.0	.0	22	.9
8	BF	.8	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.8
9	BF	.6	.2	.1	.1	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	23	.6
10	BF	.9	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.9
11	BF	.9	.1	.1	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	-.1	.0	.0	23	.9
12	BF	1.0	.4	.2	.3	.0	.0	.0	.0	.0	.2	.2	.4	.4	.2	.2	.2	.0	.0	.1	.1	.0	.0	.0	23	1.0
13	BF	.9	.1	.1	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.9
14	BF	1.1	.4	.2	.1	.1	1.1	1.2	.9	.3	.3	.3	.3	.2	.3	.2	.3	.2	.2	.1	.1	.0	.0	.0	23	1.2
15	BF	1.0	.2	.0	.0	.0	.0	.2	.2	.6	1.0	.5	.2	.2	.2	.1	.2	.1	.2	.0	.1	.0	.0	.1	23	1.0
16	BF	.6	.1	.0	.0	.1	.1	.6	.3	.2	.2	.2	.1	.1	.1	.2	.1	.2	.1	.0	.0	.0	.1	.0	23	.6
17	BF	.4	.1	.1	.1	.1	.2	.1	.2	.0	.1	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	-.1	23	.4
18	BF	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	1.0	1.1	1.1	.4	23	1.1
19	BF	.7	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.2	23	.7
20	BF	.6	.1	.0	.0	.0	.1	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.6
21	BF	.7	.1	.0	.1	.1	.0	.1	BA	BA	BA	BA	BA	.1	.0	.1	.1	.1	.0	.1	.1	.0	.0	.0	18	.7
22	BF	.8	.1	.0	.0	.1	.0	.0	.1	.1	.1	.1	.0	.1	.3	.1	.1	.1	.1	.1	.0	.0	.0	.0	23	.8
23	BF	.7	.1	.0	.1	.0	.0	.2	.1	.2	.2	.4	.4	.2	.2	.4	.2	.3	.7	1.4	.3	.1	.2	.1	23	1.4
24	BF	.8	.1	.1	.0	.1	.0	.1	.5	.6	.5	.4	.3	.3	.2	.3	.3	.3	.3	.2	.1	.1	.1	.0	23	.8
25	BF	.4	.0	.1	.1	.1	.0	.2	.9	.3	.3	.1	.3	.4	.2	.2	.1	.1	.1	.1	.0	.1	.1	.0	23	.9
26	BF	.4	.1	.1	.1	.1	.2	.1	.5	.5	.9	1.0	.8	.7	.6	.5	.4	.3	.3	.2	.2	.1	.1	.0	23	1.0
27	BF	.4	.1	.1	.0	.0	.2	.4	.8	.6	.4	.7	.6	.7	.7	.8	.7	.6	.3	.2	.0	.0	.1	.1	23	.8
28	BF	.4	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.2	.1	.0	.1	.1	.1	.1	.2	23	.4
29	BF	.7	.2	.2	.2	.3	.4	.5	.6	.5	.2	.1	.1	.1	.1	.1	.0	.1	.1	.1	.2	.1	.1	.0	23	.7
30	BF	.6	.2	.0	.0	.0	.0	.2	.1	.1	.2	.2	.0	.2	.2	.2	.1	.2	.1	.1	.2	.2	.2	.1	23	.6
31	BF	.5	.1	.0	.0	.0	.1	.1	.1	.1	.1	.2	.1	.0	.1	.1	.1	.1	.1	.2	.1	.1	.1	.0	23	.5
NO.:		31	31	31	31	31	31	31	29	30	30	30	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:		1.1	.4	.2	.3	.3	1.1	1.2	1.3	1.8	1.0	1.0	.8	.7	.7	.8	.7	.6	.7	1.4	1.0	1.1	1.1	.4		
AVG:		.72	.13	.06	.05	.05	.10	.15	.24	.25	.25	.20	.18	.16	.15	.15	.13	.12	.11	.11	.09	.07	.08	.04		

MONTHLY OBSERVATIONS: 707 MONTHLY MEAN: .15 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: 36.032944
LONGITUDE: -78.905417
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 118
PROBE HEIGHT: 3

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

REPORT FOR: SEPTEMBER 2013

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	.1	.0	.0	.0	.0	.1	.1	.1	.5	.2	.1	.3	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	23	.5
2	BF	.5	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	23	.5
3	BF	.6	.0	.1	.0	.0	.0	.0	.0	.2	.1	.1	.1	.1	.1	.2	.8	3.0	2.2	.6	.3	.1	.1	.0	23	3.0
4	BF	1.1	2.7	1.0	1.3	1.3	.7	.3	BA	BA	1.2	.9	.8	.6	.5	.5	.4	.4	.1	.1	.1	.0	.1	.1	21	2.7
5	BF	.5	.1	.1	.0	.0	.0	.3	.4	.4	.4	.3	.3	.3	.3	.3	.3	.4	.4	.2	.2	.1	.1	.0	23	.5
6	BF	1.7	.6	.3	.3	.7	1.0	.9	1.0	.9	.8	.8	.6	.5	.5	.3	.4	.3	.5	.4	.5	.3	.3	.2	23	1.7
7	BF	.3	.1	.1	.1	.1	.1	.1	.2	.2	.2	.3	.5	.2	.2	.1	.1	.1	.2	.1	.2	.1	.2	.1	23	.5
8	BF	.4	.0	.0	.0	.0	.0	.0	.7	1.0	.9	.9	.7	.6	.5	1.9	4.0	4.6	2.4	1.2	.6	.3	.2	.1	23	4.6
9	BF	.5	.1	.1	.1	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	4	.5
10	BF	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
11	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	
12	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	
13	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	
14	AN	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	0	
15	AN	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	0	
16	AN	AE	AE	AE	AE	AE	AE	BC	BC	BC	BC	BC	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	0	
17	AN	BJ	BJ	BJ	BJ	BJ	BJ	BJ	.0	-.2	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.1	-.1	-.3	-.4	-.4	16	0.0
18	BF	-.3	-.4	-.4	-.4	-.4	-.4	-.4	BA	BA	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.5	21	-.3
19	BF	-.4	-.4	-.5	-.4	-.5	-.4	-.3	-.1	-.2	-.3	-.4	-.3	-.2	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	23	-.1
20	BF	-.3	-.4	-.5	-.5	-.3	-.2	-.4	-.4	-.4	-.3	-.4	-.3	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.4	23	-.2
21	BF	-.3	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.3	-.3	-.3	-.3	-.4	-.5	-.5	-.5	-.5	-.5	-.4	-.5	-.5	-.5	-.5	23	-.3
22	BF	-.3	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.4	.3	-.2	-.3	-.2	-.3	-.3	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.5	23	.3
23	BF	-.3	-.4	-.3	-.3	-.2	-.2	-.2	-.2	-.1	-.1	-.2	-.3	-.2	.0	.3	.3	.0	-.3	-.4	-.4	-.4	-.5	-.5	23	.3
24	BF	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.3	-.2	-.2	-.3	-.3	-.3	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	23	-.2
25	BF	-.4	-.5	-.4	-.4	AE	AE	AE	-.4	-.1	-.3	-.2	-.2	-.3	-.3	-.3	.1	.3	.1	-.2	-.3	-.3	-.4	-.4	20	.3
26	BF	-.3	-.4	-.4	-.3	AE	AE	AE	-.2	-.2	-.2	-.1	-.1	-.1	-.1	.0	.8	.8	.5	-.2	-.3	-.4	-.4	-.5	20	.8
27	BF	-.4	-.5	-.4	-.4	-.4	-.5	-.4	-.4	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.4	23	-.3
28	BF	-.3	-.4	-.4	-.5	-.4	-.4	-.3	-.2	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.4	-.4	-.4	-.4	23	-.2
29	BF	-.4	-.4	-.4	-.4	-.5	-.5	-.4	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	23	-.3
30	BF	-.4	-.4	-.4	-.4	-.3	-.3	-.3	.2	.0	-.2	-.4	-.3	-.3	-.4	-.4	-.4	-.3	-.4	-.4	-.3	-.4	-.4	-.4	23	.2
31																									0	
NO.:		22	22	22	22	19	19	19	20	20	22	22	22	22	22	22	22	22	22	22	22	22	22	22		
MAX:		1.7	2.7	1.0	1.3	1.3	1.0	.9	1.0	1.0	1.2	.9	.8	.6	.5	1.9	4.0	4.6	2.4	1.2	.6	.3	.3	.2		
AVG:		.07	-.08	-.16	-.16	-.11	-.12	-.12	-.04	-.01	.05	-.03	-.05	-.08	-.11	-.04	.14	.27	.09	-.10	-.14	-.21	-.22	-.26		

MONTHLY OBSERVATIONS: 493 MONTHLY MEAN: -.06 MONTHLY MAX: 4.6

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

(42401) Sulfur dioxide

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

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

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

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

REPORT FOR: OCTOBER 2013

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	-.4	-.3	-.4	-.4	-.2	.0	.0	-.2	-.3	-.3	-.3	-.2	.0	.0	-.2	-.3	-.4	-.4	-.3	-.4	-.3	23	0.0
2	BF	-.3	-.4	-.5	-.4	-.4	-.3	-.3	BA	BA	-.3	-.3	-.3	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	21	-.3
3	BF	-.3	-.4	-.4	-.4	-.4	-.3	-.1	.1	.0	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.5	-.4	-.4	-.3	-.3	23	.1
4	BF	-.3	-.4	-.5	-.4	-.4	-.4	-.2	.1	.0	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.4	-.4	-.4	-.5	23	.1
5	BF	-.3	-.4	-.4	-.4	-.4	-.4	-.4	.0	-.1	-.2	-.3	-.2	-.2	-.3	-.2	.0	-.1	-.3	-.4	-.4	-.4	-.4	-.4	23	0.0
6	BF	-.3	-.4	-.5	-.4	-.5	-.4	-.4	-.3	-.4	-.4	-.5	-.4	-.4	-.5	-.5	-.4	-.4	-.5	-.5	-.4	-.5	-.5	-.5	23	-.3
7	BF	-.4	-.5	-.5	-.4	-.5	-.5	-.4	-.5	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	.0	.0	-.2	.4	.0	23	.4
8	BF	-.3	-.3	-.2	.0	.0	.0	.0	.0	.1	.6	.6	.4	.3	.2	.1	.0	.0	.0	-.1	-.1	.0	-.1	-.2	23	.6
9	BF	-.1	-.3	-.3	-.3	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.5	-.4	-.4	-.3	-.3	-.4	-.3	-.4	23	-.1
10	BF	-.3	-.4	-.5	-.5	-.3	-.3	-.4	-.3	-.1	-.2	-.3	-.2	-.3	-.4	-.3	-.3	-.2	-.3	-.3	-.4	-.3	-.2	-.3	23	-.1
11	BF	-.3	-.4	-.4	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.3	-.4	-.3	.5	1.2	.8	.5	-.2	.0	-.3	-.4	-.4	-.3	23	1.2
12	BF	-.4	-.4	-.4	-.5	-.5	-.5	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.5	23	-.4
13	BF	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	23	-.5
14	BF	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	23	-.4
15	BF	-.4	-.5	-.5	-.5	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.5	-.4	-.5	-.4	-.4	-.4	-.3	-.4	23	-.3
16	BF	-.4	-.3	-.4	-.3	-.4	-.4	-.5	BA	BA	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	21	-.3
17	BF	-.3	-.4	-.5	-.4	-.4	-.4	-.3	-.2	-.1	-.2	-.2	-.2	-.3	-.3	-.3	-.4	-.3	-.3	-.3	-.4	-.4	-.5	-.5	23	-.1
18	BF	-.4	-.3	-.3	.1	.4	.8	.8	.4	.2	.5	.1	.2	.0	-.1	.0	-.2	-.3	-.4	-.3	-.3	-.3	-.3	-.3	23	.8
19	BF	-.3	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.3	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.3	-.4	-.5	-.5	-.4	-.4	23	-.3
20	BF	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.3	.0	-.1	-.2	-.1	-.1	-.1	-.2	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.3	23	0.0
21	BF	-.4	-.4	-.4	-.3	-.3	-.4	-.3	-.3	-.2	-.1	-.2	-.1	-.3	-.2	-.3	-.3	-.4	-.4	-.3	-.3	-.2	-.3	-.3	23	-.1
22	BF	-.3	-.4	-.4	-.4	-.4	-.4	-.2	-.3	-.1	-.1	-.1	-.1	-.2	-.1	-.2	-.3	-.4	-.4	-.3	-.4	-.4	-.4	-.3	23	-.1
23	BF	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.3	-.2	.5	.5	-.2	-.3	-.2	-.2	-.3	-.4	-.4	-.3	-.1	.0	-.1	-.1	23	.5
24	BF	-.2	-.3	-.4	-.4	-.3	-.3	-.2	-.1	.0	.0	.0	.0	.1	.1	.0	-.1	-.2	-.2	-.2	-.3	-.3	.1	1.1	23	1.1
25	BF	.6	.3	1.7	.2	.8	2.3	2.4	1.1	.7	.2	.2	.1	.0	-.1	-.1	-.2	-.1	-.1	.0	-.2	-.1	-.1	-.3	23	2.4
26	BF	-.3	-.4	-.4	-.3	-.4	-.4	-.3	.6	1.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	23	1.2
27	BF	-.2	-.2	-.2	-.2	-.2	-.3	-.1	.0	.0	.0	.2	.2	.3	.2	.3	.2	.0	-.1	-.2	-.2	-.3	-.3	-.3	23	.3
28	BF	-.3	-.4	-.4	-.3	-.3	-.3	.0	.0	.0	1.6	2.8	.8	1.2	.7	.5	.4	.1	.0	-.1	-.2	-.2	-.3	-.3	23	2.8
29	BF	-.3	-.3	-.3	-.3	-.2	-.3	-.2	.0	.7	.3	1.5	.5	.2	.0	-.1	-.1	-.2	-.2	.0	-.2	-.3	-.3	-.3	23	1.5
30	BF	-.3	-.4	-.4	-.3	-.3	-.3	-.3	BA	BA	.1	.0	.0	.0	.0	-.1	-.1	-.3	-.4	-.3	-.2	-.2	-.3	-.2	21	.1
31	BF	-.4	-.4	-.4	-.4	-.4	-.3	-.2	.0	.1	.3	.6	.3	.0	.0	.2	.2	.0	.1	.0	.0	-.2	-.2	-.2	23	.6
NO.:		31	31	31	31	31	31	31	28	28	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		.6	.3	1.7	.2	.8	2.3	2.4	1.1	1.2	1.6	2.8	.8	1.2	.7	1.2	.8	.5	.1	0.0	0.0	0.0	.4	1.1		
AVG:		-.29	-.36	-.34	-.33	-.30	-.23	-.17	-.11	-.05	-.05	-.01	-.13	-.16	-.17	-.15	-.19	-.25	-.30	-.28	-.31	-.32	-.29	-.28		

MONTHLY OBSERVATIONS: 707 MONTHLY MEAN: -.22 MONTHLY MAX: 2.8

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

(42401) Sulfur dioxide

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

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

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

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

REPORT FOR: NOVEMBER 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	-.2	-.3	-.2	-.3	-.2	-.2	-.1	-.1	-.1	-.2	-.3	-.3	-.3	-.4	-.4	-.3	-.4	-.3	-.4	-.4	-.4	-.4	-.4	23	-.1
2	BF	-.3	-.4	-.4	-.3	-.4	-.3	-.4	-.3	-.3	.0	.0	-.1	-.2	-.1	-.1	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.2	23	0.0
3	BF	-.3	-.3	-.3	-.4	.0	.2	.3	.2	.1	.2	.5	.0	.1	.2	.2	.1	.0	-.1	-.1	-.2	-.2	-.2	-.3	23	.5
4	BF	-.3	-.3	-.3	-.3	-.3	-.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.2	-.2	23	.1
5	BF	-.2	-.1	-.1	-.1	-.1	-.2	-.2	-.1	.0	.0	.0	.0	-.1	.0	.0	.0	-.1	-.1	-.2	-.2	-.2	-.1	-.2	23	0.0
6	BF	-.3	-.3	-.3	-.3	-.3	-.2	.0	.0	AT	AT	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	8	0.0
7	BF	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	-.3	-.1	.0	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	-.3	-.4	-.3	14	0.0
8	BF	-.3	-.3	-.2	-.3	-.2	-.3	-.2	.0	.5	.3	.5	.3	.3	.4	.4	.4	.3	.0	.0	-.1	-.1	-.2	-.3	23	.5
9	BF	-.3	-.3	-.3	-.3	-.3	-.3	-.3	.0	.3	.3	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	-.1	-.2	-.1	23	.3
10	BF	-.2	-.3	-.3	-.3	-.3	-.3	-.3	.0	.9	.6	.4	.1	.1	.0	.0	.0	.0	.2	.2	.0	.6	1.5	.9	23	1.5
11	BF	.0	-.1	.0	-.2	-.2	-.2	-.1	.1	.0	.0	.0	-.1	.0	-.1	-.1	.0	.0	.0	.1	.0	.0	.0	-.2	23	.1
12	BF	-.2	-.3	-.3	-.3	-.3	-.2	-.1	.1	.2	.9	5.0	1.3	.4	.0	.0	-.1	-.2	-.1	-.1	-.2	-.2	-.2	-.2	23	5.0
13	BF	.1	.4	5.2	1.6	.2	.3	1.8	3.9	BA	BA	BA	.5	1.6	2.7	1.2	.3	.1	.1	.1	.0	.1	.1	.1	20	5.2
14	BF	.0	-.1	-.1	-.1	-.1	-.1	.0	.5	.6	.1	.4	.2	.1	.3	.2	.2	.2	.1	.4	.3	.1	.0	.0	23	.6
15	BF	.0	.0	.0	.0	.0	.0	.0	.2	1.3	2.2	.9	.5	.3	.0	.0	.0	.1	.3	.3	.2	.1	.1	.0	23	2.2
16	BF	-.1	-.2	-.2	-.2	-.1	-.1	-.1	.0	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	23	0.0
17	BF	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.2	-.3	-.3	-.3	23	-.2
18	BF	-.2	-.3	-.2	-.3	-.3	-.2	-.3	-.2	-.2	-.1	-.1	-.1	.2	.2	.0	.0	.0	.0	-.1	-.3	-.2	-.1	-.1	23	.2
19	BF	.0	-.1	-.2	-.2	6.4	2.1	1.7	4.8	7.1	1.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	-.1	23	7.1
20	BF	2.1	1.7	1.4	1.5	1.5	1.3	1.1	.9	.6	.4	.3	.2	.2	.1	.1	.1	.1	.1	.0	.0	.1	-.1	.0	23	2.1
21	BF	-.1	-.2	-.1	-.1	.0	.0	.0	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	.0	-.1	-.2	-.2	23	0.0
22	BF	.0	-.1	-.1	-.1	-.2	-.1	-.1	.1	.0	.1	.0	.0	.0	.0	-.2	-.2	-.1	-.1	-.2	-.2	-.1	-.1	-.2	23	.1
23	BF	-.2	-.2	-.2	-.2	-.2	-.2	1.3	2.2	-.1	-.1	-.1	.0	-.1	-.2	-.1	-.1	.0	.3	.5	.0	.1	.1	.8	23	2.2
24	BF	.8	.4	.1	-.1	-.1	.0	.3	6.3	1.2	.9	1.3	.5	.1	.1	.2	.4	.7	.2	.2	.1	.2	.3	.2	23	6.3
25	BF	.0	-.1	-.1	-.1	-.1	.0	.0	.1	.4	1.2	1.7	2.4	2.4	.8	.2	.1	.1	.0	.1	.1	.0	.0	.0	23	2.4
26	BF	.0	.3	.9	.1	.1	.1	.4	.3	.3	.1	.0	.0	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.3	.0	23	.9
27	BF	.0	-.1	.1	-.1	-.2	-.2	-.1	.0	BA	BA	.1	.1	.1	.2	.0	.1	.0	.1	.0	.0	.0	.0	.1	21	.2
28	BF	.0	-.1	-.1	-.1	.0	-.1	.0	.2	.3	.4	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
29	BF	.0	.0	.0	-.1	.0	.0	.0	.0	6.2	1.2	.8	.7	.8	.8	.5	.4	.3	.2	.1	.1	.0	.1	.4	23	6.2
30	BF	.1	.5	.6	.9	.9	1.0	1.0	1.1	1.2	1.2	1.0	.8	.7	.6	.6	.6	.5	.2	.2	.0	.0	.0	.0	23	1.2
31																									0	
NO.:		29	29	29	29	29	29	29	29	26	27	28	29	29	29	29	29	29	29	29	29	29	29	29		
MAX:		2.1	1.7	5.2	1.6	6.4	2.1	1.8	6.3	7.1	2.2	5.0	2.4	2.4	2.7	1.2	.6	.7	.3	.5	.3	.6	1.5	.9		
AVG:		-.01	-.05	.14	-.03	.17	.04	.18	.69	.77	.39	.44	.23	.21	.17	.07	.03	.02	0.00	.01	-.06	-.06	-.04	-.03		

MONTHLY OBSERVATIONS: 661 MONTHLY MEAN: .14 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: 37-063-0015 POC: 1
COUNTY: (063) Durham
CITY: (19000) Durham
SITE ADDRESS: 801 STADIUM DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

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

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

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

REPORT FOR: DECEMBER 2013

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	.4	.8	2.2	3.6	3.2	2.2	1.9	1.3	.9	.7	.4	.2	.1	.1	.0	23	3.6
2	BF	.0	.0	.0	.0	.0	.0	.0	.2	.2	1.5	1.4	.6	.3	.1	.0	.1	.1	.2	.2	.1	.0	.0	.0	23	1.5
3	BF	.0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.1	.1	.1	.3	.3	.2	.1	.0	.1	.2	.2	.1	.1	23	.3
4	BF	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
5	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	23	.3
6	BF	.0	.0	.0	.0	.1	.0	.1	.1	.1	.3	.9	.6	.3	.1	.1	.4	.6	.0	.0	.1	.1	.1	.1	23	.9
7	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2	.5	.9	1.3	1.3	.9	23	1.3
8	BF	.9	.9	1.0	.7	.9	.7	.5	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
9	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
10	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.3	2.1	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	2.1
11	BF	.0	.0	.0	.0	.0	.0	.0	.4	BC	BC	.5	.2	.1	.0	.0	.1	.0	.1	.3	.1	.0	.0	.0	21	.5
12	BF	.0	.0	.0	.3	.6	.6	.7	1.0	1.3	2.1	2.7	3.1	1.5	1.2	1.0	1.1	1.0	.7	.5	.3	.1	.0	.1	23	3.1
13	BF	.1	.1	.0	.0	.0	.0	.1	.4	.5	.6	.7	.5	.7	1.1	.7	.6	.7	.7	.5	.5	.6	.5	.5	23	1.1
14	BF	.3	.2	.2	.1	.2	.1	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	1.4	23	1.4
15	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
16	BF	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.3	.1	.0	.0	23	.3
17	BF	.0	.0	.0	.0	.0	.0	.1	.0	.1	.5	.3	.4	.4	.3	.1	.2	.2	.1	.1	.4	.5	.9	2.4	23	2.4
18	BF	.0	.0	.0	.0	.0	.0	.1	.3	BC	BC	.4	.3	.2	.1	.2	.1	.0	.2	.2	.4	.3	.2	.1	21	.4
19	BF	.2	.1	.0	.0	.0	.1	.2	.3	.6	.9	.5	.2	.1	.1	.0	.0	.1	.0	.7	1.5	1.2	.9	1.0	23	1.5
20	BF	.6	.3	.0	.0	.0	.0	.4	.6	2.0	5.9	5.5	2.6	1.0	1.5	1.0	.5	.4	.4	.5	.5	.5	.2	.0	23	5.9
21	BF	.0	.0	.0	.0	.0	.0	.0	.0	.6	2.3	1.2	.8	.8	.6	.3	.4	.2	.1	.0	.0	.0	.0	.0	23	2.3
22	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
23	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.9	.8	.0	.0	.0	23	.9
24	BF	.2	.2	.2	.0	.1	.3	.5	.1	.6	.5	.3	.1	.3	.2	.0	.0	.0	.0	.0	.1	1.6	2.5	1.7	23	2.5
25	BF	1.9	1.2	2.1	2.1	1.2	.5	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	2.1
26	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.2	.1	.0	.0	.0	.0	23	.2
27	BF	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.3	.2	.1	.1	.1	.1	.0	.3	.2	.1	.1	.1	.1	23	.4
28	BF	.0	.0	.0	.0	.0	.1	.1	.0	.1	.3	.5	1.9	2.3	1.0	.6	.2	.1	.2	.3	.4	.2	.2	.1	23	2.3
29	BF	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.7
30	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.9	3.0	.6	.2	.6	1.0	23	3.0
31	BF	.5	.5	1.8	.4	.0	.0	.0	.0	BC	.5	.3	.3	.0	.0	.0	.0	.0	.2	.1	.0	.2	.2	.1	22	1.8
NO.:		31	31	31	31	31	31	31	31	28	29	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		1.9	1.2	2.1	2.1	1.2	.7	.7	1.0	2.0	5.9	5.5	3.6	3.2	2.2	1.9	1.3	1.0	.9	3.0	1.5	1.6	2.5	2.4		
AVG:		.18	.11	.17	.12	.10	.08	.10	.14	.27	.60	.59	.53	.45	.35	.22	.19	.15	.18	.28	.24	.24	.27	.31		

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: .25 MONTHLY MAX: 5.9

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

(42401) Sulfur dioxide

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

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

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

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JANUARY 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.9	.9	.9	.8	.7	.7	.6	.7	.7	.5	.4	.6	.4	.4	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	24	.9
2	.2	.2	.2	.1	.2	.2	.2	.2	.4	.6	.5	.4	.4	.4	.5	.5	.6	.5	.6	.6	.4	.6	.5	.4	24	.6
3	.3	.3	.3	.3	.4	.5	.8	1.3	1.2	1.4	2.9	6.6	7.9	6.4	2.1	1.5	1.4	1.2	1.1	1.2	.7	.8	.7	.6	24	7.9
4	.3	.2	.3	.8	.3	.3	.5	.8	1.0	1.3	1.5	1.3	1.1	BF	1.0	1.2	1.2	1.1	.9	.9	.8	.8	.9	.7	23	1.5
5	.7	.7	.6	.6	.6	.5	.4	.5	.7	.9	.8	.8	.8	.7	.7	.8	.7	.7	.7	.9	1.0	1.1	1.4	1.2	24	1.4
6	.9	.7	.6	.6	.5	.4	.4	.4	.5	.6	.6	.6	.5	.5	.7	.8	.5	.4	.7	.2	.2	.3	.3	.3	24	.9
7	.3	.3	.3	.2	.2	.3	.4	.6	.5	.4	.5	.6	1.0	1.6	.8	.7	.7	.7	.7	.9	.6	.6	.6	.4	24	1.6
8	.4	.5	.4	.4	.3	.5	.9	.7	.7	.9	1.8	2.0	1.3	1.9	2.7	1.1	2.1	3.5	1.3	1.1	1.2	1.2	.9	.9	24	3.5
9	1.0	.7	.7	.6	.4	.4	.6	.7	1.4	2.6	4.5	2.0	.8	.6	.9	1.8	1.6	.7	.9	1.0	.9	.9	.8	.8	24	4.5
10	.6	.7	.6	.5	.6	.7	.8	.5	.4	1.0	4.0	.8	.9	.9	.7	.5	.6	.6	.6	.7	.7	.7	.7	.6	24	4.0
11	.6	.6	.4	.3	.2	.2	.2	.2	.2	.2	BA	.8	.3	.2	.2	.3	.2	.2	.2	.2	.2	.2	.3	.2	23	.8
12	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.3	.3	.3	.3	.4	.6	.8	.7	.4	.6	.7	.4	.5	.3	24	.8
13	.4	.3	.3	.3	.2	.2	.1	.1	.1	.2	.4	.6	.7	.5	.2	.2	.2	.3	.3	.4	.5	.3	.2	.3	24	.7
14	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.2	.2	.2	.2	.3	.2	.2	.1	.1	.6	.5	.3	24	.6
15	.3	.3	.1	.1	.1	.1	.1	.1	.1	.2	.1	BC	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
16	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.1	.1	.1	.1	.1	.0	24	.2
17	.0	.0	.0	.0	.1	.2	.4	.3	1.0	.8	.1	.2	.0	.3	.4	.0	.0	.0	.0	.0	.0	.1	.0	.0	24	1.0
18	.0	.0	.0	.0	.1	.1	.2	.3	.3	.3	.6	.6	.4	.3	.2	.2	.2	.2	.3	.1	.1	.2	.1	.1	24	.6
19	.2	.1	.1	.1	.2	.4	.3	.3	.3	.3	.6	.4	.4	.4	1.0	.5	.4	.4	.5	.6	.7	.6	.5	.4	24	1.0
20	.4	.4	.3	.3	.2	.2	.1	.1	.2	.3	.4	.6	.5	.4	.4	.3	.3	.2	.3	.3	.4	.5	.5	.4	24	.6
21	.3	.2	.3	.3	.1	.2	.2	.2	.3	1.4	.8	1.5	3.4	1.2	.8	.9	.2	.2	.3	.4	.3	.3	.3	.3	24	3.4
22	.3	.3	.3	.3	.4	.5	.5	.5	.4	.5	.5	.4	.3	.3	.3	.5	.5	.9	.7	.4	.4	.7	1.0	1.2	24	1.2
23	1.1	.7	.5	.4	.4	.3	.3	.4	.8	1.0	1.0	3.5	.9	.5	.5	.7	2.0	1.7	1.9	2.3	1.6	2.3	4.0	3.9	24	4.0
24	3.4	2.1	1.3	.8	.8	.5	.5	.8	1.5	2.0	2.8	2.7	2.2	1.2	.8	.9	1.1	1.3	1.5	1.6	1.7	1.8	1.7	2.1	24	3.4
25	1.9	1.3	1.4	1.1	1.0	1.0	1.4	1.4	1.6	1.8	1.6	1.4	1.4	1.0	1.7	.7	.7	1.0	.8	1.0	1.1	.9	1.0	.7	24	1.9
26	.5	.3	.2	.1	.1	.1	.1	.1	.2	.2	.1	.2	.2	.3	.3	.3	.2	.2	.2	.3	.3	.2	.4	.4	24	.5
27	.7	1.5	1.3	1.2	.9	.8	1.0	1.1	1.3	1.5	1.3	1.3	1.1	1.2	1.3	1.1	1.0	1.1	1.1	1.3	1.2	1.1	.9	.9	24	1.5
28	1.1	.8	.7	1.8	2.3	1.5	1.8	1.1	.7	.7	.8	.8	1.4	1.7	1.1	.9	.7	.7	.7	.9	.7	.4	.4	.4	24	2.3
29	.3	.1	.1	.0	.0	.0	.0	.0	.0	.1	.2	.4	.3	.4	.6	.5	.3	.7	1.3	3.2	3.0	3.9	3.2	1.1	24	3.9
30	.9	.6	.5	.4	.3	.2	.2	.2	.2	.1	.0	.1	BF	.2	.2	.4	.3	.1	.1	.1	.0	.0	.0	.0	23	.9
31	.0	.0	.0	.0	.0	.0	.0	.1	.3	.2	.0	.9	.5	.0	.0	.0	.0	.0	3.4	.1	.0	.1	.1	.0	24	3.4
NO.:	31	31	31	31	31	31	31	31	31	31	30	30	30	30	31	31	31	31	31	31	31	31	31	31		
MAX:	3.4	2.1	1.4	1.8	2.3	1.5	1.8	1.4	1.6	2.6	4.5	6.6	7.9	6.4	2.7	1.8	2.1	3.5	3.4	3.2	3.0	3.9	4.0	3.9		
AVG:	.59	.49	.42	.41	.38	.37	.43	.45	.56	.72	.98	1.09	.99	.80	.68	.60	.62	.64	.71	.70	.64	.71	.73	.62		

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: .64 MONTHLY MAX: 7.9

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

(42401) Sulfur dioxide

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

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

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

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: FEBRUARY 2013

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	.2	.6	.3	.1	.2	.2	.4	.2	.3	.2	.2	.2	.1	.2	.2	.2	.1	.2	.2	.2	.3	.3	.4	.3	24	.6
2	.3	.2	.2	.3	.2	.2	.1	.2	.8	.5	.7	1.2	2.3	.5	.4	.3	.4	.4	.4	.5	.5	.5	.3	.1	24	2.3
3	.0	.0	.1	.0	.0	.0	.0	.0	.0	.5	.6	.5	.5	.4	.1	.1	.3	.4	.3	.4	.5	.5	.5	.3	24	.6
4	.2	.2	.2	.1	.1	.2	.2	.2	.3	.3	.2	1.3	.9	.3	.7	.7	1.3	1.0	.9	.9	1.2	1.2	1.8	1.2	24	1.8
5	.8	.7	.5	.4	.3	.3	.3	.3	.4	.3	.5	1.3	1.5	.7	.5	.7	.2	.1	.1	.2	.2	.2	.3	.4	24	1.5
6	.4	.2	.2	.3	.3	.2	.2	.2	.6	.7	.6	.6	.6	BF	.5	.4	.4	.4	.5	.5	.5	.5	.6	.7	23	.7
7	.8	1.1	1.5	1.5	1.8	1.3	1.9	2.3	2.0	1.7	1.6	1.7	1.7	1.4	.9	.5	.3	.2	.3	.7	.8	1.0	1.2	.7	24	2.3
8	.6	.4	.4	.3	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3	.6	.7	.6	.8	.8	24	.8
9	.7	.6	.6	.4	.4	.4	.3	.3	.4	.3	.2	.1	.1	.2	.1	.1	.1	.2	.2	.3	.3	.3	.4	.4	24	.7
10	.5	.4	.4	.5	.5	.6	.6	.5	.6	.5	.5	.5	.5	.5	.4	.3	.4	.4	.3	.4	.4	.2	.2	.2	24	.6
11	.2	.1	.1	.1	.1	.1	.1	.1	.1	1.6	.6	1.7	.5	.4	.5	.3	.1	.1	.1	.1	.3	.3	.2	.0	24	1.7
12	.0	.0	.0	.1	.2	.2	.2	.3	.4	.4	.4	.3	.3	.6	.4	1.1	.2	.3	.7	.4	.4	.5	.3	.2	24	1.1
13	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.3	.6	.1	.1	.3	.5	.5	24	.6
14	.3	.1	.0	.0	.0	.0	.0	.2	.4	.2	.1	.2	.5	.2	.1	.1	.3	.5	.4	.6	1.0	1.2	1.0	1.3	24	1.3
15	1.2	.8	.3	.2	.1	.3	.4	.4	.5	.3	.2	1.0	.8	.4	.4	.3	.3	.2	.2	.3	.3	.3	.2	.1	24	1.2
16	.1	.1	.1	.1	.1	.1	.1	.1	.1	.4	2.6	.8	.7	.7	.9	.7	.7	.5	.2	.1	.1	.2	.3	.3	24	2.6
17	.4	.3	.2	.1	.3	.3	.5	.6	.8	.9	.7	.4	.4	.4	.3	.4	.4	.3	.3	.3	.3	.4	.8	.4	24	.9
18	.4	.4	.3	.4	.3	.3	.5	.5	1.2	1.8	1.6	2.8	1.8	.8	1.4	1.0	.8	.6	.8	.5	.4	.5	.9	.8	24	2.8
19	.9	1.0	1.3	1.3	1.4	2.0	2.3	2.1	.9	.5	.2	.2	.2	.1	.2	.2	.3	.4	.2	.2	.1	.1	.2	.1	24	2.3
20	.0	.0	.1	.1	.2	.2	.3	.4	.8	1.0	.6	.4	.3	.6	.3	.3	.4	.4	.4	.4	.3	.3	.3	.3	24	1.0
21	.4	.3	.3	.3	.2	.2	.4	.5	.5	.4	.4	.3	.2	.2	.2	.2	.2	.3	.3	.7	.5	.4	.7	.9	24	.9
22	.9	.3	.1	.1	.1	.1	.1	.1	.1	.3	.4	.4	.4	.3	.2	.1	.1	.1	.0	.0	.0	.0	.1	.0	24	.9
23	.0	.1	.9	1.3	.9	.7	.4	.2	.2	.2	.3	.6	.7	.4	.4	.8	.4	.3	.2	.1	.1	.2	.1	.1	24	1.3
24	.1	.0	.0	.0	.0	.0	.0	.0	.1	.3	.2	.3	.3	.4	.3	.3	.3	.4	.7	.9	.8	.6	.8	.7	24	.9
25	.6	.5	.7	1.7	2.1	1.1	1.1	.7	.5	.5	BF	BF	.8	1.6	2.0	2.6	2.6	2.1	1.2	1.2	1.6	2.2	1.4	1.1	22	2.6
26	.8	1.0	.9	.5	.4	.2	.6	.3	.2	.2	.1	.0	.0	.0	.0	.0	.2	.1	.2	.2	.0	.0	.1	.0	24	1.0
27	.0	.0	.0	.0	.0	.0	.1	.7	2.3	2.0	.8	.3	.1	.1	.1	.2	.6	.3	.4	.4	.4	.3	.2	.1	24	2.3
28	.0	.0	.0	.0	.1	.1	.1	.2	.1	.1	.1	.1	.3	.3	.3	.1	.1	.2	.2	.1	.1	.0	.1	.1	24	.3
29																									0	
30																									0	
31																									0	
NO.:	28	28	28	28	28	28	28	28	28	28	27	27	28	27	28	28	28	28	28	28	28	28	28	28		
MAX:	1.2	1.1	1.5	1.7	2.1	2.0	2.3	2.3	2.3	2.0	2.6	2.8	2.3	1.6	2.0	2.6	2.6	2.1	1.2	1.2	1.6	2.2	1.8	1.3		
AVG:	.39	.34	.35	.36	.37	.34	.40	.41	.53	.58	.54	.64	.59	.44	.43	.43	.43	.39	.38	.40	.44	.47	.53	.43		

MONTHLY OBSERVATIONS: 669 MONTHLY MEAN: .44 MONTHLY MAX: 2.8

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

(42401) Sulfur dioxide

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

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

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

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MARCH 2013

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	.2	.2	.3	.4	.4	.3	.3	.1	.1	.2	.2	.2	.2	.4	.5	.4	.3	.2	24	.5
2	.2	.1	.1	.1	.1	.2	.2	.2	.5	.6	.3	.2	.3	.3	.3	.2	.3	.3	.3	.3	.2	.6	.9	.9	24	.9
3	.9	.8	.9	1.1	.4	.2	.2	.3	.6	.5	.4	.2	.2	.3	.2	.8	.6	.5	.4	.3	.3	.4	.5	.4	24	1.1
4	.3	.4	.5	.6	.6	.5	.9	1.0	1.5	1.3	1.4	1.2	1.0	.8	.7	.7	.5	.4	.3	.4	.5	.5	.4	.6	24	1.5
5	.7	1.0	1.5	1.3	1.3	1.3	1.2	1.7	2.9	3.3	3.9	2.0	2.0	1.5	1.9	.9	.5	.2	.1	.1	.0	.0	.1	.2	24	3.9
6	.5	.1	.0	.4	.3	.1	.1	.2	.3	.5	.6	BF	.9	1.1	1.1	1.0	.9	.9	.9	.8	.7	.5	.4	.4	23	1.1
7	.6	1.1	1.5	1.0	.8	.6	.6	.8	1.0	1.1	.9	.7	.5	.3	.2	.2	.2	.3	.3	.2	.1	.1	.2	.1	24	1.5
8	.2	.2	.2	.1	.1	.1	.2	.4	.4	.3	.4	.5	.5	.5	.5	.5	.4	.3	.4	.4	.4	.4	.6	.6	24	.6
9	.6	.5	.4	.5	.5	.5	.4	.7	.9	1.1	1.2	1.4	1.7	1.0	.8	.5	.3	.2	.3	.3	.3	.4	.4	.5	24	1.7
10	.3	.3	.3	.3	.3	.3	.2	.3	.4	1.1	.7	.5	.4	.5	.5	.5	.4	.3	.3	.3	.3	.4	.4	.4	24	1.1
11	.4	1.0	.5	.5	.4	.2	.1	.2	.2	.2	.2	.3	.2	.3	.4	.2	.2	.2	.2	.2	.2	.2	.2	.1	24	1.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	24	.1
13	.0	.0	.0	.0	.1	.2	.3	.5	.5	.7	1.0	.9	.9	.3	.1	.1	.2	.0	.0	.0	.1	.1	.2	.1	24	1.0
14	.1	.1	.1	.1	.2	.2	.3	.4	.4	.8	AZ	AZ	.4	.3	.3	.3	.2	.2	.3	.4	.4	.3	.6	.7	22	.8
15	.7	.7	.8	.7	.5	.5	.5	1.0	.6	1.0	1.0	1.9	.9	1.0	.7	.6	.9	.7	.6	.5	.6	1.2	1.4	1.3	24	1.9
16	1.1	.9	.8	.8	.8	1.0	1.0	1.1	1.5	2.4	1.7	1.1	.9	1.1	.9	.9	.8	.7	.7	.2	.2	.2	.2	.2	24	2.4
17	.1	.1	.1	.1	.1	.1	.3	.5	.1	.1	.8	1.0	1.1	1.4	1.6	1.2	1.0	.8	.5	.3	.2	.2	.2	.1	24	1.6
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.1
19	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	BF	.1	.1	.2	.4	.5	.8	.4	.5	.3	.2	.2	.2	.1	23	.8
20	.2	.3	.3	.4	.4	.4	.5	.6	.4	.2	.2	.6	.3	.2	.2	.3	.6	.4	.3	.2	.3	.2	.2	.3	24	.6
21	.4	.3	.1	.3	.4	.3	.3	.4	.3	.6	.5	.4	.2	.2	.4	.5	.4	.5	.3	.3	.4	.5	.5	.4	24	.6
22	.4	.5	.5	.6	.6	.5	1.9	.8	1.0	1.0	1.2	1.1	.9	.8	.4	.5	.5	.5	.7	1.1	1.5	1.9	2.0	1.5	24	2.0
23	.8	.6	.5	.6	.5	.7	1.2	2.0	2.5	2.5	1.8	1.7	1.5	1.2	1.2	1.1	1.3	1.5	1.5	1.3	1.1	.9	.8	.7	24	2.5
24	.7	.7	1.0	1.1	.8	.5	.4	.3	.8	.9	.8	.8	.7	.5	.5	.4	.2	.1	.1	.1	.1	.2	.1	.1	24	1.1
25	.0	.0	.0	.0	.0	.0	.1	.4	1.0	.4	.4	.2	.3	.3	.3	.2	.1	.3	.4	.4	.3	.3	.3	.2	24	1.0
26	.2	.2	.2	.3	.4	.3	.4	.5	.6	.8	1.0	.7	.5	.4	.2	.1	.2	.5	.6	.5	.4	.4	.3	.2	24	1.0
27	.1	.1	.1	.3	.4	.3	.4	.6	.9	1.0	.7	.6	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	24	1.0
28	.2	.2	.1	.1	.1	.2	.2	.3	.9	1.1	1.6	1.2	1.0	1.0	1.4	1.0	.6	.5	.6	.8	.7	.6	.5	.5	24	1.6
29	.4	.4	.3	.3	.3	.2	.3	.5	.7	1.2	1.1	1.0	.8	.6	.6	.5	.5	.5	.4	.2	.2	.2	.2	.2	24	1.2
30	.2	.2	.3	.2	.4	.7	1.0	1.1	1.3	1.0	1.5	1.4	.9	.9	.8	.7	.7	.6	.7	.7	.6	.7	.5	.4	24	1.5
31	.4	.4	.4	.2	.1	.1	.0	.0	.0	.1	.2	.1	.1	.1	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	24	.4
NO.:	31	31	31	31	31	31	31	31	31	31	29	29	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	1.1	1.1	1.5	1.3	1.3	1.3	1.9	2.0	2.9	3.3	3.9	2.0	2.0	1.5	1.9	1.2	1.3	1.5	1.5	1.3	1.5	1.9	2.0	1.5		
AVG:	.35	.36	.37	.39	.35	.33	.43	.55	.73	.85	.90	.76	.64	.56	.55	.48	.45	.39	.39	.36	.35	.39	.41	.37		

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: .49 MONTHLY MAX: 3.9

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

(42401) Sulfur dioxide

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

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

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

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: APRIL 2013

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	.1	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.8	.7	24	.8
2	.5	.6	.6	.4	.3	.3	.4	BF	BF	1.8	1.4	1.0	1.0	1.0	1.0	.8	.6	.4	.3	.3	.3	.3	.4	.3	22	1.8
3	.5	1.4	1.7	2.1	2.2	2.6	3.5	3.0	1.4	1.5	1.2	1.0	1.1	1.2	1.2	.9	.5	.3	.3	1.3	1.3	1.0	1.4	1.3	24	3.5
4	.7	.9	.9	1.2	1.6	1.7	1.3	1.3	1.5	1.3	1.2	1.2	.9	.5	.8	.5	.7	.4	.3	.3	.1	.4	.6	.2	24	1.7
5	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.4	.3	.3	.3	.2	.3	.4	.5	.6	.7	.6	1.2	1.4	24	1.4
6	1.6	1.3	1.4	.8	.8	.7	1.1	1.5	.9	.8	1.0	1.3	1.1	.9	.9	.8	.8	.8	.8	.7	.7	.7	.7	.6	24	1.6
7	.6	.6	.6	.7	.4	.3	.3	.7	.6	.6	.6	.5	.5	.5	.5	.5	.5	.4	.2	.2	.3	.3	.2	.3	24	.7
8	.6	.4	.5	.5	.2	.1	.1	.4	.6	.8	.7	.8	.5	.2	.2	.2	.1	.1	.1	.2	.2	.2	.2	.2	24	.8
9	.2	.2	.3	.2	.2	.2	.2	.4	.6	.7	.7	.3	.2	.2	.2	.3	.6	.3	.2	.3	.3	.4	.5	.4	24	.7
10	.5	.5	.5	.4	.4	.3	.3	.4	.5	.7	.8	.7	.7	.5	.5	.4	.4	.6	.6	.5	.4	.3	.3	.3	24	.8
11	.2	.2	.2	.2	.1	.1	.1	.2	.1	.2	.1	.1	.1	.1	.1	.1	.2	.1	.3	.3	.1	.2	.2	.4	24	.4
12	.3	.3	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.6	.5	24	.6
13	.2	.1	.1	.1	.1	.0	.0	.2	.1	.3	.3	.4	.3	.3	.2	.2	.1	.1	.3	.3	.3	.3	.4	.3	24	.4
14	.3	.3	.3	.2	.1	.2	.1	.4	.4	.3	.1	.1	.2	.2	.2	.2	.3	.4	.2	.6	.7	.5	.3	.1	24	.7
15	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.3	.2	.2	.3	.3	.3	.2	.1	.1	.1	.1	24	.3
16	.2	.4	.3	.2	.1	.1	.0	.1	.2	.3	BF	.4	.0	-.1	.0	.1	.0	-.1	.0	.0	.1	.0	.3	.5	23	.5
17	.4	.4	.1	.0	-.1	.0	1.9	.2	1.4	.0	-.1	-.1	-.1	-.1	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	24	1.9
18	.1	.0	.0	.2	.4	.1	.4	.5	.7	.5	.1	.0	-.1	-.1	-.1	.0	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	24	.7
19	-.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.1	.1	-.1	-.1	AV	-.1	-.1	-.1	-.1	-.1	.0	23	.1
20	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
21	.0	.0	.1	.3	.4	.4	.3	.2	.3	.5	.6	.8	1.0	.7	.5	.3	.4	.4	.4	.3	.2	.1	.0	.0	24	1.0
22	.0	.0	.0	.0	.0	.1	.6	.5	.0	.2	2.0	.7	.2	.2	.1	.0	.0	.0	.0	.0	.0	.3	.0	.0	24	2.0
23	.0	.3	.1	.6	.0	-.1	.2	.7	1.1	1.7	.0	-.1	.5	.6	.1	.0	.1	.1	.0	.0	.0	.5	.0	-.1	24	1.7
24	-.1	.0	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.2	.3	.0	.0	.0	.0	.0	.1	.2	.2	.1	.0	.0	24	.3
25	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	.0	.1	.2	.1	.2	.1	.1	.1	.2	.2	.2	.2	.2	.2	.0	.0	24	.2
26	.2	.1	.0	.0	.1	.1	.1	.9	3.9	1.4	.6	.4	.4	.4	.3	.2	.2	.1	.1	.2	.1	.1	.1	.1	24	3.9
27	.1	.1	.0	.0	.1	.1	.2	.5	.6	.4	.2	.2	.1	.2	.1	.2	.3	.4	.4	.1	.0	.0	.0	.0	24	.6
28	.0	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	24	0.0
29	-.1	-.1	-.2	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	-.1	.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	24	.1
30	-.1	-.2	-.1	.5	.1	.0	.0	.0	.0	-.1	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	.5
31																									0	
NO.:	30	30	30	30	30	30	30	29	29	30	28	30	30	30	30	30	30	29	30	30	30	30	30	30		
MAX:	1.6	1.4	1.7	2.1	2.2	2.6	3.5	3.0	3.9	1.8	2.0	1.3	1.1	1.2	1.2	.9	.8	.8	.8	1.3	1.3	1.0	1.4	1.4		
AVG:	.22	.25	.24	.27	.23	.23	.36	.40	.52	.48	.43	.35	.32	.27	.24	.20	.21	.18	.18	.21	.20	.21	.26	.24		

MONTHLY OBSERVATIONS: 715 MONTHLY MEAN: .28 MONTHLY MAX: 3.9

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

(42401) Sulfur dioxide

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

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

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

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MAY 2013

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	.1	.2	.2	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	24	.2
2	.0	.0	.0	.0	-.1	.0	.0	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	24	0.0
3	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.3	.2	.0	-.1	-.1	.0	.0	.0	-.1	.0	.0	.0	.1	.0	.0	.0	.0	24	.3
4	-.1	.0	.0	.1	.0	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.1	.0	.0	-.1	.0	.0	-.1	-.1	-.1	-.1	24	.1
5	-.1	-.1	.2	.1	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	24	.2
6	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	.2	.1	.0	.0	24	.2
7	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	1.2	.3	-.1	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	24	1.2
8	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.1	.0	.0	.0	-.1	-.1	.0	.0	.4	.5	-.1	-.1	-.1	-.1	-.1	-.1	24	.5
9	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.1	.3	.4	.0	.0	.0	.0	.0	.0	24	.4
10	-.1	-.1	.0	-.1	-.1	.0	.0	.3	.1	.0	.2	.2	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	24	.3
11	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.2	24	.1
12	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	24	-.1
13	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.3	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.3
14	.0	.0	.0	.0	-.1	.0	.0	.1	.5	.4	BF	.4	.3	.3	.4	.3	.3	.2	.2	.2	.2	.2	.1	.1	23	.5
15	.1	.0	.0	.0	.1	.0	.2	.3	.3	.4	.3	.4	.3	.3	.3	.3	.3	.2	.2	.1	.1	.2	.3	.3	24	.4
16	.1	.0	.0	-.1	-.1	-.1	.0	.0	.0	1.6	1.0	.0	.4	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.6
17	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.2	1.3	1.8	.9	1.0	.1	.0	.0	.2	.0	.0	.0	.0	-.1	-.1	-.1	24	1.8
18	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	-.1	.0	-.1	-.1	-.1	-.1	24	.2
19	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	.0	.0	-.1	.0	.1	.0	.0	.0	-.1	-.1	-.1	.0	24	.1
20	.0	-.1	-.1	-.1	-.2	-.1	-.1	.0	-.1	.0	.5	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	24	.5
21	-.1	-.1	-.1	-.2	-.2	-.2	-.1	-.1	.0	.1	.2	.3	.0	.2	.2	.0	.0	.0	.3	.2	.1	.2	.0	-.1	24	.3
22	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.1	.2	.3	.1	.0	.0	-.1	.0	-.1	-.1	-.1	-.1	24	.3
23	-.2	-.2	-.1	-.1	-.2	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	24	.1
24	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	24	0.0
25	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	24	0.0
26	.1	.0	.3	.6	.8	.5	.4	.4	.2	.1	.3	.2	.1	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	24	.8
27	-.1	-.1	-.1	-.1	-.1	-.1	.1	.9	.3	.3	.3	.2	.1	.2	.1	.1	.1	.1	.2	.0	.0	.0	.0	.1	24	.9
28	.4	.3	.0	.0	.0	-.1	.0	BF	.2	.2	.2	.3	.2	.0	.0	.1	.0	.0	.0	.3	.7	.0	.5	.2	23	.7
29	.2	.0	.0	.0	-.1	-.1	.2	.5	.8	.7	.3	.2	.0	.0	.0	.0	.1	.0	.1	.7	1.0	.2	1.0	.2	24	1.0
30	.1	.1	.0	-.1	-.1	-.1	.0	.4	.4	.2	.0	.0	.0	.0	.0	.2	.3	.3	.0	.0	.0	.0	.0	.0	24	.4
31	.1	.9	.2	.1	.0	.0	.2	.4	.2	.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.7	1.3	1.4	.4	24	1.4
NO.:	31	31	31	31	31	31	31	30	31	31	30	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	.4	.9	.3	.6	.8	.5	.4	.9	.8	1.6	1.8	.9	1.0	.5	.4	.3	.4	.5	.3	.7	1.0	1.3	1.4	.4		
AVG:	-.04	-.03	-.04	-.05	-.07	-.07	-.01	.08	.08	.19	.15	.07	.05	.04	.03	.02	.05	.03	-.01	.02	.05	.02	.06	-.01		

MONTHLY OBSERVATIONS: 742 MONTHLY MEAN: .03 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: 37-067-0022 POC: 1
COUNTY: (067) Forsyth
CITY: (75000) Winston-Salem
SITE ADDRESS: 1300 BLK. HATTIE AVENUE
SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.
MONITOR COMMENTS: ML 8850 ANALYZER/CHANGED TO API 100A 2/96

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

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

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JUNE 2013

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	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.8	.9	1.3	24	1.3
2	.4	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.4
3	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.6	.6	.7	.0	.1	AZ	.0	.3	.0	.0	.0	.0	.0	.0	23	.7
4	.0	.0	.0	.0	.0	.0	.0	.7	.1	.1	AZ	AZ	.2	.3	1.2	1.5	.6	.3	.2	.1	.0	.0	.0	.0	22	1.5
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0	24	.3
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.8	.2	.0	.0	.0	.1	.0	24	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	.0	.0	24	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	.0	.0	24	0.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.8	.0	.0	.0	.0	1.6	24	1.6
10	1.6	.0	1.7	1.0	.5	3.6	2.2	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	3.6
11	.0	.0	.0	.0	.0	.0	.0	.4	1.1	.0	.0	.0	BF	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	1.1
12	.0	.0	.0	.0	.0	.0	.0	1.4	.1	.3	.2	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.6	.2	24	1.4
13	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.2
14	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	24	.3
15	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.0	24	.4
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	24	.1
17	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.1	.0	.0	.0	.0	.4	.5	.1	.0	.0	.0	.0	.0	24	.6
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	.0	24	.1
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	3.3	6.1	1.8	.0	.0	.0	.0	.3	.4	.0	.0	.0	.0	24	6.1
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.6
21	.0	.0	.0	.0	.0	.0	.0	.9	1.7	.9	2.0	.7	.5	.5	.1	.0	.0	.0	.0	.0	.2	.4	.4	.3	24	2.0
22	.2	.2	.8	.6	.2	.0	.0	3.3	.7	.4	.4	.0	.1	2.4	1.8	.2	.5	.0	.0	.0	.3	.1	.0	.0	24	3.3
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	.5	.0	.0	.0	.0	.0	.0	24	.5
24	.0	.0	.0	.0	.0	.2	.3	.2	.2	.1	AV	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	23	.3
25	.1	.1	.0	.0	.0	.0	.0	.2	1.4	.9	1.1	.4	.1	.3	.0	.0	.1	.4	.3	.0	.2	.0	.0	.1	24	1.4
26	.1	.5	.3	.1	.0	.0	2.0	.5	.2	BF	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	2.0
27	.0	.0	.0	.0	.0	.0	.0	.5	.1	.1	.8	.1	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	24	.8
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.1	.3	.4	.0	.0	.0	.1	.0	24	.4
30	.0	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.3
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	29	28	29	29	30	30	29	30	30	30	30	30	30	30	30		
MAX:	1.6	.5	1.7	1.0	.5	3.6	2.2	3.3	1.7	.9	2.0	3.3	6.1	2.4	1.8	1.5	.6	1.8	.8	.4	.4	.8	.9	1.6		
AVG:	.09	.04	.11	.07	.03	.13	.15	.30	.22	.10	.25	.19	.27	.19	.14	.07	.09	.15	.08	.02	.05	.06	.08	.12		

MONTHLY OBSERVATIONS: 714 MONTHLY MEAN: .13 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: 37-067-0022 POC: 1
COUNTY: (067) Forsyth
CITY: (75000) Winston-Salem
SITE ADDRESS: 1300 BLK. HATTIE AVENUE
SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.
MONITOR COMMENTS: ML 8850 ANALYZER/CHANGED TO API 100A 2/96

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

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

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JULY 2013

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	24	.2
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	23	.4
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	24	.2
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	24	.3
12	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.3	.8	2.9	4.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	24	4.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	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	.0	.0	24	0.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	BC	BC	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
16	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1	.9	.7	1.6	2.6	.7	.0	.0	.0	.0	.0	.0	.0	.0	24	2.6
17	.0	.0	.0	.0	.0	.0	.0	.2	1.0	9.0	7.3	7.3	4.9	.7	.1	1.2	1.3	.5	.0	.0	.0	.0	.0	.0	24	9.0
18	.0	.0	.0	.0	.0	.0	.2	.4	.7	.7	.9	.5	.3	.3	.1	.4	.2	.2	.4	.4	.1	.0	.1	.0	24	.9
19	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.1
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
21	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.1
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.7	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	24	.7
23	.0	.0	.0	.0	.0	.0	.1	.5	1.2	.4	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.2
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.2	.1	.0	24	.3
25	.0	.0	.0	.0	.0	.0	.0	2.4	2.8	.4	.3	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	24	2.8
26	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.1	.0	.0	.1	.2	.1	.3	.1	.0	.1	.0	.0	24	.3
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
29	.0	.0	.0	.0	.0	.0	.0	.2	.4	.2	.1	BF	.1	.1	.0	.0	.1	.3	.0	.0	.0	.0	.3	.0	23	.4
30	.0	.4	.2	.1	.0	.1	.2	.9	1.0	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	24	1.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.6	.4	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	24	.6
NO.:	31	31	31	31	31	31	31	31	31	30	30	29	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	0.0	.4	.2	.1	0.0	.1	.2	2.4	2.8	9.0	7.3	7.3	4.9	1.6	2.6	1.2	1.3	.5	.4	.4	.3	.4	.3	.1		
AVG:	0.00	.01	.01	0.00	0.00	0.00	.02	.16	.25	.50	.33	.45	.35	.13	.10	.09	.06	.04	.03	.02	.02	.04	.02	0.00		

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: .11 MONTHLY MAX: 9.0

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

(42401) Sulfur dioxide

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

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

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

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: AUGUST 2013

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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.1
2	.0	.0	.0	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0	.7	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	24	.8
3	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.2
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.9	.3	.0	.0	.1	.1	24	.9
5	.1	.4	.3	.4	.3	.3	.2	.3	.3	.3	.2	.6	.3	.1	.1	.1	.1	.2	.1	.0	.0	.0	.0	.0	24	.6
6	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	24	.2
7	.0	.0	.1	.1	.1	.1	.0	.2	.2	.1	.1	.2	.1	.0	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0	24	.3
8	.0	.4	.2	.3	.4	.0	.0	.0	.1	.5	.1	.0	.1	.0	.2	.0	.0	.0	.0	.0	.1	.3	.2	.0	24	.5
9	.2	.1	.1	.0	.0	.0	.0	.5	.4	.3	.5	.2	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	24	.5
10	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.1
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	23	.4
13	.0	.0	.0	.0	.0	.0	.0	.1	.0	1.3	.8	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	24	1.3
14	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.2	.2	.2	.2	.4	.7	1.5	.8	.0	.0	.0	.0	.0	.0	24	1.5
15	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.2	.2	.2	.2	.2	.3	.3	.2	.1	.0	.0	.0	.0	24	.3
16	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1	.0	.0	.0	.1	.3	.3	.5	.4	.2	.0	.0	.0	24	.5
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.4
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.0	.0	.0	.0	.0	24	.4
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.2
20	.0	.0	.0	.0	.0	.0	.0	.2	1.2	1.3	.1	1.3	.2	.0	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	24	1.3
21	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.2
22	.0	.0	.0	.0	-.1	-.1	.0	.0	.6	1.3	.4	.0	.0	.1	.1	.0	.5	.7	.0	.0	.0	.0	.0	-.1	24	1.3
23	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.5	.2	24	.5
24	.0	.0	.0	.0	.0	.0	.0	.8	1.2	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.2
25	.0	.0	.0	.0	.0	.0	.0	.0	.6	.5	.0	.0	.0	.0	.1	.0	.1	.6	.9	.5	.2	.0	.0	.0	24	.9
26	.0	.0	.0	.0	.0	.0	.1	.1	.0	.6	BF	.3	.1	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.1	23	.6
27	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	24	.1
28	.0	.0	.0	.0	.0	.0	.0	.0	3.0	3.1	.1	.3	.5	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	24	3.1
29	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0	.6	2.9	1.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	2.9
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	AZ	AZ	AZ	.0	.0	.0	.0	.0	.0	.1	.2	.6	.3	21	.6
31	.2	.1	.0	.0	.0	.0	.0	.3	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.5
NO.:	31	31	31	31	31	31	31	31	31	31	30	29	30	30	31	31	31	31	31	31	31	31	31	31		
MAX:	.2	.4	.3	.4	.4	.3	.3	.8	3.0	3.1	.8	2.9	1.5	.7	.4	.7	1.5	.8	.9	.5	.2	.3	.6	.3		
AVG:	.01	.03	.02	.02	.02	.01	.02	.13	.29	.36	.14	.23	.12	.07	.08	.06	.11	.17	.11	.04	.02	.02	.05	.02		

MONTHLY OBSERVATIONS: 739 MONTHLY MEAN: .09 MONTHLY MAX: 3.1

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

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

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

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: SEPTEMBER 2013

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.0	.0	.0	.0	-.1	.0	-.1	.0	.0	.0	.2	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.2
2	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	24	.1
3	.0	.0	.0	.0	.0	.0	.0	1.2	2.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	2.0
4	.0	.0	.0	.0	.0	.0	.1	1.4	3.0	.8	.4	.4	.5	.6	.9	.7	.3	.1	.0	.1	.0	.0	.0	.0	24	3.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.6	3.7	1.8	.6	.1	.1	.3	.4	.2	.1	.1	.0	.3	.1	24	3.7
6	.0	.0	.1	.3	.2	.1	.2	1.0	1.7	1.9	1.2	.9	.6	.5	.7	1.4	1.9	1.0	.5	.2	.1	.1	.1	.0	24	1.9
7	1.0	1.0	.3	.0	.0	.0	.0	.1	.1	.3	.1	.2	.3	.1	.1	.1	.1	.0	.0	.1	.0	.1	.0	.0	24	1.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.5	.6	.7	.7	.4	.2	.2	.5	.5	.3	.3	.1	.0	.0	24	.7
9	.0	.0	.0	.0	.0	.0	.0	.4	.2	.3	.7	.7	BF	.4	.3	.3	.4	.1	.1	.1	.0	.0	.0	.0	23	.7
10	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.0	.4	.1	.1	.1	.0	.0	.1	.0	.0	.0	.1	.0	.1	.0	24	1.0
11	.0	.0	.0	.0	.0	.0	.0	2.4	3.9	.8	.2	.4	.1	.1	.7	.1	.0	.1	.0	.0	.0	.0	.0	.0	24	3.9
12	.0	.0	.0	.0	.0	.0	.4	.0	.0	.3	.3	.1	.1	.0	.1	.2	.8	.4	.0	.0	.0	.2	.0	.0	24	.8
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.7	.6	24	.7
14	.3	.5	.6	.4	.3	.5	1.9	1.3	.6	.3	1.2	1.1	.7	.5	.5	.5	.4	.5	.4	.3	.2	.2	.2	.1	24	1.9
15	.1	.1	.1	.0	.0	.0	.0	.1	.3	.3	.3	.3	.4	.3	.2	.1	.1	.1	.1	.1	.1	.2	.3	.2	24	.4
16	.2	.2	.3	.3	.3	.4	.5	.5	1.1	3.1	1.1	.2	BA	BA	BA	BA	BA	1.0	1.0	.5	.3	.4	.8	.6	19	3.1
17	.2	.2	.1	.1	.2	.3	.3	.6	1.0	.7	.5	.4	.4	BA	BA	BA	BA	BA	.9	.5	.7	.7	.5	.8	19	1.0
18	.6	.4	.3	.4	.5	.7	.5	.5	.7	.7	.7	1.0	1.0	2.2	3.6	4.4	4.6	3.1	3.3	2.8	1.6	.9	.7	1.0	24	4.6
19	.7	.5	.8	.7	.6	.7	1.1	1.0	4.0	3.9	1.1	1.1	1.8	1.9	1.2	1.0	1.0	.6	.5	.4	.4	.4	.4	.5	24	4.0
20	1.0	.8	.8	.5	.5	.4	.5	.6	.6	.6	.5	.5	.5	.5	.3	.4	.2	.1	.1	.0	.0	.0	.1	.0	24	1.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.0	.0	.0	.0	.1	.0	24	.1
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.3	.4	.3	.2	.1	.1	.1	.0	.0	.0	.1	.1	24	.4
23	.0	.0	.0	.0	.0	.0	.1	.2	.7	.5	BF	.4	.4	.2	.2	.2	.4	.2	.1	.1	.1	.2	.2	.2	23	.7
24	.1	.1	.1	.1	.1	.2	.2	.3	.3	.3	.3	.3	.4	.7	.3	.2	.1	.0	.1	.0	.0	.0	.0	.0	24	.7
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.9	.4	.2	.1	.1	.1	.0	.1	.8	.2	.0	.0	.0	.0	24	.9
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	1.6	4.5	2.1	2.7	4.4	3.3	2.8	.3	.2	.2	.1	.1	.0	.0	24	4.5
27	.0	.0	.0	.0	.0	.0	.0	.0	2.4	4.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	4.3
28	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	24	.3
29	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	24	.3
30	.0	.0	.0	.0	.0	.0	.0	.0	.3	.5	1.0	1.6	1.1	.8	.7	.6	.4	.3	.2	.1	.1	.1	.1	.0	24	1.6
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	29	30	28	28	28	28	28	29	30	30	30	30	30	30		
MAX:	1.0	1.0	.8	.7	.6	.7	1.9	2.4	4.0	4.3	1.6	4.5	2.1	2.7	4.4	4.4	4.6	3.1	3.3	2.8	1.6	.9	.8	1.0		
AVG:	.14	.13	.11	.09	.08	.11	.19	.38	.79	.75	.50	.65	.49	.49	.55	.53	.51	.31	.30	.20	.14	.13	.16	.14		

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: .33 MONTHLY MAX: 4.6

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

(42401) Sulfur dioxide

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

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

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

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: OCTOBER 2013

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	.1	.3	.1	.1	.0	.0	.1	.0	.0	.0	.0	.1	.1	.0	24	.3
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.1	.0	.0	.0	.0	24	.5
3	.0	.0	.0	.0	.0	.1	.1	.1	1.7	4.9	.4	.0	.0	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	24	4.9
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.9	1.3	1.6	1.8	1.3	1.1	.8	.5	.4	.2	.2	.1	.0	24	1.8
5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.3	.5	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	24	.5
6	.0	.0	.0	.0	.0	.0	.0	.1	.6	.6	.4	.6	.5	.3	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	24	.6
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	23	.3
8	.2	.3	.2	.2	.4	1.3	1.6	1.7	.7	.4	.2	.1	.1	.1	.2	.3	.2	.2	.2	.1	.1	.0	.1	.2	24	1.7
9	.1	.1	.0	.0	.1	.1	.2	.2	.2	.3	.3	.2	.1	.0	.4	.8	1.1	.9	.9	.8	.7	.6	.0	.0	24	1.1
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	24	.1
11	.0	.0	.0	.0	.0	.0	.0	.0	.3	.6	.5	.2	.1	.3	.3	.2	.2	.2	.1	.1	.2	.3	.2	.0	24	.6
12	.0	.0	.0	.0	.0	.0	.0	.0	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	24	.6
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.8	.8	.2	.2	.4	.0	.1	.0	.1	.0	.0	.2	.1	24	.8
14	.0	.0	.0	.0	.0	.0	.1	.3	.0	.2	.1	.6	.3	.3	.2	1.0	.2	.0	.0	.0	.0	.0	.0	.0	24	1.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.2	.4	2.0	2.7	2.5	3.1	1.5	.5	.1	.0	.0	.1	.0	24	3.1
16	.0	.2	.2	.1	.0	.0	.0	.0	.4	.3	.9	1.4	.5	.2	.3	.2	.0	.0	.0	.0	.0	.1	.4	.3	24	1.4
17	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.3	2.0	.7	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	2.0
18	.0	.0	.0	-.1	.0	.0	.0	.0	.3	.0	.0	.0	.1	1.0	1.4	.8	.9	.7	.2	.0	.0	.0	.0	.0	24	1.4
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.3
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.1	BC	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	.1	.2	23	.4
22	.3	.3	.2	.0	.0	.0	.4	.6	.3	.2	1.2	1.4	.9	1.1	.0	.0	.0	.0	.1	.2	.3	.1	.0	-.1	24	1.4
23	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	.0	-.2	-.2	.0	.0	.0	-.1	-.1	.0	.0	-.1	-.1	-.1	-.2	24	0.0
24	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.1	.4	.3	.1	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	24	.4
25	.0	-.1	-.1	-.1	-.2	-.2	-.2	-.1	.0	.0	.0	.1	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.2	24	.1
26	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	.7	2.3	.3	.1	.2	.1	.1	.0	.1	.1	.1	.4	.2	.5	24	2.3
27	.2	.0	.0	-.1	-.1	-.1	-.1	.0	.1	.3	.2	.2	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	-.1	24	.3
28	-.1	-.1	-.1	-.1	-.2	-.1	.0	.0	.0	.2	.6	.5	.1	.1	.1	.3	.6	.2	.0	.0	.0	-.1	.0	-.1	24	.6
29	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.3	.6	.7	.4	.1	.0	.0	.0	.0	.0	-.1	-.1	-.1	.0	-.1	24	.7
30	-.1	-.2	-.1	-.1	.0	-.1	.0	.2	.1	.0	.0	.1	.1	.1	.2	.2	.0	.0	.0	.5	.1	.1	.2	.6	24	.6
31	.5	.0	.1	.2	.1	.0	.0	.1	.3	.3	.4	.2	.2	.2	.2	.6	.7	1.3	.6	.2	.7	.6	.2	.1	24	1.3
NO.:	31	31	31	31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	.5	.3	.2	.2	.4	1.3	1.6	1.7	1.7	4.9	1.2	2.3	1.3	2.0	2.7	2.5	3.1	1.5	.9	.8	.7	.6	.4	.6		
AVG:	.03	0.00	-.01	-.02	-.01	.01	.05	.09	.18	.35	.31	.45	.24	.28	.28	.28	.25	.18	.12	.08	.07	.06	.07	.04		

MONTHLY OBSERVATIONS: 742 MONTHLY MEAN: .14 MONTHLY MAX: 4.9

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

(42401) Sulfur dioxide

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

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

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

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: NOVEMBER 2013

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.1	.1	.0	.0	.0	.0	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.2	24	.1
2	-.2	-.2	-.3	-.2	-.3	-.3	-.2	-.2	-.2	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.2	24	0.0
3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.0	.0	.0	.0	.0	.1	.2	.2	.2	.1	.1	.2	.2	.3	.4	.5	24	.5
4	.4	.0	.2	.1	.1	.2	.2	.5	1.0	.6	BF	.3	.3	.2	.2	.1	.1	.0	.0	.0	.1	.2	.7	1.8	23	1.8
5	1.2	.4	.3	.1	.1	.0	.0	.0	.1	.0	.0	.0	1.4	2.8	1.3	.1	.0	.0	.0	.0	-.1	-.1	.0	.0	24	2.8
6	.0	.0	.2	.1	.2	.0	.0	.0	.6	.2	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	-.1	.0	.0	24	.6
7	.0	.0	-.1	-.1	-.1	-.1	.0	-.1	-.2	1.5	.3	2.1	.5	.0	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.0	24	2.1
8	.2	.4	.3	.1	.2	.3	.4	.7	.7	.5	.5	.4	.3	.3	.1	.0	.0	.1	.1	.1	.0	.0	.1	.0	24	.7
9	.0	.0	-.1	-.1	-.1	.0	.0	.0	.3	1.7	.5	.3	.2	.3	.3	.4	.6	.5	.5	.3	.3	.3	.4	.4	24	1.7
10	.2	.2	.1	.0	.0	-.1	.0	.0	.1	.2	.4	.4	.3	.1	.0	.0	.2	.4	.3	.2	.2	.3	.1	.4	24	.4
11	.4	.4	.4	.3	.3	.2	.1	.1	.6	.7	.2	.5	1.1	.9	.5	.4	.0	.1	.1	.1	.1	.1	.2	.1	24	1.1
12	.1	.1	.1	.1	.1	.0	.1	.4	3.2	.5	1.0	1.3	.4	.0	.1	.1	.0	.0	.1	.1	.1	.0	.1	.0	24	3.2
13	.0	.0	.0	.0	.0	.0	.0	.3	.7	.7	.7	.8	.8	.7	.5	.3	.2	.2	.3	.1	.2	.3	.4	.4	24	.8
14	.3	.1	.1	.0	.1	.0	.0	.2	.3	.4	.7	.3	.3	1.6	.6	.4	.6	.9	.8	.3	.2	.5	.6	1.0	24	1.6
15	1.1	.7	.5	.5	.5	.6	.5	.7	1.0	1.0	2.1	2.8	3.5	1.8	.6	.5	.7	.8	.6	.5	.4	.4	.2	.0	24	3.5
16	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	24	0.0
17	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	24	0.0
18	-.2	-.2	-.3	-.3	-.3	-.2	-.2	-.2	-.2	.0	.8	-.1	BF	.0	.0	-.1	-.2	-.2	-.1	.0	-.1	.0	.0	.0	23	.8
19	.0	-.1	-.1	.0	.0	.3	.3	.4	.4	.5	.6	.9	.9	.7	.3	.0	.8	1.5	.1	.2	.2	.6	.7	.6	24	1.5
20	.7	.6	2.5	3.1	.9	.4	.4	.8	1.2	1.0	.6	.5	.4	.3	.3	.3	.4	.8	1.3	1.0	.8	.4	.4	1.5	24	3.1
21	1.1	1.5	1.2	.8	.7	1.0	1.0	.7	1.3	2.5	3.1	3.4	3.4	2.4	1.7	2.6	1.9	1.5	1.4	.3	.2	.1	.0	.0	24	3.4
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.1	.1	.0	.0	.3	.3	.1	.0	-.1	.0	.0	-.1	-.2	24	.3
23	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	.0	.0	.0	.3	.3	.2	24	.3
24	.3	.3	-.1	-.2	-.2	-.1	-.1	.0	.0	.0	-.1	-.1	-.1	.0	.0	.0	.1	.1	.6	.8	.9	1.0	1.1	1.0	24	1.1
25	1.0	.8	.8	.9	1.0	.7	.7	1.1	1.1	.8	1.1	.5	.4	.5	.5	AZ	.3	.3	.4	.4	.3	.3	.4	.4	23	1.1
26	.4	.3	.1	.1	.1	.0	.0	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	.4
27	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.0	.0	.0	.4	.4	.2	.0	-.1	-.2	-.2	-.2	-.1	-.1	-.1	.0	.0	.0	24	.4
28	.0	-.1	-.1	-.1	.0	.0	-.1	.0	.2	.3	.2	.2	.1	.1	.1	.1	.1	.0	.2	.3	.2	.1	.2	.2	24	.3
29	.4	.1	.0	.0	.1	.1	.0	.1	.3	.6	.9	1.8	.9	1.1	2.7	2.2	1.2	.9	.9	.9	.7	.7	.6	.5	24	2.7
30	.4	.7	.6	.7	1.0	1.1	1.2	1.2	1.9	2.7	1.6	1.6	2.7	2.0	1.4	1.5	1.5	1.0	.8	.8	.6	.5	.3	.2	24	2.7
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	29	30	29	30	30	29	30	30	30	30	30	30	30	30		
MAX:	1.2	1.5	2.5	3.1	1.0	1.1	1.2	1.2	3.2	2.7	3.1	3.4	3.5	2.8	2.7	2.6	1.9	1.5	1.4	1.0	.9	1.0	1.1	1.8		
AVG:	.24	.17	.18	.17	.12	.10	.11	.19	.45	.52	.51	.58	.60	.50	.35	.28	.27	.27	.25	.18	.14	.17	.20	.27		

MONTHLY OBSERVATIONS: 717 MONTHLY MEAN: .28 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: 37-067-0022 POC: 1
COUNTY: (067) Forsyth
CITY: (75000) Winston-Salem
SITE ADDRESS: 1300 BLK. HATTIE AVENUE
SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.
MONITOR COMMENTS: ML 8850 ANALYZER/CHANGED TO API 100A 2/96

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

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

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: DECEMBER 2013

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.0	.1	.1	.2	.1	.0	.1	.1	.1	.7	1.4	1.2	.9	.8	.6	1.0	3.1	3.3	2.6	1.9	1.1	.8	.6	.6	24	3.3
2	.2	.1	.0	.1	.2	.3	.3	.4	.5	.6	1.1	.8	1.1	BF	.8	.7	.4	.4	.4	.4	.4	.5	.4	.3	23	1.1
3	.2	.1	.1	.0	.0	.1	.1	.1	.4	.6	1.0	1.0	.6	.2	.2	.3	.3	.2	.1	.0	.7	1.2	.7	.3	24	1.2
4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	-.1	-.1	-.1	-.1	.0	-.1	24	.1
5	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	-.1
6	-.2	-.2	-.2	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.0	-.1	-.1	.0	.1	.0	-.1	.0	.0	.0	-.1	24	.1
7	-.2	-.2	-.2	.0	.0	-.1	.0	.0	.0	.2	.4	.3	.2	.2	.1	.1	.5	.3	.0	.1	.3	.2	.1	.3	24	.5
8	.8	1.1	.7	.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	24	1.1
9	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.1	.0	.1	.0	.0	.3	.1	-.1	-.1	.0	-.1	24	.3
10	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	.2	1.0	.2	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	24	1.0
11	-.1	.0	.0	.0	.0	.0	.0	.0	.4	.4	1.0	.2	1.0	1.2	.8	.5	.4	.3	.3	.1	.0	.0	.1	.0	24	1.2
12	.0	.0	.2	.2	.2	.3	.3	.3	.5	.7	.8	.7	.7	.6	.4	.3	.3	.3	.3	.4	.5	.5	.5	.2	24	.8
13	.3	.2	.2	.1	.0	.0	.1	.3	.6	.5	1.4	1.4	1.6	.8	.4	.5	.5	.5	.6	.5	.4	.5	.5	.6	24	1.6
14	.7	1.0	.9	1.1	.9	.9	.7	.6	.4	.1	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.2	24	1.1
15	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.1	-.1	-.1	24	0.0
16	-.1	-.2	-.2	-.2	-.2	-.2	.8	.7	1.6	2.7	.8	.7	AZ	.0	.0	.2	.4	.4	.8	.7	.3	.2	.1	.0	23	2.7
17	.0	.0	.0	.0	.0	.0	.1	.0	.1	.5	BF	.2	.4	AZ	AZ	AZ	AZ	AZ	.2	.3	.0	.1	.0	.0	18	.5
18	.0	.0	.0	.0	.0	.0	.0	.4	.5	.5	.3	.2	.3	.4	.6	.4	.1	1.5	.6	.6	.5	.4	.0	.2	24	1.5
19	.2	.3	.2	.1	.0	.1	.1	.0	.1	.6	2.0	2.2	.3	.0	.2	.7	1.3	1.6	1.4	1.5	.8	.1	.1	.3	24	2.2
20	.4	.4	.5	.5	.4	.4	.4	.7	1.1	2.0	1.6	1.9	.6	.6	.5	.4	.1	.2	.5	.4	.3	.2	.2	.2	24	2.0
21	.1	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.1	.2	.3	.4	.5	.4	.2	.1	.3	1.8	.6	.3	.7	.4	.4	24	1.8
22	.7	.4	.3	.2	.0	.0	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.1	-.1	24	.7
23	-.1	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	24	-.1
24	.0	.0	-.1	-.1	-.1	-.2	-.2	-.2	.0	.2	.0	.0	.0	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	.0	.1	.6	24	.6
25	.8	.7	.6	.7	.8	.9	1.0	.8	.8	.3	.1	.1	.2	.3	.2	.3	.2	.3	.3	.3	.2	.2	.1	.0	24	1.0
26	.0	.6	.0	.0	.0	.0	.0	.0	.3	.2	.3	.3	.1	.1	.1	.0	.0	.1	.4	.6	.5	.2	.1	.0	24	.6
27	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.4	.3	.2	.2	.1	.1	.1	.2	.4	.6	.5	.4	.4	24	.6
28	.2	.2	.2	.1	.2	.2	.1	.1	.3	.2	.0	.1	1.8	4.2	2.4	2.3	1.9	1.2	1.0	.4	.0	.0	.0	.0	24	4.2
29	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	-.1
30	-.2	-.2	-.2	-.2	-.2	-.2	.0	.1	.0	-.1	-.1	BF	.0	.0	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.1	-.1	-.1	23	.1
31	.0	.0	-.1	-.1	.0	-.1	.0	.0	.0	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.1	.0	24	.1
NO.:	31	31	31	31	31	31	31	31	31	31	30	30	30	29	30	30	30	30	31	31	31	31	31	31		
MAX:	.8	1.1	.9	1.1	.9	.9	1.0	.8	1.6	2.7	2.0	2.2	1.8	4.2	2.4	2.3	3.1	3.3	2.6	1.9	1.1	1.2	.7	.6		
AVG:	.10	.11	.06	.06	.05	.04	.07	.09	.20	.31	.40	.37	.31	.31	.22	.22	.27	.32	.33	.24	.16	.15	.11	.09		

MONTHLY OBSERVATIONS: 735 MONTHLY MEAN: .19 MONTHLY MAX: 4.2

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

(42401) Sulfur dioxide

SITE ID: 37-117-0001 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 Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JANUARY 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.6	-.5	-.6	-.6	-.6	-.4	-.5	-.6	-.7	-.8	-.8	-.8	-.8	-.9	-.9	23	-.4
2	BF	-.7	-.6	-.7	-1.1	-.8	-.8	-.7	-.8	-.5	-.5	-.1	.2	.9	.9	.4	-.4	-.3	-.2	-.1	.1	-.1	-.3	.0	23	.9
3	BF	.2	1.1	1.2	.5	.3	.2	.3	.3	.2	.4	.6	.6	1.0	.8	.7	.5	.4	-.1	-.2	-.4	-.8	-1.0	-.7	23	1.2
4	BF	-.6	-.7	-.7	-.7	-.7	-.6	-.6	-.3	.4	.9	1.3	1.6	1.5	.9	.2	.0	-.2	-.2	-.2	-.3	-.4	-.4	-.3	23	1.6
5	BF	.0	-.2	-.1	-.2	-.1	-.2	-.3	.0	.2	.2	.1	1.2	1.3	.4	-.2	-.6	-.5	-.3	-.4	-.1	2.1	1.0	.0	23	2.1
6	BF	-.1	-.2	-.3	-.3	-.3	-.4	-.5	-.5	-.5	-.5	-.2	-.2	-.3	-.4	-.5	-.5	-.6	-.7	-.6	-.6	-.7	-.7	-.8	23	-.1
7	BF	-.5	-.7	-.6	-.6	-.6	-.7	-.5	-.2	.3	.3	.1	.1	.0	.0	.0	.0	.5	.2	-.3	-.4	-.6	-.7	-.8	23	.5
8	BF	-.5	-.7	-.8	-.7	-.6	-.6	-.7	-.7	.0	-.5	-.6	-.6	-.6	-.6	-.6	-.7	-.6	-.5	-.6	-.6	-.6	-.7	-.8	23	0.0
9	BF	-.6	-.9	-1.0	-.8	-.7	-.8	-.6	-.7	-.6	-.1	-.1	-.4	-.6	-.6	-.7	-.6	-.4	-.6	-.6	-.7	-.7	-.7	-.7	23	-.1
10	BF	-.6	-.8	-.8	-.8	-.7	-.8	-.7	1.4	.9	.1	.0	.0	.1	1.3	1.1	.1	-.3	.0	.2	.0	.0	.0	.0	23	1.4
11	BF	.8	-.1	-.3	-.4	-.5	-.5	-.7	-.7	-.6	-.6	-.6	-.7	-.7	-.7	-.8	-.8	-.8	-.8	-.8	-.8	-.9	-.9	-.9	23	.8
12	BF	-.8	-.9	-.9	-.8	-.9	-.8	-.8	-1.0	-1.2	-.8	-.8	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.5	-.1	-.7	-.8	-.9	23	-.1
13	BF	-.7	-.9	-.8	-.9	-.9	-1.0	-.8	-.8	-.5	-.4	-.6	-.4	-.5	-.7	-.6	-.6	-.7	-.2	-.4	-.7	-.8	-.8	-1.2	23	-.2
14	BF	-.7	-.8	-.9	-.9	-.9	-.8	-.9	-.8	-.7	-.7	-.7	-.7	-.7	-.7	-.8	-.7	-.7	-.7	-.8	-.7	-.8	-.8	-.7	23	-.7
15	BF	-.7	-.8	-.9	-.9	-.9	-.6	-.6	-.7	-.1	-.6	-.9	-.9	-1.0	-1.3	-.8	-.4	-.8	-.9	-.9	-.9	-.8	-.9	-.9	23	-.1
16	BF	-.8	-.9	-.8	-.7	-.9	-.9	-.9	-1.0	-.9	-.9	-.9	-1.0	-1.0	-.8	-.9	-1.0	-.9	-.9	-.9	-.9	-.8	2.7	2.2	23	2.7
17	BF	-.6	-.8	-1.3	-.9	-1.0	-.7	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-1.0	-.9	-.9	-1.0	-.9	-.9	-1.0	-.9	-.9	-.9	23	-.6
18	BF	-.7	-.9	-.9	-.5	.0	.0	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.5	-.5	-.6	-1.0	-.8	-.7	-.8	23	0.0
19	BF	-.5	-.8	-.8	-.8	-.8	-.8	-.8	-.7	-.4	-.2	-.3	-.4	-.5	-.5	-.5	-.6	-.6	-.7	-.7	-.7	-.8	-.7	-.6	23	-.2
20	BF	-.4	-.6	-.3	-.3	-.4	-.4	-.4	-.1	.0	.0	-.2	-.3	-.6	-.4	-.4	-.3	-.3	-.5	-.5	-.6	-.6	-.7	-.8	23	0.0
21	BF	-.6	-.8	-.7	-.8	-.6	-.6	-.4	-.6	-.5	-.4	-.3	-.2	-.3	.1	-.1	-.1	-.1	-.3	.0	-.2	-.2	-.2	-.3	23	.1
22	BF	-.1	-.2	-.3	-.6	-.5	-.3	-.3	-.1	.0	.1	-.1	-.3	-.4	-.3	-.4	-.3	-.2	-.3	-.4	-.3	-.2	.0	-.2	23	.1
23	BF	.0	.7	.6	.6	.5	.3	.2	.5	.5	.4	.2	.3	.3	.2	.2	.2	.3	.2	.0	.0	.0	.1	-.1	23	.7
24	BF	.2	.1	.3	.4	.1	.0	.1	.3	.8	1.1	2.1	1.8	1.7	1.9	1.9	1.5	1.6	1.5	1.6	1.6	1.3	1.2	1.4	23	2.1
25	BF	2.1	1.4	1.0	.7	.2	.6	.5	1.9	2.2	2.0	1.7	1.7	1.5	1.0	.6	.5	.2	.0	.0	-.5	-.5	-.4	-.4	23	2.2
26	BF	-.2	-.4	-.4	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.1	.1	.0	.0	.1	.0	.0	-.2	-.3	-.2	-.1	23	.1
27	BF	.0	-.1	-.3	-.5	-.2	-.4	-.4	.9	2.0	2.1	1.9	1.7	1.6	1.5	1.3	.9	.9	.3	.0	-.3	-.3	-.4	-.2	23	2.1
28	BF	-.3	-.5	-.4	-.4	-.4	-.3	.2	.1	.1	.2	.1	.0	.0	-.1	-.1	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.2	23	.2
29	BF	-.4	-.4	-.2	-.2	-.2	-.2	-.1	-.3	-.3	-.3	-.2	-.1	-.2	-.2	-.1	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.1	23	-.1
30	BF	-.2	-.3	-.5	-.5	-.7	-.7	-.7	-.8	-.7	-.7	-.7	-.7	-.8	-.8	-.8	-.8	-.9	-.8	-.9	-.8	-.8	AV	AV	21	-.2
31	BF	-1.2	-1.0	-1.0	-1.0	-1.0	-.9	-1.0	-.9	-.9	BA	-.8	-.8	-.8	-.8	-.8	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	22	-.8
NO.:		31	31	31	31	31	31	31	31	31	30	31	31	31	31	31	31	31	31	31	31	31	30	30		
MAX:		2.1	1.4	1.2	.7	.5	.6	.5	1.9	2.2	2.1	2.1	1.8	1.7	1.9	1.9	1.5	1.6	1.5	1.6	1.6	2.1	2.7	2.2		
AVG:		-.31	-.42	-.45	-.48	-.49	-.47	-.45	-.26	-.09	-.05	-.07	-.05	-.06	-.08	-.17	-.29	-.31	-.36	-.38	-.44	-.42	-.34	-.39		

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: -.30 MONTHLY MAX: 2.7

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

(42401) Sulfur dioxide

SITE ID: 37-117-0001 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 Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: FEBRUARY 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BD	-.6	-.8	-.8	-.8	-.7	-.7	-.5	-.4	-.2	-.2	-.6	-.5	-.5	-.3	-.3	-.4	-.5	-.9	-.7	-.4	-.1	.0	-.1	23	0.0
2	BD	-.1	-.3	-.2	.0	.0	-.3	-.4	.4	4.2	1.8	1.7	.7	-.3	-.5	-.5	-.4	-.3	-.3	-.3	-.5	-.6	-.6	-.6	23	4.2
3	BD	-.3	-.4	-.5	-.5	-.6	-.7	-.8	-.7	-.5	-.2	-.2	-.2	-.3	-.5	-.2	-.2	-.4	-.4	-.3	-.4	-.4	-.4	-.4	23	-.2
4	BD	-.3	-.4	-.1	-.4	-.5	-.3	-.2	.1	.0	.1	.1	.0	-.1	-.2	-.2	-.3	-.2	-.4	-.4	-.4	-.4	-.3	-.2	23	.1
5	BD	.0	.1	.1	.3	.5	.5	.3	-.3	-.1	.0	.0	-.1	-.3	-.1	.2	.1	.1	.0	-.2	-.4	-.5	-.6	-.6	23	.5
6	BD	-.4	-.7	-.7	-.7	-.7	-.5	-.6	-.5	-.2	-.2	.0	-.1	-.2	-.1	-.2	-.2	.8	.0	.5	.4	.3	.3	2.4	23	2.4
7	BD	-.1	.2	-.3	.0	-.3	-.3	-.2	.2	.8	2.0	1.8	.8	1.1	1.1	.3	.6	.8	.6	-.4	-.4	-.2	.7	-.1	23	2.0
8	BD	-.2	-.7	-.8	-.8	-.8	-.9	-.8	-.8	-.9	-.8	-.7	-.7	-.7	-.7	-.8	-.7	-.6	-1.0	-.8	-.7	-.6	-.4	-.2	23	-.2
9	BD	.2	-.1	-.2	-.2	-.3	-.5	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.5	-.6	-.6	-.6	-.6	-.7	-.8	23	.2
10	BD	-.5	-.5	-.3	-.4	-.6	-.6	-.7	-.2	1.8	.4	-.4	-.5	-.9	-.6	-.6	-.6	-.6	-.5	-.6	-.6	-.7	-.7	-.6	23	1.8
11	BD	-.5	-.7	-.5	.1	1.9	.2	.1	-.4	-.6	-.6	-.7	-.6	-.7	-.8	-.7	-.8	-.8	-.7	-.8	-.8	-.8	-.8	-.7	23	1.9
12	BD	-.6	-.7	-.7	-1.0	-.8	-.7	-.5	-.4	-.2	-.2	-.1	.0	-.4	-.3	-.1	-.1	-.3	-.3	-.4	-.6	-.5	-.6	-.7	23	0.0
13	BD	-.5	-.6	-.8	-.7	-.8	-.8	-.8	-.8	-.8	-.7	-.8	-.8	-.8	-.8	-.8	-.9	-1.1	-1.0	-.9	-.9	-.8	-.8	-.8	23	-.5
14	BD	-.5	-.5	-.5	-.6	-.6	-.7	-.6	-.4	.1	.3	.8	1.4	.8	.5	.5	.5	.2	-.3	-.5	-.6	-.4	-.3	-.5	23	1.4
15	BD	-.6	-.8	-.7	-.8	-.6	-.7	-.7	-.6	-.7	-.6	-.4	-.4	-.4	-.4	-.4	-.4	-.4	.1	-.1	-.5	-.6	-.5	-.6	23	.1
16	BD	-.6	-.7	-.7	-.6	-.2	-.3	-.3	-.2	-.3	-.2	.0	.7	.8	.0	-.3	-.6	-.7	-.7	-.7	-.7	-.6	-.6	-.5	23	.8
17	BD	.3	-.3	-.2	.2	-.3	-.4	-.1	-.1	-.2	-.1	-.2	-.2	-.4	-.7	-.6	-.6	-.5	-.4	-.3	-.3	-.4	-.4	-.3	23	.3
18	BD	.3	-.1	-.2	-.2	-.5	-.6	-.5	-.2	.0	.3	.5	.5	.4	.1	-.1	.0	.0	-.1	.0	.3	.1	-.4	-.4	23	.5
19	BD	-.2	-.4	-.4	-.6	-.5	-.2	-.4	2.7	1.3	-.5	-.5	-.3	-.4	-.5	-.4	-.7	-.7	-.6	-.8	-.7	-.7	-.8	-.7	23	2.7
20	BD	-.5	-.6	-.5	-.5	-.4	-.5	-.4	-.2	-.2	.0	-.1	-.2	-.3	-.6	-.7	-.5	-.5	-.5	-.6	-.7	-.6	-.5	-.3	23	0.0
21	BD	.0	-.2	-.3	-.3	.0	.0	-.1	.7	1.0	.5	.4	.2	.2	.1	.0	-.1	.1	.1	.1	.1	.4	.2	.1	23	1.0
22	BD	1.9	1.4	1.2	1.2	1.3	.8	1.7	1.4	.5	.5	.0	-.1	-.2	-.4	-.3	-.2	-.5	-.5	-.6	-.4	-.5	-.4	-.5	23	1.9
23	BD	-.4	-.7	-.7	-.7	-.7	-.7	-.8	-.7	-.6	-.8	-.8	-.8	-.8	-.8	-.7	-.8	-.7	-.6	-.5	-.6	-.7	-.7	-.7	23	-.4
24	BD	-.5	-.8	-1.1	-.8	-.7	-.7	-.7	-.5	-.6	-.7	-.6	-.3	-.4	-.4	-.3	-.2	-.3	-.4	-.5	-.7	-.8	-.8	-.7	23	-.2
25	BD	-.3	-.2	-.4	-.3	-.1	.0	-.1	.0	.2	.4	.3	.3	.1	.0	-.1	.0	.0	-.2	-.6	-.4	.1	-.3	-.4	23	.4
26	BD	-.2	-.4	-.5	-.5	-.3	-.3	-.4	.0	-.5	BA	-.7	-.7	-.7	-.7	-.8	-.8	-.8	-.8	-.8	-.8	-.7	-.8	-.8	22	0.0
27	BD	-.6	-.8	-.7	-.8	-.7	-.7	-.8	-.8	-.7	-.6	-.6	-.9	-.7	-.6	-.7	-.7	-.7	-.8	-.7	-.7	-.8	-.8	-.7	23	-.6
28	BD	-.6	-.7	-.8	-.8	-.9	-.8	-.8	-.8	-.6	AZ	AZ	AZ	AZ	.4	.9	.5	.4	.2	.2	.3	.3	.4	.4	19	.9
29																									0	
30																									0	
31																									0	
NO.:		28	28	28	28	28	28	28	28	28	26	27	27	27	28	28	28	28	28	28	28	28	28	28		
MAX:		1.9	1.4	1.2	1.2	1.9	.8	1.7	2.7	4.2	2.0	1.8	1.4	1.1	1.1	.9	.6	.8	.6	.5	.4	.4	.7	2.4		
AVG:		-.23	-.41	-.44	-.40	-.32	-.41	-.38	-.14	.06	-.02	-.08	-.12	-.24	-.29	-.30	-.31	-.31	-.39	-.44	-.45	-.42	-.41	-.36		

MONTHLY OBSERVATIONS: 639 MONTHLY MEAN: -.30 MONTHLY MAX: 4.2

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

(42401) Sulfur dioxide

SITE ID: 37-117-0001 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
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LOCATION SETTING: RURAL

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LONGITUDE: -76.906249
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 14
PROBE HEIGHT: 5

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

REPORT FOR: MARCH 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BD	.5	.6	.9	1.4	1.6	1.4	1.7	2.2	1.8	1.0	.7	.6	.7	.7	.7	.6	.7	.7	.7	.7	.8	.8	.7	23	2.2
2	BD	.6	.6	.7	.9	.7	.7	.8	.9	1.0	1.0	.8	.8	.6	.5	.6	.7	.9	.8	.7	.8	.8	.8	.7	23	1.0
3	BD	.8	.9	.9	.9	.7	.6	.6	1.0	1.3	1.2	1.0	1.0	.9	.9	.9	.8	.9	.9	.8	.6	.7	.6	.5	23	1.3
4	BF	.7	.6	.7	.7	.7	.7	.7	.7	.7	.8	.6	.5	.6	.5	.6	.5	.5	.5	.7	.7	.9	.7	.6	23	.9
5	BF	.7	.7	.6	.6	.4	.6	.5	.8	1.1	1.3	1.2	1.4	1.4	1.5	1.2	1.0	1.0	1.0	1.0	.9	.9	.7	.5	23	1.5
6	BF	.5	.3	.3	.3	.3	.3	.3	.5	.6	.9	.8	.7	.6	.4	.3	.3	.4	.2	.3	.3	.3	.4	.3	23	.9
7	BF	.5	.5	.5	.6	.7	.8	1.0	.9	.8	BC	BC	BC	BC	BC	1.0	.7	.6	.6	.4	.3	.3	.6	.8	18	1.0
8	BF	.9	.8	.8	.7	.6	.7	.9	1.3	.7	.5	.5	.5	.2	.2	.2	.3	.3	.5	.5	.7	1.0	1.0	1.2	23	1.3
9	BF	1.3	1.2	1.3	1.1	1.2	1.2	1.1	1.0	.8	.6	.5	.4	.3	.3	.3	.3	.4	.3	.2	.2	.2	.1	.1	23	1.3
10	BF	.2	.1	.0	.0	.0	.1	.1	.6	.4	1.1	.4	.8	.6	.6	.6	.8	1.3	.8	.1	.1	.1	.1	.0	23	1.3
11	BF	.2	.0	.1	.0	.0	.0	.1	.0	.1	.1	.1	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	-.1	23	.2
12	BF	.1	.0	.1	.3	.0	.1	.0	.0	-.1	-.1	-.1	-.1	.0	.0	-.1	-.1	-.1	.0	.1	.1	.1	.2	.1	23	.3
13	BF	.3	.3	.5	.6	.7	.7	BA	.9	.7	.5	.5	.5	.4	.4	.1	.2	.1	.2	.3	.4	.3	.2	.2	22	.9
14	BF	.8	.7	.5	.6	.8	1.0	1.0	.6	.3	.3	.3	.3	.3	.3	.3	.4	.3	.3	.3	.3	.1	.1	.0	23	1.0
15	BF	.5	.3	.3	.2	.2	.2	.4	1.0	1.7	BA	BA	1.0	.6	.5	.4	.5	.5	.5	.4	.4	.6	.7	.6	21	1.7
16	BF	1.0	.7	.6	.7	.7	.7	.7	.9	.9	.7	.8	.8	.8	.8	.8	.8	.8	.7	.6	.5	.3	.2	.1	23	1.0
17	BF	.2	.1	.9	.8	.2	.2	.4	.5	.2	.2	.0	-.1	.0	.0	.0	.2	.1	.1	.1	.1	.2	.5	.1	23	.9
18	BF	.1	.1	.0	.0	.0	.0	.0	.0	BA	.0	-.1	.2	.2	.0	-.1	.0	-.1	.0	.0	-.1	.0	-.1	-.1	22	.2
19	BF	.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.1	.3	.3	.4	.4	.5	.1	.1	.1	.2	.1	.1	.2	23	.5
20	BF	.4	.3	.3	.4	.5	.4	.5	.7	.7	.5	.4	.3	.2	.2	.1	.3	.2	.1	.4	.4	.4	.1	.1	23	.7
21	BF	.2	.0	.0	.1	.1	.2	.4	1.0	1.2	1.3	1.7	1.6	1.0	.9	.7	.5	.5	.6	.5	.6	1.1	1.3	1.2	23	1.7
22	BF	1.3	1.0	.9	.8	.8	.8	.8	.7	.6	.5	.4	.4	.5	.5	.6	.7	.7	.6	.5	.4	.2	.1	.1	23	1.3
23	BF	.4	.2	.2	.2	.1	.3	.3	.6	1.2	1.5	1.2	1.2	1.1	1.2	1.2	1.0	1.1	.9	.6	.4	.3	.3	.2	23	1.5
24	BF	.3	.2	.1	.1	.1	.3	.6	.4	.7	.7	.4	.4	.6	.6	.4	.2	.0	.0	.4	.2	.1	.0	.0	23	.7
25	BF	.2	.0	.0	.0	.0	.0	.0	.1	-.1	.1	.1	.1	.1	.2	.3	.4	.4	.4	.3	.3	.3	.3	.5	23	.5
26	BF	.5	.3	.3	.2	.3	.3	.5	.8	.9	1.1	1.2	1.2	1.4	1.5	1.5	1.5	1.5	1.3	1.0	.8	.7	.5	.5	23	1.5
27	BF	.5	.4	.5	.4	.3	.4	.4	.3	.2	.3	.4	.3	.3	.3	.3	.3	.3	.2	.3	.2	.2	.3	.3	23	.5
28	BF	.6	.5	.4	.4	.5	.6	.6	.5	.4	.3	.2	.2	.2	.1	.2	.1	.2	.2	.2	.1	.1	.2	.2	23	.6
29	BF	.3	.4	.2	.2	.2	.3	.3	.3	.5	.3	.2	.2	.3	.2	.2	.3	.3	.4	.3	.2	.1	.3	.3	23	.5
30	BF	.7	.3	.2	.2	.2	.2	.3	.6	.7	.6	.7	.7	.6	.6	.6	.6	.5	.6	.9	.6	.6	.5	.4	23	.9
31	BF	.4	.3	.3	.3	.4	.5	.3	.3	.3	.8	1.4	.6	.4	.2	.2	.2	.2	.2	.1	.3	.2	.0	.1	23	1.4
NO.:		31	31	31	31	31	31	30	31	30	29	29	30	30	30	31	31	31	31	31	31	31	31	31		
MAX:		1.3	1.2	1.3	1.4	1.6	1.4	1.7	2.2	1.8	1.5	1.7	1.6	1.4	1.5	1.5	1.5	1.5	1.3	1.0	.9	1.1	1.3	1.2		
AVG:		.51	.40	.42	.44	.42	.46	.51	.65	.68	.62	.57	.56	.51	.49	.47	.47	.47	.44	.41	.38	.39	.37	.34		

MONTHLY OBSERVATIONS: 704 MONTHLY MEAN: .48 MONTHLY MAX: 2.2

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

(42401) Sulfur dioxide

SITE ID: 37-117-0001 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 Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: APRIL 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BD	.2	.0	.0	.0	-.1	.0	.0	.1	.2	.2	.1	.2	.2	.1	.0	.2	.1	.1	.1	.1	.1	.1	.2	23	.2
2	BD	.4	.2	.1	.3	.2	.2	.1	.5	.6	.6	.5	.5	.6	.7	.7	.7	.8	.8	.5	.5	.4	.2	.1	23	.8
3	BD	.3	.4	.7	.9	1.1	1.5	1.2	.9	1.2	1.4	1.1	1.0	1.1	1.1	1.1	1.1	1.0	1.0	.7	.5	.6	.4	.4	23	1.5
4	BD	.6	.5	.7	.7	.7	.8	1.0	.8	.8	.7	.8	.7	1.0	1.0	.6	.5	.2	.2	.2	.3	.2	.2	.1	23	1.0
5	BD	.2	.1	.0	.1	.0	.1	.1	.1	.0	.0	.1	.1	.0	.1	.2	.2	.3	.3	.2	.1	.1	.1	.1	23	.3
6	BD	.2	.1	.0	.1	.4	.7	.7	1.0	.5	.4	.4	.4	.6	.6	.3	.4	.3	.2	.1	.2	.2	.3	.2	23	1.0
7	BD	.3	.1	.1	.0	.0	.1	.1	.1	.1	.2	.3	.5	.8	.7	.6	.5	.3	.2	.2	.1	.0	.1	.1	23	.8
8	BD	.2	.1	.1	.0	.1	.1	.2	.2	.2	.1	.1	.2	.2	.1	.2	.1	.2	.2	.1	.1	.2	.2	.5	23	.5
9	BD	.9	.8	.7	.6	.4	.3	.4	.3	.3	.2	.3	.3	.4	.4	.3	.2	.3	.2	.3	.3	.2	.5	.8	23	.9
10	BD	.8	1.1	.8	.4	.2	.2	.2	.2	.4	.4	.3	.4	.5	.5	.3	.3	.4	.3	.5	.3	.7	1.2	2.3	23	2.3
11	BD	1.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	-.1	.1	.1	.1	-.1	.0	.2	.1	23	1.0
12	BD	.1	.0	.0	-.1	.0	.0	-.1	-.2	-.1	-.1	-.1	BD	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	-.1	22	.1
13	BD	.1	.0	.0	.0	.2	.8	1.0	1.0	.7	.7	.7	.6	.6	.5	.4	.3	.3	.3	.2	.2	.2	.1	.3	23	1.0
14	BD	.2	.0	-.1	-.1	-.1	.0	-.1	.2	.5	.3	.2	.2	.1	.2	.2	.3	.4	.2	.2	.2	.2	.2	.2	23	.5
15	BD	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.1	.1	.0	.0	.0	.1	.0	.0	23	.4
16	BD	.1	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	.0	.0	.0	-.1	-.1	-.1	23	.1
17	BD	.1	-.1	-.1	-.1	.0	-.1	.0	.1	.3	.4	.2	.3	.3	.3	.1	.1	.1	.0	.0	.0	.0	.4	.3	23	.4
18	BD	.1	.0	.0	-.1	.0	-.1	.0	.0	.0	-.1	.0	-.1	.0	.0	.0	.0	.0	-.1	.0	.2	1.0	.0	.0	23	1.0
19	BD	.5	.5	.3	.5	.1	-.1	-.1	-.1	.0	.0	.0	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	23	.5
20	BD	.0	-.1	-.1	-.1	-.1	.0	-.1	.1	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	.0	.0	.0	23	.1
21	BD	.1	.0	-.1	.0	.0	.0	.1	.3	.4	.5	.4	.4	.5	.5	.6	.5	.3	.2	.2	.1	.1	.1	.0	23	.6
22	BD	.3	.1	.1	.4	.4	.3	.2	.1	.1	.1	.0	.1	.7	.3	.2	.3	.0	.0	.3	.2	.1	.0	.2	23	.7
23	BD	.6	.6	.1	.0	.0	-.1	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.6
24	BD	.1	-.1	-.1	-.1	-.1	.0	.0	.1	.2	.1	.1	.1	.2	.2	.3	.3	.1	.1	.2	.2	.2	.1	.2	23	.3
25	BD	.3	.2	.2	.2	.2	.1	.1	.4	.3	.2	.5	1.2	.7	.4	.4	.5	.7	.5	.5	.4	.3	.2	.1	23	1.2
26	BD	.2	.0	.0	.0	.0	.0	.0	.2	.1	.2	.4	.5	.5	.5	.5	.3	.3	.3	.3	.3	.4	.2	.1	23	.5
27	BD	.1	.1	.0	.1	.0	.1	.4	.4	.3	.5	.5	.7	.6	.6	.7	.9	.9	.5	.5	.4	.4	.3	.3	23	.9
28	BD	.3	.1	.1	.1	.0	.1	.4	.4	.3	.2	.3	.3	.3	.2	.1	.1	.2	.2	.1	.0	.1	.0	.1	23	.4
29	BD	.1	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	-.1	-.1	-.1	23	.2
30	BD	.0	.0	.0	.0	-.1	.0	.0	.1	.1	.1	-.1	.0	-.1	-.1	.0	.0	-.1	.0	-.1	.0	.0	-.1	-.1	23	.1
31																									0	
NO.:		30	30	30	30	30	30	30	30	30	30	30	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:		1.0	1.1	.8	.9	1.1	1.5	1.2	1.0	1.2	1.4	1.1	1.2	1.1	1.1	1.1	1.1	1.0	1.0	.7	.5	1.0	1.2	2.3		
AVG:		.29	.17	.12	.13	.11	.17	.20	.25	.25	.24	.23	.29	.32	.30	.26	.25	.24	.18	.17	.15	.18	.15	.20		

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .21 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 Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MAY 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	BF	.0	-.1	-.1	.0	-.1	.0	-.1	-.1	.0	.0	.0	-.1	.0	.1	.5	.2	-.1	.0	-.1	-.1	-.1	.0	22	.5
2	BF	BF	-.1	.0	-.1	.0	.0	.0	.0	.1	.1	.1	.0	.1	.1	.1	.4	.7	.1	.0	.1	.0	.0	.1	22	.7
3	BF	BF	.0	-.1	.0	.0	.0	.0	.1	.3	.4	.4	.4	.4	.5	.3	.3	.4	.2	.0	.0	.0	.0	.0	22	.5
4	BF	BF	.0	.0	.0	.0	.0	-.1	.0	.0	-.1	-.1	.0	-.1	.0	.0	.0	.2	2.4	.1	.1	.0	.0	.1	22	2.4
5	BF	BF	.0	.0	.0	.1	.0	.0	.2	.5	1.0	.6	.1	.1	.4	.6	.6	.9	.3	.2	.3	.2	.1	.0	22	1.0
6	BF	BF	.0	.2	.3	.0	.2	.0	.0	.0	.0	.0	-.1	-.1	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	22	.3
7	BF	BF	.0	-.1	.0	-.1	-.1	.2	.7	.4	.5	.1	.1	.1	.1	.0	.1	.0	.1	-.1	.0	.1	-.1	-.1	22	.7
8	BF	BF	.0	.0	-.1	-.1	.0	.0	.0	.1	.2	.1	.0	.0	.1	.1	.4	.3	.2	.2	.2	.2	.3	.1	22	.4
9	BF	BF	-.1	-.1	.0	-.1	-.1	.0	.0	.0	.0	.1	.2	.2	.1	.0	.1	.1	.1	.0	-.1	-.1	.0	.0	22	.2
10	BF	BF	.0	-.1	-.1	.0	.0	.1	.1	.2	.1	.1	.1	.1	.1	.1	.3	.3	.4	.4	.5	.3	.4	.4	22	.5
11	BF	BF	.7	.5	.3	.4	.5	.3	.2	.2	.2	.0	-.1	.0	.0	.0	.2	.2	.3	.2	.3	.7	.9	.7	22	.9
12	BF	BF	.3	.1	.0	-.1	.0	.1	.1	-.1	.0	.0	-.1	.0	.0	-.1	.0	.0	.0	.1	.2	.1	.1	.1	22	.3
13	BF	BF	.4	.5	.2	.1	.2	.1	.2	.5	.8	.2	BA	BA	.2	.1	.1	.1	.1	.0	.0	.1	.0	.1	20	.8
14	BF	BF	.0	.1	.1	.1	.1	.4	.7	.3	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.1	.2	.4	.3	22	.7
15	BF	BF	.3	.3	.4	.4	.5	.6	.7	.7	.6	.6	.7	.6	.6	.6	.6	.6	.5	.5	.7	1.0	1.3	.9	22	1.3
16	BF	BF	.3	.3	.2	.3	.4	.4	.5	.6	.5	.5	.4	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.2	22	.6
17	BF	BF	.2	.2	.1	.1	.1	.2	.2	.7	2.3	2.2	1.8	1.1	.8	.6	.8	1.8	.2	.2	.4	.5	.3	.2	22	2.3
18	BF	BF	.1	.0	.1	.0	.1	.2	.6	.7	.2	.1	.1	.0	.1	.1	.1	.0	.0	.0	.1	.0	.0	.0	22	.7
19	BF	BF	.0	.0	.0	.0	.0	.1	.1	.2	.2	.1	-.1	.0	.1	.3	.4	.0	.0	.0	.0	.0	.1	1.7	22	1.7
20	BF	BF	.1	.0	-.1	-.1	-.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	-.1	.0	-.1	.0	22	.1
21	BF	BF	.0	.0	-.1	.0	-.1	.0	-.1	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	.0	.0	.0	.1	.1	22	.1
22	BF	BF	.7	.0	.0	.0	.1	.1	.4	.2	.1	.0	-.1	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	22	.7
23	BF	BF	-.1	-.1	-.1	.0	.1	.0	.0	-.1	.1	.2	.0	.0	.0	-.1	.1	.3	.0	-.1	-.1	-.1	-.2	.0	22	.3
24	BF	BF	-.1	-.1	-.1	-.1	.0	.0	.2	.2	.3	.2	.0	-.1	.0	.1	.1	-.1	-.1	-.1	.0	.0	-.1	.0	22	.3
25	BF	BF	.1	.2	.1	.1	.2	.2	.1	.2	.3	.3	.3	.3	.2	.2	.1	.2	.2	.0	.0	-.1	.0	.0	22	.3
26	BF	BF	.0	.0	.0	.0	.0	.4	.7	1.0	.9	.8	.6	.5	.5	.4	.3	.3	.2	.0	.0	.0	.0	.0	22	1.0
27	BF	BF	.1	.0	.0	.1	.1	.1	.5	.4	.4	1.0	1.0	.6	1.2	1.2	.7	.4	.2	.2	.2	.1	.1	.2	22	1.2
28	BF	BF	.0	.0	.0	.0	.0	.1	.5	.6	.3	.4	.3	.3	.3	.2	.1	.1	.2	.1	.1	.1	.1	.1	22	.6
29	BF	BF	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	22	.1
30	BF	BF	.0	.0	.0	.1	-.1	.1	.2	.2	.0	.1	.1	.1	.0	.1	.1	.0	.1	.2	.1	.1	.1	.1	22	.2
31	BF	BF	.0	.0	.1	.1	.0	.0	.1	.1	.0	.1	.1	.1	.1	.1	.2	.2	.2	.1	.1	.1	.0	.0	22	.2
NO.:			31	31	31	31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31	31		
MAX:			.7	.5	.4	.4	.5	.6	.7	1.0	2.3	2.2	1.8	1.1	1.2	1.2	.8	1.8	2.4	.5	.7	1.0	1.3	1.7		
AVG:			.09	.05	.04	.04	.06	.12	.22	.27	.31	.27	.20	.15	.19	.18	.23	.24	.19	.07	.10	.11	.12	.16		

MONTHLY OBSERVATIONS: 680 MONTHLY MEAN: .16 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: 37-117-0001 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 Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JUNE 2013

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	.0	.1	.1	.0	.0	.2	.8	.3	.2	.3	.1	.0	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	23	.8
2	BF	.2	.2	.1	.1	.0	.1	.1	.1	.0	.1	.0	.1	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	23	.2
3	BF	.2	.0	.1	.1	.1	.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	23	.2
4	BF	.2	.1	.0	.1	.1	.1	.5	1.1	.9	1.0	1.1	1.0	1.2	.6	.6	1.1	1.3	1.2	.1	.1	.1	.1	.0	23	1.3
5	BF	.1	.0	-.1	.0	.0	.1	.2	.3	.8	1.0	.4	.5	.5	.5	.3	.2	.1	.1	.1	.1	.1	.0	.1	23	1.0
6	BF	.1	.0	-.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	-.1	.0	.1	.0	-.1	23	.1
7	BF	.0	.0	-.1	-.1	.0	-.1	.0	.0	.0	.0	BA	BA	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	.0	.0	.0	21	0.0
8	BF	.0	.0	-.1	.0	-.1	-.1	.0	.2	.1	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	-.1	-.1	23	.2
9	BF	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.4	.7	.0	.1	.0	-.1	-.1	23	.7
10	BF	.1	.0	.0	.0	.0	.0	-.1	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	.0	23	.1
11	BF	.1	.0	-.1	-.1	.0	.0	-.1	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	23	.1
12	BF	.1	.0	-.1	-.1	.0	.0	.1	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	23	.2
13	BF	.1	.1	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.0	-.1	-.1	-.1	.0	.0	23	.2
14	BF	.1	.0	-.1	-.1	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	23	.1
15	BF	.2	.0	.0	.0	.0	.0	.2	.2	.2	.2	.4	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.4
16	BF	.2	.2	.1	.1	.1	.1	.1	.2	.4	.4	.3	.2	.2	.2	.1	.1	.1	.0	.1	.2	.3	.8	.7	23	.8
17	BF	.5	.3	.2	.2	.3	.2	.2	.1	.1	.3	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	23	.5
18	BF	.3	.3	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	-.1	.0	.1	.1	.0	.1	.1	.0	-.1	.0	-.1	23	.3
19	BF	.1	.0	-.1	.0	.2	.1	.0	.4	.5	.1	.1	.5	.1	.1	.0	.4	.0	.5	.3	.2	.1	.1	.1	23	.5
20	BF	.2	.1	.0	.0	.0	.0	.1	.7	.3	.0	.1	.2	.1	.2	.1	.3	.3	1.1	.2	.1	.0	.0	.0	23	1.1
21	BF	.1	.0	-.1	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.1	.0	1.5	1.1	.1	.0	1.3	.2	.2	23	1.5
22	BF	.2	.3	.4	1.0	.2	.1	.0	.2	.0	.1	.2	.1	.0	.0	.0	.0	-.1	.0	-.1	.0	-.1	.0	.2	23	1.0
23	BF	.2	.0	.0	.0	-.1	-.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0	-.1	-.1	-.1	-.1	.0	23	.3
24	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.3	.5	.2	.0	.0	.0	.0	23	.5
25	BF	.2	.1	.0	.0	.0	.0	.4	.4	.2	.1	.2	.2	.1	.2	.1	.1	.0	-.1	.0	-.1	-.1	.0	-.1	23	.4
26	BF	.3	.1	.1	.0	.0	.1	.6	.2	.1	.1	.1	.1	.2	.1	.2	-.1	.0	.0	-.1	-.1	-.1	.0	-.1	23	.6
27	BF	.2	.0	.0	.0	-.1	.0	.1	.3	AZ	AZ	AZ	AZ	.6	.1	.0	.0	-.1	-.1	.0	-.1	-.1	.0	.1	19	.6
28	BF	.3	.1	-.1	-.1	-.1	.0	.0	.0	-.1	BA	BA	.0	.0	.0	-.1	-.1	-.1	.0	.0	-.1	-.1	-.1	-.1	21	.3
29	BF	.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	-.1	.0	-.1	-.1	-.1	-.1	.0	.0	.0	.0	23	.1
30	BF	.1	-.1	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	.1	-.1	-.1	-.1	.0	.0	-.1	.0	-.1	-.1	.0	-.1	-.1	23	.1
31																									0	
NO.:		30	30	30	30	30	30	30	30	29	28	27	28	30	30	30	30	30	30	30	30	30	30	30		
MAX:		.5	.3	.4	1.0	.3	.2	.6	1.1	.9	1.0	1.1	1.0	1.2	.6	.6	1.1	1.5	1.2	.3	.2	1.3	.8	.7		
AVG:		.17	.06	0.00	.04	.02	.02	.09	.18	.13	.13	.14	.12	.11	.08	.07	.09	.13	.17	.02	0.00	.04	.02	.03		

MONTHLY OBSERVATIONS: 682 MONTHLY MEAN: .08 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: 37-117-0001 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 Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JULY 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	.2	.2	.0	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.2	23	.2
2	BF	.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	.0	-.1	.0	-.1	-.1	.0	-.1	.0	.0	.2	23	.2
3	BF	.4	.3	.3	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	23	.4
4	BF	.6	.2	.2	.2	.1	.1	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	23	.6
5	BF	.2	.0	.0	.0	.0	.1	.0	-.1	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	-.1	-.1	.0	23	.2
6	BF	.3	.0	-.1	.0	.0	.0	.6	1.6	.4	.1	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	23	1.6
7	BF	.2	.0	.1	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.1	.1	.0	23	.2
8	BF	.3	.2	.2	.2	.1	.1	.2	.2	.1	.1	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	23	.3
9	BF	.2	.1	.1	.0	-.1	.0	.0	.0	.1	.1	.1	.0	.0	.1	.0	.1	-.1	.0	.0	.0	.0	.0	.0	23	.2
10	BF	.2	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.0	.0	.1	.1	.1	.1	.0	.1	.1	.0	23	.2
11	BF	.2	.1	.0	.1	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	-.1	.0	.0	-.1	-.1	.0	.0	-.1	.0	23	.2
12	BF	.2	.0	-.1	.0	.0	.0	-.1	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.1	.0	.0	-.1	.0	.0	23	.2
13	BF	.2	.1	.0	.0	.0	.1	.0	.0	.1	.3	.1	.0	.1	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	23	.3
14	BF	.2	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.7	.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	23	.9
15	BF	.2	.0	.0	.0	.0	.0	.1	.1	.1	.5	.2	.1	.0	.2	.5	.6	.6	.3	.0	.1	.0	.0	.0	23	.6
16	BF	.3	.1	.1	.0	.0	.1	.2	.3	1.0	.9	.4	.3	.3	.3	.2	.1	.1	.1	AV	.0	.1	.0	.1	22	1.0
17	BF	.4	.2	.0	.1	.0	.0	.1	.3	.2	.4	.2	.5	.9	.4	.2	.1	.2	.1	.0	.1	.0	.1	.0	23	.9
18	BF	.4	.1	.1	.0	.1	.0	.0	.1	.1	.2	.4	.4	.3	.2	.2	.2	.1	.1	.1	.1	.0	.1	.1	23	.4
19	BF	.4	.1	.1	.1	.1	.1	.2	.1	.1	.2	.3	.3	.3	.2	.1	.1	.1	.1	.2	.0	.1	.2	.9	23	.9
20	BF	1.0	.4	.3	.1	.1	.1	.1	.0	.0	.1	.1	.0	.0	.0	.1	.0	.1	.2	.2	.1	.4	.3	.1	23	1.0
21	BF	.3	.1	.0	.0	.1	.0	.1	.0	.0	.0	.0	-.1	.0	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	23	.3
22	BF	.4	.1	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	-.1	.0	.0	-.1	-.1	.0	.1	.1	.1	.2	23	.4
23	BF	.4	.2	.2	.2	.2	.2	.2	.1	.2	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.4
24	BF	.5	.2	.1	.1	.1	.2	.1	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.1	.1	.2	.2	.0	.1	23	.5
25	BF	.4	.2	.1	.1	.2	.5	.6	.2	BA	BA	.1	.2	.3	.2	.1	.1	.1	.1	.2	.1	.0	.1	.1	21	.6
26	BF	.2	.2	.2	.1	.2	.1	.2	.4	.3	.3	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.3	23	.4
27	BF	.4	.2	.2	.1	.1	.1	.3	.4	.3	.2	.2	.2	.2	.3	.7	.7	.9	.3	.2	.2	.2	.1	.2	23	.9
28	BF	.3	.2	.2	.1	.1	.1	.2	.2	.2	.2	.1	.1	.1	.2	.1	.2	.1	.1	.1	.2	.1	.1	.2	23	.3
29	BF	.4	.2	.1	.1	.2	.1	.1	.2	.2	.2	.1	.1	.2	.2	.2	.2	.3	.3	.2	.1	.1	.2	.2	23	.4
30	BF	.4	.2	.2	.2	.2	.2	.2	.4	.4	.4	.4	.4	.4	.5	.5	.6	.4	.3	.2	.2	.2	.2	.2	23	.6
31	BF	.3	.3	.2	.2	.2	.3	.2	.4	.3	.3	.3	.3	.4	.3	.4	.4	.3	.3	.3	.2	.2	.2	.2	23	.4
NO.:		31	31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	30	31	31	31	31		
MAX:		1.0	.4	.3	.2	.2	.5	.6	1.6	1.0	.9	.4	.5	.9	.9	.7	.7	.9	.3	.3	.2	.4	.3	.9		
AVG:		.33	.14	.09	.07	.07	.08	.13	.18	.15	.16	.12	.12	.16	.15	.13	.12	.12	.08	.07	.06	.06	.06	.10		

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: .12 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: 37-117-0001 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 Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: AUGUST 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	.4	.2	.4	.3	.3	.2	.2	.5	.6	.3	.2	.2	.1	.1	.1	.1	.2	.1	.1	.1	.1	.2	.1	23	.6
2	BF	.4	.2	.1	.2	.2	.2	.2	.4	.4	.3	.3	.3	.1	.2	.2	.2	.5	.4	.2	.2	.2	.2	.2	23	.5
3	BF	.4	.2	.2	.2	.2	.2	.2	.2	.3	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.1	.1	.2	23	.4
4	BF	.5	.3	.3	.3	.3	.2	.2	.4	.3	.4	.3	.6	.8	.7	.6	.4	.4	.4	.3	.3	.3	.3	.3	23	.8
5	BF	.5	.4	.3	.3	.3	.3	.4	1.6	2.8	1.4	1.0	.8	.8	.8	.6	.6	.5	.4	.3	.4	.3	.3	.3	23	2.8
6	BF	.4	.3	.3	.3	.3	.3	.3	.3	.3	.2	.4	1.2	1.4	1.2	.4	.3	.2	.2	.3	.2	.2	.2	.1	23	1.4
7	BF	.4	.2	.2	.2	.3	.2	.2	.3	.2	.2	1.0	1.0	.3	.3	.3	.2	.1	.2	.2	.2	.1	.2	.2	23	1.0
8	BF	.4	.2	.3	.3	.3	.3	.3	.3	.5	.5	.2	.3	.2	.2	.2	.6	.9	.3	.3	.2	.3	.3	.2	23	.9
9	BF	.4	.3	.2	.2	.3	.2	.3	.3	.2	.2	.2	.2	.3	.3	.2	.2	.2	.2	.2	.3	.3	.5	.7	23	.7
10	BF	.6	.4	.3	.3	.2	.3	.3	.5	.5	.5	.6	.6	.5	.4	.4	.3	.2	.2	.3	.2	.2	.2	.2	23	.6
11	BF	.4	.2	.2	.2	.2	.2	.2	.2	.3	.3	.4	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.1	23	.4
12	BF	.4	.2	.2	.2	.2	.2	.2	.2	.1	.3	.4	.4	.5	.6	.6	.7	.7	.3	.2	.2	.2	.2	.2	23	.7
13	BF	.4	.3	.2	.2	.2	.2	.1	.1	.2	.2	.2	.1	.2	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	23	.4
14	BF	.3	.1	.2	.1	.2	.1	.3	.4	.4	.5	.4	.3	.3	.3	.2	.2	.2	.1	.1	.2	.2	.3	.2	23	.5
15	BF	.4	.2	.2	.2	.2	.2	.2	.2	.3	.3	.2	.3	.4	.3	.2	.2	.3	.3	.2	.3	.2	.1	.1	23	.4
16	BF	.3	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.1	.2	.4	.5	.3	.4	.3	.3	.2	.1	23	.5
17	BF	.3	.1	.1	.1	.1	.2	.1	.2	.7	.6	.6	1.3	1.3	.6	.9	.3	.1	.2	.1	.1	.2	.1	.1	23	1.3
18	BF	.3	.1	.2	.1	.1	.1	.1	.2	.1	.1	.2	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	23	.3
19	BF	.3	.1	.2	.2	.2	.1	.2	.2	.1	.1	.2	.1	.2	.2	.2	.2	.2	.1	.1	.2	.1	.1	.1	23	.3
20	BF	.3	.2	.2	.2	.2	.1	.2	.2	AT	AT	.7	.6	.6	.4	.2	.3	.2	.3	.2	.1	.1	.1	.2	21	.7
21	BF	.3	.2	.1	.2	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.2	.1	.2	.3	.2	.2	23	.3
22	BF	.4	.2	.2	.1	.2	.1	.1	.2	.2	.2	.3	.2	.2	.1	.1	.2	.2	.2	.1	.2	.2	.2	.1	23	.4
23	BF	.3	.1	.2	.2	.1	.2	.3	1.0	1.6	1.1	.5	.4	.4	.4	.3	.3	AV	.1	.1	.1	.2	.1	.2	22	1.6
24	BF	.4	.2	.3	.3	.2	.4	.5	.9	.6	.4	.5	.5	.3	.4	.3	.3	.3	.3	.2	.2	.1	.1	.2	23	.9
25	BF	.3	.2	.1	.1	.2	.2	.1	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.2	23	.3
26	BF	.3	.1	.2	.3	.3	.3	.2	.2	.2	.2	.3	.3	.2	.2	.2	.2	.2	.3	.2	.2	.2	.2	.2	23	.3
27	BF	.5	.3	.2	.2	.2	.3	.3	.3	.3	.4	.4	.4	.5	.5	.5	.4	.4	.3	.3	.2	.3	.3	.3	23	.5
28	BF	.4	.2	.2	.2	.2	.2	.3	.3	.5	.5	.4	.4	.4	.5	.4	.3	.3	.3	.3	.2	.2	.3	.2	23	.5
29	BF	.5	.3	.2	.2	.2	.3	.3	.4	.2	.3	.2	.2	.2	.3	.5	.2	.2	.3	.1	.1	.2	.2	.2	23	.5
30	BF	.4	.2	.2	.2	.2	.2	.2	.2	.9	.9	.4	.3	.4	.7	.3	.2	.2	.2	.2	.2	.2	.2	.2	23	.9
31	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
NO.:		31	31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	30	31	31	31	31	31	31		
MAX:		.6	.4	.4	.3	.3	.4	.5	1.6	2.8	1.4	1.0	1.3	1.4	1.2	.9	.7	.9	.4	.4	.4	.3	.5	.7		
AVG:		.39	.21	.21	.21	.21	.21	.23	.35	.45	.38	.37	.40	.38	.35	.30	.28	.28	.23	.20	.19	.19	.20	.19		

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: .28 MONTHLY MAX: 2.8

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

(42401) Sulfur dioxide

SITE ID: 37-117-0001 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 Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: SEPTEMBER 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	.5	.2	.2	.2	.1	.1	.2	.3	.4	.3	.3	.2	.2	.2	.2	.2	.2	.1	.2	.1	.1	.2	.1	23	.5
2	BF	.4	.2	.1	.2	.1	.1	.2	.2	.2	.2	.1	.2	.2	.2	.1	.2	.1	.2	.3	.2	.2	.2	.2	23	.4
3	BF	.3	.2	.2	.1	.2	.2	.2	.2	.2	.2	.3	.2	.2	.1	.1	.1	.2	.2	.2	.1	.2	.2	.2	23	.3
4	BF	.4	.3	.2	.1	.2	.2	.4	.5	1.2	1.9	1.2	.7	.5	.4	.5	1.5	1.4	.5	.3	.3	.2	.2	.2	23	1.9
5	BF	.4	.2	.2	.2	.2	.2	.2	.2	3.6	5.0	3.6	1.5	.8	.7	.6	.5	.5	.2	.3	.2	.2	.3	.2	23	5.0
6	BF	.3	.3	.2	.3	.2	.2	.2	.4	.6	.7	.5	.4	.5	.6	.4	.6	.4	.4	.3	.4	.3	.1	.2	23	.7
7	BF	.3	.2	.2	.1	.2	.2	.2	.2	.6	.7	.8	.4	.4	.4	.4	.4	.4	.3	.2	.3	.3	.2	.2	23	.8
8	BF	.3	.2	.2	.3	.2	.2	.3	.5	.6	.5	.5	.5	.5	.5	.4	.4	.3	.2	.2	.1	.2	.2	.2	23	.6
9	BF	.4	.2	.2	.3	.3	.3	.2	1.0	1.9	1.3	.8	.6	.6	.8	1.0	.5	.3	.3	.2	.3	.3	.2	.2	23	1.9
10	BF	.4	.3	.2	.3	.3	.3	.2	.6	2.3	1.4	1.0	.7	.6	.4	.4	.3	.3	.3	.3	.3	.3	.2	.2	23	2.3
11	BF	.5	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.3	.3	.6	.2	.2	.3	.2	.2	.2	.2	.3	23	.6
12	BF	.5	.2	.2	.3	.2	.3	.4	.5	.3	.3	.4	.4	.3	.4	.3	.3	.3	.2	.3	.5	.5	.4	.5	23	.5
13	BF	.5	.3	.3	.2	.3	.2	.3	.4	.3	.3	.2	.3	.2	.2	.3	.2	.3	.3	.3	.3	.2	.1	.2	23	.5
14	BF	.5	.4	.4	.4	.4	.4	.4	.4	.5	.4	.4	.5	.5	.5	.4	.3	.3	.3	.2	.3	.2	.2	.2	23	.5
15	BF	.4	.2	.2	.2	.3	.2	.2	.2	.4	.4	.3	.3	.4	.4	.3	.4	.3	.3	.2	.2	.2	.2	.2	23	.4
16	BF	.4	.3	.3	.3	.3	.2	AV	AV	AV	AV	.3	.2	.2	.3	.3	.2	.3	.3	.4	.3	.3	.3	.3	19	.4
17	BF	.4	.4	.3	.3	.2	.2	.2	.4	.3	.3	.3	.3	.2	.3	.4	.3	.3	.3	.3	.2	.2	.2	.2	23	.4
18	BF	.4	.2	.2	.2	.2	.2	AV	AV	AV	AV	.3	.2	.4	.2	.3	.2	.2	.2	.3	.2	.2	.2	.2	19	.4
19	BF	.4	.2	.3	.3	.3	.3	.2	.2	BA	.4	.4	.4	.4	.5	.9	.4	.3	.3	.4	.3	.2	.3	.4	22	.9
20	BF	.4	.7	.7	.6	.5	.6	.5	.6	.6	.6	.5	.6	.6	.5	.6	.6	.5	.5	.6	.5	.5	.5	.5	23	.7
21	BF	.4	.7	.7	.6	.6	.5	.5	.5	.5	.5	.7	.7	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	23	.7
22	BF	.4	.6	.6	.5	.4	.4	.3	.5	.4	.5	.4	.5	.5	.6	.6	.7	.6	.6	.5	.5	.5	.4	.4	23	.7
23	BF	.3	.5	.7	.6	.4	.5	.4	.6	.7	.7	.6	.6	.6	.5	.6	.5	.5	.5	.4	.4	.4	.5	.5	23	.7
24	BF	.4	.6	.7	.7	.6	.7	.6	.5	.7	.7	.6	.6	.7	.7	.7	.6	.6	.5	.5	.5	.5	.5	.4	23	.7
25	BF	.5	.6	.7	.6	.7	.7	.7	.5	.7	.8	.7	.7	.7	.7	.7	.7	.5	.5	.5	.5	.5	.5	.5	23	.8
26	BF	.5	.6	.6	.6	.6	.5	.5	.7	.8	.8	.8	.7	.7	.8	.7	.7	.7	.6	.5	.4	.4	.4	.5	23	.8
27	BF	.4	.6	.7	.6	.6	.5	.5	.5	.6	.5	.5	.5	.5	.6	.6	.5	.5	.5	.4	.5	.5	.4	.4	23	.7
28	BF	.4	.5	.7	.6	.5	.5	.4	.6	.5	.5	.4	.5	.6	.5	.5	.4	.4	.5	.4	.4	.5	.4	.5	23	.7
29	BF	.4	.6	.7	.6	.5	.5	.4	.5	.5	.6	.6	.5	.5	.5	.5	.6	.9	.5	.5	.4	.4	.4	.4	23	.9
30	BF	.4	.5	.6	.6	.5	.5	.5	.4	.6	.6	.5	.5	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	23	.6
31																									0	
NO.:		30	30	30	30	30	30	28	28	27	28	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:		.5	.7	.7	.7	.7	.7	.7	1.0	3.6	5.0	3.6	1.5	.8	.8	1.0	1.5	1.4	.6	.6	.5	.5	.5	.5		
AVG:		.41	.38	.39	.37	.35	.34	.34	.44	.75	.76	.61	.49	.46	.46	.48	.45	.43	.36	.34	.33	.32	.30	.31		

MONTHLY OBSERVATIONS: 681 MONTHLY MEAN: .43 MONTHLY MAX: 5.0

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

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

REPORT FOR: OCTOBER 2013

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	.8	.7	.6	.6	.6	.5	.7	.8	.7	.7	.7	.6	.7	.7	.6	.5	.5	.7	.8	.5	.5	23	.8
2	BF	.4	.5	.7	.6	.6	.6	.5	.6	1.0	.8	.8	.8	.7	.7	.7	.6	.6	.6	.4	.5	.5	.5	.5	23	1.0
3	BF	.4	.5	.7	.7	.6	.6	.5	.7	.8	.7	.6	.7	.7	.7	.6	.6	.6	.5	.6	.5	.5	.5	.5	23	.8
4	BF	.5	.5	.7	.5	.6	.5	.5	.6	.6	.6	.6	.7	.7	.6	.6	.6	.6	.6	.5	.6	.6	.5	.5	23	.7
5	BF	.4	.5	.6	.7	.5	.5	.5	.5	.7	1.0	1.1	1.1	.9	.9	.8	.7	.5	.5	.5	.5	.5	.5	.5	23	1.1
6	BF	.4	.5	.6	.6	.6	.5	.5	.7	.9	.7	1.1	1.2	1.4	1.1	.5	.6	.4	.5	.5	.5	.5	.4	.6	23	1.4
7	BF	.4	.5	.7	1.0	.8	.7	1.4	.9	.6	.5	.5	.5	.5	.5	.5	.4	.4	.5	.4	.5	.5	.3	.4	23	1.4
8	BF	.5	.5	.8	.7	.7	.8	.9	1.2	1.1	.8	.7	.7	.6	.5	.6	.6	.6	.5	.6	.5	.5	.5	.5	23	1.2
9	BF	.4	.5	.7	.6	.5	.5	.5	.5	.4	.5	.5	.5	.4	.5	.4	.4	.4	.4	.3	.4	.4	.4	.3	23	.7
10	BF	.3	.4	.6	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4	.3	.4	.4	.4	.4	.4	.4	.3	.3	.4	23	.6
11	BF	.3	.4	.6	.6	.5	.5	.5	.4	.4	.4	.4	.4	.4	.5	.4	.3	.4	.4	.4	.4	.4	.4	.4	23	.6
12	BF	.4	.5	.6	.6	.5	.5	.5	.5	.4	.5	.4	.5	.5	.5	.5	.4	.3	.4	.5	.5	.4	.4	.4	23	.6
13	BF	.3	.4	.7	.6	.5	.5	.5	.4	.4	.5	.5	.5	.5	.5	.6	.4	.4	.4	.4	.4	.4	.4	.5	23	.7
14	BF	.4	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.5	23	.5
15	BF	.5	.6	.7	.7	.7	.5	.5	.5	.4	.5	.4	.4	.5	.5	.4	.5	.4	.5	.5	.4	.5	.5	.4	23	.7
16	BF	.4	.4	.6	.5	.5	.5	.5	.5	.5	.4	.5	.5	.6	.5	.4	.5	.5	.4	.5	.4	.4	.5	.4	23	.6
17	BF	.4	.4	.6	.6	.6	.5	.5	.6	.6	BA	.3	.4	.4	.3	.3	.3	.4	.3	.2	.4	.4	.4	.4	22	.6
18	BF	.4	.4	.6	.6	.6	.6	.6	.6	.6	.5	.6	.9	1.0	.8	.7	.6	.6	.6	.6	.6	.5	.5	.6	23	1.0
19	BF	.4	.5	.8	.7	.6	.5	.5	.5	.5	.5	.5	.5	.4	.6	.6	.5	.5	.5	.5	.4	.5	.4	.4	23	.8
20	BF	.4	.5	.7	.7	.6	.5	.6	.6	.5	.6	.6	.6	.6	.6	.5	.5	.5	.4	.5	.4	.5	.4	.5	23	.7
21	BF	.4	.4	.7	.7	.8	.8	.7	.5	3.7	.9	.8	.8	.7	.8	.7	.7	.6	.6	.5	.5	.5	.6	.5	23	3.7
22	BF	.5	.5	.7	.7	.6	.6	.6	.6	.7	.5	.6	.7	.6	.6	.5	.5	.5	.6	.5	.5	.5	.5	.5	23	.7
23	BF	.4	.5	.6	.6	.6	.5	.5	.5	.5	.5	.6	.5	.7	.7	.7	.7	.5	.6	.5	.4	.6	.5	.7	23	.7
24	BF	.8	.9	1.1	.8	.7	.6	.7	.7	.7	.7	.7	.7	.8	.9	.8	.8	.7	.7	.7	.6	.5	.7	.6	23	1.1
25	BF	.5	.5	.8	.8	.7	.8	.7	.7	.8	.8	.8	.7	.8	.8	.7	.7	.7	.6	.6	.5	.5	.5	.6	23	.8
26	BF	.5	.5	.7	.8	.7	.7	.6	.7	.8	.9	.9	.9	.8	.9	1.0	1.0	.8	.6	.6	.6	.6	.6	.6	23	1.0
27	BF	.6	.7	.9	.8	.7	.7	.7	.9	1.1	1.2	1.1	.9	1.0	1.0	.9	.9	.7	.6	.6	.6	.5	.5	.5	23	1.2
28	BF	.4	.6	.7	.8	.7	.7	.7	.7	.8	1.7	1.4	1.1	1.0	1.0	1.0	.9	.7	.7	.7	.6	.6	.6	.6	23	1.7
29	BF	.5	.5	.5	.4	.4	.6	.5	.5	1.0	1.3	1.7	2.1	1.1	.9	.8	.8	.7	1.0	1.0	1.0	.5	.5	.4	23	2.1
30	BF	.5	.6	.8	.8	.7	.7	.7	.8	1.1	1.3	1.5	.9	.8	.8	.8	.7	.7	.8	.9	1.7	1.5	.9	.7	23	1.7
31	BF	.5	.6	.7	.7	.7	.6	.7	.8	.7	BA	BA	1.6	.5	.5	.6	.5	.4	.4	.4	.5	.4	.4	.3	21	1.6
NO.:		31	31	31	31	31	31	31	31	31	29	30	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		.8	.9	1.1	1.0	.8	.8	1.4	1.2	3.7	1.7	1.7	2.1	1.4	1.1	1.0	1.0	.8	1.0	1.0	1.7	1.5	.9	.7		
AVG:		.44	.50	.69	.66	.60	.58	.60	.61	.77	.72	.72	.75	.68	.66	.61	.58	.53	.53	.52	.54	.52	.48	.49		

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: .60 MONTHLY MAX: 3.7

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

(42401) Sulfur dioxide

SITE ID: 37-117-0001 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 Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: NOVEMBER 2013

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	.7	.6	.7	.7	.6	.6	.7	.7	.7	.7	.7	.6	.6	.7	.7	.6	.5	.5	.5	.4	.5	23	.7
2	BF	.4	.4	.6	.5	.5	.5	.5	.5	.6	.5	.6	.6	.8	.7	.7	.7	.6	.5	.5	.5	.5	.7	.7	23	.8
3	BF	.7	.6	.8	.7	.7	.7	.6	.7	.6	.7	.8	.8	.9	1.0	.9	.8	.8	.7	.7	.6	.6	.5	.6	23	1.0
4	BF	.5	.5	.7	.8	.7	.7	.8	.7	.7	1.2	1.2	.9	.8	1.0	.9	.8	1.0	.9	.8	.8	.9	.9	.9	23	1.2
5	BF	.8	.9	1.0	.9	1.0	1.0	.9	.8	.9	.8	.8	.8	.9	.8	.8	.7	.7	.6	.7	.7	.5	.6	.5	23	1.0
6	BF	.5	.5	.7	.7	.6	.6	.6	.5	1.0	1.2	.9	.9	.8	.8	.8	.7	.5	.6	.5	.5	.5	.5	.5	23	1.2
7	BF	.4	.5	.6	.8	.7	.5	.6	.7	.6	.6	.7	.6	.6	.7	.6	.7	.6	.7	.6	.6	.6	.7	.7	23	.8
8	BF	.7	.7	.7	.7	.7	.7	.6	.9	.7	.8	1.0	1.0	1.2	1.2	1.3	1.4	.9	.8	.7	.6	.6	.6	.6	23	1.4
9	BF	.5	.6	.8	.8	.7	.7	.7	.8	1.1	1.1	1.2	1.2	1.5	1.6	1.4	1.1	.7	.7	.6	.7	.6	.7	.6	23	1.6
10	BF	.6	.7	.8	.9	.9	.9	1.0	1.2	1.2	1.3	1.3	1.2	1.2	1.1	1.1	1.0	1.0	.9	.8	.7	.6	1.0	1.0	23	1.3
11	BF	.8	.6	.5	.6	.6	.5	.8	.7	.8	.9	1.0	1.1	1.1	1.2	1.1	.8	.7	.6	.6	.5	.4	.4	.5	23	1.2
12	BF	.6	.6	.6	.7	.7	.6	.7	.7	.9	1.1	1.4	1.6	1.8	1.6	1.1	.8	.8	.7	.7	.7	.6	.7	.8	23	1.8
13	BF	.8	.6	1.1	1.3	1.4	1.4	1.6	1.9	1.7	1.4	1.3	1.6	1.5	1.3	1.3	1.2	1.0	1.0	.9	.8	.7	.7	.7	23	1.9
14	BF	.6	.8	.8	.8	.8	.8	.9	1.1	1.0	1.1	1.2	1.1	1.0	1.1	1.2	1.1	1.1	1.1	1.0	1.1	1.1	.9	.8	23	1.2
15	BF	.7	.7	.8	.8	.9	.9	.9	1.0	1.2	1.2	1.1	.9	.9	.9	1.0	1.4	1.8	1.2	1.0	.9	.8	.8	.8	23	1.8
16	BF	.8	.6	.8	.8	.7	.6	.7	.7	.7	.8	.7	.8	.9	.8	.7	.8	.7	.7	.7	.6	.6	.6	.6	23	.9
17	BF	.6	.5	.7	.8	.8	.7	.6	.7	.6	.7	.6	.8	.7	.7	.6	.7	.7	.7	.7	1.1	.9	.6	.6	23	1.1
18	BF	.5	.4	.7	.7	.7	.7	.5	.5	.7	.6	.7	.7	.7	.7	.8	.9	.8	.8	.7	.7	.6	.8	.7	23	.9
19	BF	.6	.6	.8	.8	.9	.9	.9	1.0	1.0	1.0	.9	.9	.9	.9	.8	.9	.8	.9	.9	.8	.8	.8	.7	23	1.0
20	BF	.8	.8	1.1	.9	.8	.8	.8	.9	.8	.8	.8	.8	.9	.7	.7	.7	.8	.7	.6	.7	.7	.6	.6	23	1.1
21	BF	.6	.6	.8	.8	.7	.7	.7	.7	.7	.8	1.0	.8	.8	.8	.7	.7	.6	.6	.6	.7	.6	.7	.7	23	1.0
22	BF	.5	.7	.8	.8	.8	.8	.8	.8	.9	1.7	2.0	1.0	.7	.8	.7	.7	.7	.7	.6	.6	.7	.6	.6	23	2.0
23	BF	.5	.5	.7	.7	.7	.6	.6	.7	.9	.9	1.0	1.3	1.3	1.1	1.0	1.0	.8	.7	.7	.6	.6	.8	.9	23	1.3
24	BF	.9	1.0	1.2	1.0	1.1	1.2	1.1	1.2	1.2	1.1	1.0	1.1	1.1	1.2	1.2	1.0	1.1	1.0	.9	.9	.9	1.0	1.2	23	1.2
25	BF	1.1	1.4	1.3	1.4	1.6	1.6	1.5	1.6	1.5	1.6	1.6	1.5	1.6	1.7	1.7	1.1	1.1	1.0	.9	.9	.8	.9	.9	23	1.7
26	BF	.8	.8	.9	1.0	.9	.8	.9	.9	1.0	.9	.8	.9	BD	BD	.5	.5	.5	.5	.5	.4	.5	.4	.4	21	1.0
27	BF	.5	.5	.6	.6	.7	.7	.6	.6	.5	.6	.6	.7	.7	.8	.7	.7	.9	.9	.8	.9	.7	.9	1.0	23	1.0
28	BF	.9	.9	1.1	1.0	.9	.8	.8	.8	.9	.9	.9	.9	.8	.9	.9	.9	.8	.7	.8	.8	.7	.7	.7	23	1.1
29	BF	.7	.6	.7	.7	.8	.9	.7	.9	.9	1.3	1.6	1.6	1.5	1.5	1.8	1.9	1.9	1.4	1.7	1.6	1.6	1.3	1.3	23	1.9
30	BF	1.8	1.6	1.6	1.5	1.5	1.5	1.7	2.0	1.9	1.9	1.7	1.3	1.2	1.2	1.2	1.3	1.2	1.1	1.1	1.1	1.3	1.7	1.5	23	2.0
31																									0	
NO.:		30	30	30	30	30	30	30	30	30	30	30	30	29	29	30	30	30	30	30	30	30	30	30		
MAX:		1.8	1.6	1.6	1.5	1.6	1.6	1.7	2.0	1.9	1.9	2.0	1.6	1.8	1.7	1.8	1.9	1.9	1.4	1.7	1.6	1.6	1.7	1.5		
AVG:		.69	.69	.83	.84	.84	.82	.82	.89	.93	1.01	1.04	1.00	1.02	1.01	.96	.92	.88	.80	.76	.75	.72	.75	.75		

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: .86 MONTHLY MAX: 2.0

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

(42401) Sulfur dioxide

SITE ID: 37-117-0001 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 Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: DECEMBER 2013

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	1.0	1.3	1.5	1.5	1.3	1.2	1.1	1.2	1.1	1.1	.9	1.0	1.0	1.1	.9	1.0	.9	.8	.8	.7	.8	.7	23	1.5
2	BF	.8	.6	.9	.9	.8	.8	.7	.7	.9	1.3	BA	3.0	2.2	1.5	1.5	1.5	1.2	1.1	.9	.8	.7	.8	.8	22	3.0
3	BF	.6	.7	.8	.7	.8	.8	.9	.8	1.0	1.3	1.4	1.3	1.1	1.1	1.0	1.1	1.1	1.3	1.6	2.3	2.1	2.2	3.9	23	3.9
4	BF	5.6	1.4	1.3	1.2	1.0	.9	.9	.9	.9	.8	.8	.9	1.3	1.4	1.3	1.1	1.0	.9	.7	.7	.7	.7	.7	23	5.6
5	BF	.7	.5	.7	.7	.7	.7	.7	.7	.7	.8	.8	.6	.7	.8	.7	.8	.8	.7	.8	.7	.7	1.0	1.0	23	1.0
6	BF	.7	.8	.9	.9	.8	.7	.8	.8	1.0	1.1	1.0	.9	.9	.7	.7	.6	.7	.7	.7	.7	.6	.7	.6	23	1.1
7	BF	.5	.5	.7	.7	.7	.6	.6	.6	.7	.6	.6	.6	.6	.7	.7	.8	.8	.9	.9	.9	.9	.9	1.8	23	1.8
8	BF	1.1	1.0	1.1	1.1	1.0	.9	1.3	1.5	.9	.8	.8	.7	.7	.8	.7	.7	.7	.7	.7	.6	.6	.7	.7	23	1.5
9	BF	.6	.6	.7	.8	.8	.8	.7	.7	.8	.7	.8	.7	.7	.8	.7	.8	.8	.8	.8	.8	.8	.7	.8	23	.8
10	BF	.7	.7	.9	.9	.8	.8	.8	.8	.7	BA	.6	.9	.5	.7	.6	.5	.6	.5	.5	.5	.5	.5	.5	22	.9
11	BF	.8	.6	.6	.6	.6	.6	.8	.8	1.6	1.7	1.6	1.5	1.2	1.1	1.1	1.0	.9	.7	.7	.7	.7	.6	.7	23	1.7
12	BF	.7	.6	.6	.7	1.4	1.3	1.2	1.4	2.0	2.3	2.3	2.4	2.4	2.5	2.5	2.4	2.2	1.4	1.2	.9	.8	.7	.7	23	2.5
13	BF	1.0	1.2	.9	.8	.8	.9	.9	1.1	1.5	1.5	1.5	1.3	1.3	1.4	1.4	1.4	1.3	1.1	.9	.8	.8	.8	.8	23	1.5
14	BF	.8	.7	.7	.8	1.0	1.3	1.7	2.3	2.2	1.8	1.3	1.1	1.2	1.1	1.0	.9	.9	.9	.9	.8	.8	.7	.7	23	2.3
15	BF	.6	.6	.6	.6	.5	.5	.5	.6	.6	.6	.7	.8	.8	.8	.9	.8	.6	.6	.6	.7	.6	.7	.7	23	.9
16	BF	.8	.7	.9	1.0	.8	.7	.8	.8	1.0	1.1	1.1	1.3	1.0	1.0	.9	1.0	.9	.9	.8	.7	.8	.6	.7	23	1.3
17	BF	.8	.7	.7	.6	.7	.7	.8	.9	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.1	1.0	1.0	1.2	1.3	1.3	1.2	.9	23	1.3
18	BF	.7	.6	.7	.7	.8	.9	.9	1.1	1.3	1.3	1.4	1.4	1.3	1.4	1.4	1.1	1.1	.8	.9	.8	.8	.7	.7	23	1.4
19	BF	.7	.6	.7	.7	.7	1.0	1.1	1.3	1.2	1.2	1.1	1.1	1.0	.9	1.0	1.0	1.1	1.1	1.2	1.0	1.2	1.5	1.3	23	1.5
20	BF	.9	.8	.7	.7	.8	.7	.8	.9	1.0	1.0	1.0	.9	.9	.9	.8	.7	.8	.8	.7	.8	.9	.8	.8	23	1.0
21	BF	.7	.8	.9	.9	1.0	1.0	.8	1.0	1.0	1.1	1.2	1.0	.9	1.0	.9	.9	.8	.9	.8	.7	.7	.8	.7	23	1.2
22	BF	.7	.7	.9	.9	.8	.8	.8	.8	.7	.8	.7	.8	.7	.7	.8	.8	.8	.8	.8	.7	.7	.7	.7	23	.9
23	BF	.6	.6	.8	.9	.7	.8	.7	.7	.7	.7	.8	.7	.7	.6	.7	.7	.6	.7	.7	.7	.7	.6	.7	23	.9
24	BF	.6	.6	.8	.9	.9	.9	1.1	1.4	1.9	2.0	2.0	1.8	1.7	1.6	1.3	1.3	1.1	1.0	1.2	1.2	1.2	1.3	1.4	23	2.0
25	BF	1.4	1.1	1.0	1.1	1.0	1.0	1.0	1.1	1.4	1.7	1.9	2.0	2.2	2.7	2.2	1.8	1.5	1.1	.8	1.0	1.1	.9	.8	23	2.7
26	BF	.9	.9	1.1	1.0	1.1	1.1	1.3	1.4	1.3	1.3	1.3	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.0	.9	.9	.9	.8	23	1.4
27	BF	.8	.9	1.1	1.0	1.0	.9	1.0	.9	1.2	1.3	1.5	1.4	1.4	1.5	1.5	1.6	1.5	1.2	1.0	.9	.9	.9	.9	23	1.6
28	BF	.8	.8	1.0	1.0	1.0	.9	1.0	1.0	1.8	1.5	1.4	1.2	1.2	1.1	1.2	1.2	1.2	1.0	1.0	.9	1.0	1.0	1.1	23	1.8
29	BF	.9	.9	1.0	1.1	1.1	1.0	1.0	1.0	1.8	1.2	1.0	.9	.9	.9	.9	.8	.9	.8	.8	.7	.7	.7	.8	23	1.8
30	BF	.8	.7	.9	.9	.9	.9	.9	.9	.9	1.1	1.2	1.1	1.1	1.0	1.0	1.0	.9	1.0	.8	.8	.7	.9	.9	23	1.2
31	BF	.9	1.0	1.2	1.5	1.7	1.7	1.4	1.3	1.3	1.2	1.3	1.2	1.3	1.2	1.2	1.2	1.2	1.0	.9	1.0	1.0	.9	.8	23	1.7
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:		5.6	1.4	1.3	1.5	1.7	1.7	1.7	2.3	2.2	2.3	2.3	3.0	2.4	2.7	2.5	2.4	2.2	1.4	1.6	2.3	2.1	2.2	3.9		
AVG:		.95	.77	.87	.90	.91	.90	.94	1.01	1.17	1.20	1.18	1.19	1.14	1.13	1.09	1.05	1.00	.92	.88	.86	.86	.87	.94		

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .99 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: 37-119-0041 POC: 2
COUNTY: (119) Mecklenburg
CITY: (12000) Charlotte
SITE ADDRESS: 1130 EASTWAY DRIVE
SITE COMMENTS: 1/1 PM2.5 Sampling on roof of monitoring shelter. MOVED SHELTER 230 M SW OF ORIGIN
MONITOR COMMENTS:

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

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

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JANUARY 2013

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.6	.6	.6	.6	.6	.5	.3	.3	.3	.1	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	24	.6
2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.3	.2	.1	.1	.3	.2	.2	.1	.1	.2	.1	.1	.0	24	.3
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	BF	.2	.1	.0	.1	.1	.1	.1	.2	.3	.4	.7	.6	22	.7
4	.4	.3	.4	.3	.3	.3	.4	.6	.6	.5	.2	.7	.7	.7	.6	.7	.8	.7	.7	1.1	.7	.3	.3	.4	24	1.1
5	.3	.4	.2	.5	.4	.0	.0	.1	.2	.9	1.0	1.1	.8	.7	.6	.5	.6	1.1	.9	.6	.7	.6	.3	.2	24	1.1
6	.2	.2	.2	.1	.1	.1	.2	.2	.2	.2	.3	.2	.2	.2	.2	.2	.1	.1	.0	.1	.4	.1	.0	.0	24	.4
7	.0	.1	.0	.0	.1	.0	.1	.2	.4	.3	.2	.3	.3	.9	.6	.5	.4	.3	.3	.4	.3	.5	.5	.5	24	.9
8	.5	.5	.3	.3	.1	.3	.4	.4	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.7	.5	.5	.7	.7	24	.7
9	.6	.3	.2	.1	.1	.2	.4	.5	1.0	.8	.6	.6	.6	.8	.2	.2	.2	.2	.4	.3	.4	.5	.4	.3	24	1.0
10	.4	.3	.4	.3	.4	.1	.0	.3	.7	1.1	.6	.1	.1	.1	.0	.0	.0	.1	.2	.3	.3	.2	.2	.1	24	1.1
11	.0	.0	-.1	-.1	-.1	-.2	-.1	-.2	-.2	-.2	-.1	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	.0	24	0.0
12	.1	.1	.1	.1	.1	.1	.0	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	24	.1
13	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.2	.9	.3	.2	.1	.0	.0	.1	.2	.2	.4	.4	.5	.6	24	.9
14	1.2	.9	.5	.6	.4	.3	.4	.4	.3	BF	BF	BF	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	21	1.2
15	.1	.0	-.1	-.1	-.2	-.1	-.2	-.1	-.1	-.1	-.1	-.2	-.1	-.1	.0	-.1	-.1	.0	.0	-.1	-.1	-.1	-.1	-.1	24	.1
16	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	24	0.0
17	.0	.0	.0	.0	.0	-.1	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	0.0
18	-.2	-.2	-.2	-.2	-.2	-.1	-.1	.3	.0	.2	.5	.5	.4	.3	.3	.3	.2	.2	.1	.1	.1	.0	.0	-.1	24	.5
19	-.1	.0	.0	.0	-.1	-.1	.0	.1	.0	.1	.9	1.9	.5	.4	.3	.2	.2	.1	.1	.1	.0	.1	.1	.3	24	1.9
20	.3	.2	.2	.0	.0	.0	.2	.2	.3	.6	1.0	1.4	.7	.7	.5	.4	.4	.4	.6	.7	.4	.2	.2	.1	24	1.4
21	.0	.0	.0	.0	.0	.0	.1	.1	.2	.6	.6	.4	.5	.8	1.2	.8	1.2	.2	.2	1.5	2.6	.1	.1	.1	24	2.6
22	.1	.1	4.0	6.0	.1	.1	.1	.1	.3	.2	.5	.2	1.0	.8	.4	.4	.4	.1	.1	.1	.4	.8	1.1	.6	24	6.0
23	.2	.1	.1	.0	.0	.0	.0	.2	.4	1.2	1.4	1.3	.9	1.0	.6	.4	.5	.4	.3	.3	.6	.8	.4	.2	24	1.4
24	.2	.2	.2	.3	.3	.1	.3	.3	.5	1.8	1.9	1.2	1.2	1.5	2.2	1.9	1.3	.8	.5	.7	.8	.9	1.6	1.7	24	2.2
25	1.2	.9	.6	.5	.4	.5	.9	1.4	1.3	BF	BF	BF	.7	.8	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	21	1.4
26	.1	.1	.0	.0	-.1	.0	.0	.0	.0	-.1	.0	.1	.1	.4	.7	.4	.2	.3	.2	.1	.1	.0	.1	.0	24	.7
27	.0	.0	.2	.8	.7	1.5	1.0	.4	.7	1.3	1.5	1.2	1.0	.9	.9	.9	.8	.7	.7	.6	.7	.8	.8	.7	24	1.5
28	.7	.4	.2	.1	.0	.0	.0	.2	.4	.7	.9	1.0	1.2	1.2	1.1	.8	.5	.4	.3	.2	.2	.1	.1	.0	24	1.2
29	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	1.1	1.0	1.0	.9	.8	.7	.6	.4	.4	.4	.5	.3	.2	.1	24	1.1
30	.1	.1	.2	.0	.0	.0	.0	.0	.2	.1	.1	.2	.2	.3	.2	.3	.2	.2	.2	.2	.1	-.1	-.1	-.1	24	.3
31	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.1	.2	.2	.1	.2	.5	.3	.1	.0	.0	.0	.2	.1	.0	24	.5
NO.:	31	31	31	31	31	31	31	31	31	28	28	29	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	1.2	.9	4.0	6.0	.7	1.5	1.0	1.4	1.3	1.8	1.9	1.9	1.2	1.5	2.2	1.9	1.3	1.1	.9	1.5	2.6	.9	1.6	1.7		
AVG:	.21	.17	.25	.31	.09	.10	.13	.17	.25	.38	.49	.51	.41	.44	.40	.34	.29	.23	.21	.27	.33	.23	.25	.22		

MONTHLY OBSERVATIONS: 736 MONTHLY MEAN: .28 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

CAS NUMBER: 7446-09-5

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

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

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

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: FEBRUARY 2013

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	.1	.2	.5	1.1	1.6	1.5	1.6	.1	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.2	.3	.2	.2	.3	24	1.6
2	.4	.3	.5	.5	.7	.3	.4	.3	.4	.3	.3	.3	.4	.8	.6	.4	.3	.7	.4	.3	.2	.2	.1	.1	24	.8
3	.2	.2	.3	.4	.0	.0	.0	.0	.1	.6	.4	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	24	.6
4	.1	.1	.1	.0	.0	.0	.2	.5	.4	.6	1.6	.9	.4	.3	.3	.4	1.2	1.3	.3	.2	.2	.4	.5	.4	24	1.6
5	.4	.6	.6	.5	.5	.4	.3	.5	.6	.9	BF	BF	.8	1.1	1.0	1.1	1.1	.6	.4	.3	.3	.2	.1	.0	22	1.1
6	.0	.0	.0	.0	.0	.1	.0	.3	.4	.3	.4	1.2	2.8	.7	.4	.3	.3	.2	.3	.3	.3	.3	.4	.3	24	2.8
7	.6	.6	.6	.6	1.7	2.3	.8	.4	.4	.4	.6	.6	.6	.5	.3	.2	.2	.1	.1	.1	.0	.0	.0	.0	24	2.3
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.2	.1	.1	.0	.0	.0	.2	.5	1.8	.7	.9	24	1.8
9	.3	.6	.3	.2	.1	.0	.0	.1	.5	.6	.6	.6	1.0	1.3	1.0	.5	.4	.3	.2	.3	.4	.3	.4	.3	24	1.3
10	.2	.2	.2	.1	.2	.2	.2	.1	.2	.4	.4	.5	1.0	.8	.6	.4	.3	.3	.3	.4	.3	.0	.0	.0	24	1.0
11	-.1	.0	.0	.0	-.1	.0	.0	.0	.0	.0	-.1	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
12	.0	.0	-.1	.0	-.1	-.1	-.1	.0	.1	.4	.7	.7	.9	.7	1.1	3.8	6.7	6.9	4.3	5.1	4.3	2.2	.5	.3	24	6.9
13	.2	.1	.1	.1	.0	.0	.0	.0	-.1	-.1	-.1	BF	.2	.0	.0	.0	.0	.0	.0	.4	.0	1.7	3.1	.6	23	3.1
14	.2	.1	.0	.0	-.1	.0	.1	.3	.3	.2	.2	.1	.1	.3	.4	.6	.7	.7	.2	.1	.0	.0	.0	.0	24	.7
15	-.1	.0	.0	.0	.0	.0	.1	.2	.2	.2	1.6	.8	.2	.1	.1	.2	.1	.1	.1	.1	.1	.4	.8	.5	24	1.6
16	.1	.1	.0	.0	.1	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.2	.9	.0	-.1	24	.9
17	.0	.0	.0	.0	.0	.0	.0	.1	.2	.4	.2	.2	.3	.2	.3	.2	.3	.2	.2	.2	.1	.1	.1	.2	24	.4
18	.2	.1	.1	.1	.0	.0	.2	.2	.4	.7	1.2	1.1	1.1	.4	.3	.5	1.1	.8	.6	.3	.6	.7	.6	.9	24	1.2
19	.9	1.2	1.8	1.7	.9	.9	1.1	1.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	24	1.8
20	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.3	.4	.2	.1	.3	.2	.1	.2	.3	.8	.7	.4	.1	.4	24	.8
21	.6	.5	.5	.4	.4	.7	.2	.7	1.3	.7	.6	.6	.6	.5	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3	24	1.3
22	.3	.1	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	.0	.0	-.1	-.1	-.1	24	.3
23	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
24	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.4	.6	.5	24	.6
25	.5	.4	.5	.5	.8	1.0	1.1	.5	.4	.4	.3	.3	.3	.6	1.0	1.2	1.3	1.6	1.6	.7	.8	.7	.7	.7	24	1.6
26	.5	.7	.5	.2	.1	.0	-.1	-.1	-.1	-.1	BF	BF	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.7
27	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.1	.2	.1	.2	.1	.1	.0	.0	.0	.1	.2	.1	.1	.1	24	.2
28	.1	.0	.0	.0	.0	.0	.1	.2	.9	.8	1.1	1.6	.9	.1	.0	.3	1.1	1.1	.0	.0	.0	.0	.0	.0	24	1.6
29																									0	
30																									0	
31																									0	
NO.:	28	28	28	28	28	28	28	28	28	28	26	25	28	28	28	28	28	28	28	28	28	28	28	28		
MAX:	.9	1.2	1.8	1.7	1.7	2.3	1.5	1.6	1.3	.9	1.6	1.6	2.8	1.3	1.1	3.8	6.7	6.9	4.3	5.1	4.3	2.2	3.1	.9		
AVG:	.19	.21	.21	.20	.21	.25	.20	.25	.25	.30	.42	.43	.45	.32	.30	.40	.56	.55	.35	.38	.36	.40	.32	.24		

MONTHLY OBSERVATIONS: 667 MONTHLY MEAN: .32 MONTHLY MAX: 6.9

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

(42401) Sulfur dioxide

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

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

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

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MARCH 2013

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	.1	.3	.4	.3	1.0	1.7	1.4	.1	.1	.9	.7	.7	.5	1.1	.5	.3	.3	.4	.4	24	1.7
2	.4	.4	.3	.3	1.3	.6	.3	.2	.3	.1	.0	.1	.1	.2	.4	.4	.1	.1	.0	.0	.3	.1	.1	.0	24	1.3
3	.1	.0	.0	.0	.0	.0	.1	.2	.4	1.2	2.0	.8	3.9	4.7	1.9	1.4	3.5	2.5	.5	.9	1.0	.8	.6	.8	24	4.7
4	2.7	1.0	.7	.6	.4	.3	.3	.5	1.6	7.1	.9	5.8	9.9	2.0	.4	.4	.3	.3	.6	.5	.5	.4	.3	.3	24	9.9
5	.3	.3	.3	.3	.4	.5	.7	.9	.8	.6	.5	.4	.5	.7	.6	.5	.5	.4	.3	.1	.0	.0	.0	.1	24	.9
6	.2	.2	.1	.1	.0	.1	.3	.0	.2	.6	1.2	1.2	1.8	1.5	1.7	1.2	1.0	1.0	.9	.7	.6	1.4	.7	.6	24	1.8
7	.4	.3	.2	.3	.2	.2	.2	.5	1.3	1.7	2.4	4.3	2.2	2.2	1.6	1.1	.7	1.0	.9	.2	.1	.1	.2	.3	24	4.3
8	.4	.4	.4	.5	.4	.4	.3	.5	.7	BF	BF	.5	.4	1.6	1.3	.5	.5	.6	.5	.3	.4	.4	.3	.4	22	1.6
9	.3	.3	.2	.2	.3	.3	.3	.4	.6	.6	.6	.5	.6	.8	.7	.7	.8	.8	.7	.5	.4	.3	.3	.3	24	.8
10	1.0	.5	.5	.3	.3	.2	.2	.2	.3	.5	.5	.6	.4	.4	.3	.3	.3	.5	.7	.6	.6	.5	.3	.1	24	1.0
11	.0	.0	.0	.0	.0	.0	.3	.4	.3	.3	.4	.3	.1	.1	.1	.1	.2	.2	.3	.2	.3	.2	.0	.0	24	.4
12	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.3	1.2	.3	3.4	2.9	1.3	24	3.4
13	.1	.0	.0	.0	.0	.1	.2	.4	.8	.5	.4	.7	.6	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.6	24	.8
14	.8	.5	.1	.1	.3	.2	.2	.5	.2	.1	.4	.4	1.2	3.4	4.2	2.3	1.1	.4	.2	.2	.4	.4	.4	.4	24	4.2
15	.3	.2	.1	.1	.1	.2	.3	.5	1.3	.6	.7	.3	.3	.4	.4	.5	.6	.7	.9	.8	.9	.8	.8	1.0	24	1.3
16	.7	.9	1.0	1.1	1.1	1.1	1.1	1.0	1.1	1.0	1.0	.9	.8	.7	.7	.7	.7	.6	.5	.4	.4	.4	.4	.4	24	1.1
17	.4	.4	.4	.4	.3	.3	.2	.5	.6	.7	.8	.8	.7	.6	.5	.7	.6	.9	1.3	.7	.4	.2	.3	.4	24	1.3
18	.3	.1	.1	.0	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	24	.3
19	-.1	.0	.1	.8	.3	.2	.1	.1	.2	1.9	2.1	BF	BF	.4	.1	.0	.1	1.3	.1	.1	.1	.1	.0	.1	22	2.1
20	.1	.2	.4	4.7	1.2	.4	.4	.3	.6	.2	.4	2.4	2.9	1.8	.6	.3	.2	.1	.3	.5	.5	.5	.5	1.9	24	4.7
21	2.1	.0	.0	1.1	2.8	.4	.2	.4	1.0	1.1	1.5	1.0	.2	.2	.5	1.1	.7	.4	.1	.2	.2	.5	.4	.3	24	2.8
22	.3	.3	.2	.3	.3	.2	.1	.5	.7	7.4	2.6	2.1	2.6	1.4	.7	.5	.6	.5	.6	.4	.9	.6	1.1	.7	24	7.4
23	.5	.4	.3	.3	.4	.3	.3	.1	.1	.1	.1	.3	.5	.6	.4	.4	.6	.6	.3	.3	.1	.0	.0	.0	24	.6
24	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	24	0.0
25	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.2	.2	.1	.4	.2	.2	.1	.0	.1	.0	.0	.0	.1	.0	.0	24	.4
26	.0	.0	.1	.2	.2	.1	.1	.5	2.2	2.3	.7	1.4	2.6	1.0	.5	.3	.6	.2	.0	.2	5.3	4.3	10.1	.5	24	10.1
27	.3	.1	1.7	10.9	1.4	1.3	.9	.7	.6	.5	.6	1.7	3.0	2.3	.9	.7	.6	.5	.5	1.4	5.1	10.0	5.9	1.2	24	10.9
28	.6	.3	.1	.2	.3	.2	.4	BF	BF	.3	.7	1.0	1.4	2.5	1.8	.8	.4	.6	.9	.6	.6	.7	.7	.4	22	2.5
29	.2	.2	.0	.1	.1	.1	.1	.5	.7	.7	.8	1.1	1.4	1.6	1.3	.8	.6	.4	.4	.3	.2	.3	.2	.2	24	1.6
30	.2	.1	.0	-.1	-.1	-.1	-.1	-.1	.0	.1	.3	.3	.4	.4	.4	.2	.1	.1	.1	.2	.1	.1	.2	.2	24	.4
31	.2	.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	24	.2
NO.:	31	31	31	31	31	31	31	30	30	30	30	30	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:	2.7	1.0	1.7	10.9	2.8	1.3	1.1	1.0	2.2	7.4	2.6	5.8	9.9	4.7	4.2	2.3	3.5	2.5	1.3	1.4	5.3	10.0	10.1	1.9		
AVG:	.41	.23	.23	.72	.37	.24	.24	.33	.56	1.04	.78	1.01	1.30	1.04	.75	.54	.51	.48	.41	.38	.64	.86	.86	.41		

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: .59 MONTHLY MAX: 10.9

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

(42401) Sulfur dioxide

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

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

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

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: APRIL 2013

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.6	.3	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	24	.6
2	-.1	-.1	.1	.2	.1	.1	.2	.6	.8	.8	1.0	.8	.6	.4	.3	.3	.2	.2	.2	.1	.1	.7	.9	1.1	24	1.1
3	.9	.9	1.1	.6	.7	1.1	.7	1.0	2.2	2.4	2.2	2.4	1.9	1.5	1.4	1.2	1.2	1.0	1.0	.9	.8	.8	.8	1.3	24	2.4
4	1.0	.8	2.5	2.6	1.7	1.2	1.0	1.3	.7	.3	.2	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	24	2.6
5	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.2	.4	.1	24	.4
6	.1	.0	.1	.1	.0	.1	.2	.8	1.3	1.0	.7	.7	.9	.9	.9	.9	.9	.7	.7	.7	.6	.6	.6	.6	24	1.3
7	.6	.4	.3	.1	.0	.0	.1	.2	.3	.4	.5	.5	.4	.2	.1	.0	.0	.0	.1	.2	.2	.1	.1	.1	24	.6
8	.2	.2	.2	.2	.1	.0	.0	.3	.4	.5	.7	.5	.2	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.2	24	.7
9	.7	.8	.2	.1	.0	.0	.0	.2	BF	BF	.7	.5	.3	.3	.3	.4	.5	.4	.3	.3	.2	.2	.2	.2	22	.8
10	.2	.2	.9	.4	.2	.1	.1	.5	.8	.4	.6	.9	.8	.8	.5	.3	.2	.2	.2	.2	.2	.5	.5	.4	24	.9
11	.5	.7	.5	.2	.1	.1	.1	.2	.1	.1	.3	.2	.1	.2	.2	.3	.3	.1	.1	.1	.0	.0	.0	.0	24	.7
12	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.2	.1	.0	.1	.1	.0	.0	.0	.1	.0	.1	2.0	.2	.0	.1	24	2.0
13	.1	.0	-.1	-.1	.0	-.1	.0	.1	.2	.3	.3	.2	.5	.7	.5	.3	.1	.1	.2	.2	.3	.5	.4	.3	24	.7
14	.3	.3	.3	.2	.2	.1	.1	.2	2.5	1.2	.7	.5	.2	.2	.3	.2	.4	.5	.4	.3	.2	.1	.1	.1	24	2.5
15	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.1	.1	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	24	.2
16	.0	.1	.1	.0	.0	.0	.1	.2	.4	.3	1.5	.6	.6	1.0	1.2	.3	.1	.1	.2	.1	.0	.0	.0	.0	24	1.5
17	.0	.0	.0	.0	.0	.0	.1	.6	1.8	2.3	7.6	2.9	.3	.2	.1	.1	.2	.3	.2	.3	.3	.2	.1	.0	24	7.6
18	.1	.3	.3	.2	.1	.3	1.2	1.8	BF	BF	.0	.0	.0	-.1	-.1	-.1	-.1	.1	.0	.0	.0	.0	-.1	-.1	22	1.8
19	.0	.0	.0	.0	.0	.1	.1	.2	.1	.2	.5	.4	.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	24	.5
20	-.1	-.1	-.1	.1	.3	.3	.2	.0	.0	-.1	.1	.3	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	-.1	.0	24	.3
21	.0	-.1	.0	-.1	.1	.1	.2	.4	.4	.4	.6	.3	.2	.1	.1	.1	.1	.2	.2	.2	.1	.1	.2	.1	24	.6
22	.1	.0	.0	.0	.0	.1	.2	.1	.0	.1	.2	.1	.1	.1	.0	.2	.3	.1	.2	.2	.9	1.4	1.5	.4	24	1.5
23	.1	.2	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	-.1	-.1	-.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	24	.2
24	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.1	.3	.1	.1	.1	.1	.1	.2	.1	.2	.2	.0	-.1	24	.3
25	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	-.1	.0	.3	24	.3
26	.7	.8	.6	.4	.2	.1	.1	.3	.6	.8	.6	.4	.3	.3	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	24	.8
27	.1	.1	.1	.0	.0	.1	.0	.1	.3	.5	.5	.4	.3	.2	.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	24	.5
28	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	AV	AV	AV	AV	AV	.0	-.1	-.1	-.1	-.1	19	0.0
29	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	BF	BF	BF	BF	BF	BF	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	18	0.0
30	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	-.1	.0	.1	-.1	.2	.2	.1	.2	.2	1.0	.2	24	1.0
31																									0	
NO.:	30	30	30	30	30	30	30	30	27	27	29	29	29	29	29	29	29	29	29	30	30	30	30	30		
MAX:	1.0	.9	2.5	2.6	1.7	1.2	1.2	1.8	2.5	2.4	7.6	2.9	1.9	1.5	1.4	1.2	1.2	1.0	1.0	.9	2.0	1.4	1.5	1.3		
AVG:	.16	.16	.21	.15	.10	.11	.14	.29	.49	.45	.68	.43	.27	.24	.21	.17	.16	.16	.15	.13	.20	.18	.20	.16		

MONTHLY OBSERVATIONS: 705 MONTHLY MEAN: .23 MONTHLY MAX: 7.6

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5

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

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

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

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MAY 2013

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	.0	-.1	-.1	-.1	-.1	.0	AZ	AZ	AZ	AZ	AZ	-.1	-.1	.0	.3	.1	.0	-.1	-.1	-.1	.0	.0	19	.3
2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	BA	BA	BA	BA	BF	BF	BC	BC	.2	.2	.2	.1	.1	.1	.3	.2	16	.3
3	.1	.3	.1	.1	.0	.2	.4	.4	.7	.5	.2	.1	.1	.1	.0	.0	.0	.1	.0	.0	.9	.4	.1	.0	24	.9
4	.0	.1	.2	.5	.5	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	24	.5
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	AZ	AZ	AZ	AZ	AZ	.1	.1	.1	.1	.0	.0	.1	.1	.0	19	.1
7	.0	.0	.0	.0	.0	.0	.0	.1	.3	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	24	.3
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.2	.1	.1	.1	.1	.1	.2	.1	.0	.0	.0	.0	.0	24	.4
9	.0	.0	.1	.1	.1	.1	.2	.2	.2	.3	.2	BF	BF	BF	.2	.2	.1	.2	.2	.1	.1	.1	.1	.1	21	.3
10	.1	.0	.0	.0	.0	.0	.0	.1	.3	.3	.2	.2	.3	.4	.5	.3	.2	.1	.1	.1	.1	.0	.0	.1	24	.5
11	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	24	.2
12	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.4	.4	.3	24	.4
13	.2	.2	.1	.0	.0	.0	.0	.1	.1	.2	.2	.2	.2	.3	.3	.2	.1	.1	.1	.1	.1	.1	.1	.2	24	.3
14	.2	.1	.1	.2	.0	.0	.1	.2	.2	.2	.4	.4	.5	.5	.5	.4	.4	.4	.3	.2	.3	.2	.2	.2	24	.5
15	.1	.1	.1	.1	.0	.0	.1	.4	.6	BA	BA	.5	.5	.4	.5	.4	.4	.4	.4	.3	.4	.3	.2	.3	22	.6
16	.3	.2	.1	.0	.0	.0	.0	.2	.6	.5	.2	.2	.3	.6	.6	.3	.2	.2	.2	.2	.2	.1	.1	.1	24	.6
17	.1	.1	.1	.1	.0	.0	.0	.3	.4	.6	.7	.6	.6	.4	.3	.3	.3	.2	.2	.2	.1	.1	.1	.1	24	.7
18	.1	.1	.1	.1	.1	.1	.4	.9	.8	.6	.4	.2	.3	.2	.1	.1	.1	.1	.1	.1	.1	.0	.1	.0	24	.9
19	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.2
20	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.3	.2	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	24	.3
21	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.8	.4	.3	.2	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	24	.8
22	.0	.0	.0	.0	.0	.0	.1	.1	.3	.3	BF	BF	.4	.4	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	22	.4
23	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	24	.2
24	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	24	.1
25	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.1	.2	.4	.3	.2	.2	.3	.3	.3	.2	.2	.2	.1	.3	24	.4
26	.2	.1	.2	.7	2.2	2.7	1.2	1.2	1.8	2.1	1.0	.7	.7	.7	.8	.5	.4	.4	.4	.3	.2	.1	.1	.1	24	2.7
27	.1	.1	.1	.1	.1	.1	.1	.3	.4	.5	.4	.3	.3	.5	.6	.5	.5	.5	.4	.3	.3	.2	.2	.2	24	.6
28	.2	.2	.2	.2	.2	.2	.4	.5	.3	.3	.3	.3	.3	.3	.4	.2	.2	.2	.2	.2	.2	.2	.3	.3	24	.5
29	.4	.4	.4	.2	.1	.1	.4	.4	.6	.5	.4	.3	.2	.2	.6	.6	.5	.2	.2	.2	.2	.2	.1	.3	24	.6
30	.5	.3	.2	.1	.1	.1	.1	.6	.5	BF	BF	.3	.2	.4	.7	.3	.2	.2	.2	.2	.2	.2	.2	.3	22	.7
31	.3	.3	.2	.2	.1	.1	.2	.4	.4	.3	.2	.2	.2	.2	.2	.2	.3	.3	.3	.4	.4	.3	.3	.3	24	.4
NO.:	31	31	31	31	31	31	31	31	29	27	25	26	27	28	29	30	31	31	31	31	31	31	31	31		
MAX:	.5	.4	.4	.7	2.2	2.7	1.2	1.2	1.8	2.1	1.0	.7	.7	.7	.8	.6	.5	.5	.4	.4	.9	.4	.4	.3		
AVG:	.10	.09	.07	.08	.11	.12	.12	.22	.33	.32	.27	.23	.25	.24	.24	.18	.18	.17	.15	.12	.15	.11	.10	.11		

MONTHLY OBSERVATIONS: 717 MONTHLY MEAN: .17 MONTHLY MAX: 2.7

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

(42401) Sulfur dioxide

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

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

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

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JUNE 2013

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	.3	.2	.1	.1	.3	.4	.3	.2	.2	.2	.2	.1	.2	.2	.1	.3	.6	.3	.2	.3	.4	.5	24	.6
2	.5	.7	.6	.5	.4	.3	.3	.2	.2	.2	.1	.1	.1	.1	.3	.3	.2	.2	.2	.3	.3	.1	.1	.1	24	.7
3	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.3	.3	.2	.2	.2	.3	.3	.3	.2	.2	.3	.3	.2	.3	24	.3
4	.2	.2	.2	.2	.2	.1	.3	.5	.5	.6	.4	.3	.3	.2	.2	.2	.2	.2	.2	.3	.3	.3	.4	.5	24	.6
5	.5	.4	.3	.3	.3	.3	.4	.4	.3	.2	.2	.2	.2	.2	.2	.2	.2	.3	.1	.1	.1	.1	.1	.1	24	.5
6	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	24	.1
7	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.1	.0	.1	.1	.1	.1	24	.2
8	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	24	.3
9	.2	.2	.2	.2	.2	.2	.3	.3	.5	.5	.4	.6	.5	.5	.5	.3	.2	.2	.3	.2	.2	.2	.1	.1	24	.6
10	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	AV	AV	AV	AV	AV	AV	.1	.1	.1	.1	18	.1
11	.0	.1	.0	.1	.1	.1	.1	.1	.1	.2	BF	BF	BF	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.2	21	.2
12	.2	.2	.2	.2	.2	.3	.5	.4	.4	1.5	1.2	.6	.7	.5	1.4	.5	.4	.5	.5	.3	.3	.3	.3	.4	24	1.5
13	.3	.3	.3	.3	.3	.3	.4	1.1	2.0	1.6	1.5	.7	.4	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	24	2.0
14	.1	.1	.1	.1	.1	.1	.1	.2	.2	.4	.5	.5	.4	.3	.2	.2	.1	.1	.1	.1	.2	.1	.1	.3	24	.5
15	.3	.3	.3	.3	.2	.2	.3	.3	.3	.6	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	.3	.3	24	.6
16	.4	.7	.4	.3	.2	.2	.4	.4	.4	.5	.9	.8	.9	.7	.5	.5	.4	.4	.5	.4	.4	.3	.5	1.2	24	1.2
17	1.0	.8	.6	.5	.4	.4	.4	.3	.5	.4	.3	.3	.4	.3	.2	.2	.1	.1	.1	.1	.1	.0	.1	.1	24	1.0
18	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.1	.1	.1	.2	.1	.1	.1	.0	.0	.0	.0	24	.2
19	.1	.1	.1	.1	.1	.1	.2	.3	.3	.3	.4	.4	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	24	.4
20	.1	.1	.1	.1	.1	.1	.1	.2	BF	BF	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	22	.2
21	.0	.0	.0	.0	.0	.1	.2	.8	1.1	.3	.2	.3	.5	.4	.3	.3	.4	.4	.3	.2	.1	.0	.1	.1	24	1.1
22	1.4	1.6	.5	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	24	1.6
23	.0	.0	.0	.0	.0	.0	.0	.4	.6	.4	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.0	.0	24	.6
24	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.4	.3	.1	.1	.1	.1	.1	.1	.1	.4	.4	.2	.1	24	.4
25	.1	.1	.1	.1	.1	.1	.2	.3	.2	.6	.7	.2	.2	.3	.2	.2	.3	.3	.1	.1	.1	.1	.1	.1	24	.7
26	.1	.0	.0	.0	.0	.0	.1	.2	.1	.3	.5	.6	.9	.6	.4	.2	.1	.1	.1	.1	.1	.0	.2	.2	24	.9
27	.4	.4	.2	.1	.1	.1	.2	.2	.2	.3	.3	.2	.2	.2	.2	.1	.1	.1	.1	.2	.1	.1	.0	.0	24	.4
28	.0	.0	.0	.0	.0	.0	.1	.2	.4	.4	.3	.4	.2	.7	1.0	.6	.3	.2	.1	.0	.0	.0	.0	.0	24	1.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.1	.2	.2	.2	.2	.3	.4	.2	.2	.2	.5	.2	24	.5
30	.2	.3	.4	.3	.2	.1	.1	.1	.1	.1	.1	.2	.1	.3	.2	.2	.3	.1	.0	.0	.0	.0	.0	.0	24	.4
31																									0	
NO.:	30	30	30	30	30	30	30	30	29	29	29	29	29	30	29	29	29	29	29	29	30	30	30	30		
MAX:	1.4	1.6	.6	.5	.4	.4	.5	1.1	2.0	1.6	1.5	.8	.9	.7	1.4	.6	.4	.5	.6	.4	.4	.4	.5	1.2		
AVG:	.24	.25	.18	.16	.14	.13	.19	.27	.34	.37	.36	.31	.29	.26	.29	.22	.19	.20	.19	.16	.15	.14	.15	.19		

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: .22 MONTHLY MAX: 2.0

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

(42401) Sulfur dioxide

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

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

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

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JULY 2013

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

MONTHLY OBSERVATIONS: 720 MONTHLY MEAN: .12 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

CAS NUMBER: 7446-09-5

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

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

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

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: AUGUST 2013

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.0	.1	.1	.2	.2	.1	.1	.1	.2	BF	BF	.2	.1	.2	.0	.1	1.1	.3	.0	.0	.0	.1	.0	-.1	22	1.1
2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.1	.0	.0	.2	.3	.2	.1	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	24	.3
3	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.1	.1	.0	.0	.9	.8	.9	1.5	.4	1.3	.7	.3	.0	.0	-.1	24	1.5
4	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	24	.1
5	.0	-.1	-.1	-.1	.0	.0	.1	.4	.9	.4	.3	.2	.3	.2	.4	.3	.1	.1	.2	.0	.0	.0	.0	.1	24	.9
6	.1	.3	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	24	.3
7	-.1	-.1	-.1	-.1	-.1	-.1	-.1	BF	BF	BA	BA	BC	BC	BC	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	7	-.1
8	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	
9	BA	BA	BA	BA	BA	BA	BA	BA	BF	BF	BC	BC	BC	BC	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
10	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	
11	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	
12	BA	BA	BA	BA	BA	BA	BA	BA	BC	BC	BC	BC	BC	.4	.4	.5	.3	.2	.4	.3	.2	.1	.2	.2	11	.5
13	.1	.1	.1	.1	.1	.1	.1	.2	.2	.6	BF	BF	BF	BF	.6	.5	.3	.5	.1	.1	.3	.2	.2	.1	20	.6
14	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.5	.5	.4	.4	.2	.1	.1	24	.5
15	.1	.1	.2	.8	.5	.4	.4	.5	.6	.4	.4	.3	.2	.3	.5	.4	.5	.4	.4	.4	.5	.3	.2	.2	24	.8
16	.8	2.2	.7	.3	.2	.2	.3	.3	.4	.3	.2	.1	.1	.1	.1	.2	.1	.1	.1	.1	.0	.0	.0	.1	24	2.2
17	.5	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.5
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	.1	24	.1
19	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.1
20	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	24	.1
21	.0	.0	.0	.1	.1	.0	.1	.1	.1	.1	AV	AV	AV	.2	.4	.1	.1	.3	.2	.1	.1	.0	.0	.0	21	.4
22	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	BF	BF	.1	.1	.1	.4	.2	.0	.1	.2	.2	.1	22	.4
23	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.5	.5	.2	.1	.3	.1	.1	.0	.1	.1	.0	.0	.1	.0	24	.5
24	.0	.0	.0	.1	.1	.0	.0	.1	.1	.2	.3	.3	.3	.4	.4	.4	.5	.5	.4	.2	.1	.0	.1	.4	24	.5
25	.6	.6	.4	.1	.0	.0	.1	.5	.4	.2	.2	.4	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	24	.6
26	.0	.0	.0	.0	.0	.1	.2	.2	.1	.2	.3	.3	.3	.3	.2	.2	.2	.3	.2	.1	.1	.0	.0	.0	24	.3
27	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.3	.6	.9	.6	.4	.3	.1	.1	.1	.1	.1	.1	24	.9
28	.1	.0	.0	.0	.0	.0	.1	.2	.3	.6	.6	.2	.4	.7	.7	.1	.1	.1	.1	.1	.0	.0	.0	.0	24	.7
29	.0	.0	.1	.0	.0	.0	.1	.2	.2	.2	.4	.4	.1	.1	.1	.1	.2	.3	.1	.1	.1	.2	.5	.6	24	.6
30	.3	.1	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	24	.3
31	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.2	.1	.1	.1	.1	.2	.2	.1	.1	.1	.0	.0	.0	.0	24	.3
NO.:	26	26	26	26	26	26	26	25	25	24	22	23	22	24	26	26	26	26	26	26	26	26	26	26		
MAX:	.8	2.2	.7	.8	.5	.4	.4	.5	.9	.6	.6	.5	.4	.9	.9	.9	1.5	.5	1.3	.7	.5	.3	.5	.6		
AVG:	.09	.13	.06	.05	.03	.02	.05	.14	.19	.18	.19	.17	.15	.23	.26	.20	.23	.19	.17	.11	.08	.05	.06	.07		

MONTHLY OBSERVATIONS: 607 MONTHLY MEAN: .13 MONTHLY MAX: 2.2

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5

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

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

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

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: SEPTEMBER 2013

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	.1	.1	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.3
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	.7	.7	.6	.5	.3	.2	.1	.2	.1	.1	.1	.0	.0	24	.7
3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	BF	.2	.8	.5	.1	.1	.1	.1	.2	.3	.3	.2	23	.8
4	.2	.1	.1	.1	.1	.1	.2	.4	1.0	.7	.4	.5	.4	.4	.3	.4	.4	.4	.5	.4	.3	.4	.3	.3	24	1.0
5	.3	.3	.3	.3	.3	.2	.3	.3	.4	.5	.5	.5	.6	.5	.4	.5	.6	.5	.4	.5	.6	.6	.5	.5	24	.6
6	.5	.5	.4	.3	.3	.4	.4	.5	1.0	1.1	1.5	1.1	.8	.6	.6	.6	.5	.5	.5	.5	.4	.3	.4	.6	24	1.5
7	.7	.7	.5	.5	.5	.5	.6	.6	.4	.4	.3	.3	.4	.5	.5	.5	.5	.4	.3	.3	.3	.3	.3	.2	24	.7
8	.2	.2	.2	.3	.3	.3	.3	.3	.4	.9	.6	.5	.5	.4	.3	.3	.4	.7	.9	.6	.4	.4	.4	.3	24	.9
9	.3	.4	.4	.4	.4	.4	.5	.9	1.2	1.1	.8	.5	.4	.4	.6	.5	.4	.3	.3	.4	.4	.3	.3	.3	24	1.2
10	.3	.3	.3	.3	.2	.2	.2	.4	.6	.9	.9	.5	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	24	.9
11	.2	.2	.2	.2	.2	.2	.3	BF	BF	BF	BF	BF	.7	.3	.2	.2	.3	.5	.7	.4	.3	.2	.1	.1	19	.7
12	.1	.1	.1	.1	.1	.1	.1	.2	.6	.8	.4	.3	.2	.4	.4	.2	.3	.2	.1	.1	.2	.6	.4	.4	24	.8
13	.2	.1	.1	.0	.0	.1	.1	.1	1.5	1.5	.2	.1	.1	.1	.1	.1	.2	.3	.1	.1	.3	.2	.4	.1	24	1.5
14	.4	.3	.4	.5	.5	.6	.6	.6	.6	.4	.4	.3	.3	.2	.3	.3	.2	.2	.1	.1	.2	.2	.1	.0	24	.6
15	.0	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.2
16	.0	.0	.0	.1	.1	.0	.1	.1	.2	.3	.3	.1	.1	.1	.1	.1	.3	1.1	.3	.1	.1	.4	1.0	.7	24	1.1
17	.3	.6	.8	.8	.8	1.2	1.2	1.1	1.0	.7	.4	.3	.3	.2	.2	.2	.2	.3	.1	.1	.1	.6	1.1	.7	24	1.2
18	.3	.1	.1	.0	.0	.1	.2	.5	.3	.2	.2	.1	.1	.1	.1	.2	.2	.1	.1	.1	.2	.1	.1	.0	24	.5
19	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.3	.5	.5	.4	.4	.3	.2	.1	.1	.1	.1	.1	.1	24	.5
20	.1	.1	.0	.0	.0	.0	.1	.2	.3	.9	1.2	1.1	.9	.6	.3	.2	.1	.2	.3	.2	.1	.1	.1	.0	24	1.2
21	.0	.0	.1	.1	.0	.0	.0	.1	.3	.2	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	-.1	-.1	24	.3
22	.0	-.1	.0	-.1	.0	-.1	.0	.0	.1	.1	.1	.0	.1	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	24	.2
23	.0	.1	.2	.1	.1	.1	.1	.3	.4	.4	.3	.3	.2	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	24	.4
24	.0	.0	.0	.0	.0	.0	.0	.0	BF	BF	BF	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20	.1
25	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.0	.0	.1	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	24	.1
26	.0	.0	.0	.0	.0	.0	.0	.1	.5	.4	.3	.2	.2	.3	.3	.3	.3	.4	.3	.2	.2	.1	.1	.1	24	.5
27	.1	.2	.3	.2	.0	.0	.0	.2	.2	.2	.1	.2	.4	.3	.1	.1	.1	.2	.1	.0	.0	.0	.0	.0	24	.4
28	.0	.2	.5	.3	.2	.1	.1	.1	.2	.1	.5	.3	.1	.1	.0	.0	.0	.1	.1	.1	.1	.3	.4	.1	24	.5
29	.2	.2	.3	.3	.3	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.3
30	.0	.0	.0	.1	.0	.0	.1	.1	.2	.3	.2	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	24	.3
31																									0	
NO.:	30	30	30	30	30	30	30	29	28	28	28	28	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:	.7	.7	.8	.8	.8	1.2	1.2	1.1	1.5	1.5	1.5	1.1	.9	.6	.8	.6	.6	1.1	.9	.6	.6	1.1	1.0	.7		
AVG:	.15	.16	.18	.17	.15	.16	.19	.26	.43	.46	.39	.32	.32	.27	.25	.23	.22	.26	.20	.16	.18	.21	.20	.16		

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: .23 MONTHLY MAX: 1.5

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

(42401) Sulfur dioxide

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

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

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

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: OCTOBER 2013

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	.1	.1	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.2
2	.0	.0	.0	.0	.0	.0	.1	.2	.3	BF	BF	BF	.2	.2	.2	.1	.2	.4	.2	.1	.1	.1	.1	.1	21	.4
3	.1	.1	.1	.1	.1	.1	.1	.1	.3	.4	1.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.0	.0	.1	24	1.1
4	.0	.0	.0	.0	.0	.0	.1	.1	.2	.4	.3	.3	.2	.2	.2	.2	.3	.2	.1	.1	.1	.2	.1	.1	24	.4
5	.1	.2	.2	.2	.2	.2	.3	.2	.2	.5	.5	.4	.3	.3	.3	.3	.3	.2	.2	.1	.1	.1	.1	.1	24	.5
6	.2	.2	.1	.1	.0	.0	.0	.1	.3	.7	.7	.8	.5	.4	.2	.1	.0	.1	.0	.0	.0	.1	.0	.1	24	.8
7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.5	.1	.0	.1	.1	.1	.1	.1	.1	24	.5
8	.2	.3	.4	.4	.4	.4	.3	.3	.3	.4	.5	.6	.6	.6	.5	.4	.3	.3	.2	.3	.5	.2	.2	.2	24	.6
9	.2	.2	.2	.2	.2	.2	.2	.4	.5	.5	.4	.4	.3	.3	.3	.3	.2	.3	.3	.2	.3	.3	.4	.4	24	.5
10	.3	.1	.1	.1	.1	.1	BF	BF	BF	BF	.3	.1	.0	.0	.1	.1	.0	.1	.1	.1	.0	.1	.2	.1	20	.3
11	.0	.0	.0	.1	.1	.1	.1	.3	.6	.6	.6	.9	1.3	1.0	1.1	.5	.4	.4	.2	.3	.2	.1	.1	.1	24	1.3
12	.2	.1	.1	.1	.1	.1	.1	.1	.3	.4	.5	.5	.6	.4	.7	.4	.4	.4	.3	.1	.1	.1	.4	.3	24	.7
13	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	24	.2
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.4	.3	.5	.4	24	.5
15	.1	.1	.2	.1	.0	.1	.1	.1	.2	AZ	AZ	AZ	AZ	AZ	.3	.3	.2	.1	.1	.1	.1	.1	.0	.2	19	.3
16	.8	.9	.3	.1	.1	.1	.1	.1	.3	.3	.2	.1	.1	.2	.4	.5	.3	.1	.1	.1	.1	.1	.1	.1	24	.9
17	.1	.1	.1	.1	.1	.1	.1	.1	.3	.4	.6	.5	.4	.4	.2	.1	.1	.0	.0	.0	.0	.1	.0	.0	24	.6
18	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.2	.5	.1	.1	.1	.0	.0	.0	.0	.0	.0	24	.5
19	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	24	.1
20	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1	.1	24	.1
21	.1	.1	.0	.0	.0	.1	.2	.2	.2	.3	.3	.3	.2	.2	.3	.3	.3	.2	.1	.1	.2	.2	.1	.1	24	.3
22	.1	.1	.1	.1	.0	.1	.1	.1	.2	.4	.4	.4	.4	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	24	.4
23	.0	.0	.0	.0	.0	.0	.0	.1	.1	BF	BF	BF	BF	BF	.1	.1	.1	.1	.1	.1	.2	.2	.3	.2	19	.3
24	.1	.1	.1	.1	.1	.1	.3	1.2	1.2	.4	.3	.4	.3	.3	.4	.3	.3	.2	.2	.3	.4	.3	.2	.2	24	1.2
25	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.2	.2	.2	.1	.1	.1	.2	.2	.2	.1	.1	.1	.1	.1	24	.3
26	.1	.1	.1	.1	.1	.1	.1	.4	.2	.4	.3	.4	.4	.3	.3	.4	.3	.3	.2	.2	.2	.2	.2	.2	24	.4
27	.2	.2	.2	.1	.1	.1	.1	.2	.3	.4	.3	.3	.4	.5	.5	.4	.4	.3	.2	.2	.2	.4	.4	.5	24	.5
28	.2	.2	.2	.2	.2	.3	1.1	.7	.7	1.3	1.1	2.4	2.5	2.5	1.8	1.1	.7	.4	.4	.5	.5	.5	.5	.4	24	2.5
29	.6	.4	.4	.3	.3	.4	.5	.7	.5	.4	.4	.4	.3	.3	.2	.3	.2	.3	.3	.3	.4	.4	.3	.3	24	.7
30	.2	.2	.3	.2	.2	.4	.4	.4	.4	.5	.7	.5	.4	.4	.4	.4	.4	.3	.4	.7	.4	.4	.3	.3	24	.7
31	.3	.3	.3	.3	.3	.4	.4	.4	.5	.8	.9	.6	1.5	1.5	1.0	.7	.6	.4	.4	.3	.4	.3	.2	.4	24	1.5
NO.:	31	31	31	31	31	31	30	30	30	27	28	28	29	29	31	31	31	31	31	31	31	31	31	31		
MAX:	.8	.9	.4	.4	.4	.4	1.1	1.2	1.2	1.3	1.1	2.4	2.5	2.5	1.8	1.1	.7	.4	.4	.7	.5	.5	.5	.5		
AVG:	.15	.15	.12	.10	.09	.12	.17	.23	.29	.38	.39	.40	.40	.38	.35	.27	.22	.19	.15	.15	.17	.17	.16	.17		

MONTHLY OBSERVATIONS: 727 MONTHLY MEAN: .22 MONTHLY MAX: 2.5

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5

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

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

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

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: NOVEMBER 2013

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	.4	.7	.5	.3	.2	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	24	.7
2	.0	.0	.1	.1	.2	.2	.2	.2	.2	.5	.4	.3	.2	.3	.2	.2	.1	.2	.1	.2	.1	.2	.1	.1	24	.5
3	.1	.1	.1	.2	.1	.1	.1	.1	.3	.5	.4	.3	.2	.2	.1	.1	.1	.1	.2	.2	.2	.2	.2	.3	24	.5
4	.3	.4	.3	.2	.2	.3	.2	.4	.4	.7	.5	.3	.3	.2	.3	.5	.5	.5	.8	.3	.3	.4	.5	.3	24	.8
5	.2	.4	.4	.2	.3	.7	.9	.5	.4	.4	.5	.4	.5	.5	.6	.5	.5	.2	.3	.5	.5	.2	.2	.1	24	.9
6	.1	.1	.2	.2	.2	.2	.3	.4	.6	.5	.4	BF	BF	BF	.2	.1	.1	.1	.1	.1	.2	.2	.2	.2	21	.6
7	.2	.2	.3	.2	.3	.3	.3	.4	.2	.1	.2	.2	.2	.3	.2	.7	.2	.2	.3	2.1	.2	.2	.3	.2	24	2.1
8	.5	.5	.4	.4	.5	.5	.5	.5	.7	.8	1.5	.6	.5	.5	.5	.5	.5	.4	.3	.5	.3	.2	.2	.2	24	1.5
9	.2	.2	.1	.2	.2	.2	.3	.3	.5	1.1	.7	.6	.7	.7	.5	.5	.5	.5	.5	.5	.6	.5	.3	.2	24	1.1
10	.2	.1	.1	.1	.1	.1	.0	.0	.2	1.1	.4	.4	.3	.4	.4	.3	.3	.3	.1	.1	.2	.3	.5	.6	24	1.1
11	.4	.3	.4	.4	.4	.5	.1	.3	.7	.6	.5	.4	.4	.4	.4	.3	.2	.2	.1	.1	.2	.2	.2	.2	24	.7
12	.2	.2	.1	.1	.1	.1	.1	.1	.3	.8	.7	1.0	1.0	1.4	.6	.2	.2	.1	.1	.1	.3	.5	.4	.6	24	1.4
13	.7	.6	.4	.3	.5	.4	.3	.5	.6	.4	.4	.5	.4	.3	.3	.3	.3	.2	.2	.2	.2	.4	.4	.4	24	.7
14	.4	.4	.4	.5	.5	.5	.5	.4	.3	BF	BF	BF	.6	.7	.8	.9	.8	.6	.5	.9	1.0	.9	.5	.3	21	1.0
15	.3	.2	.3	.3	.3	.3	.6	.7	1.3	2.5	2.1	2.1	1.4	1.2	.7	.4	.3	.3	.3	.3	.2	.2	.1	.1	24	2.5
16	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1	.1	.1	.1	.1	.0	.1	.1	.2	.1	.1	.1	24	.2
17	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.3	.3	.1	.1	.1	.0	.0	.0	.0	24	.3
18	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.2	.3	.2	.3	.3	.3	.2	.2	.2	.2	.2	.4	1.6	24	1.6
19	.3	.5	.7	.8	.4	.3	.3	.3	.9	1.1	1.0	.8	.4	.3	.3	.3	.2	.2	.3	.2	.4	.4	.3	.5	24	1.1
20	2.6	2.6	.6	.4	.4	.9	1.1	1.1	AV	AV	1.3	1.0	1.1	1.1	.7	.5	.5	.4	.4	.3	1.5	1.2	.8	.4	22	2.6
21	.3	.5	.8	.9	.6	.5	.5	.8	.8	.6	.6	.6	.6	.7	.6	.5	.5	.5	.5	.4	.4	.4	.4	.4	24	.9
22	.4	.3	.4	.5	.4	.4	.3	.3	.3	.3	.5	.6	.5	.4	.2	.2	.2	.3	.3	.2	.1	.1	.0	.0	24	.6
23	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.2	.6	.4	.3	.2	.7	.7	2.9	2.4	1.1	.7	24	2.9
24	.6	.6	.6	.9	.8	.4	.3	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2	.2	.3	24	.9
25	.6	.8	.9	.6	.5	.9	1.2	1.4	1.3	.8	.6	.6	.5	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	24	1.4
26	.4	.4	.4	.3	.3	.1	.0	.0	.0	.0	BF	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	.4
27	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.6	.3	.5	.2	.2	.1	.2	.2	.4	.6	.5	.4	.4	.3	24	.6
28	.3	.2	.1	.1	.2	.1	.1	.1	.2	.7	1.6	1.4	1.1	1.2	1.1	1.0	.8	.5	.4	.3	.2	.3	.3	.3	24	1.6
29	.3	.3	.2	.4	.3	.3	.3	.3	.2	.3	.6	.7	.6	.6	.9	1.0	.8	.5	.5	.6	1.0	2.7	2.3	1.4	24	2.7
30	1.2	2.1	1.2	.7	.6	.4	.4	.5	1.1	1.5	1.5	1.7	1.5	1.4	1.3	1.2	1.1	1.0	.7	.7	.9	.9	.5	.6	24	2.1
31																									0	
NO.:	30	30	30	30	30	30	30	30	29	28	28	27	28	29	30	30	30	30	30	30	30	30	30	30		
MAX:	2.6	2.6	1.2	.9	.8	.9	1.2	1.4	1.3	2.5	2.1	2.1	1.5	1.4	1.3	1.2	1.1	1.0	.8	2.1	2.9	2.7	2.3	1.6		
AVG:	.39	.42	.34	.32	.29	.30	.31	.34	.42	.58	.64	.58	.51	.49	.42	.39	.34	.28	.29	.37	.44	.47	.38	.36		

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: .40 MONTHLY MAX: 2.9

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

(42401) Sulfur dioxide

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

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

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

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: DECEMBER 2013

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	.9	.8	.7	.6	.3	.2	.2	.8	1.1	.9	.8	.7	.6	.6	.5	.5	.4	.3	.2	.2	.3	.3	.3	24	1.1
2	.3	.3	.3	.2	.2	.3	.3	.6	.5	.4	.5	1.3	1.7	1.9	1.1	.7	.5	.4	.5	.5	.4	.5	.5	.4	24	1.9
3	.4	.4	.2	.2	.2	.2	.3	.4	.4	.3	.4	.3	.5	.5	.5	.8	.7	.4	.3	.5	.7	1.1	.8	.7	24	1.1
4	.5	.3	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	24	.5
5	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	BF	BF	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	22	.2
6	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.2	.3	.3	.6	.8	.5	.2	.2	.2	.2	.2	.3	.2	.1	24	.8
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.2	.2	.1	.2	.1	.1	.1	.2	.5	24	.5
8	.4	.2	.2	.4	.7	.7	.7	.5	.4	.4	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	24	.7
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	AV	AV	AV	.1	.0	.0	.0	21	.1
10	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.2	.3	.4	.3	.0	.1	.1	.1	.2	.2	.1	.1	24	.4
11	.0	.1	.1	.1	.2	.2	.2	.4	.5	.2	.2	.3	.3	.6	.4	.4	.6	.4	.3	.3	.2	.2	.2	.2	24	.6
12	.2	.1	.3	.2	.6	.3	.2	.5	.8	.6	.6	.6	.8	1.4	.9	.6	.5	.3	.3	.4	.5	.4	.4	.3	24	1.4
13	.4	.4	.4	.3	.4	.3	.4	.6	.5	.9	.8	.7	.9	1.0	.9	.6	.5	.4	.5	.7	.5	.6	.7	.8	24	1.0
14	.9	1.0	.9	.8	.7	.5	.5	.4	.5	.4	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0	24	.2
16	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.3	.4	.6	.4	.3	.2	.2	.2	.2	.1	.1	.1	.1	.1	24	.6
17	.1	.0	.0	.0	.0	.0	.0	.1	.2	.3	BF	BF	BF	.6	.5	.6	.7	.8	.9	.9	.9	1.2	.5	.2	21	1.2
18	.2	.2	.2	.1	.1	.1	.1	.1	.3	.3	.4	.3	.2	.3	.3	.3	.4	.3	.2	.2	.3	.3	.3	.2	24	.4
19	.2	.2	.2	.2	.1	.1	.2	.2	.4	.9	.9	.4	1.3	3.0	2.3	2.0	1.7	.7	.6	.4	.4	.5	.4	1.3	24	3.0
20	1.1	.8	.6	.5	.4	.2	.3	.4	.4	.5	.8	1.1	1.5	1.2	.7	.6	.5	.5	.4	.2	.2	.1	.2	.2	24	1.5
21	.1	.0	.0	.0	.0	.0	.0	.1	.2	.7	1.0	.9	.7	.8	.8	.6	.4	.5	1.0	.6	.3	.2	.2	.1	24	1.0
22	.1	.1	.1	.3	.5	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.5
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
24	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1	.3	.4	.5	.3	.1	.0	.1	.3	.3	.3	.3	.2	.1	.2	24	.5
25	.1	.1	.2	.2	.3	.5	.6	.5	.7	.7	.4	.4	.3	.3	.3	.3	.3	.2	.3	.3	.2	.2	.3	.3	24	.7
26	.3	.2	.2	.2	.2	.2	.2	.3	.4	.6	1.1	.7	.6	.5	.4	.4	.4	.3	.3	.3	.5	.7	.8	.8	24	1.1
27	.6	.5	.3	.3	.4	.5	.4	.6	.7	.7	.6	.6	.5	.4	.4	.5	.6	.5	.5	.6	.6	.6	.6	.6	24	.7
28	.5	.5	.6	.6	.7	.6	.6	.7	.6	.5	.6	.5	.5	.4	.4	.4	.4	.4	.4	.3	.3	.3	.2	.2	24	.7
29	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	24	.2
30	.1	.2	.2	.1	.1	.1	.2	.3	.3	.3	BF	BF	.8	.3	.3	.4	.3	.2	.2	.1	.2	.3	.2	.2	22	.8
31	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.4	.6	24	.6
NO.:	31	31	31	31	31	31	31	31	31	31	28	28	30	31	31	31	31	30	30	30	31	31	31	31		
MAX:	1.1	1.0	.9	.8	.7	.7	.7	.7	.8	1.1	1.1	1.3	1.7	3.0	2.3	2.0	1.7	.8	1.0	.9	.9	1.2	.8	1.3		
AVG:	.25	.22	.20	.19	.22	.18	.19	.24	.30	.35	.40	.40	.46	.52	.42	.36	.33	.27	.28	.25	.25	.28	.25	.28		

MONTHLY OBSERVATIONS: 734 MONTHLY MEAN: .30 MONTHLY MAX: 3.0

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

(42401) Sulfur dioxide

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

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

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

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

REPORT FOR: JANUARY 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BD	.2	.3	.2	.3	.4	.3	.3	.5	.4	.8	.6	.5	.2	.3	.4	.1	.2	.1	.2	.3	.0	.1	.1	23	.8
2	BD	.2	.0	.1	.1	.1	.0	.1	.1	.0	.1	.1	.2	.2	.2	.3	.3	.3	.3	.1	.1	.3	.2	.3	23	.3
3	BD	.4	.3	.2	.3	.5	.4	.4	.2	.4	.8	.4	.4	.6	.4	.4	.4	.3	.2	.2	.3	.3	.5	23	.8
4	BD	.4	.5	.4	.3	.2	.4	.5	.2	.2	.6	.7	2.0	2.4	1.7	1.0	.8	.4	.4	.3	.3	.4	.4	.6	23	2.4
5	BD	.4	.5	.6	.4	.5	.9	1.6	1.1	.8	.8	1.0	1.2	1.6	1.4	1.4	.5	.4	.4	.7	.7	.3	.3	.3	23	1.6
6	BD	.4	.4	.4	.5	.3	.3	.4	.4	.6	.4	.3	.4	.3	.4	.5	.6	.5	.6	.7	.5	.5	.5	.5	23	.7
7	BD	.2	.3	.2	.3	.3	.4	.5	.6	.5	.5	.7	.6	.7	.7	.9	.7	.3	.2	.2	.3	.1	.3	.3	23	.9
8	BD	.3	.2	.1	.2	.1	.3	.4	.4	.4	.6	.4	.6	1.0	.7	.6	.8	.4	.2	.2	.2	.2	.4	.2	23	1.0
9	BD	.2	.5	.5	.4	.4	.3	.7	.3	.4	.6	.3	.2	.4	.3	.3	.3	.1	.3	.2	.3	.1	.2	.1	23	.7
10	BD	.4	.3	.4	.3	.3	.3	.3	.2	.2	.4	.4	.4	.4	.4	.5	.4	.3	.2	.2	.2	.2	.3	.2	23	.5
11	BD	.2	.2	.2	.2	.3	.3	.5	.3	.4	.5	.5	.5	.4	.3	.1	.0	.0	.1	-.2	.0	.0	.0	-.1	23	.5
12	BD	.0	-.2	-.2	-.1	.0	1.4	.3	.0	.2	.0	.1	-.1	.0	.1	AE	AE	AE	-.1	.0	.0	.0	.0	.1	20	1.4
13	BD	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	-.1	.1	.1	-.1	.0	.0	-.2	-.1	.0	-.1	.0	.0	-.1	23	.1
14	BD	.0	.0	.0	-.1	.0	.5	.3	.3	.0	.0	-.1	-.3	-.2	BA	.0	-.1	.0	.0	.0	.0	.0	.0	-.1	22	.5
15	BD	.2	.1	.2	.2	.3	.8	.4	.3	.2	.2	.1	.1	.4	.2	.0	.0	-.1	.0	-.1	-.2	-.2	-.2	-.1	23	.8
16	BD	.0	-.1	.0	-.2	-.3	.0	-.1	-.1	-.2	-.2	-.3	-.2	-.1	-.1	.0	.1	-.1	-.1	-.1	-.2	-.1	-.2	-.3	23	.1
17	BD	-.3	-.3	-.2	-.1	.0	-.2	-.2	-.1	-.1	-.1	.0	.2	.2	.2	-.1	-.1	-.3	-.3	-.1	-.2	-.2	-.1	-.1	23	.2
18	BD	.1	.1	.1	.1	.1	.2	.6	.2	.4	.6	.8	.8	.9	.6	.5	.5	.4	.1	.2	.2	.2	.3	.4	23	.9
19	BD	.5	.3	.4	.3	.3	.4	.7	.5	.7	1.0	1.0	1.0	1.8	14.6	31.2	7.6	.8	.3	.1	.1	.4	.1	.0	23	31.2
20	BD	.1	-.1	.2	.2	.2	.3	.4	.2	.3	.6	.8	1.2	1.2	1.0	1.2	1.0	.6	.3	.3	.2	.3	.3	.3	23	1.2
21	BD	.5	.3	.6	.6	.6	1.0	1.5	1.0	.5	.5	.9	1.1	1.1	1.0	.8	.7	.1	.1	.1	.0	.1	.1	.2	23	1.5
22	BD	6.2	1.7	6.0	5.0	3.6	2.7	1.1	1.5	.9	1.0	1.0	.8	1.9	2.8	2.8	9.9	1.7	.9	.5	.7	.6	.6	.5	23	9.9
23	BD	.5	.8	.9	.9	1.0	1.3	1.6	1.7	1.6	1.5	1.4	5.6	17.5	21.0	3.5	2.0	2.9	2.4	1.1	.9	.9	.8	.6	23	21.0
24	BD	.7	.4	.5	.6	.7	.6	.8	1.3	2.3	2.5	2.0	2.3	2.4	2.7	2.9	2.6	2.1	2.5	2.3	2.3	2.1	2.2	2.1	23	2.9
25	BD	1.5	1.7	1.5	1.2	1.1	1.7	2.4	2.6	2.5	2.8	2.2	1.4	1.4	1.2	1.5	1.1	.9	.7	.7	.7	.7	.6	.5	23	2.8
26	BD	.7	.6	.6	.6	.6	.5	.8	1.2	1.3	1.6	1.9	1.8	1.6	1.4	1.4	1.0	.5	.5	.6	.5	.5	.6	.5	23	1.9
27	BD	.6	.3	.2	-.1	.0	-.4	-.3	.2	.3	.3	.9	1.7	2.0	2.0	1.9	1.3	.7	.4	.7	.6	.5	.4	.5	23	2.0
28	BD	.6	.6	.6	.6	.6	.7	.9	1.1	1.2	1.5	2.0	1.9	1.9	1.6	1.2	.9	.7	.5	.6	.6	.4	.4	.3	23	2.0
29	BD	.2	.0	.2	.3	.4	.4	.5	.4	.3	BA	.2	.5	.6	.5	.5	.3	.1	.1	.0	.0	-.3	-.1	.1	22	.6
30	BD	.1	.0	.0	-.1	-.2	-.1	-.1	.0	-.2	-.2	-.2	.0	.0	.0	-.2	-.1	.0	-.2	-.4	-.3	-.4	-.3	-.2	23	.1
31	BD	.1	-.3	-.5	-.4	-.3	-.4	-.2	-.2	.1	.2	.2	.1	.1	.1	.3	.3	.3	.1	.3	.0	.1	.2	.3	23	.3
NO.:		31	31	31	31	31	31	31	31	31	30	31	31	31	30	30	30	30	31	31	31	31	31	31		
MAX:		6.2	1.7	6.0	5.0	3.6	2.7	2.4	2.6	2.5	2.8	2.2	5.6	17.5	21.0	31.2	9.9	2.9	2.5	2.3	2.3	2.1	2.2	2.1		
AVG:		.51	.30	.46	.41	.39	.49	.55	.53	.54	.67	.65	.87	1.39	1.92	1.86	1.13	.48	.36	.31	.29	.26	.28	.27		

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: .65 MONTHLY MAX: 31.2

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

(42401) Sulfur dioxide

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

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

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

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

REPORT FOR: FEBRUARY 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BD	.4	.2	.2	.2	.2	.3	.7	1.0	1.1	2.4	9.9	1.2	4.7	3.0	5.5	1.1	.5	.5	.4	.5	.4	.3	.3	23	9.9
2	BD	.4	.5	.5	.5	.7	.7	.7	.9	1.0	1.1	1.1	1.2	1.1	1.1	.9	.8	.7	.4	.5	.6	.6	.4	.4	23	1.2
3	BD	.3	.5	.5	.3	.4	.5	.4	.5	.7	5.0	13.8	5.0	4.0	10.5	10.6	3.0	5.6	2.0	.5	.4	.5	.2	.5	23	13.8
4	BD	.6	.5	.4	.4	.7	.6	.7	.5	1.0	1.1	1.2	1.3	3.1	4.5	2.6	1.0	.7	.4	.5	.4	.6	.5	.5	23	4.5
5	BD	.6	.5	.4	.4	.6	1.7	.6	.5	1.4	2.5	1.9	1.6	1.5	1.5	1.4	1.4	1.1	.4	.3	.3	.1	.4	.3	23	2.5
6	BD	.3	.3	.4	.5	.5	.9	.8	.6	.6	1.3	1.1	.9	1.1	1.1	.8	.9	.7	.3	.3	.2	.3	.3	.3	23	1.3
7	BD	.2	.4	.2	.2	.2	.3	.9	.5	.4	.4	.4	.4	.4	.2	.3	.3	.3	.1	.2	.1	.2	.2	.1	23	.9
8	BD	.1	-.1	.0	.1	.0	.1	.2	.2	.3	.1	.2	1.1	8.3	BA	4.7	1.9	.9	.5	.4	.4	.4	.2	.3	22	8.3
9	BD	.3	.2	.4	.4	.8	3.0	4.7	2.9	2.0	1.4	1.3	1.1	1.0	.8	.8	.9	2.1	.9	.6	.5	.4	.8	.7	23	4.7
10	BD	.5	.8	.7	.7	.6	.7	.8	.7	.9	.8	1.0	1.1	1.1	1.0	1.0	.7	.6	.7	.5	.5	.5	.5	.6	23	1.1
11	BD	.6	.5	.6	.6	.4	.3	.3	.4	.3	.3	.3	.2	.2	.3	.2	.3	.1	.3	.3	.3	.1	.1	.3	23	.6
12	BD	.3	.2	.2	.3	.4	.2	.3	.3	.3	.4	.3	BA	.8	6.8	9.5	4.4	.8	.4	.5	.4	.3	.4	.2	22	9.5
13	BD	.3	.4	.2	.3	.4	.2	.1	.2	.2	.3	.4	.0	.3	.4	.1	.1	.1	.1	.1	.2	.1	.1	.2	23	.4
14	BD	.3	.2	.3	.2	.3	.5	.9	.7	.8	1.3	1.2	1.2	1.3	1.5	3.8	9.7	2.7	.7	.4	.4	.4	.5	.5	23	9.7
15	BD	.7	.5	.4	.6	.5	.9	1.3	.9	.7	.8	1.0	.7	.8	.8	1.0	.9	.6	.5	.5	.3	.3	.6	.5	23	1.3
16	BD	.5	.7	.6	.5	.6	.7	1.0	.5	.4	.5	.3	.5	.5	.5	.2	.3	.3	.3	.4	.4	.4	.3	.4	23	1.0
17	BD	.5	.4	.5	.5	1.3	5.2	7.3	12.9	18.2	15.4	8.4	19.0	12.0	12.9	14.9	20.3	17.6	2.7	2.2	2.1	1.5	1.1	.8	23	20.3
18	BD	1.1	1.1	1.1	1.4	.9	1.1	1.2	1.6	2.0	1.9	1.8	3.6	18.2	6.1	2.0	1.7	1.6	1.6	1.3	1.2	1.1	.9	.9	23	18.2
19	BD	1.0	.9	.8	.9	1.1	1.5	2.0	1.5	.9	.9	.9	.7	.6	.6	.6	.7	.7	.6	.6	.6	.5	.6	.5	23	2.0
20	BD	.4	.4	.4	.6	.5	.7	1.1	.8	1.1	1.5	15.7	23.7	15.6	3.2	1.6	1.5	.9	.9	.6	.5	.6	.7	.6	23	23.7
21	BD	.7	.7	.6	.6	.6	.8	.8	1.1	1.2	1.5	1.5	1.8	9.3	24.0	19.0	11.0	2.2	.8	.6	.6	.7	.5	.6	23	24.0
22	BD	.7	.7	.7	.8	.8	.8	1.0	1.0	1.0	1.0	.9	.8	.8	.8	.7	.8	.7	.7	.7	.7	.7	.7	.7	23	1.0
23	BD	.6	.5	.6	.6	.6	.6	.4	.5	.6	.4	.6	.5	.6	.6	.5	.5	.6	.5	.5	.5	.6	.4	.4	23	.6
24	BD	.5	.3	.4	.4	.3	.4	.5	.4	.4	.5	.5	.7	2.3	25.2	13.2	7.6	2.8	.9	.5	.3	.5	.4	.5	23	25.2
25	BD	.5	.3	.4	.5	.5	.4	.3	.4	.5	.7	.7	.7	.7	.7	.8	.7	.6	.6	.6	.5	.6	.6	.5	23	.8
26	BD	.5	.6	.6	.5	.5	.5	.6	.5	.5	.4	.4	.4	.4	.3	.4	.3	.2	.2	.1	.2	.2	.0	.1	23	.6
27	BD	.2	.1	.0	.1	.1	.1	.3	.3	.4	.4	.6	.8	.8	.6	.6	.4	.3	.3	.4	.3	.3	.4	.3	23	.8
28	BD	.3	.4	.4	.6	.1	.4	.4	.5	.5	.6	.7	.7	.5	.7	.6	1.0	1.2	.6	.6	.4	.4	.4	.5	23	1.2
29																									0	
30																									0	
31																									0	
NO.:		28	28	28	28	28	28	28	28	28	28	28	27	28	27	28	28	28	28	28	28	28	28	28		
MAX:		1.1	1.1	1.1	1.4	1.3	5.2	7.3	12.9	18.2	15.4	15.7	23.7	18.2	25.2	19.0	20.3	17.6	2.7	2.2	2.1	1.5	1.1	.9		
AVG:		.48	.45	.45	.49	.52	.86	1.08	1.17	1.41	1.60	2.43	2.63	3.29	4.06	3.51	2.65	1.69	.68	.54	.49	.48	.45	.45		

MONTHLY OBSERVATIONS: 642 MONTHLY MEAN: 1.38 MONTHLY MAX: 25.2

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

(42401) Sulfur dioxide

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

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

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

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

REPORT FOR: MARCH 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BD	.6	.6	.5	.6	.5	.6	.7	1.1	1.4	5.2	8.7	11.8	6.6	10.7	4.0	3.7	2.4	3.0	2.4	1.2	.9	.8	.5	23	11.8
2	BD	.6	.5	.6	.6	.6	.5	.6	.6	.8	.7	.9	1.0	1.0	1.2	1.4	1.9	1.0	.8	.6	.5	.5	.6	.6	23	1.9
3	BD	.5	.7	.6	.6	.6	.6	.8	1.1	1.4	1.5	1.9	8.9	12.6	8.6	19.5	8.2	7.0	2.5	.9	.8	.8	.9	.9	23	19.5
4	BD	.9	.8	.8	1.0	1.1	1.4	1.6	1.6	1.4	1.6	5.5	2.9	BA	12.0	9.1	4.8	4.8	1.5	1.6	1.1	.8	.8	1.0	22	12.0
5	BD	1.2	.9	1.0	1.1	1.1	.9	1.0	2.0	3.0	2.7	2.1	1.6	1.7	2.0	1.8	1.9	1.9	1.7	1.7	1.2	1.3	1.1	.9	23	3.0
6	BD	.7	.6	.6	.6	.6	.7	7.4	3.6	1.9	16.3	19.2	10.2	8.4	13.4	16.2	10.1	2.7	1.6	1.6	1.8	1.7	1.6	1.3	23	19.2
7	BD	2.1	3.8	3.1	2.1	3.4	3.9	5.4	4.2	2.9	AZ	AZ	AZ	AZ	AZ	4.1	2.0	1.9	1.5	1.6	1.4	1.4	1.1	1.1	18	5.4
8	BD	1.2	1.2	1.0	1.0	1.0	1.1	1.5	2.0	1.8	1.7	1.7	1.5	1.7	1.3	1.2	1.0	1.0	1.1	1.1	1.3	1.0	1.0	1.1	23	2.0
9	BD	1.1	1.1	1.0	1.0	.9	.8	1.2	1.8	1.4	1.3	1.2	1.1	1.1	1.1	1.1	1.0	.9	1.2	.9	.8	.6	.9	.8	23	1.8
10	BD	.8	.6	.8	.8	.8	.8	.8	.6	.8	.8	1.0	.8	.7	.8	.6	.8	.9	.6	.8	.6	.6	.7	.7	23	1.0
11	BD	.6	.5	.6	.7	.6	.6	.6	.6	.4	.6	.6	.6	.5	.4	.7	.5	.6	.5	.4	.5	.5	.5	.4	23	.7
12	BD	.5	.3	.4	.3	.3	.4	.4	.4	.4	.4	.3	.2	.3	.3	.2	.2	.2	.2	.3	.1	.2	.3	.3	23	.5
13	BD	.3	.4	.2	.3	.5	.5	1.1	1.1	1.0	1.1	7.6	14.0	10.3	5.0	3.9	11.4	3.2	1.7	.8	.3	.4	1.1	1.2	23	14.0
14	BD	.6	.8	.9	.8	.9	.9	1.3	1.4	1.5	1.5	3.0	8.2	6.0	3.5	11.5	15.1	8.0	1.5	.9	.8	.8	.6	.8	23	15.1
15	BD	.7	.9	.9	.8	.9	.9	.9	1.3	1.5	20.5	7.1	1.3	1.2	1.2	1.3	1.3	1.6	1.2	.8	.6	.7	.8	.9	23	20.5
16	BD	.8	1.0	.9	.8	1.0	.9	1.4	1.8	2.3	1.8	1.7	1.6	1.3	1.3	1.4	1.2	1.2	1.1	.9	.8	.8	.6	.6	23	2.3
17	BD	.6	.6	.8	.5	.5	.6	.7	1.1	1.3	20.7	13.8	4.9	1.4	1.2	.7	.5	.5	.5	.5	.5	.4	.6	.5	23	20.7
18	BD	.5	.3	.6	.6	.4	.5	.3	.4	.5	.6	.5	.8	.7	.8	.7	.5	.3	.4	.3	.4	.5	.6	.4	23	.8
19	BD	.5	.4	.5	.3	.4	.4	.3	.4	1.2	13.8	8.7	5.8	6.2	16.1	31.9	2.7	1.2	1.2	1.3	2.4	1.3	4.2	1.7	23	31.9
20	BD	1.6	2.6	.9	1.0	.9	.8	.9	.9	1.1	.7	.9	.7	.8	.7	.8	.7	.8	.9	.9	.6	.5	.5	.5	23	2.6
21	BD	.5	.5	.7	.6	.7	.6	.9	1.5	1.7	7.5	9.7	16.7	5.4	11.2	10.6	13.0	19.9	4.0	1.4	1.6	1.0	1.1	1.1	23	19.9
22	BD	1.0	.8	1.2	1.8	1.6	1.8	3.0	2.9	30.7	7.3	13.5	48.3	12.1	2.0	1.6	1.6	1.7	2.2	1.6	.9	.7	.9	.7	23	48.3
23	BD	.7	.6	.8	.6	.9	.9	.8	2.3	3.0	1.5	.8	1.1	1.9	6.5	12.2	5.4	2.2	1.4	.9	.8	.7	.6	.6	23	12.2
24	BD	.6	.7	.7	.7	.4	.5	.5	.6	.6	.6	.5	.5	.4	.4	.6	.4	.5	.3	.2	.3	.4	.4	.4	23	.7
25	BD	.3	.3	.4	.3	.3	.4	.4	.4	.5	.7	.8	.8	.6	.7	.6	.6	.6	.6	.6	.7	.6	.6	.5	23	.8
26	BD	.7	.5	.7	.6	.7	.7	1.0	16.0	20.3	13.7	14.9	21.3	21.3	19.1	17.3	8.1	12.5	3.2	1.5	1.4	1.0	.8	.9	23	21.3
27	BD	1.1	1.2	1.0	.8	.9	1.1	2.7	2.1	1.6	1.6	5.8	7.8	8.8	16.7	5.9	16.7	8.1	3.1	1.4	1.2	1.0	1.5	2.8	23	16.7
28	BD	1.0	1.0	1.2	1.0	1.1	1.3	1.8	2.1	1.8	1.7	4.9	16.3	23.2	8.8	6.5	6.6	2.0	1.6	1.3	1.0	.8	.9	.8	23	23.2
29	BD	1.0	1.1	1.0	.8	1.1	1.1	1.0	1.4	1.1	1.4	3.8	9.1	3.6	10.0	1.6	1.6	1.3	1.1	1.0	.6	.7	.6	.7	23	10.0
30	BD	.9	.9	.8	.8	.7	.6	.6	.5	.4	.6	.6	.7	1.4	1.3	1.3	1.2	1.0	.8	.6	.6	.4	.7	.7	23	1.4
31	BD	.5	.6	.6	.7	.5	.4	.5	.6	.7	1.2	1.2	1.3	1.2	1.2	1.1	1.0	1.0	.8	.7	.8	.5	.5	.3	23	1.3
NO.:		31	31	31	31	31	31	31	31	31	30	30	30	29	30	31	31	31	31	31	31	31	31	31		
MAX:		2.1	3.8	3.1	2.1	3.4	3.9	7.4	16.0	30.7	20.7	19.2	48.3	23.2	19.1	31.9	16.7	19.9	4.0	2.4	2.4	1.7	4.2	2.8		
AVG:		.80	.86	.83	.78	.84	.88	1.36	1.88	2.92	4.38	4.76	6.73	4.91	5.32	5.53	4.05	3.00	1.41	1.02	.89	.76	.90	.83		

MONTHLY OBSERVATIONS: 707 MONTHLY MEAN: 2.40 MONTHLY MAX: 48.3

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

(42401) Sulfur dioxide

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

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

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

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

REPORT FOR: APRIL 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BD	.4	.5	.6	.3	.5	.4	.6	.5	.5	-.2	.2	.3	6.2	6.1	6.4	7.0	6.2	.9	.4	.5	.2	.3	.4	23	7.0
2	BD	.2	.1	.0	.1	.2	.4	.3	.6	.5	.6	.7	.8	3.0	1.5	1.0	.9	.8	.5	.4	.2	.5	.4	.3	23	3.0
3	BD	.4	.3	.3	.4	.6	.6	.5	.6	.6	.8	1.0	.9	1.1	1.1	1.2	1.2	.8	.8	.6	.5	.6	.6	.7	23	1.2
4	BD	.6	.3	.4	.4	.4	.5	.3	.5	.3	.5	.5	.5	.4	.4	.4	.4	.3	.2	.3	.2	.2	.3	.3	23	.6
5	BD	.3	.4	.2	.2	.2	.2	.3	.3	.2	.3	.3	.3	.2	.2	.1	.2	.3	.2	.4	.5	.3	.4	.4	23	.5
6	BD	.6	.5	.4	.6	.6	.9	.3	.4	.8	1.3	1.2	1.0	.9	.7	.5	.5	.4	.4	.4	.2	.3	.3	.1	23	1.3
7	BD	.3	.2	.4	.2	.3	.5	.3	.4	.4	.3	.4	.5	.4	.3	.4	.4	.4	.2	.2	.0	.2	.2	.2	23	.5
8	BD	.3	.2	.3	.7	.3	.3	.4	.2	.3	.4	.4	.3	.4	.6	.4	.4	.2	.2	.1	.0	.0	.1	.0	23	.7
9	BD	.2	.2	.1	.1	.5	.4	.2	.1	.2	.3	.3	.3	.2	.3	.2	.1	.3	.0	-.1	.0	.1	-.1	.0	23	.5
10	BD	.2	.0	.0	.1	.0	.1	.0	.1	.2	.3	.3	.3	.1	.2	.0	.1	.1	.0	.1	-.1	.0	.0	-.2	23	.3
11	BD	.1	.1	-.1	.0	.0	.0	.0	-.1	.2	.0	-.1	.0	.1	.1	.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	23	.2
12	BD	.0	.2	.2	.3	.0	-.3	-.1	-.3	-.2	-.1	-.2	.0	.1	-.1	-.3	-.3	-.2	-.3	-.3	-.2	-.2	-.3	-.2	23	.3
13	BD	-.1	-.2	-.3	-.4	-.2	-.1	.3	.2	.1	.2	.2	.2	.2	.1	.3	.1	.1	.0	.0	-.1	-.1	-.1	.0	23	.3
14	BD	.1	.1	.0	-.1	.0	.1	.0	.2	1.5	2.3	1.2	.9	.7	.6	.6	.5	.4	.3	.2	.1	.1	.2	.1	23	2.3
15	BD	.0	.0	-.1	-.1	.0	.0	-.1	-.1	.1	-.1	.0	.0	.1	.1	.0	.0	.1	-.1	-.1	-.1	-.1	.1	-.1	23	.1
16	BD	.0	-.1	-.1	.0	.0	.0	.1	.0	.0	.1	.1	.1	.0	.1	.0	-.1	-.1	-.1	.0	-.1	.0	.0	.1	23	.1
17	BD	.0	.0	.0	.1	.4	.2	.1	.0	8.6	35.9	13.8	6.8	2.0	1.0	1.0	.6	.3	.2	.1	.0	.2	.1	.2	23	35.9
18	BD	.1	.1	.0	.1	.2	.0	.2	.1	.0	.0	.0	.1	-.1	.0	-.1	-.2	-.3	-.2	-.1	-.2	-.2	-.3	-.3	23	.2
19	BD	-.1	-.2	-.3	-.2	-.2	-.1	-.1	-.3	-.3	-.3	-.1	-.2	-.3	-.3	-.3	-.2	-.2	-.2	-.3	-.1	-.1	-.1	-.3	23	-.1
20	BD	-.1	-.3	-.1	-.2	-.3	-.2	.0	-.2	-.2	.2	.3	.0	.0	.1	.1	.1	.1	.2	-.1	.0	.0	.0	-.1	23	.3
21	BD	.0	.1	.1	.1	.0	.2	.2	.2	.4	.4	.4	.3	.4	.4	.3	.3	.3	.2	.2	.2	.2	.1	.1	23	.4
22	BD	.2	.1	.2	.2	.1	.3	.1	.2	.1	.2	.3	.2	.2	.2	.1	.1	.2	.1	.1	.1	.0	-.1	.0	23	.3
23	BD	.1	.0	-.1	-.1	.2	-.1	-.2	.0	-.2	-.2	.0	-.1	-.2	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.1	-.1	23	.2
24	BD	.0	.0	.1	.1	.1	.0	-.1	.0	-.1	.1	.4	.2	.3	.1	.1	-.1	-.2	-.2	-.3	-.2	-.1	-.2	-.3	23	.4
25	BD	-.2	-.4	-.2	-.2	-.3	-.1	.0	-.1	.1	.2	.3	.2	.1	-.1	-.1	-.2	-.2	-.2	-.3	-.3	-.3	-.1	-.2	23	.3
26	BD	-.2	-.1	-.3	.0	-.2	-.1	-.2	.0	.0	.2	.2	.1	.2	.0	.1	.1	.0	.1	-.1	-.2	-.1	.0	.0	23	.2
27	BD	.0	-.1	-.1	.0	-.1	-.2	-.1	-.1	.2	.2	.3	.2	.4	.7	.8	.2	.1	.2	.1	.1	.0	.0	-.1	23	.8
28	BD	.1	.0	.1	-.1	.0	-.1	.1	.4	.5	.4	.3	.5	.4	.4	.2	.2	.1	.0	.1	.0	.2	.0	-.1	23	.5
29	BD	.0	.0	-.2	-.1	.1	-.3	-.1	-.1	-.2	-.2	-.3	-.3	-.1	-.1	-.1	-.3	-.1	-.2	-.3	-.2	-.3	-.3	-.2	23	.1
30	BD	-.1	-.3	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.4	-.2	-.1	-.2	-.2	-.2	-.4	-.2	-.3	-.3	-.5	-.2	23	-.1
31																									0	
NO.:		30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:		.6	.5	.6	.7	.6	.9	.6	.6	8.6	35.9	13.8	6.8	6.2	6.1	6.4	7.0	6.2	.9	.6	.5	.6	.6	.7		
AVG:		.11	.06	.04	.07	.10	.11	.10	.11	.48	1.46	.74	.47	.57	.49	.44	.39	.33	.09	.04	.01	.03	.02	.01		

MONTHLY OBSERVATIONS: 690 MONTHLY MEAN: .27 MONTHLY MAX: 35.9

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

(42401) Sulfur dioxide

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

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

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

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

REPORT FOR: MAY 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	BF	-.3	-.4	-.3	-.3	-.1	-.2	-.2	-.2	-.3	-.2	-.3	-.2	-.3	-.3	-.3	-.2	-.3	-.2	-.3	-.2	-.3	-.3	22	-.1
2	BF	BF	-.2	-.1	-.2	-.2	-.3	-.2	-.1	-.2	-.2	-.2	-.3	-.4	-.3	-.5	-.5	-.6	-.6	-.8	-.8	-.8	-.6	-.7	22	-.1
3	BF	BF	-.7	-.7	-.7	-.7	-.7	-.7	-.6	-.6	-.7	-.7	-.6	-.7	-.5	-.6	-.4	-.5	-.5	-.5	-.7	-.6	-.7	-.6	22	-.4
4	BF	BF	-.6	-.6	-.6	-.3	-.5	-.4	-.6	-.5	-.3	-.3	-.3	-.2	-.2	-.2	-.3	-.3	-.3	-.2	-.3	-.4	-.3	-.3	22	-.2
5	BF	BF	-.3	-.3	-.4	-.2	-.3	-.3	-.3	-.3	-.2	-.4	-.2	-.1	.0	-.2	-.2	-.3	-.2	-.3	-.2	-.3	-.2	-.3	22	0.0
6	BF	BF	-.3	-.2	-.3	-.4	-.4	-.3	-.4	-.2	-.4	-.3	-.4	.0	-.1	-.1	-.1	-.1	-.2	-.3	-.3	-.3	-.2	-.5	22	0.0
7	BF	BF	-.6	-.7	-.8	-.7	-.7	-.6	-.4	.2	-.1	-.2	-.4	-.3	-.2	-.4	-.5	-.4	-.4	-.5	-.5	-.4	-.7	-.5	22	.2
8	BF	BF	-.6	-.4	-.5	-.3	-.2	-.4	-.5	-.3	-.6	-.7	-.6	-.4	-.3	-.3	-.3	-.4	-.5	-.5	-.3	-.2	-.2	-.2	22	-.2
9	BF	BF	-.5	-.4	.0	-.2	-.2	-.2	22.3	53.9	30.9	14.5	14.2	15.8	6.1	5.0	2.5	.3	.8	-.1	-.6	-.6	-.7	-.6	22	53.9
10	BF	BF	-.8	-.7	-.5	-.4	-.6	-.5	-.4	.5	.3	.0	.0	-.1	-.3	-.2	-.3	-.2	-.7	-.8	-.7	-.9	-.9	-.9	22	.5
11	BF	BF	-1.2	-1.2	-1.3	-1.2	-1.2	-1.2	-1.2	-1.2	-1.3	-1.2	-.9	-.9	-1.0	-1.1	-.8	-1.0	-1.1	-1.4	-1.3	-1.2	-1.1	-1.0	22	-.8
12	BF	BF	-1.3	-1.3	-1.3	-1.3	-1.1	-1.1	-.8	-.8	-.8	-.8	-.8	-.9	-1.0	-1.1	-1.2	-1.2	-1.1	-1.2	-1.3	-1.1	-1.1	-1.2	22	-.8
13	BF	BF	-1.2	-1.2	-1.2	-1.1	-.9	-.9	-.8	-1.0	-1.0	-.8	-.8	-.8	-.9	-1.1	-1.0	-.6	-1.0	-.6	-1.2	-1.3	-1.3	-1.4	22	-.6
14	BF	BF	-1.5	-1.4	-1.3	-1.3	-1.4	-1.2	-1.1	-.9	-1.1	-.7	-.9	-.4	-.5	-.6	-.7	-.4	-.9	-1.1	-1.1	-1.2	-1.2	-1.0	22	-.4
15	BF	BF	-.8	-.8	-.6	-.6	-.6	-.5	-.1	-.1	.0	.3	.2	.2	.1	.3	.4	.2	.0	-.1	-.3	-.4	-.4	-.4	22	.4
16	BF	BF	-.4	-.5	-.4	-.5	-.4	.0	.4	.4	.3	.3	.2	-.2	-.1	-.1	.0	-.1	-.3	-.3	-.3	-.2	-.5	-.2	22	.4
17	BF	BF	-.4	-.5	-.4	-.4	-.4	.2	.3	.2	11.8	28.2	13.8	4.1	3.9	4.2	.3	.2	.0	-.4	-.6	-.5	-.6	-.5	22	28.2
18	BF	BF	-.6	-.5	-.5	-.5	-.5	-.4	-.1	-.2	-.3	-.3	-.4	-.2	-.2	-.2	-.3	-.3	-.4	-.4	-.5	-.4	-.3	-.4	22	-.1
19	BF	BF	-.4	-.4	-.6	-.5	-.5	-.5	-.4	-.5	-.3	-.4	-.3	-.4	-.5	-.5	-.3	-.4	-.5	-.5	-.5	-.7	-.4	-.5	22	-.3
20	BF	BF	-.6	-.4	-.5	-.6	-.7	-.6	-.5	-.6	-.7	-.4	-.6	-.5	-.4	-.7	-.5	-.6	-.7	-.7	-.6	-.6	-.4	-.5	22	-.4
21	BF	BF	-.4	-.5	-.5	-.6	-.4	-.6	-.6	-.5	-.1	-.2	.0	-.4	-.4	-.4	-.4	-.3	-.5	-.6	-.5	-.6	-.6	-.7	22	0.0
22	BF	BF	-.8	-.7	-.6	-.5	-.5	-.6	-.7	-.4	BA	BA	BA	-.6	-.5	-.8	-1.0	-.8	-.9	-.8	-.8	-.9	-.9	-.7	19	-.4
23	BF	BF	-.7	-.8	-.9	-1.0	-1.0	-1.1	-1.0	-.9	-1.0	-1.2	-1.2	-1.3	-1.1	-.9	-1.0	-1.1	-1.0	-1.0	-.9	-.9	-.9	-.8	22	-.7
24	BF	BF	-.8	-.8	-.8	-.9	-1.1	-.8	-.6	-.7	-.8	-1.4	-.9	-1.0	-.6	-.6	-.4	-.3	-.3	-.7	-.7	-.6	-.7	-.6	22	-.3
25	BF	BF	-.6	-.6	-.6	-.5	-.2	-.1	-.3	-.1	-.2	.1	.3	.2	.3	.4	.1	-.1	-.1	-.3	-.4	-.5	-.6	-.6	22	.4
26	BF	BF	-.5	-.7	-.5	-.5	-.5	-.3	-.3	.0	.1	.0	.2	.1	.3	1.0	1.0	1.4	.6	-.3	-.3	-.2	-.1	-.4	22	1.4
27	BF	BF	-.2	.1	-.1	-.2	-.1	-.2	-.1	.0	-.1	-.2	-.1	-.1	-.1	.1	.2	.6	.1	-.2	-.3	-.4	-.3	-.3	22	.6
28	BF	BF	-.3	-.3	-.2	-.3	-.4	-.3	-.2	-.1	-.1	.0	-.2	-.2	-.2	-.3	.0	-.3	-.2	-.4	-.5	-.4	-.6	-.6	22	0.0
29	BF	BF	-.4	-.5	-.3	-.5	-.5	-.7	-.4	-.4	-.3	-.2	-.4	-.5	-.3	-.3	-.2	-.4	-.5	-.6	-.5	-.4	-.6	-.5	22	-.2
30	BF	BF	-.5	-.6	-.5	-.5	-.5	-.4	-.6	-.6	-.5	-.7	-.7	-.6	-.6	-.7	-.6	-.7	-.6	-.6	-.8	-.7	-.7	-.7	22	-.4
31	BF	BF	-.6	-.5	-.5	-.3	-.7	-.7	-.6	-.6	-.6	-.6	-.5	-.6	-.6	-.2	-.5	-.2	-.4	-.5	-.5	-.7	-.7	-.6	22	-.2
NO.:			31	31	31	31	31	31	31	31	30	30	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:			-.2	.1	0.0	-.2	-.1	.2	22.3	53.9	30.9	28.2	14.2	15.8	6.1	5.0	2.5	1.4	.8	-.1	-.2	-.2	-.1	-.2		
AVG:			-.62	-.60	-.58	-.56	-.57	-.51	.29	1.40	1.05	1.04	.57	.27	-.02	-.05	-.24	-.29	-.41	-.55	-.60	-.60	-.61	-.60		

MONTHLY OBSERVATIONS: 679 MONTHLY MEAN: -.13 MONTHLY MAX: 53.9

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

(42401) Sulfur dioxide

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

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

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

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

REPORT FOR: JUNE 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BD	-.5	-.6	-.7	-.6	-.4	-.5	-.6	-.6	-.5	-.6	-.4	-.2	-.4	-.4	-.6	-.5	-.6	-.5	-.8	-.7	-.8	-.8	-.7	23	-.2
2	BD	-.6	-.8	-.8	-.7	-.7	-.9	-.7	-.7	-.8	-.8	-.8	-.7	-.8	-.7	-.7	-.5	-.8	-.8	-.8	-.8	-.9	-.6	-.6	23	-.5
3	BD	-.6	-.7	-.8	-.8	-.8	-.7	-.7	-.6	-.7	-.7	-.8	-.7	-.8	-.9	-.8	-.8	-.8	-.8	-.6	-.9	-1.1	-.9	-.9	23	-.6
4	BD	-.3	-.6	-.8	-.9	-.9	-.9	-1.0	-.9	-1.0	-1.0	-.9	-.9	BA	BA	-.9	-1.0	-1.0	-1.0	-1.0	-1.1	-1.0	-.9	-.9	21	-.3
5	BD	-.5	-.8	-.7	-.6	-.6	-.7	-.9	-.6	-.5	-.7	-.7	-.7	-.8	-.6	-.6	-.8	-.8	-.7	-.8	-.8	-.9	-1.0	-.8	23	-.5
6	BD	-.6	-.7	-.8	-.9	-.9	-.8	-1.0	-1.0	-1.1	-1.0	-.9	-1.0	-1.0	-1.2	-1.1	-1.1	-1.2	-1.2	-1.2	-1.2	-1.3	-1.2	-1.2	23	-.6
7	BD	-1.1	-1.2	-1.3	-1.1	-1.0	-1.1	-1.1	-1.1	-.9	-.8	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-.9	-.8	-.8	-.9	-1.0	-.8	23	-.8
8	BD	-.6	-.9	-.9	-.8	-.9	-1.0	-1.1	-.8	-.9	-.9	-.9	-.9	-1.0	-1.0	-1.0	-.7	-1.0	-1.0	-1.0	-1.0	-.9	-1.0	-.8	23	-.6
9	BD	-.5	-.7	-.8	-.7	-.8	-.7	-.9	-1.1	-1.1	-.8	-1.0	-.9	-.9	-.8	-.9	-1.0	-1.1	-1.1	-1.0	-1.2	-1.1	-1.0	-1.2	23	-.5
10	BD	-.7	-.8	-1.1	-1.0	-1.0	-.9	-.9	-1.0	-.9	-.7	-.8	-.7	-.8	-.6	-.6	-.7	-.8	-.8	-1.1	-1.0	-1.0	-1.1	-1.0	23	-.6
11	BD	-.7	-.9	-.9	-.6	-.7	-.8	-.8	-.8	-.8	-.9	-.9	-.9	-.8	-.9	-.9	-.8	-.8	-.7	-.9	-1.0	-1.0	-1.0	-.9	23	-.6
12	BD	-.6	-.8	-.7	-.9	-.6	-.8	-.9	-.9	.3	-.4	-.7	-.8	-.7	-.6	-.7	-.7	-.9	-.8	-.9	-.7	-.8	-.9	-.9	23	.3
13	BD	-.6	-.9	-.7	-.9	-.8	-1.0	-.9	-.9	-.8	-.8	-.9	-.9	-1.3	-1.4	-1.4	-1.1	-.9	-.9	-.9	-.9	-.6	-.5	-.9	23	-.5
14	BD	-.6	-1.0	-1.0	-.9	-.9	-.8	-.7	-.6	-.7	-.8	-.9	-1.0	-1.2	-.9	-1.0	-1.3	-1.0	-.9	-1.0	-.9	-.7	-.9	-1.0	23	-.6
15	BD	-.5	-.7	-.6	-.7	-.7	-.7	-.8	.5	1.9	.5	-.3	1.8	.8	-.7	-.6	-.8	-.6	-.9	-.8	-.7	-.7	-.7	-.8	23	1.9
16	BD	-1.1	-1.1	-1.4	-1.3	-1.0	-1.1	-1.2	-.8	-.8	-.7	-.6	-.5	-.5	-.7	-.9	-.8	-.6	-.8	-.6	-.6	-.8	-.8	-.7	23	-.5
17	BD	-.8	-.9	-1.0	-1.0	-1.2	-1.3	-1.2	-1.3	-1.1	-.7	-.9	-.8	-.8	-.7	-.7	-.5	-.6	-.7	-.7	-.7	-.8	-.7	-.7	23	-.5
18	BD	-.8	-.7	-.8	-.7	-.7	-.9	-.6	-.7	-.9	-.7	-.7	-.9	-.8	-.8	-.7	-.8	-.9	-.7	-.8	-.8	-.9	-.8	-.6	23	-.6
19	BD	-.6	-.8	-.8	-.8	-.9	-.8	-.9	-.8	-.7	-.7	-.7	-.6	-.7	-.8	-.7	-.7	-.7	-.6	-.7	-.6	-.4	-.6	-.7	23	-.4
20	BD	-.5	-.6	-.6	-.7	-.6	-.8	-.8	-.8	-.7	-.8	-.7	-.7	-.8	-.8	-.8	-.9	-.8	-.9	-.8	-.9	-.8	-.7	-.9	23	-.5
21	BD	-.8	-.8	-.9	-.8	-.8	-.9	-.8	-.9	-.9	-.9	-1.1	-1.0	-1.0	-.8	-.8	-1.0	-.9	-1.1	-1.1	-.9	-1.1	-.9	-.9	23	-.8
22	BD	-.7	-1.0	-1.2	-1.3	-1.2	-1.2	-1.1	-1.2	-1.2	-1.1	-1.0	-1.2	-1.1	-1.1	-1.2	-1.1	-.9	-1.1	-1.2	-1.1	-1.1	-1.2	-1.1	23	-.7
23	BD	-.6	-1.0	-1.0	-1.0	-1.0	-.9	-.9	-.8	-.9	-1.0	-1.1	-1.0	-1.0	-.9	-1.0	-.9	-1.0	-1.0	-1.1	-1.0	-1.0	-1.0	-1.0	23	-.6
24	BD	-.6	-.9	-.9	-.7	-.8	-.8	-.9	-1.0	-.8	-.8	-.9	-1.0	-.9	-.8	-.7	-.7	-.8	-.9	-.9	-.9	-.9	-.9	-.9	23	-.6
25	BD	-.6	-.7	-.8	-.7	-.6	-.7	-.8	-.8	-.8	-.8	-.7	-.7	-.8	-1.1	-.9	-1.0	-1.1	-.8	-.8	-.7	-.8	-.8	-1.0	23	-.6
26	BD	-.6	-.9	-.8	-.8	-.8	-.9	-.8	-1.0	-.9	-.8	-.8	-.8	-.9	-.9	-1.1	-.9	-.9	-1.0	-1.1	-1.0	-1.0	-.7	-.9	23	-.6
27	BD	-.7	-.9	-1.0	-.7	-.8	-.8	-.8	-.9	-1.0	-1.1	-1.0	-.8	-.9	-.9	-.9	-1.0	-1.0	-1.1	-1.0	-1.0	-1.0	-1.1	-1.1	23	-.7
28	BD	-1.0	-1.0	-1.0	-1.2	-1.0	-1.0	-1.0	-.9	-1.0	-.9	-1.0	-1.0	-1.1	-1.0	-1.0	-1.1	-1.1	-1.0	-1.0	-1.1	-1.1	-1.0	-1.0	23	-.9
29	BD	-.7	-1.0	-.9	-1.0	-1.0	-1.0	-1.1	-1.0	-1.0	-1.0	-1.0	-.9	-.9	-.9	-1.0	-1.0	-1.1	-.9	-1.0	-.9	-1.0	-.9	-1.0	23	-.7
30	BD	-.5	-.8	-.9	-.9	-1.1	-1.1	-1.0	-.9	-1.0	-1.0	-.9	-1.1	-1.0	-1.0	-1.0	-1.1	-1.0	-1.1	-1.0	-.9	-1.1	-.9	-.9	23	-.5
31																									0	
NO.:		30	30	30	30	30	30	30	30	30	30	30	30	29	29	30	30	30	30	30	30	30	30	30		
MAX:		-.3	-.6	-.6	-.6	-.4	-.5	-.6	.5	1.9	.5	-.3	1.8	.8	-.4	-.6	-.5	-.6	-.5	-.6	-.6	-.4	-.5	-.6		
AVG:		-.65	-.84	-.89	-.86	-.84	-.88	-.90	-.83	-.74	-.78	-.83	-.75	-.82	-.86	-.87	-.88	-.89	-.89	-.91	-.89	-.92	-.88	-.89		

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: -.85 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 Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JULY 2013

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	-.9	-.9	-1.0	-.9	-.9	-.9	-1.0	-1.0	-.9	-.8	-.8	-.9	-1.0	-1.0	-.9	-.8	-.8	-.9	-1.0	-1.0	-.9	-.9	23	-.6
2	BF	-.6	-.9	-.8	-.8	-.8	-.9	-.6	-.8	-.7	-.7	-.8	BA	-.6	-.7	-.9	-.9	-.7	-.9	-.8	-.8	-.8	-.8	-.7	22	-.6
3	BF	-.6	-.7	-.8	-.8	-.8	-.9	-.7	-.8	-.8	-.8	-.7	-.8	-.7	-.7	-.8	-.9	-.7	-.8	-.9	-.9	-.7	-.8	-.8	23	-.6
4	BF	-.5	-.8	-.8	-.7	-.8	-.6	-.8	-.8	-.8	-.7	-.7	-.8	-.7	-1.0	-.7	-.8	-.8	-.8	-.7	-.7	-.7	-.7	-.6	23	-.5
5	BF	-.5	-.6	-.6	-.5	-.5	-.7	-.6	-.7	-.7	-.6	-.6	-.7	-.6	-.6	-.5	-.5	-.5	-.6	-.6	-.6	-.6	-.7	-.7	23	-.5
6	BF	-.3	-.8	-.8	-.6	-.7	-.9	-.7	-.7	-.7	-.6	-.8	-.8	-.7	-.8	-.8	-.8	-.9	-.9	-.8	-.8	-.9	-.8	-.8	23	-.3
7	BF	-.4	-.8	-.8	-.7	-.7	-.8	-.9	-.8	-.9	-.8	-1.0	-.8	-.8	-1.0	-1.0	-.9	-1.0	-.9	-1.0	-1.0	-1.0	-.8	-1.0	23	-.4
8	BF	-.8	-.8	-.9	-.8	-1.0	-.8	-.9	-.8	-.9	-.8	-.8	-.9	-.9	-.9	-.8	-.7	-1.0	-.7	-.8	-.9	-.8	-.7	-.7	23	-.7
9	BF	-.7	-.8	-.8	-.7	-.8	-.8	-.8	-.9	-.7	-.8	-.8	-.7	-.8	-.8	-.7	-.8	-1.0	-.7	-.9	-.8	-.8	-.8	-.8	23	-.7
10	BF	-.5	-.7	-.8	-.8	-.8	-.7	-.7	-.8	-.8	-.7	-.8	-.8	-.8	-.7	-.7	-.5	-.8	-.7	-.7	-.8	-.9	-.8	-.9	23	-.5
11	BF	-.5	-.9	-.7	-.7	-.8	-.8	-.7	-.8	-.7	-.9	-.7	-.8	-.8	-.8	-.8	-.8	-.8	-.8	-.8	-.8	-.7	-.9	-.9	23	-.5
12	BF	-.6	-.8	-.7	-.8	-.7	-.7	-.9	-.9	-.8	-.8	-.8	-.9	-.7	-.8	-.8	-.8	-.8	-.7	-.8	-.7	-.8	-.7	-.7	23	-.6
13	BF	-.5	-.7	-.6	-.8	-.8	-.9	-.6	-.7	-.9	-.8	-.9	-.8	-.8	-.7	-.8	-.8	-.8	-.8	-.8	-.8	-.8	-.8	-.7	23	-.5
14	BF	-.5	-.8	-.8	-.6	-.7	-.9	-.8	-.8	-.8	-.9	-.7	-.7	-.7	-.5	-.7	-.6	-.7	-.7	-.8	-.8	-.8	-.7	-.6	23	-.5
15	BF	-.3	-.6	-.7	-.7	-.7	-.7	-.8	-.6	-.8	-.7	-.7	-.8	-.9	-.8	-.7	-.7	-.8	-.9	-.7	-.7	-.8	-.6	-.7	23	-.3
16	BF	-.4	-.4	-.6	-.5	-.6	-.5	-.4	-.5	-.4	-.4	-.5	-.5	-.2	7.6	2.6	.5	.3	-.2	-.3	-.5	-.5	-.4	-.4	23	7.6
17	BF	-.1	-.5	-.3	-.5	-.5	-.8	-.5	-.2	-.4	-.5	-.6	-.7	-.6	-.5	-.6	-.6	-.7	-.7	-.8	-.6	-.6	-.8	-.6	23	-.1
18	BF	-.3	-.6	-.6	-.6	-.7	-.6	-.8	-.8	-.5	-.4	-.5	-.5	-.6	-.6	-.6	-.6	-.7	-.4	-.7	-.6	-.6	-.7	-.6	23	-.3
19	BF	-.5	-.6	-.7	-.6	-.4	-.5	-.6	-.5	-.5	-.6	-.7	-.6	-.7	-.7	-.7	-.6	-.7	-.8	-.8	-.7	-.7	-.8	-.9	23	-.4
20	BF	-.4	-.8	-.8	-.7	-.7	-.8	-.8	-.7	-.5	-.5	-.6	-.8	-.7	-.7	-.6	-.7	-.7	-.8	-.9	-.9	-.9	-.8	-.7	23	-.4
21	BF	-.4	-.7	-.7	-.7	-.8	-.7	-.7	-.7	-.8	-.7	-.8	-.8	-.8	-.5	-.5	-.7	-.5	-.5	-.5	-.6	-.5	-.5	-.7	23	-.4
22	BF	-.3	-.6	-.6	-.5	-.5	-.7	-.6	-.4	-.4	-.5	-.8	-.6	-.5	-.5	-.6	-.4	-.6	-.6	-.7	-.6	-.7	-.7	-.7	23	-.3
23	BF	-.4	-.6	-.9	-.7	-.7	-.5	-.5	-.6	AZ	AZ	AZ	-.5	-.4	-.6	-.6	-.6	-.5	-.5	-.6	-.6	-.6	-.8	-.7	20	-.4
24	BF	-.4	-.6	-.6	-.6	-.7	-.7	-.7	.1	-.5	-.7	-.7	-.6	-.7	-.6	-.8	-.6	-.6	-.7	-.9	-.8	-.8	-.7	-.6	23	.1
25	BF	-.5	-.6	-.6	-.6	-.6	-.5	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.4	-.5	-.5	-.4	-.7	-.6	23	-.3
26	BF	-.5	-.5	-.5	-.6	-.5	-.4	-.6	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.5	-.5	-.6	-.6	-.6	-.6	23	-.4
27	BF	-.3	-.3	-.4	-.5	-.5	-.4	-.4	-.6	-.4	-.5	-.6	-.5	-.5	-.5	-.7	-.5	-.5	-.6	-.6	-.4	-.5	-.6	-.3	23	-.3
28	BF	-.3	-.4	-.6	-.6	-.6	-.6	-.6	-.7	-.7	-.6	-.7	-.6	-.5	-.6	-.5	-.7	-.6	-.6	-.4	-.6	-.5	-.6	-.5	23	-.3
29	BF	-.2	-.6	-.5	-.5	-.5	-.5	-.6	-.6	-.5	-.5	-.5	-.6	-.5	-.6	-.5	-.4	-.6	-.6	-.5	-.6	-.7	-.6	-.6	23	-.2
30	BF	-.3	-.4	-.3	-.4	-.3	-.4	-.4	-.4	-.4	-.3	BA	-.2	-.4	-.4	-.4	-.2	-.3	-.4	-.5	-.5	-.6	-.3	-.3	22	-.2
31	BF	-.4	-.5	-.6	-.4	-.4	-.4	-.4	-.5	-.2	-.3	-.5	-.3	-.3	-.5	-.5	-.4	-.4	-.2	-.4	-.4	-.4	-.5	-.4	23	-.2
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:		-.1	-.3	-.3	-.4	-.3	-.4	-.4	.1	-.2	-.3	-.4	-.2	-.2	7.6	2.6	.5	.3	-.2	-.3	-.4	-.4	-.3	-.3		
AVG:		-.44	-.65	-.67	-.65	-.66	-.68	-.66	-.64	-.63	-.63	-.69	-.66	-.64	-.40	-.57	-.61	-.65	-.65	-.70	-.69	-.71	-.70	-.66		

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: -.64 MONTHLY MAX: 7.6

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

(42401) Sulfur dioxide

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

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

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

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

REPORT FOR: AUGUST 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	-.1	-.4	-.3	-.3	-.5	-.3	-.3	-.4	-.3	-.4	-.4	-.3	-.4	-.5	-.4	-.5	-.4	-.7	-.6	-.6	-.7	-.7	-.5	23	-.1
2	BF	-.2	-.5	-.5	-.7	-.6	-.6	-.7	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.5	-.5	-.6	-.5	-.7	-.6	-.5	-.7	-.7	23	-.2
3	BF	-.2	-.5	-.5	-.5	-.5	-.5	-.6	-.5	-.6	-.4	-.5	-.4	-.4	-.4	-.4	-.5	-.4	-.5	-.4	-.5	-.4	-.4	-.3	23	-.2
4	BF	-.3	-.4	-.5	-.5	-.4	-.4	-.3	.2	.0	5.6	18.6	11.5	.6	.1	-.1	-.2	-.2	-.2	-.4	-.4	-.4	-.5	-.5	23	18.6
5	BF	-.2	-.2	-.3	-.4	-.4	-.3	-.4	-.4	-.3	-.5	-.3	-.1	-.3	-.3	-.4	-.3	-.3	-.3	-.4	-.5	-.5	-.5	-.5	23	-.1
6	BF	-.2	-.5	-.3	-.2	-.3	-.3	-.3	-.2	-.4	-.3	-.3	-.3	-.2	-.2	-.4	-.4	-.4	-.5	-.5	-.4	-.5	-.4	-.4	23	-.2
7	BF	-.4	-.2	-.3	-.2	-.4	-.3	-.4	-.5	-.5	-.5	-.6	-.6	-.5	-.6	-.6	-.6	-.6	-.6	-.8	-.6	-.6	-.5	-.7	23	-.2
8	BF	-.4	-.4	-.5	-.4	-.4	-.4	-.7	-.6	-.5	-.5	-.3	-.3	-.6	-.6	-.7	-.6	-.6	-.5	-.6	-.7	-.7	-.7	-.7	23	-.3
9	BF	-.3	-.7	-.7	-.6	-.6	-.8	-.7	-.8	-.7	-.7	-.5	-.7	-.6	-.5	-.6	-.5	-.7	-.5	-.5	-.7	-.6	-.5	-.7	23	-.3
10	BF	-.4	-.6	-.7	-.7	-.6	-.7	-.8	-.6	-.5	-.5	-.4	-.4	-.5	-.5	-.6	-.4	-.5	-.5	-.4	-.5	-.6	-.7	-.3	23	-.3
11	BF	-.3	-.3	-.5	-.5	-.5	-.5	-.5	-.2	-.3	-.4	-.3	-.4	2.0	-.5	-.6	-.7	-.6	-.6	-.7	-.7	-.6	-.8	-.6	23	2.0
12	BF	-.4	-.6	-.6	-.6	-.5	-.6	-.4	-.4	-.4	-.6	-.6	-.4	-.5	-.5	-.6	-.5	-.5	-.6	-.6	-.6	-.5	-.6	-.6	23	-.4
13	BF	-.5	-.8	-.7	-.7	-.7	-.7	-.8	-.9	-.8	-.7	-.8	-.8	-.6	-.8	-.9	-.9	-.9	-.7	-.8	-.8	-.7	-.7	-.7	23	-.5
14	BF	-.4	-.7	-.7	-.7	-.8	-.8	-.6	-.7	-.6	-.6	-.8	-.9	-.9	-.7	-.8	-.8	-.6	-.8	-.7	-.8	-.8	-.7	-.8	23	-.4
15	BF	-.5	-.7	-.7	-.7	-.7	-.7	-.7	-.8	-.6	-.6	-.6	-.7	-.6	-.7	-.5	-.6	-.6	-.7	-.7	-.6	-.5	-.5	-.6	23	-.5
16	BF	-.5	-.7	-.6	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.7	-.6	-.7	-.7	-.6	-.8	-.8	-.7	-.5	-.7	-.6	23	-.5
17	BF	-.5	-.7	-.7	-.8	-.6	-.7	-.6	-.7	-.5	-.7	-.7	-.6	-.8	-.9	-.7	-.7	-.8	-.8	-.7	-.8	-.7	-.6	-.6	23	-.5
18	BF	-.3	-.6	-.8	-.7	-.7	-.7	-.8	-.3	.6	-.1	-.2	-.5	-.7	-.8	-.8	-.7	-.8	-.7	-.9	-.9	-.9	-.9	-.9	23	.6
19	BF	-.5	-.9	-.9	-1.0	-.9	-1.0	-1.0	-1.1	-1.4	-1.5	-1.1	-1.0	-1.0	-.9	-1.0	-.9	-.8	-.8	-.8	-.8	-.8	-.8	-.9	23	-.5
20	BF	-.4	-.7	-.8	-.7	-.8	-.7	-.7	-.8	-1.1	-.7	-.3	-1.0	-.9	-.6	-.7	-.6	-.6	-.6	-.8	-.7	-.6	-.7	-.5	23	-.3
21	BF	-.3	-.5	-.3	-.4	-.5	-.5	-.4	-.7	1.7	14.6	18.3	1.8	1.2	.6	.8	.0	-.2	-.3	-.3	-.4	-.7	-.8	-.8	23	18.3
22	BF	-.4	-.6	-.6	-.6	-.4	-.5	-.5	-.6	-.7	-.4	-.6	-.6	-.6	-.6	-.5	-.6	-.7	-.6	-.7	-.5	-.7	-.8	-.7	23	-.4
23	BF	-.3	-.7	-.7	-.5	-.6	-.6	-.7	-.8	5.0	BA	1.3	6.1	7.0	44.8	17.4	.8	.0	-.2	-.5	-.6	-.6	-.7	-.8	22	44.8
24	BF	-.7	-.7	-.7	-.7	-.7	-.8	-.9	-.8	-.6	-.5	-.6	-.6	-.5	-.5	-.5	-.6	-.6	-.5	-.6	-.6	-.4	-.5	-.4	23	-.4
25	BF	-.3	-.5	-.7	-.6	-.5	-.6	-.6	-.3	-.4	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.5	-.4	-.4	23	-.3
26	BF	-.3	-.4	-.5	-.4	-.5	-.5	-.4	-.3	-.2	-.3	-.5	-.2	-.3	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.4	23	-.2
27	BF	-.1	-.4	-.4	-.4	-.3	-.4	-.4	-.2	.1	.1	.0	-.1	-.3	-.3	-.3	-.4	-.4	-.5	-.5	-.5	-.5	-.4	-.6	23	.1
28	BF	-.4	-.6	-.7	-.6	-.6	-.6	-.4	-.1	-.2	-.4	-.5	-.4	-.5	-.5	-.5	-.3	-.5	-.6	-.6	-.5	-.6	-.6	-.6	23	-.1
29	BF	-.4	-.6	-.6	-.5	-.6	-.5	-.2	.4	.3	11.5	9.8	6.2	.6	-.3	-.6	-.8	-.7	-.7	-.7	-.8	-.8	-.6	-.8	23	11.5
30	BF	-.5	-.6	-.8	-.7	-.7	-.7	-.7	-.6	-.8	-.8	-.7	-.8	-.7	-.6	-.7	-.8	-.7	-.7	-1.0	-.9	-.9	-.8	-.7	23	-.5
31	BF	-.7	-.7	-.7	-.7	-.8	-.7	-.7	-.7	-.8	-.7	-.7	-.8	-.7	-.9	-.8	-.8	-.8	-.9	-.8	-.8	-.7	-.7	-.8	23	-.7
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	-.2	-.3	-.2	-.3	-.3	-.2	.4	5.0	14.6	18.6	11.5	7.0	44.8	17.4	.8	0.0	-.2	-.3	-.4	-.3	-.3	-.3		
AVG:		-.37	-.56	-.59	-.56	-.57	-.58	-.57	-.50	-.22	.58	1.10	.36	-.11	.96	.05	-.51	-.54	-.57	-.62	-.62	-.61	-.62	-.62		

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: -.27 MONTHLY MAX: 44.8

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

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

REPORT FOR: SEPTEMBER 2013

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	-.9	-.8	-.7	-.9	-.7	-.7	-1.1	-.9	-.8	-.6	-.8	-.6	-.7	-.8	-.7	-.9	-.9	-.9	-.8	-.8	-.7	-.7	23	-.6
2	BF	-.5	-.8	-.8	-.7	-.8	-.8	-.7	-.7	-.7	-.7	-.7	-.8	-.7	-.7	-.6	-.7	-.8	-.9	-.7	-.7	-.9	-.9	-.8	23	-.5
3	BF	-.6	-.6	-.9	-.8	-.7	-.7	-.6	-.4	-.5	-.6	-.6	-.6	-.8	-.7	-.7	-.9	-.8	-.8	-.7	-.8	-.7	-.8	-.8	23	-.4
4	BF	-.3	-.6	-.6	-.7	-.5	-.5	-.6	-.6	-.5	-.5	-.7	-.7	-.6	-.7	-.5	-.7	-.6	-.7	-.7	-.7	-.8	-.8	-.8	23	-.3
5	BF	-.3	-.7	-.6	-.6	-.5	-.4	-.3	-.5	-.6	-.7	-.6	-.7	-.6	-.3	-.4	1.1	.2	-.3	-.4	-.6	-.6	-.6	-.8	23	1.1
6	BF	-.4	-.7	-.7	-.5	-.6	-.6	-.6	-.6	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.7	-.6	-.7	-.8	-.7	-.6	-.8	-.9	23	-.4
7	BF	-.5	-.7	-.7	-.7	-.8	-.7	-.7	-.6	-.5	-.5	-.6	-.7	-.6	-.5	-.5	-.4	-.5	-.6	-.6	-.8	-.8	-.7	-.8	23	-.4
8	BF	-.7	-.7	-.7	-.5	-.5	-.6	-.4	-.7	-.6	.0	-.1	-.4	-.6	-.6	-.5	-.5	-.6	-.4	-.7	-.7	-.8	-.8	-.8	23	0.0
9	BF	-.6	-.6	-.5	-.5	-.6	-.5	-.6	-.1	.5	-.1	-.2	-.2	-.1	-.1	-.3	-.6	-.7	-.6	-.6	-.7	-.5	-.6	-.8	23	.5
10	BF	-.4	-.7	-.7	-.6	-.6	-.6	-.8	-.9	-.7	-.7	-.7	-.8	-.8	-.6	-.6	-.5	-.5	-.6	-.7	-.5	-.5	-.6	-.6	23	-.4
11	BF	-.5	-.5	-.7	-.7	-.6	-.8	-.6	-.7	-.7	-.7	-.6	-.4	-.7	-.6	-.8	-.7	-.8	-.6	-.8	-.7	-.6	-.6	-.6	23	-.4
12	BF	-.5	-.5	-.7	-.7	-.6	-.4	-.5	-.7	13.3	16.0	.3	-.5	7.3	.2	.1	.6	.2	-.5	-.6	-.7	-.8	-.7	-.8	23	16.0
13	BF	-.5	-.8	-.9	-.9	-.7	-.8	-.7	3.3	4.2	1.8	-.2	14.2	58.6	22.9	9.9	3.5	.3	.0	-.1	-.3	-.5	-.4	-.5	23	58.6
14	BF	-.6	-.6	-.6	-.7	-.8	-.8	-.7	-.5	-.4	-.4	-.5	-.5	-.4	-.3	-.4	-.4	-.4	-.6	-.6	-.5	-.6	-.5	-.6	23	-.3
15	BF	-.5	-.6	-.7	-.7	-.8	-.7	-.8	-.6	-.6	-.7	-.7	-.5	-.6	-.6	-.7	-.8	-.7	-.7	-.8	-.8	-.8	-.6	-.8	23	-.5
16	BF	-.4	-.6	-.5	-.3	-.4	-.5	-.5	-.7	-.6	-.6	-.5	-.8	-.8	-.7	-.5	-.6	-.8	-.8	-.8	-.9	-.9	-.9	-.8	23	-.3
17	BF	-.6	-.8	-.7	-.8	-.9	-.9	-.7	-.8	-.7	-.6	-.5	-.5	-.6	-.6	-.6	-.6	-.5	-.5	-.6	-.7	-.8	-.8	-.9	23	-.5
18	BF	-.7	-.9	-.7	-.8	-.6	-.7	-.8	-.8	-.7	-.7	-.5	-.5	-.6	-.7	-.8	-.7	-.7	-.8	-.7	-.8	-.8	-1.0	-.8	23	-.5
19	BF	-.9	-.8	-.8	-.9	-.9	-.7	-.9	-.8	-.8	-.7	-.7	-.8	-.8	-.7	-.9	-.8	-.7	-.9	-.8	-.7	-.9	-.8	-.6	23	-.6
20	BF	-.7	-.8	-.8	-.8	-.8	-.7	-.8	-.9	-.4	-.7	-.6	BA	BA	-.6	-.6	-.7	-.6	-.7	-.7	-.8	-.8	-.9	-1.0	21	-.4
21	BF	-.8	-.9	-1.0	-1.0	-.9	-.9	-.9	-1.0	-1.0	-.9	-1.1	-1.0	-1.0	-1.1	-.9	-.8	-.9	-.9	-.8	-.9	-1.0	-.9	-.8	23	-.8
22	BF	-.7	-.9	-.9	-.9	-.9	-1.0	-1.0	-1.1	-1.0	-.9	1.1	-.3	-.6	-.8	-.8	-.9	-1.0	-1.0	-1.0	-.8	-.9	-1.1	-.8	23	1.1
23	BF	-.7	-.9	-1.0	-.9	-.9	-1.0	-1.0	-.9	-.8	-.8	-.7	-.7	-.7	-.7	-.8	-.6	-.8	-.9	-.9	-.8	-.8	-1.0	-1.0	23	-.6
24	BF	-.8	-.8	-1.0	-.9	-.9	-.8	-.7	-.7	-.5	-.6	-.5	-.6	-.5	-.6	-.6	-.6	-.8	-.9	-.7	-.7	-.6	-.8	-.7	23	-.5
25	BF	-.7	-.8	-.8	-.8	-.7	-.8	-.8	-.9	-.7	-.6	-.6	-.7	-.6	-.5	-.4	-.5	-.4	-.6	-.7	-.5	-.6	-.7	-.9	23	-.4
26	BF	-.7	-.9	-.8	-.7	-.9	-.9	-.9	-.8	-.7	-.6	-.6	-.6	-.6	-.8	-.6	-.7	-.8	-.9	-.8	-.9	-.8	-.8	-.8	23	-.6
27	BF	-.6	-.8	-.8	-.7	-.8	-.7	-.7	-.6	-.7	-.6	-.6	-.7	-.7	-.7	-.7	-.6	-.7	-.6	-.8	-.8	-.8	-.9	-.7	23	-.6
28	BF	-.5	-.7	-.7	-.8	-.7	-.7	-.7	-.7	-.6	-.6	-.6	-.7	-.7	-.6	-.7	-.7	-.6	-.8	-.8	-.7	-.6	-.7	-.6	23	-.5
29	BF	-.5	-.7	-.6	-.8	-.7	-.9	-.5	-.5	-.4	-.8	-.7	-.7	-.5	-.4	-.7	-.6	-.8	-.7	-.7	-.7	-.6	-.7	-.8	23	-.4
30	BF	-.6	-.7	-.7	-.7	-.7	-.6	-.6	-.5	-.5	-.5	-.5	-.5	-.6	-.6	-.7	-.6	-.7	-.7	-.6	-.6	-.5	-.6	-.6	23	-.5
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:		-.3	-.5	-.5	-.3	-.4	-.4	-.3	3.3	13.3	16.0	1.1	14.2	58.6	22.9	9.9	3.5	.3	0.0	-.1	-.3	-.5	-.4	-.5		
AVG:		-.58	-.73	-.75	-.73	-.72	-.71	-.69	-.57	.03	.03	-.49	-.10	1.69	.20	-.25	-.41	-.60	-.69	-.70	-.71	-.72	-.76	-.76		

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: -.43 MONTHLY MAX: 58.6

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

(42401) Sulfur dioxide

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

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

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

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

REPORT FOR: OCTOBER 2013

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	-.6	-.3	.0	.0	-.4	-.6	-.4	-.3	-.4	-.4	-.5	-.5	-.5	-.5	-.6	-.7	-.7	-.6	-.6	-.7	23	0.0
2	BF	-.5	-.6	-.6	-.5	-.4	-.6	-.7	-.6	1.4	1.6	.0	-.4	-.4	-.4	-.3	.0	-.2	-.6	-.7	-.9	-1.0	-1.0	-.8	23	1.6
3	BF	-.6	-.7	-.5	-.6	-.4	-.5	-.8	-.7	-.4	5.2	.3	-.1	-.5	-.6	-.5	-.6	-.6	-.8	-.9	-.8	-.8	-.8	-.8	23	5.2
4	BF	-.7	-.6	-.6	-.6	-.6	-.6	-.5	-.8	-.7	-.6	-.5	-.6	-.5	-.7	-.7	-.8	-.8	-.8	-.8	-.7	-.8	-.9	-.8	23	-.5
5	BF	-.7	-.6	-.6	-.5	-.7	-.4	-.6	-.7	-.4	-.1	-.3	-.5	-.7	-.7	-.6	-.7	-.7	-.7	-.8	-.7	-.8	-.8	-.8	23	-.1
6	BF	-.7	-.6	-.8	-.8	-.8	-.7	-.6	-.7	-.8	-.9	-.8	-.8	-.8	-.9	-.8	-.9	-.9	-.9	-.7	-.8	-.8	-.7	-.8	23	-.6
7	BF	-.7	-.8	-.9	-.8	-.8	-.9	-.9	-.8	-.8	-.9	-.9	-1.0	-.8	-.8	-.9	-.9	-.7	-.9	-1.0	-.9	-1.0	-1.0	-1.0	23	-.7
8	BF	-.8	-.8	-1.0	-1.0	-1.0	-1.1	-1.0	-1.0	-1.0	-1.1	-.9	-1.0	-1.0	-.9	-1.0	-1.0	-.9	-1.0	-.9	-.9	-.9	-.9	-.8	23	-.8
9	BF	-.7	-.8	-.9	-1.0	-.7	-.9	-.8	-.9	AT	AT	AT	AT	-1.0	-.8	-.8	-.9	-1.0	-.9	-.9	-.9	-1.0	-.9	-.9	19	-.7
10	BF	-1.0	-.9	-.9	-.9	-1.0	-.9	-.9	-1.0	-.8	-.9	-.9	-.9	-1.0	-1.0	-1.0	-.9	-1.1	-1.1	-1.0	-1.1	-1.3	-1.2	-1.0	23	-.8
11	BF	-1.1	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.1	-1.1	.2	1.1	.6	-.3	-.9	-1.0	-1.0	-1.1	-1.2	-1.1	-1.2	-1.2	-1.2	-1.2	23	1.1
12	BF	-1.1	-1.1	-1.1	1.6	6.4	1.4	.4	-.1	-.5	-.8	-.6	-.5	-.7	-.7	-.8	-1.0	-1.1	-.9	-1.0	-1.0	-.9	-1.1	-1.1	23	6.4
13	BF	-.8	-1.1	-1.1	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-.8	-.5	-.8	-1.0	-1.1	-1.1	-1.1	-1.0	-.9	-.7	-.8	-1.0	-1.0	-1.1	23	-.5
14	BF	-.8	-1.0	-1.1	-1.1	-1.1	-1.1	-1.0	-1.0	-.9	-1.0	-1.0	-1.0	-1.1	-.9	-.9	-.9	-.9	-1.1	-1.1	-1.0	-1.0	-1.1	-1.0	23	-.8
15	BF	-1.0	-.9	-1.0	-1.1	-1.2	-.9	-1.0	-1.2	-1.2	-1.2	-1.3	-1.2	-1.3	-1.2	-1.2	-1.2	-1.3	-1.3	-1.2	-1.2	-1.2	-1.3	-1.1	23	-.9
16	BF	-1.0	-1.2	-1.3	-1.2	-1.2	-1.1	-1.2	-1.0	-1.1	-.9	-.9	-.7	-.6	-1.0	-1.0	-.8	-1.0	-.8	-1.0	-1.1	-1.0	-1.1	-1.0	23	-.6
17	BF	-.9	-.9	-1.0	-.8	-.8	-1.0	-1.0	-1.1	-1.0	-1.2	-.9	-1.1	-.8	-1.0	-1.2	-1.1	-1.2	-1.2	-1.1	-1.0	-1.2	-1.1	-1.2	23	-.8
18	BF	-1.2	-1.2	-.9	-1.3	-1.1	-1.2	-1.2	-1.1	-1.2	-1.1	BC	BC	BC	-.2	-.1	.2	.0	-.1	-.1	-.2	-.3	-.1	-.1	20	.2
19	BF	-.2	-.1	-.1	-.1	-.2	-.2	.1	-.1	.2	.1	.0	-.2	.0	.0	.0	.0	-.1	-.1	-.3	.1	-.1	.0	-.3	23	.2
20	BF	.1	.0	-.1	-.2	-.2	-.2	.0	-.4	-.1	.0	.0	.0	.2	.0	.0	.0	-.3	-.1	-.2	.2	-.1	-.2	-.2	23	.2
21	BF	-.1	-.2	-.2	-.3	.0	-.1	-.1	.0	.5	.3	.6	.4	-.1	.0	.2	.1	-.1	-.2	-.2	-.2	-.3	.1	.1	23	.6
22	BF	.2	.4	.3	.3	.5	.6	.6	.5	.5	BA	1.5	3.3	1.4	1.0	.7	.4	.4	.4	.2	.4	.3	.0	.0	22	3.3
23	BF	.2	.3	.4	.2	.2	.4	.1	.5	.2	.2	.5	.6	.6	2.2	2.5	2.3	1.0	.8	.7	.5	.4	.4	.3	23	2.5
24	BF	.2	.3	.2	.2	.4	.6	1.1	1.6	1.2	1.3	1.9	7.2	15.5	3.3	.7	.7	.5	.3	.2	.3	.4	.3	.3	23	15.5
25	BF	.5	.4	.4	.3	.3	.5	.4	.6	.6	.6	.7	.5	.6	.7	.5	.5	.5	.6	.5	.8	.7	.8	.8	23	.8
26	BF	.8	.7	.9	.9	1.0	1.0	.9	1.0	1.2	1.6	40.4	4.4	1.4	1.0	1.0	.9	.8	.4	.5	.6	.4	.5	.7	23	40.4
27	BF	.7	.6	.8	.8	.9	.9	1.0	1.1	8.0	2.2	1.4	1.3	1.2	2.3	1.3	1.4	.9	.6	.7	.8	.8	.9	.8	23	8.0
28	BF	.7	.8	.7	.9	.7	1.3	.6	.5	.4	.8	1.2	1.4	1.3	1.4	.9	.6	.7	.5	.6	.6	.6	.6	.6	23	1.4
29	BF	.9	.8	.8	.6	.8	1.1	1.0	.8	.8	1.0	.9	.8	.4	.5	.7	.3	.4	.2	.3	.2	.3	.2	.3	23	1.1
30	BF	.1	.1	-.1	-.1	.1	.6	.7	.6	.2	4.8	10.3	4.6	5.3	1.4	1.1	.4	.4	.4	.3	.3	.3	.2	.2	23	10.3
31	BF	.5	.3	.4	.4	.3	.6	.6	.3	.2	.1	.2	.5	.1	.0	-.1	.0	-.1	.0	-.6	-.3	-.3	-.3	-.3	23	.6
NO.:		31	31	31	31	31	31	31	31	30	29	29	29	30	31	31	31	31	31	31	31	31	31	31		
MAX:		.9	.8	.9	1.6	6.4	1.4	1.1	1.6	8.0	5.2	40.4	7.2	15.5	3.3	2.5	2.3	1.0	.8	.7	.8	.8	.9	.8		
AVG:		-.33	-.36	-.37	-.31	-.10	-.18	-.23	-.26	.06	.28	1.77	.50	.50	-.02	-.16	-.21	-.32	-.39	-.42	-.37	-.43	-.43	-.42		

MONTHLY OBSERVATIONS: 705 MONTHLY MEAN: -.11 MONTHLY MAX: 40.4

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

(42401) Sulfur dioxide

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COUNTY: (129) New Hanover
CITY: (00000) Not in a city
SITE ADDRESS: HIGHWAY 421 NORTH
SITE COMMENTS:
MONITOR COMMENTS:

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

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

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

REPORT FOR: NOVEMBER 2013

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	23	.2
2	BD	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.2	1.3	4.2	2.6	1.0	.3	.1	.0	.0	.0	.2	.1	23	4.2
3	BD	.0	.1	.2	.2	.1	.2	1.1	1.7	1.1	.9	.9	.8	.9	.6	.5	.5	.4	.5	.3	.2	.3	.2	.3	23	1.7
4	BD	.3	.5	.4	.6	.5	.4	.5	.7	.9	.8	.7	.7	.9	.8	.8	.7	.5	.4	.6	.4	.4	.4	.5	23	.9
5	BD	.5	.5	.6	.6	.4	.5	.5	.5	.5	.5	.9	.6	.5	.4	.3	.4	.4	.2	.1	.2	.0	.0	.0	23	.9
6	BD	.0	.0	.0	.0	.0	.0	.1	.4	.4	.4	.1	.2	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
7	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.6	5.4	2.9	1.0	.6	.5	.3	.2	.1	.3	.2	.0	.2	23	5.4
8	BD	.0	.0	.0	.1	.1	.2	.5	.7	.5	.5	.5	.7	.8	.8	.7	.6	.2	.3	.3	.2	.6	.4	.5	23	.8
9	BD	.4	.2	.2	.5	.4	.7	.3	.6	1.0	1.0	.9	.9	.9	.6	.5	.4	.4	.0	.2	.0	.2	.3	.1	23	1.0
10	BD	.3	.1	.0	.1	.1	.1	.0	.0	.9	1.9	1.0	.7	.8	.9	.6	.7	.3	.2	.3	.3	.5	.3	.3	23	1.9
11	BD	.1	.2	.2	.1	.1	.1	.4	.8	.7	.5	.7	.7	.7	.7	.7	.7	.2	.4	.6	.5	.4	.7	.4	23	.8
12	BD	.6	.4	.6	.6	.6	.5	.7	.5	1.4	8.8	16.0	6.1	2.0	BA	BA	1.0	.9	.5	.2	.5	.2	.4	.4	21	16.0
13	BD	.2	.1	.2	.2	.2	.2	.3	.4	.6	.5	.5	.5	.7	.7	.6	.5	.4	.3	.3	.2	.3	.3	.2	23	.7
14	BD	.4	.3	.0	.0	.3	.9	.8	.3	.9	.8	1.1	2.3	5.7	.5	4.8	1.2	.5	.0	.0	.0	.0	.3	.5	23	5.7
15	BD	.3	.3	.5	.4	.1	.3	.1	.0	BC	BC	BC	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	20	.5
16	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	23	.2
17	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
18	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
19	BD	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
20	BD	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
21	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
22	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
23	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.2	.0	.0	.0	.2	.1	.3	.2	23	.3
24	BD	.7	.9	1.0	.8	1.0	1.5	1.2	1.1	1.3	1.1	1.2	1.0	.9	1.0	1.1	1.2	1.2	1.0	1.1	.9	1.0	1.0	.9	23	1.5
25	BD	1.0	.9	1.0	.9	1.1	1.2	.6	1.0	1.3	1.2	1.1	.9	.9	1.0	.6	1.0	.9	1.1	.8	.4	.7	.7	.8	23	1.3
26	BD	.8	1.0	1.0	.9	1.1	1.2	1.0	1.2	1.3	.7	.6	.4	.4	.4	.4	.4	.3	.4	.2	.5	.6	.5	.4	23	1.3
27	BD	.6	.4	.5	.6	.5	.5	.6	.5	.6	.5	.5	.6	.0	.2	.1	.4	.4	.7	.5	.6	.5	.6	.8	23	.8
28	BD	1.2	1.1	1.0	1.1	1.1	.4	.9	1.6	1.9	2.0	1.9	1.9	1.7	1.7	1.7	1.5	1.3	1.2	1.1	1.3	1.1	1.2	1.2	23	2.0
29	BD	1.2	1.0	1.2	.9	.8	.8	1.1	.8	.4	.8	.7	1.1	1.1	1.3	1.1	1.4	1.2	1.2	1.0	1.2	1.1	.9	.3	23	1.4
30	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.3	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	23	.4
31																									0	
NO.:		30	30	30	30	30	30	30	30	29	29	29	30	30	29	29	30	30	30	30	30	30	30	30		
MAX:		1.2	1.1	1.2	1.1	1.1	1.5	1.2	1.7	1.9	8.8	16.0	6.1	5.7	4.2	4.8	1.5	1.3	1.2	1.1	1.3	1.1	1.2	1.2		
AVG:		.29	.27	.29	.29	.28	.32	.36	.44	.55	.81	1.22	.97	.80	.62	.66	.48	.34	.29	.26	.26	.27	.30	.27		

MONTHLY OBSERVATIONS: 685 MONTHLY MEAN: .46 MONTHLY MAX: 16.0

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

(42401) Sulfur dioxide

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

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

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

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

REPORT FOR: DECEMBER 2013

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	BF	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
2	BF	BF	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
3	BF	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BA	BA	AN	AN	AN	AN	AN	AN	AN	0	
4	BF	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BC	.0	.0	.0	.0	.0	5	0.0
5	BF	BF	.2	.3	.4	.5	.5	.4	.4	.2	.0	.1	.1	.1	.2	.1	.0	.0	.0	.0	.2	.0	.0	.0	22	.5
6	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	22	.1
7	BF	BF	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.1
8	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.2	.3	.3	.2	.0	22	.3
9	BF	BF	.1	.1	.2	.0	.1	.2	.2	.2	.1	.2	.5	.7	.4	.2	.2	.2	.1	.0	.0	.0	.0	.0	22	.7
10	BF	BF	.0	.1	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.2
11	BF	BF	.1	.0	.1	.0	.0	.0	.1	.5	.5	.5	.5	.4	.5	1.1	1.2	.6	.6	.4	.4	.3	.3	.2	22	1.2
12	BF	BF	.2	.3	.0	.1	.2	.2	.3	.8	1.0	1.0	1.2	1.1	1.2	1.2	1.0	.6	.5	.3	.4	.4	.5	.5	22	1.2
13	BF	BF	.5	.5	.6	.7	.8	1.1	.6	.4	2.1	1.7	1.2	1.1	1.1	2.9	1.9	.9	.3	.4	.4	.5	.5	.3	22	2.9
14	BF	BF	.3	.3	.3	.4	.4	.3	.3	.6	.6	.4	.3	.7	.7	.4	.3	.3	.2	.3	.3	.1	.1	.3	22	.7
15	BF	BF	.1	.1	.1	.2	.1	.2	.1	.1	.1	.0	.0	.1	.1	.1	.1	.2	.1	.1	.0	.0	.1	.0	22	.2
16	BF	BF	.1	.1	.1	.1	.1	.2	.0	.3	.4	.4	.8	.5	.2	.2	.1	.2	.0	.1	.2	.0	.0	.0	22	.8
17	BF	BF	.0	.0	.0	.0	.1	.1	.0	.1	.6	.9	1.0	.9	.9	.8	.5	.2	.0	.1	.0	.2	.4	.4	22	1.0
18	BF	BF	.3	.1	.0	.1	.1	.0	.4	.4	.5	.4	.3	.3	.3	.4	.3	.4	.3	.3	.3	.3	.3	.4	22	.5
19	BF	BF	.4	.4	.5	.7	1.0	1.1	.9	.4	.6	.5	.5	.3	.4	.5	.4	.4	.3	.5	.3	.5	.5	.3	22	1.1
20	BF	BF	.4	.3	.3	.3	.4	.2	.2	.2	.4	.4	.7	.7	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	22	.7
21	BF	BF	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	22	.2
22	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
23	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
24	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	22	.1
25	BF	BF	.0	.0	.0	.0	.1	.2	.4	.5	.7	.6	.6	.6	.5	.5	.5	.5	.4	.4	.2	.1	.0	.1	22	.7
26	BF	BF	.0	.0	.0	.1	.3	.4	.3	.3	.4	.4	.3	.3	.3	.5	.3	.5	.5	.2	.2	.1	.0	.2	22	.5
27	BF	BF	.0	.0	.0	.0	.0	.0	.0	.5	.8	.7	.7	.6	.5	.5	.3	.2	.1	.0	.1	.1	.1	.0	22	.8
28	BF	BF	.1	.0	.1	.1	.1	.1	.0	.3	.6	.4	.4	.4	.6	.5	.4	.1	.1	.1	.2	.1	.2	.2	22	.6
29	BF	BF	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.2
30	BF	BF	.0	.0	.0	.0	.2	.4	.1	.0	.1	.4	.2	.2	.1	.1	.1	.5	.2	.0	.0	.0	.1	.1	22	.5
31	BF	BF	.1	.1	.0	.0	.1	.2	.1	.2	.4	.5	.4	.3	BA	.0	.1	.1	.1	.1	.2	.1	.1	.0	21	.5
NO.:			27	27	27	27	27	27	27	27	27	27	27	27	26	27	27	27	27	28	28	28	28	28		
MAX:			.5	.5	.6	.7	1.0	1.1	.9	.8	2.1	1.7	1.2	1.1	1.2	2.9	1.9	.9	.6	.5	.4	.5	.5	.5		
AVG:			.11	.11	.10	.12	.17	.20	.17	.23	.37	.36	.37	.35	.32	.39	.30	.22	.14	.13	.13	.11	.13	.11		

MONTHLY OBSERVATIONS: 598 MONTHLY MEAN: .21 MONTHLY MAX: 2.9

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

(42401) Sulfur dioxide

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

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

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

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

REPORT FOR: JANUARY 2013

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	BD	.6	.7	.9	.8	.8	.7	.7	.5	.4	.3	.4	.4	.4	.3	.3	.2	.4	.2	.2	.2	.4	.6	23	.9
2	.1	BD	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.2	.2	.2	.3	.2	.2	.2	.1	.1	23	.3
3	.1	BD	.1	.1	.2	.3	.3	.4	.6	.9	1.8	1.9	2.1	1.9	1.7	1.6	1.2	.9	.6	.7	1.4	1.7	1.6	1.8	23	2.1
4	.6	BD	.3	.3	.3	.4	.4	.6	.8	1.2	1.5	BA	1.2	1.1	1.1	.9	.9	.9	.9	.9	.8	.6	.8	.9	22	1.5
5	.9	BD	1.4	1.1	.9	.8	.8	1.0	1.3	1.8	1.6	1.8	2.2	2.4	2.3	2.1	2.0	2.1	1.9	1.7	1.8	1.6	1.4	1.0	23	2.4
6	.9	BD	.5	.4	.4	.3	.3	.4	.5	.6	.7	.7	.7	.6	.5	.6	.7	.7	.6	.5	1.1	.5	.1	.2	23	1.1
7	.2	BD	.1	.1	.1	.2	.3	.8	BA	BA	BA	.9	.8	.8	.8	.8	.8	1.7	AY	1.0	.7	.8	1.5	1.0	19	1.7
8	.7	.3	.5	.4	1.0	.5	AY	1.2	1.4	1.0	1.0	.9	1.2	1.3	.9	.6	.5	1.2	AY	.6	.8	.5	.5	.9	22	1.4
9	1.1	.7	.6	.8	.6	.8	AY	2.3	3.1	2.2	2.4	.7	.7	.5	.4	.3	.4	1.8	AY	.8	2.6	3.5	1.9	1.6	22	3.5
10	2.2	1.5	1.2	.8	.9	.7	AY	1.5	1.4	.8	.8	.6	.4	.4	.3	.4	.4	.6	AY	.5	.3	.3	.5	.7	22	2.2
11	.7	1.1	1.4	1.0	1.0	.8	AY	.3	.2	.2	.3	.3	.2	.2	.2	.2	.3	.5	AY	.6	.5	.2	.0	.0	22	1.4
12	.0	.0	.0	.0	.0	.0	AY	.2	.4	.5	.3	.2	.1	.1	.2	.1	.2	.9	AY	.5	.3	.6	.3	.4	22	.9
13	.0	.0	.0	.0	.0	.0	AY	.0	.0	.0	.1	BA	BA	.1	.1	.1	.1	.3	AY	.2	.2	.2	.1	.1	20	.3
14	.2	.3	.3	.2	.1	.1	AY	.4	.6	.6	.7	BA	.6	.5	.5	BF	BF	.8	1.1	.7	.7	.9	.6	.2	20	1.1
15	.1	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
16	.0	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.3	.4	.8	1.2	1.2	.7	.4	.6	.4	23	1.2
17	.4	BD	.3	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
18	.0	BD	.0	.2	.1	.1	.0	.2	.4	.7	.8	1.0	.8	.8	.8	.5	.4	.4	.5	.5	.4	1.5	1.4	1.9	23	1.9
19	1.9	BD	2.2	1.8	.9	.7	1.0	1.6	1.4	1.1	.9	.7	.5	.5	.4	.4	.4	.7	.7	1.3	2.3	1.4	1.0	1.0	23	2.3
20	.8	BD	.7	.7	.7	.8	.8	.8	.9	.9	.8	.8	.8	.8	.7	.6	.5	.5	.6	.9	.5	.6	.7	.7	23	.9
21	.7	BD	.7	.3	.2	.5	1.1	.7	2.7	1.7	1.1	.8	.8	.7	.7	.7	.7	.7	.6	.6	.6	.4	.4	.4	23	2.7
22	.4	BD	.7	.7	.6	.6	.7	.8	1.9	3.0	1.1	.8	.7	.7	.7	.7	.9	.9	1.0	.9	1.1	1.3	1.0	.8	23	3.0
23	.9	BD	1.3	1.2	1.1	1.2	1.8	2.2	2.2	2.6	4.0	2.4	1.2	1.1	1.0	1.0	.9	1.0	1.5	1.3	1.2	1.1	1.1	1.0	23	4.0
24	.9	BD	1.0	.8	.9	.9	1.7	2.2	1.5	2.1	3.4	3.6	3.2	3.1	2.8	2.6	2.6	2.5	2.3	2.1	2.0	1.8	2.2	2.1	23	3.6
25	1.6	BD	1.6	1.5	1.5	1.7	1.6	1.7	1.7	1.4	1.4	1.5	1.1	1.1	.9	.6	.5	.4	.4	.4	.4	.4	.4	.5	23	1.7
26	.6	BD	.7	.7	.7	.7	.6	.6	.7	.9	1.0	1.1	1.1	1.0	1.0	1.0	1.0	.7	.6	.9	.6	.4	.5	1.2	23	1.2
27	.8	BD	1.6	1.3	.8	.4	.3	.4	.6	1.0	1.9	2.8	2.6	2.6	2.5	2.3	2.2	2.1	2.0	1.9	1.6	1.3	1.1	1.1	23	2.8
28	.8	BD	1.1	1.0	.8	1.0	.7	.9	1.0	1.2	1.3	1.2	1.1	1.0	.8	.7	.7	.8	.7	.7	.7	.7	.6	.5	23	1.3
29	.4	BD	.3	.2	.3	.3	.4	.7	.9	.9	.8	.7	.6	.5	BF	.4	.3	.5	1.1	.7	.4	.4	.4	.3	22	1.1
30	.2	BD	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
31	-.1	BD	-.1	-.1	-.1	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.2	.2	.3	.2	23	.3
NO.:	31	7	31	31	31	31	24	31	30	30	30	28	30	31	30	30	30	31	24	31	31	31	31	31		
MAX:	2.2	1.5	2.2	1.8	1.5	1.7	1.8	2.3	3.1	3.0	4.0	3.6	3.2	3.1	2.8	2.6	2.6	2.5	2.3	2.1	2.6	3.5	2.2	2.1		
AVG:	.60	.56	.62	.53	.48	.47	.57	.73	.90	.93	1.01	.93	.84	.78	.73	.67	.65	.80	.80	.73	.78	.76	.69	.70		

MONTHLY OBSERVATIONS: 696 MONTHLY MEAN: .72 MONTHLY MAX: 4.0

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

(42401) Sulfur dioxide

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

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

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

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

REPORT FOR: FEBRUARY 2013

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	BD	.1	.1	.2	.4	1.0	1.4	.8	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	1.0	23	1.4
2	1.9	BD	4.3	5.0	3.4	1.7	1.1	1.0	.8	.7	.8	.6	.6	.6	.6	.5	.6	.7	.8	.8	.7	.7	1.0	.8	23	5.0
3	.5	BD	.4	.4	.3	.3	.4	.4	.5	.7	.8	.7	.7	.7	.7	.6	.5	.5	.5	.4	.4	.4	.4	.4	23	.8
4	.4	BD	.5	.5	.5	.4	1.6	1.4	AZ	AZ	AZ	AZ	BA	BA	.5	.5	.5	.5	.7	.6	.6	.5	.5	.5	17	1.6
5	.5	BD	.6	.7	.7	.7	.8	1.0	1.3	1.2	1.2	1.3	1.6	1.1	1.0	1.2	1.0	.8	1.9	2.7	2.6	2.4	1.2	2.1	23	2.7
6	1.6	BD	1.6	2.0	2.3	2.1	2.3	3.6	3.8	1.2	.7	.7	.7	.6	.5	.5	.7	.6	.8	1.1	1.1	1.0	.9	.9	23	3.8
7	.7	BD	.6	.5	.5	.6	.7	.7	.8	.9	.8	.8	.8	.8	.7	.7	.6	.6	.5	.3	.3	.2	.1	.1	23	.9
8	.1	BD	.1	.1	.0	.0	.0	.0	.0	.1	.3	.4	.3	.4	.2	.2	.2	.2	.2	.4	.4	.5	.6	.8	23	.8
9	.8	BD	.6	.4	.3	.3	.5	.6	.7	.6	.5	.5	.5	.4	.4	.4	.4	.3	.4	1.1	.9	1.6	2.8	3.1	23	3.1
10	2.3	BD	1.0	.6	.4	.4	.4	.5	1.0	1.7	1.4	1.3	1.2	.9	.7	.6	.6	.6	.7	.7	.5	.6	.5	.4	23	2.3
11	.3	BD	.3	.2	.2	.2	.3	.4	.2	BA	BF	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	21	.4
12	.0	BD	.0	.1	.1	.1	.2	.2	.2	.3	.3	.3	.3	.4	.6	.7	.5	.5	.6	1.1	.9	1.6	.8	.7	23	1.6
13	.8	BD	.2	.1	.1	.1	.0	.1	.1	.1	.0	.1	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.3	23	.8
14	.8	BD	1.4	1.5	1.1	.8	1.2	2.5	1.3	1.4	.7	.6	.7	1.0	1.3	.5	.4	.6	1.0	.9	.5	.5	.6	.4	23	2.5
15	.7	BD	.8	1.0	1.1	1.2	1.7	2.3	2.2	1.9	1.0	.7	.5	.4	.3	.3	.3	.5	1.5	.8	.7	.9	.7	.7	23	2.3
16	.5	BD	.3	.3	.4	.4	.2	.2	.2	.1	.1	.1	.1	.1	.2	.2	.2	.2	.3	.3	.2	AE	AE	AE	20	.5
17	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	
18	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	1.3	1.0	.8	.7	.7	.6	.7	.9	1.2	.9	.7	.7	.8	.7	14	1.3
19	.6	BD	.5	.4	.4	.4	.6	.9	.8	.8	.8	.6	.5	.4	.3	.2	.2	.1	.1	.1	.1	.1	.1	.0	23	.9
20	.0	BD	.0	.1	.2	.2	.4	1.3	.8	.7	.6	.6	.5	.5	.6	.6	.6	.6	1.2	1.9	.9	1.7	1.5	.8	23	1.9
21	.7	BD	.8	.7	.9	1.5	1.5	3.6	4.1	9.3	4.1	1.6	1.4	1.2	1.0	1.0	1.1	1.3	1.6	1.9	1.9	1.3	1.3	1.6	23	9.3
22	1.2	BD	.8	.5	.4	.4	.5	.5	.6	.8	.9	1.0	.9	.8	.7	.5	.4	.3	.3	.3	.2	.2	.2	.2	23	1.2
23	.1	BD	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3	1.4	2.4	2.1	1.6	1.3	23	2.4
24	1.0	BD	.3	.2	.2	.1	.1	.2	.4	3.3	1.4	1.2	.7	.4	.3	.3	.2	.4	.5	.5	.7	.7	.9	1.0	23	3.3
25	.9	BD	.6	.6	.5	.8	.7	.9	1.2	1.4	1.5	BF	1.1	1.0	.9	.9	.9	.9	.9	.7	.6	.5	.5	.6	22	1.5
26	.6	BD	.7	.6	.5	.5	.5	.4	.4	.4	.3	.2	.2	.2	.2	.1	.2	.2	.2	.3	.6	.0	.0	.0	23	.7
27	.0	BD	.0	.0	.0	.0	.0	.1	.2	.2	.1	.1	.1	.1	.2	.1	.2	.3	.3	.3	.4	.4	.3	.2	23	.4
28	.3	BD	.1	.1	.1	.2	.2	.3	.3	.3	.2	.2	.2	.3	.4	.3	.2	.2	.2	.4	.5	.4	.2	.1	23	.5
29																									0	
30																									0	
31																									0	
NO.:	26		26	26	26	26	26	26	25	24	25	25	26	26	27	27	27	27	27	27	27	26	26	26		
MAX:	2.3		4.3	5.0	3.4	2.1	2.3	3.6	4.1	9.3	4.1	1.6	1.6	1.2	1.3	1.2	1.1	1.3	1.9	2.7	2.6	2.4	2.8	3.1		
AVG:	.67		.64	.65	.57	.53	.65	.95	.91	1.19	.81	.61	.57	.52	.50	.45	.43	.46	.63	.75	.71	.74	.68	.72		

MONTHLY OBSERVATIONS: 600 MONTHLY MEAN: .66 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: 37-183-0014 POC: 2
COUNTY: (183) Wake
CITY: (55000) Raleigh
SITE ADDRESS: 3801 SPRING FOREST RD.
SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
MONITOR COMMENTS:

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

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

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

REPORT FOR: MARCH 2013

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.1	BD	.2	.2	.3	.5	.6	.8	.8	.7	.6	.6	.5	.4	.4	.4	.4	.3	.3	.4	.4	.4	.4	.7	23	.8
2	.8	BD	.6	.6	.7	.6	.8	1.3	.9	1.3	1.0	1.3	.9	1.7	.8	.6	.6	.7	.8	1.3	1.2	1.0	2.4	1.2	23	2.4
3	.8	BD	.5	.5	.6	.9	.9	.8	.9	1.0	1.1	1.0	1.0	.9	.8	1.0	1.0	.6	.5	.6	.5	.5	.4	2.8	23	2.8
4	4.9	BD	2.2	2.5	2.9	2.6	1.4	.7	.6	.7	.9	.8	.8	.7	.7	.7	.7	.8	1.2	2.0	2.7	2.3	2.0	1.5	23	4.9
5	1.6	BD	1.6	1.6	2.5	2.6	1.8	1.5	1.4	1.2	1.3	1.3	1.0	.6	.5	.4	.4	.2	.2	.2	.2	.2	.2	.2	23	2.6
6	.1	BD	.1	.1	.2	.2	.5	.9	.7	.3	.5	.7	.7	.7	.5	.5	.4	.3	.3	.7	.3	.1	1.0	1.2	23	1.2
7	1.4	BD	.9	.8	.8	.9	1.0	1.2	1.6	1.2	1.5	1.3	1.5	.8	.8	1.2	1.0	.9	.6	.6	.4	.4	1.3	1.4	23	1.6
8	1.0	BD	.7	.8	.8	.8	.8	1.0	1.1	1.3	1.6	BF	BF	1.1	1.1	.7	.6	.7	.6	.6	.5	.6	.4	.4	21	1.6
9	.4	BD	1.6	1.3	1.1	1.0	.9	1.5	.9	.9	.6	.6	.5	.5	.5	.6	.6	.5	.6	1.5	1.5	1.1	1.2	1.1	23	1.6
10	1.1	BD	1.3	.9	.7	.9	1.6	1.4	1.2	1.2	1.0	.8	.5	.4	.3	.3	.3	.3	.4	.7	.5	.4	.3	.3	23	1.6
11	.4	BD	.3	.3	.3	.3	.4	.5	.5	.4	.3	.8	1.0	.3	.2	.4	.5	.4	.4	.7	.3	.2	.2	.3	23	1.0
12	.6	BD	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	1.3	1.4	1.4	.9	23	1.4
13	.3	BD	.6	.2	.1	.4	1.1	1.4	.7	.7	.6	.5	.4	.4	.4	.4	.3	.2	.4	.2	.2	.1	.3	.4	23	1.4
14	.5	BD	1.1	1.1	.9	1.1	1.2	1.3	1.2	.8	.7	.8	.7	.7	.8	1.0	.9	.8	.7	.7	.7	.6	.6	.6	23	1.3
15	.7	BD	.6	.6	.6	.9	1.6	1.2	1.1	1.1	1.0	.9	.7	.6	.7	.7	.7	.7	.8	.8	.9	1.3	1.1	1.0	23	1.6
16	.9	BD	1.1	1.0	1.0	1.0	.9	1.1	1.3	1.2	1.2	1.1	1.0	.9	.9	.8	.7	.8	.8	.8	.8	.6	.7	.7	23	1.3
17	.5	BD	.3	.4	.2	.1	.1	.1	.4	.8	1.0	1.1	1.2	.9	.5	.5	.5	.7	.8	.8	.8	.6	.2	.1	23	1.2
18	.1	BD	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.7	.1	.1	.0	.0	23	.7
19	.0	BD	.0	.0	.0	.1	.2	.2	.2	.3	.3	.3	.2	.2	.4	.3	.2	.2	.4	.5	.5	.4	.2	.2	23	.5
20	.3	BD	.3	.3	.3	.4	.5	.6	2.3	2.3	.9	.8	BF	.5	.4	.3	.4	.4	.5	.7	.6	.7	.5	.4	22	2.3
21	.5	BD	.5	.4	.5	.6	.9	1.7	2.9	2.4	2.2	1.6	1.2	1.0	1.0	.9	.9	.8	.6	.5	.6	.9	1.7	2.1	23	2.9
22	2.0	BD	3.0	4.5	3.2	2.1	2.2	1.8	2.2	2.3	1.2	1.0	.9	1.2	1.2	.9	.8	.7	.7	1.1	1.3	1.2	1.4	1.3	23	4.5
23	1.3	BD	1.0	1.0	.9	.8	1.1	1.3	1.8	1.8	1.7	1.7	1.6	1.5	1.4	1.4	1.1	1.1	1.1	1.2	1.3	1.2	1.1	.8	23	1.8
24	.6	BD	.9	.8	.8	.6	.5	.5	.5	.5	.6	.8	.4	.3	.2	.2	.2	.2	.1	.2	.2	.2	.3	.2	23	.9
25	.2	BD	.1	.2	.1	.1	.1	.1	.2	.2	.3	.4	.6	.5	.3	.4	.4	.4	.3	.3	.3	.6	.5	.5	23	.6
26	.6	BD	.4	.5	.5	.5	.7	.7	1.0	1.3	1.4	1.8	2.4	2.4	1.6	1.0	.8	.6	.5	.5	.5	.5	.6	.6	23	2.4
27	.5	BD	.4	.5	.5	.6	.8	1.0	1.1	.8	.7	.7	.7	.7	.8	.8	.8	.8	.7	.5	.5	.6	.7	.9	23	1.1
28	.9	BD	1.2	.9	.8	.8	.8	1.0	1.1	.8	.6	.5	.6	.5	.5	.4	.4	.5	.8	1.3	.9	.5	.4	.4	23	1.3
29	.4	BD	.3	.4	.4	.8	1.9	1.5	1.8	1.2	.6	.4	.5	.5	.5	.5	.7	1.0	1.2	1.4	1.7	2.0	1.6	1.3	23	2.0
30	2.9	BD	1.4	.8	.7	1.4	1.7	1.5	1.3	1.4	1.1	1.0	.8	.7	.6	.5	.4	.4	.5	.7	.8	.8	.8	1.1	23	2.9
31	1.0	BD	1.5	1.0	.8	.7	.3	.2	.2	.3	.4	.4	.3	.2	.1	.1	.1	.1	.2	.1	.0	.0	.0	.0	23	1.5
NO.:	31		31	31	31	31	31	31	31	31	31	30	29	31	31	31	31	31	31	31	31	31	31	31		
MAX:	4.9		3.0	4.5	3.2	2.6	2.2	1.8	2.9	2.4	2.2	1.8	2.4	2.4	1.6	1.4	1.1	1.1	1.2	2.0	2.7	2.3	2.4	2.8		
AVG:	.88		.80	.78	.75	.79	.88	.93	1.03	.98	.87	.84	.78	.71	.61	.58	.55	.52	.55	.74	.73	.69	.77	.79		

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: .76 MONTHLY MAX: 4.9

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

(42401) Sulfur dioxide

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

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

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

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

REPORT FOR: APRIL 2013

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.0	BD	.0	.0	.0	.0	.0	.0	1.1	.3	.1	.1	.0	.1	.2	.1	.0	.0	.0	.0	.2	.1	.1	.1	23	1.1
2	.2	BD	.3	.3	.3	.3	.5	.8	1.0	BF	BF	1.6	1.1	.9	1.0	1.2	1.2	1.1	.9	.8	.9	.8	1.4	1.6	21	1.6
3	1.3	BD	.7	.6	.7	.8	1.1	1.2	1.2	1.2	1.4	1.3	1.2	1.1	1.1	1.3	1.5	.9	.8	1.0	1.4	1.3	1.9	2.1	23	2.1
4	1.9	BD	.8	.7	.8	1.1	1.7	1.8	1.8	1.6	1.4	1.2	1.0	.6	.4	.3	.3	.3	.2	.2	.2	.2	.1	.1	23	1.9
5	.1	BD	.1	.1	.1	.1	.1	.1	.3	.1	BF	BC	BC	.1	.0	.1	.7	1.1	1.0	1.3	2.1	2.3	1.9	.8	20	2.3
6	1.7	BD	.3	.5	.4	.5	.6	1.0	1.2	1.0	.9	.7	.7	.7	.7	.7	.6	.6	.5	.5	.4	.2	.2	.2	23	1.7
7	.2	BD	.2	.1	.1	.1	.6	.5	1.2	1.0	.7	.6	.6	.6	.7	.8	.7	.6	.6	.6	.6	.5	.4	.2	23	1.2
8	.2	BD	.1	.1	.1	.1	.4	.5	.3	.2	.2	.2	.1	.1	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	23	.5
9	.0	BD	.0	.0	.0	.0	.3	.3	.2	.2	.2	.2	.1	.1	.1	.2	.2	.2	.1	.3	.2	.1	.1	.1	23	.3
10	.1	BD	.1	.0	.0	.1	.3	.3	.3	.3	.3	.2	.4	.6	.2	.1	.3	.4	.2	.1	.2	.3	.1	.0	23	.6
11	.0	BD	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	-.1	23	.1
12	-.1	BD	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	23	0.0
13	.1	BD	.1	.5	.6	.2	.2	.1	.0	.1	.2	.5	.2	.0	.1	.0	.0	.1	.1	.4	.4	.6	.4	.2	23	.6
14	.1	BD	.0	.0	.0	.0	.1	.3	.3	.3	.2	.2	.1	.1	.1	.1	.1	.1	.1	.3	.6	.9	.7	.5	23	.9
15	.2	BD	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.2
16	-.1	BD	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	.0	-.1	.0	-.1	.0	.0	.0	.1	.1	.1	.1	.0	23	.1
17	.0	BD	-.1	-.1	.0	.0	.2	.3	.4	AE	.2	.1	.2	.1	.1	.0	.1	.0	.0	.2	.1	.5	1.3	1.1	22	1.3
18	.9	BD	.0	.0	.0	.1	.1	.4	.5	.1	.0	.0	.0	.1	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.9
19	.0	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	23	0.0
20	-.1	BD	-.1	.0	.0	.0	.0	.2	1.3	1.2	.5	.6	1.4	1.4	.6	.3	.1	.1	.2	.4	.5	.2	.1	.0	23	1.4
21	.0	BD	.0	.0	.1	.0	.2	.6	.8	.8	.6	.5	.4	.3	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	23	.8
22	.3	BD	.1	.1	.1	.0	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.2	23	.3
23	.1	BD	.0	.1	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.0	.0	23	.2
24	.0	BD	.0	.0	.0	.1	.3	.9	.9	.1	.1	.1	.1	.1	.2	.3	.2	.2	.3	.2	.2	.3	.2	.1	23	.9
25	.1	BD	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	23	.1
26	.0	BD	.0	.0	.0	.0	.4	.7	.3	.4	.4	.4	.3	.3	.3	.3	.4	.3	.3	.3	.4	.3	.3	.2	23	.7
27	.1	BD	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.4	.2	23	.4
28	.2	BD	.3	.3	.3	.2	.2	.2	.3	.3	.4	.4	.3	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	23	.4
29	.0	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
30	.0	BD	-.1	.0	-.1	-.1	.0	.0	.0	.0	BF	BF	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	.5
31																									0	
NO.:	30		30	30	30	30	30	30	30	28	26	28	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:	1.9		.8	.7	.8	1.1	1.7	1.8	1.8	1.6	1.4	1.6	1.4	1.4	1.1	1.3	1.5	1.1	1.0	1.3	2.1	2.3	1.9	2.1		
AVG:	.25		.09	.11	.11	.12	.25	.35	.45	.33	.31	.32	.31	.26	.23	.22	.23	.22	.20	.25	.30	.30	.33	.26		

MONTHLY OBSERVATIONS: 681 MONTHLY MEAN: .25 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: 37-183-0014 POC: 2
COUNTY: (183) Wake
CITY: (55000) Raleigh
SITE ADDRESS: 3801 SPRING FOREST RD.
SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
MONITOR COMMENTS:

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

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

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

REPORT FOR: MAY 2013

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BD	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	.0	.0	.0	.0	.0	.0	.0	-.1	22	0.0
2	BD	BD	.0	-.1	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
3	BD	BD	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	22	.1
4	BD	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	22	.1
5	BD	BD	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	22	.1
6	BD	BD	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	22	0.0
7	BD	BD	-.1	-.1	.0	.3	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	22	.3
8	BD	BD	.0	.0	.0	.1	.4	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.4
9	BD	BD	.0	.0	.0	.0	.1	.0	.1	.2	.1	.1	.0	.1	.0	.0	.0	.0	.1	.2	.2	.2	.3	.1	22	.3
10	BD	BD	.0	.0	.0	.4	.4	.4	.4	.2	.2	.1	.1	.1	.0	.0	.0	.1	.2	.2	.2	.1	.1	.1	22	.4
11	BD	BD	.3	.4	.5	.5	.4	.4	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.5
12	BD	BD	.0	-.1	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0	22	.3
13	BD	BD	.2	.1	.1	.1	.1	.4	.5	.2	.1	.2	.3	.2	.2	.3	.2	.1	.1	.3	.2	.3	.4	.6	22	.6
14	BD	BD	.0	.0	.0	.2	.4	.4	.2	.1	.2	BF	.4	.3	.4	.3	.3	.4	.4	.5	.4	.3	.3	.2	21	.5
15	BD	BD	.2	.3	.4	.4	.6	.7	.8	.7	.7	.6	.5	.5	.5	.4	.4	.4	.4	.3	.3	.5	.5	.4	22	.8
16	BD	BD	.2	.3	.3	.2	.4	.5	AZ	AZ	AZ	.5	.4	.2	.2	.1	.1	.1	.2	.3	.4	.5	.4	.3	19	.5
17	BD	BD	.0	.0	.0	.1	.2	.5	.7	1.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.3	22	1.1
18	BD	BD	.0	.0	.0	.0	.0	.1	.1	.2	.3	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	22	.3
19	BD	BD	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	22	0.0
20	BD	BD	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	22	0.0
21	BD	BD	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
22	BD	BD	-.1	-.1	-.1	AV	AV	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	20	.1
23	BD	BD	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	22	0.0
24	BD	BD	-.1	-.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.1	.0	.2	22	.3
25	BD	BD	.4	.1	.1	.1	.3	.3	.3	.2	.3	.4	.1	.2	.3	.3	.3	.2	.1	.2	.3	.2	.7	.5	22	.7
26	BD	BD	.6	.4	.3	.3	.3	.4	.5	.8	.6	.6	.5	.5	.5	.4	.3	.2	.3	.3	.3	.3	.3	.2	22	.8
27	BD	BD	.0	.0	.0	.0	.1	.2	.2	.2	.2	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.4	.4	22	.4
28	BD	BD	.2	.1	.1	.1	.2	.3	.5	.3	.2	BF	BF	BA	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	19	.5
29	BD	BD	.0	.0	.0	.0	.2	.3	.2	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.3
30	BD	BD	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.5	22	.5
31	BD	BD	.0	.0	.0	.1	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.3
NO.:			31	31	31	30	30	31	30	30	30	29	30	30	31	31	31	31	31	31	31	31	31	31		
MAX:			.6	.4	.5	.5	.6	.7	.8	1.1	.7	.6	.5	.5	.5	.4	.4	.4	.4	.5	.4	.5	.7	.6		
AVG:			.04	.02	.05	.09	.15	.19	.18	.17	.11	.11	.09	.08	.08	.06	.07	.06	.07	.09	.09	.09	.13	.10		

MONTHLY OBSERVATIONS: 673 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: 37-183-0014 POC: 2
COUNTY: (183) Wake
CITY: (55000) Raleigh
SITE ADDRESS: 3801 SPRING FOREST RD.
SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
MONITOR COMMENTS:

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

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

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

REPORT FOR: JUNE 2013

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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
2	.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
3	-.1	BF	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	-.1	.0	23	0.0
4	-.1	BF	-.1	.0	.0	.0	.1	.3	.2	.2	.3	.3	.3	.3	.4	.4	.4	.3	.3	.2	.1	.1	.0	.0	23	.4
5	.0	BF	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	23	.2
6	.0	BF	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	23	.2
7	-.1	BF	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	BD	BD	-.1	-.1	-.1	-.1	.0	.2	.0	.0	.0	.0	.0	.0	21	.2
8	-.1	BF	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	.0	.0	.0	.0	.0	-.1	-.1	-.1	.0	.0	.0	.0	.1	.2	23	.2
9	.2	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	23	.2
10	-.1	BF	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0
11	-.1	BF	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
12	.0	BF	.0	.0	.0	.0	.1	.4	.5	.4	.3	.2	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	23	.5
13	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	AV	.0	-.1	-.1	.0	.0	.0	22	0.0
14	.0	BF	.0	.0	.0	.0	.2	.3	.7	.5	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0	.1	23	.7
15	.4	BF	.5	.4	.2	.0	.1	.1	.1	.2	.2	.2	.1	.1	.1	.1	.0	.0	.0	.1	.2	.2	.1	.0	23	.5
16	.0	BF	.1	.2	.3	.2	.3	.3	.3	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
17	.0	BF	.1	.1	.1	.1	.2	.2	.3	BA	BD	.1	.1	.1	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	21	.3
18	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	23	0.0
19	.0	BF	.0	-.1	-.1	-.1	.0	.1	.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	.1	.1	.3	.2	.0	.0	.0	.0	.0	23	.3
21	.0	BF	.0	.0	.0	.3	.4	.5	.8	.4	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	23	.8
22	.0	BF	.0	.0	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	23	0.0
23	-.1	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
24	.0	BF	.0	-.1	-.1	.0	.0	BD	BA	BC	BC	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19	0.0
25	.0	BF	.0	.0	.2	.5	.6	.5	.4	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.6
26	.0	BF	.0	.0	.0	.1	.4	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	23	.5
27	.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
28	.0	BF	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
29	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
31																									0	
NO.:	30		30	30	30	30	30	29	29	28	27	29	30	30	30	30	30	29	30	30	30	30	30	30		
MAX:	.4		.5	.4	.3	.5	.6	.5	.8	.5	.3	.3	.3	.3	.4	.4	.4	.3	.3	.2	.2	.2	.1	.2		
AVG:	0.00		0.00	0.00	0.00	.03	.08	.13	.13	.09	.07	.06	.03	.03	.02	.02	.02	.03	.02	.01	0.00	0.00	-.01	0.00		

MONTHLY OBSERVATIONS: 681 MONTHLY MEAN: .03 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
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LONGITUDE: -78.574167
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 100
PROBE HEIGHT:

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

REPORT FOR: JULY 2013

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
2	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	0.0
3	.0	BF	.0	.0	.0	.0	.0	.0	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	7	0.0
4	.0	BF	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	.0	BC	BC	.0	.0	.0	.0	.0	.4	.5	.3	.2	11	.5
5	.1	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.0	.2	23	.2
6	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.0	.0	23	.2
7	.0	BF	.0	.0	.0	.0	.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
8	.0	BF	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
9	.0	BF	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
10	.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
11	.0	BF	.0	.0	.0	.0	.1	.1	.1	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
12	.0	BF	.0	.0	.0	.0	.0	.0	.1	.7	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.7
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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	23	.1
15	.0	BF	.0	.0	.0	.0	.3	.2	.1	.0	.0	AQ	AQ	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	21	.3
16	.3	BF	.3	.2	.1	.1	.2	.4	.2	1.2	1.2	.8	.4	.2	.1	.1	.2	.1	.1	.1	.0	.0	.0	.0	23	1.2
17	.0	BF	.0	.0	.0	.1	.1	.3	.1	.1	.2	.2	.3	.2	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	23	.3
18	.0	BF	.0	.0	.0	.1	.2	.2	.1	AX	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.5
19	.0	BF	.0	.0	.0	.0	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	23	.2
20	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	23	.1
21	.0	BF	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
22	.0	BF	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
23	.0	BF	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	23	.1
24	.1	BF	.1	.1	.2	.3	.3	.4	.3	.2	.1	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.4
25	.0	BF	.0	.0	.1	.1	.2	.1	.3	.2	.3	.2	.1	.0	.0	.0	.0	.0	.1	.4	.6	.1	.1	.0	23	.6
26	.0	BF	.0	.0	.0	.1	.2	.3	.2	.1	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	23	.3
27	.1	BF	.0	.0	.0	.0	.0	.1	.2	.3	.3	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.3
28	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	23	.2
29	.1	BF	.0	.0	.0	.0	.1	.4	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.4	.4	.5	1.3	.9	23	1.3
30	.6	BF	.4	.3	.2	.2	.4	.8	.7	.3	.4	.4	.3	.2	.1	.1	.1	.2	.2	.1	.2	.1	.1	.1	23	.8
31	.1	BF	.1	.0	.0	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	23	.2
NO.:	31		30	30	30	30	30	30	29	28	29	28	29	28	28	30	30	30	30	30	30	30	30	30		
MAX:	.6		.4	.3	.2	.3	.4	.8	.7	1.2	1.2	.8	.4	.2	.2	.2	.2	.2	.2	.4	.6	.5	1.3	.9		
AVG:	.05		.03	.02	.03	.05	.10	.15	.11	.14	.15	.10	.06	.05	.04	.04	.03	.03	.04	.07	.08	.06	.07	.06		

MONTHLY OBSERVATIONS: 680 MONTHLY MEAN: .07 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: 37-183-0014 POC: 2
COUNTY: (183) Wake
CITY: (55000) Raleigh
SITE ADDRESS: 3801 SPRING FOREST RD.
SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
MONITOR COMMENTS:

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

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

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

REPORT FOR: AUGUST 2013

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	.0	.0	.0	.1	.1	.1	AX	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	.1
2	.0	BF	.0	.0	.0	.0	.0	.1	.8	.6	.7	.7	.5	.4	.3	.3	.3	.2	.2	.2	.1	.1	.2	.1	23	.8
3	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
4	.0	BF	.0	.0	.0	.0	.0	.0	.0	.2	.6	.6	.5	.4	.3	.2	.1	.1	.1	.1	.1	.1	.0	.0	23	.6
5	.0	BF	.1	.1	.2	.2	.4	.4	.4	.5	.5	.4	.4	.3	.3	.2	.3	.2	.2	.2	.2	.1	.1	.3	23	.5
6	.2	BF	.1	.3	.2	.1	.1	.1	.2	.3	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.3
7	.0	BF	.0	.0	.0	.1	.2	.3	.4	.3	.2	.3	.3	.2	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	23	.4
8	.0	BF	.0	.0	.0	.1	.1	.4	.5	.4	.3	.1	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.0	23	.5
9	.0	BF	.0	.0	.0	.1	.2	.3	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	23	.3
10	.0	BF	.0	.0	.1	.1	.2	.2	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
11	.0	BF	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
12	.0	BF	.0	.0	.0	.1	.1	.0	.0	.1	.3	.4	.7	.6	.6	.8	.8	.6	.3	.3	.3	.2	.2	.1	23	.8
13	.0	BF	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
14	.0	BF	.2	1.2	1.3	1.3	.7	.6	.6	.4	.4	.3	.3	.3	.3	.2	.2	.5	.3	.2	.1	.1	.1	.0	23	1.3
15	.2	BF	.2	.1	.2	.4	.6	.3	.4	.6	.7	.4	.3	.2	.2	.2	.2	.2	.2	.2	.2	.7	.7	.3	.2	23	.7
16	.1	BF	.1	.1	.0	.0	.2	1.7	.6	.3	BA	.2	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.2	22	1.7
17	.1	BF	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
18	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.5	.5	.2	23	.5
19	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	23	.1
20	.0	BF	.0	.0	.0	.2	.3	.5	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.5
21	.0	BF	.0	.0	.0	.0	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
22	.0	BF	.0	.0	.0	.2	.2	.1	.1	.1	.1	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	23	.2
23	.0	BF	.0	.0	.0	.1	.2	.3	.6	1.1	.5	.4	.4	.5	.4	.2	.2	.3	.2	.2	.2	.2	.0	.0	23	1.1
24	.0	BF	.1	.1	.2	.0	.0	.2	.3	.5	.4	.3	.2	.2	.2	.2	.2	.1	.2	.3	.3	.2	.1	.0	23	.5
25	.0	BF	.0	.0	.1	.1	.1	.4	.4	.3	.1	.2	.6	.5	.2	.2	.3	.4	.4	.3	.2	.1	.1	.1	23	.6
26	.0	BF	.1	.1	.1	.2	.7	1.8	.7	.3	.3	.5	.4	.4	.4	.4	.3	.4	.3	.3	.3	.3	.2	.2	23	1.8
27	.2	BF	.3	.3	.2	.2	.4	.4	.5	.5	.6	.8	.8	.9	.7	.6	.5	.5	.5	.6	.5	.3	.3	.2	23	.9
28	.2	BF	.1	.0	.1	.1	.3	.3	AZ	AZ	.3	AX	BA	.8	.6	.4	.3	.2	.2	.2	.1	.1	.1	.1	19	.8
29	.1	BF	.0	.1	.2	.3	.2	BA	AZ	AZ	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	20	.3
30	.0	BF	.0	.0	.0	.0	.0	.1	.3	.2	.1	.1	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.2	23	.3
31	.3	BF	.1	.0	.0	.0	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	23	.3
NO.:	31		31	31	31	31	31	30	29	29	29	29	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:	.3		.3	1.2	1.3	1.3	.7	1.8	.8	1.1	.7	.8	.8	.9	.7	.8	.8	.6	.5	.6	.7	.7	.5	.3		
AVG:	.05		.05	.08	.10	.13	.18	.31	.28	.27	.24	.21	.20	.20	.16	.14	.14	.14	.15	.14	.14	.12	.09	.07		

MONTHLY OBSERVATIONS: 703 MONTHLY MEAN: .15 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: 37-183-0014 POC: 2
COUNTY: (183) Wake
CITY: (55000) Raleigh
SITE ADDRESS: 3801 SPRING FOREST RD.
SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
MONITOR COMMENTS:

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

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

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

REPORT FOR: SEPTEMBER 2013

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	.1	.8	1.0	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
2	.0	BF	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
3	.0	BF	.0	.0	.0	.1	.2	.3	.2	.1	.1	.1	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	23	.3
4	.0	BF	.0	.0	.0	.0	.1	.3	.8	.8	.9	.8	.5	.4	.3	.2	.2	.2	.1	.1	.1	.0	.0	.0	23	.9
5	.0	BF	.1	.2	.2	.2	.8	1.4	.5	.4	1.0	1.7	.3	.2	.2	.2	.2	.3	.2	.2	.2	.1	.1	.1	23	1.7
6	.2	BF	.4	.7	.6	.9	1.5	1.5	1.5	.8	.7	.6	.5	.4	.4	.3	.2	.2	.2	.5	.1	.1	.0	.0	23	1.5
7	.0	BF	.0	.0	.0	.0	.1	.4	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	23	.4
8	.1	BF	.1	.1	.1	.0	.1	.3	1.2	2.5	1.4	.9	.8	.7	.6	.4	.4	.3	.3	.3	.2	.2	.2	.3	23	2.5
9	.3	BF	.4	.5	.5	.5	1.0	1.5	.6	.3	.3	.5	.4	.3	.3	.3	.3	.3	.3	.2	.1	.1	.1	.0	23	1.5
10	.0	BF	.0	.0	.0	.4	.3	.5	.3	.3	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.5
11	.1	BF	.0	.0	.2	.2	.5	.6	.5	.3	AX	.4	.2	.1	.1	.2	.1	.1	.2	.2	.1	.1	.1	.7	22	.7
12	1.3	BF	.6	.4	.5	.3	.4	.4	.5	.4	.3	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	1.3
13	.0	BF	.0	.0	.0	.0	.1	.2	.2	.3	.2	.6	2.2	2.4	.9	.3	.2	.1	.1	.2	.3	.3	.3	.2	23	2.4
14	.3	BF	.4	.5	.6	.8	1.3	1.3	.8	.6	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	23	1.3
15	.3	BF	.1	.1	.1	.1	.2	.4	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	23	.4
16	.1	BF	.0	.0	.0	.1	.2	.3	.1	.1	.1	.1	.1	.1	.2	.2	.6	.2	.3	.3	.1	.1	.1	.1	23	.6
17	.1	BF	.1	.2	.3	.3	.4	.6	.4	.2	.1	.1	.1	.1	.1	.2	.1	.1	.1	.2	.1	.1	.1	.1	23	.6
18	.1	BF	.1	.1	.1	.1	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.5	.6	.5	23	.6
19	.3	BF	.1	.1	.1	.1	.3	.5	.2	.2	.2	.1	.2	.3	.3	.4	.3	.2	.2	.2	.1	.1	.1	.1	23	.5
20	.1	BF	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1	.1	.1	.1	.1	.0	.0	23	.2
21	.0	BF	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.1	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	23	.2
22	.0	BF	.0	.0	.0	.0	.0	.0	.0	.6	1.8	.9	.5	.3	.3	.3	.2	.2	.2	.2	.2	.1	.1	.1	23	1.8
23	.0	BF	.2	.4	.5	.5	.6	.4	.5	.4	.4	.4	.3	.3	.2	.2	.2	.4	.3	.3	.2	.2	.1	.0	23	.6
24	.0	BF	.1	.0	.0	.1	.2	.2	.3	.4	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	23	.4
25	.0	BF	.1	.1	.1	.5	.4	1.0	1.4	.4	.4	.4	AX	AX	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	21	1.4
26	.1	BF	.2	.1	.1	.1	.1	.3	.6	.5	.6	.7	.5	.3	.3	.3	.3	.3	.2	.2	.1	.1	.0	.0	23	.7
27	.0	BF	.0	.0	.0	.0	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	.0	23	.2
28	.0	BF	.1	.1	.0	.0	.1	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	23	.4
29	.0	BF	.0	.0	.0	.0	.1	.1	.1	.1	.1	AE	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	22	.1
30	.0	BF	.0	.0	.0	.2	.4	.5	.2	.3	.4	BC	BC	BC	.1	.1	.1	.2	.3	.4	.4	.4	.7	.9	20	.9
31																									0	
NO.:	30		30	30	30	30	30	30	30	30	29	28	28	28	30	30	30	30	30	30	30	30	30	30		
MAX:	1.3		.6	.7	.6	.9	1.5	1.5	1.5	2.5	1.8	1.7	2.2	2.4	.9	.4	.6	.4	.3	.5	.4	.5	.7	.9		
AVG:	.11		.11	.12	.13	.19	.33	.46	.40	.38	.40	.40	.32	.29	.21	.18	.18	.16	.16	.17	.12	.12	.11	.13		

MONTHLY OBSERVATIONS: 683 MONTHLY MEAN: .22 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 Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: OCTOBER 2013

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.0	BF	.7	.6	.6	1.1	1.4	2.1	1.1	.6	.5	.3	.3	.3	.2	.2	.2	.2	.5	.5	.5	.5	.3	.2	23	2.1
2	.2	BF	.1	.1	.1	.0	.1	.7	2.4	6.2	4.0	1.2	.2	.2	.2	.1	.1	.1	.2	.6	1.4	1.2	1.0	1.1	23	6.2
3	1.0	BF	.3	.2	.2	.9	1.3	1.1	1.2	.6	.4	.3	.3	.2	.2	.2	.2	.3	.3	.4	.3	.2	.2	.1	23	1.3
4	.1	BF	.1	.1	.1	.2	.6	.8	.7	.5	.3	.2	.1	.1	.1	.1	.1	.2	.3	.4	.6	.5	.5	.2	23	.8
5	.2	BF	.1	.1	.1	.2	.6	.5	.6	.5	.4	.3	.5	.9	.6	.5	.4	.4	.5	.3	.2	.2	.2	.1	23	.9
6	.1	BF	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	3.7	7.4	7.1	2.5	.5	23	7.4
7	.2	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.3	23	.3
8	.2	BF	.4	.4	.6	.7	.6	.6	.5	.7	1.0	1.2	1.2	1.2	1.2	1.0	.7	.6	.9	.9	.9	.9	.9	.8	23	1.2
9	.4	BF	.6	.3	.4	.3	.3	.3	.3	.2	.2	.1	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.6
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	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
12	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
13	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
14	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	BF	BF	.0	.0	.0	.1	.0	.1	.1	.2	.0	.0	.0	.0	21	.2
15	.0	BF	.0	.0	.0	.0	.0	.0	.3	.2	.2	.1	.1	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	23	.3
16	.0	BF	.0	.0	.0	.0	.0	.0	.1	.1	BA	BA	BA	.0	.0	.0	.0	.2	.2	.7	.9	.9	.7	.8	20	.9
17	.5	BF	.1	.2	.0	.2	.5	BA	BA	BA	.3	.2	.2	.2	AT	AT	.2	.2	.2	.1	.0	.2	.0	.0	18	.5
18	.0	BF	.0	.1	.2	.1	.1	.1	.1	.2	.6	.8	.8	.8	.7	.5	.5	.2	.4	.2	.2	.2	.1	.1	23	.8
19	.0	BF	.1	.3	.2	.2	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.0	23	.3
20	.0	BF	.1	.4	.4	.1	.1	.1	.1	.3	.4	.2	.2	.2	.1	.2	.2	.1	.1	.1	.2	.3	.4	.2	23	.4
21	.2	BF	.1	.1	.2	.3	.9	1.6	.8	.4	.3	.3	.3	.3	.3	.3	.5	.5	.4	.3	.3	.3	.3	.2	23	1.6
22	.2	BF	.3	.3	.3	.6	1.0	1.5	1.0	.6	.4	.5	.5	.6	.7	.7	.6	.6	.3	.3	.2	.2	.3	.2	23	1.5
23	.1	BF	.0	.0	.0	.0	.1	.1	.1	.1	.2	.4	.6	.3	.2	.1	.2	.2	.1	.2	.2	.4	.5	.4	23	.6
24	.4	BF	.3	.2	.2	.2	.3	.4	.5	.5	.6	.5	.6	.6	.6	.6	.5	.4	.4	.4	.4	.4	1.2	1.1	23	1.2
25	.5	BF	.4	.3	.3	.4	.4	1.8	1.6	.9	.7	.8	.8	.9	1.7	1.4	.9	.9	.9	.7	1.0	.8	.9	.6	23	1.8
26	.5	BF	.5	.4	.3	.5	.9	1.1	1.3	1.4	1.0	.8	.8	.8	.7	.6	.6	.7	.7	.7	.7	.7	.6	.6	23	1.4
27	.6	BF	.4	.4	.4	.4	.3	.4	.7	.8	.8	.7	.6	.6	.5	.6	.6	.7	.5	.4	.4	.3	.3	.2	23	.8
28	.2	BF	.3	.3	.3	.5	.7	1.4	1.8	BF	BF	.8	.8	.8	1.0	1.1	1.1	1.1	.7	.5	.6	.7	.7	.8	21	1.8
29	.8	BF	.8	.7	.6	1.4	1.3	1.3	1.3	1.0	.6	1.3	1.6	1.6	1.4	.9	.7	.7	.4	.3	.2	.1	.1	.3	23	1.6
30	.2	BF	.1	.1	.1	.2	.4	.5	AZ	AZ	AZ	AZ	.6	.4	.4	.4	.5	.6	.6	.5	.5	.3	.2	.2	19	.6
31	.2	BF	.1	.1	.1	.2	.8	.6	.7	.7	.7	.6	.5	.4	.5	.5	.6	.5	.4	.2	.2	.1	.2	.1	23	.8
NO.:	31		31	31	31	31	31	30	29	28	27	28	30	31	30	30	31	31	31	31	31	31	31	31		
MAX:	1.0		.8	.7	.6	1.4	1.4	2.1	2.4	6.2	4.0	1.3	1.6	1.6	1.7	1.4	1.1	1.1	.9	3.7	7.4	7.1	2.5	1.1		
AVG:	.25		.19	.18	.18	.28	.41	.57	.60	.60	.51	.43	.40	.38	.39	.35	.32	.32	.30	.41	.56	.54	.40	.29		

MONTHLY OBSERVATIONS: 697 MONTHLY MEAN: .38 MONTHLY MAX: 7.4

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

(42401) Sulfur dioxide

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

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

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

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

REPORT FOR: NOVEMBER 2013

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.1	BF	.0	.0	.0	.1	.1	.2	.4	.4	.4	.3	.3	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	23	.4
2	.0	BF	.0	.0	.0	.0	.0	.1	.2	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.3	.5	23	.5
3	.6	BF	.7	1.0	.8	.6	.9	.7	.6	.5	.8	.3	.3	.3	.4	.3	.3	.3	.3	.3	.2	.2	.2	.5	23	1.0
4	.7	BF	.7	.8	1.1	.8	.4	.5	.4	.4	.3	.5	.6	.5	.5	.5	.4	.5	.5	.4	.4	.8	.4	.3	23	1.1
5	.3	BF	.3	.4	.4	.3	.3	.3	.6	.6	.5	.4	.4	.3	.4	.3	.4	.3	.3	.3	.3	.3	.2	.3	23	.6
6	.2	BF	.2	.1	.1	.1	.1	.3	.5	.5	.2	.1	.1	.1	.1	.1	.2	.3	1.0	.4	.5	.3	.5	.1	23	1.0
7	.1	BF	.1	.0	.0	.1	.1	.2	.2	.1	.1	.1	BF	BF	.7	.3	.3	.2	.3	.4	.3	.1	.7	3.2	21	3.2
8	6.4	BF	3.1	1.3	.6	.5	.5	1.0	2.5	2.8	1.1	.8	.8	.9	.8	.9	1.0	.9	.9	.9	1.2	.8	.6	.7	23	6.4
9	.5	BF	.4	.4	.5	.4	.3	.5	.8	1.1	1.0	.8	.8	.7	.7	.7	.7	.7	.7	.9	.8	.7	.8	.7	23	1.1
10	.6	BF	.5	.4	.6	.6	.8	.9	1.1	1.6	1.2	.9	.8	.6	.5	.5	.6	.8	1.4	.7	.7	1.0	1.1	1.8	23	1.8
11	1.1	BF	.6	.6	.4	.4	.5	2.1	.9	.7	.6	.5	.4	.5	.5	.5	.5	1.0	1.5	1.0	2.2	2.6	1.9	1.2	23	2.6
12	.7	BF	.6	.5	.4	.5	.9	1.7	1.1	1.1	1.3	1.9	1.8	1.2	1.1	.9	.7	.5	.4	.3	.4	.4	.5	.5	23	1.9
13	.5	BF	.8	.6	.7	.6	.6	.7	1.3	BF	BF	BC	BC	BC	.2	.2	.4	.6	.7	1.7	3.3	3.4	3.1	2.8	18	3.4
14	1.5	BF	1.8	1.8	1.6	2.1	2.8	3.1	AE	1.0	.6	.7	.6	.7	.6	.4	.3	.8	1.0	.7	.9	1.0	1.1	.7	22	3.1
15	1.2	BF	.5	.4	1.1	.7	1.4	2.7	2.8	1.9	1.6	1.5	1.1	.9	.4	.4	.4	.8	1.0	.4	.5	.5	1.2	1.7	23	2.8
16	1.1	BF	.7	.4	.0	-.1	-.1	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	23	1.1
17	-.2	BF	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.2	-.2			21	-.1
18		BF						-.2	-.1	.0	-.1	-.1	-.1	.0	-.1	.0	.1	.0	.0	-.1	-.1	-.2	.0	.0	17	.1
19	.2	BF	.8	1.1	.8	.7	.6	.9	1.0	.4	.2	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.3	.8	23	1.1
20	1.4	BF	1.4	1.5	1.3	1.3	1.1	.9	.8	.6	.5	.3	.3	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	23	1.5
21	.0	BF	.0	.0	.0	.0	.0	.1	.2	.1	.0	.1	.0	.0	.0	.0	.0	.1	.1	.0	.3	.1	.0	.0	23	.3
22	-.1	BF	-.1	-.1	-.1	-.1	.2	.9	.4	.6	.4	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.2	-.2	23	.9
23	-.2	BF					-.2	.0	-.1	-.1	.6	.8	1.5	.8	2.9	1.5	.6	.4	.4	.4	.4	1.0	.9	.5	19	2.9
24	.5	BF	.9	.5	.2	.1	.3	.5	1.4	1.1	.8	.8	.8	.8	.8	.9	.7	.6	.6	.6	.8	.8	.7	.5	23	1.4
25	.4	BF	.3	.2	.2	.2	.2	AE	AE	AE	AE	AE	AE	AE	.5	.5	.6	.8	.8	.6	.5	.5	.4	.4	16	.8
26	.4	BF	.3	.3	.3	.6	.7	.8	1.2	1.0	.9	.6	.1	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.2	23	1.2
27	-.2	BF	-.2	-.2	-.2	-.2	-.2	-.1	.0	.4	.2	1.3	BF	BF	.2	.2	.0	.0	.0	.1	.0	.0	.0	.0	21	1.3
28	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	0	
29	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	.6	.5	.5	.5	.5	.6	AE	AE	AE	6	.6
30	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	1.1	.9	.8	.7	.7	.7	.7	.7	.6	.7	.5	.4	.3	13	1.1
31																									0	
NO.:	26		25	25	25	25	26	26	25	25	25	26	24	24	28	29	29	29	29	29	29	28	27	27		
MAX:	6.4		3.1	1.8	1.6	2.1	2.8	3.1	2.8	2.8	1.6	1.9	1.8	1.2	2.9	1.5	1.0	1.0	1.5	1.7	3.3	3.4	3.1	3.2		
AVG:	.68		.57	.47	.42	.40	.47	.71	.72	.68	.53	.53	.48	.40	.44	.36	.32	.37	.45	.37	.50	.52	.55	.63		

MONTHLY OBSERVATIONS: 611 MONTHLY MEAN: .50 MONTHLY MAX: 6.4

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

(42401) Sulfur dioxide

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

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

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

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

REPORT FOR: DECEMBER 2013

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.1	BF	.0	.0	.0	.0	.0	.1	.4	.9	.7	.6	.5	.5	.5	.5	.6	1.1	.9	.8	.7	.5	.3	.3	23	1.1
2	1.0	BF	.8	.5	.9	.7	.8	1.4	2.3	3.1	1.7	.8	.3	.3	.2	.2	.5	1.9	.9	2.2	1.7	3.0	2.1	1.2	23	3.1
3	1.6	BF	1.5	1.7	1.5	2.2	3.0	4.3	3.8	1.5	.8	.4	.5	.5	.4	.5	.6	.8	.8	.5	.4	.3	.3	.2	23	4.3
4	.3	BF	.1	.1	.1	.1	.1	.2	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.4	23	.4
5	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.3	.5	.1	.0	.0	.0	.0	23	.5
6	.0	BF	.0	.0	.0	.0	.0	.1	.3	.5	.6	.7	.5	.5	.2	.1	.1	.1	.1	.2	.1	.0	.1	.1	23	.7
7	.0	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.9	1.4	1.4	1.1	1.1	1.2	23	1.4
8	1.2	BF	1.3	1.3	1.5	1.4	1.0	.4	.2	.1	.1	.1	.0	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	12	1.5
9	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	.2	.3	.1	.2	.2	.1	.3	.5	.4	.2	.2	.3	.4	13	.5
10	.4	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	1.5	.5	.0	.7	1.9	.1	.0	.0	23	1.9
11	.0	BF	.5	1.1	1.1	.5	1.8	2.3	1.5	6.2	6.3	6.4	AX	BA	.3	.2	.3	.9	1.4	1.5	1.3	.9	1.1	1.2	21	6.4
12	.7	BF	.3	.0	.1	3.5	7.3	4.8	4.0	2.3	4.2	3.5	3.5	2.2	3.2	3.0	1.4	1.6	1.8	1.9	2.4	1.8	3.4	3.8	23	7.3
13	3.7	BF	3.3	3.5	AE	AE	AE	AE	AE	1.4	1.0	.8	.8	.7	1.3	1.7	2.8	3.5	3.3	3.3	2.6	2.8	1.5	1.4	18	3.7
14	1.4	BF	.5	.4	.5	.5	.3	.4	.4	.5	.4	.8	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.4
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	.0	BF	.0	.0	.0	.0	.0	1.2	1.4	.8	.4	.3	.2	.1	.1	.4	.7	1.3	1.8	1.0	.4	.3	.2	.2	23	1.8
17	.3	BF	.1	.0	.2	.4	.5	.9	1.0	.6	.7	.8	1.0	.6	.3	.3	.3	.4	.4	.4	.3	.3	.2	.1	23	1.0
18	.0	BF	.1	.0	.0	.0	.0	.1	.3	.5	.6	.5	.4	.4	.3	.2	.4	.9	3.2	5.5	3.9	3.7	3.4	3.2	23	5.5
19	2.6	BF	2.3	2.4	2.2	1.6	1.7	1.6	1.7	1.2	.6	1.1	AX	1.1	.9	1.6	2.3	1.6	.9	.8	.9	1.3	1.3	1.1	22	2.6
20	.9	BF	.6	.4	.4	.3	.5	1.0	1.5	1.7	1.1	.8	.5	.4	.2	.4	.5	.7	.7	.7	.8	.7	.5	.3	23	1.7
21	.4	BF	.2	.0	.1	.0	.0	.1	.0	.4	.7	.6	.5	.6	.5	.5	.2	.2	.0	.0	.0	.0	.0	.0	23	.7
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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
24	.0	BF	.0	.0	.0	.0	.0	.1	.2	.3	.2	.3	.4	.4	.2	.3	.0	.0	.0	.2	.3	.9	1.4	1.4	23	1.4
25	.8	BF	.5	.5	.5	.4	.3	.4	.2	.5	.5	.6	.6	.5	.4	.4	.5	2.0	.5	.6	.5	.4	.1	.1	23	2.0
26	.1	BF	.4	.3	.3	.3	.2	.3	.3	.4	.5	.5	.6	.6	.5	.2	.4	1.4	1.9	2.4	3.2	2.3	.3	.2	23	3.2
27	.2	BF	.2	.2	.3	.5	.4	.6	.8	.9	.8	.6	.5	.4	.3	.3	.3	1.5	1.6	3.4	3.5	4.0	5.2	5.0	23	5.2
28	4.6	BF	2.8	3.2	2.5	2.8	3.6	3.2	3.5	3.5	2.0	1.4	.4	.2	.2	.2	.2	1.1	1.7	1.3	.9	.6	1.5	.9	23	4.6
29	.9	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.9
30	.0	BF	.2	.2	.4	.1	.3	1.6	1.1	.1	.0	.0	.0	.0	.0	.0	.0	1.2	.1	.0	.0	.0	.0	.1	23	1.6
31	.0	BF	.1	.1	.2	.0	.0	.0	.2	.3	.5	.2	.4	AX	BA	.0	.0	.4	1.0	.3	.4	1.1	1.7	1.5	21	1.7
NO.:	30		30	30	29	29	29	29	29	30	30	31	29	28	29	30	30	30	30	30	30	30	30	30		
MAX:	4.6		3.3	3.5	2.5	3.5	7.3	4.8	4.0	6.2	6.3	6.4	3.5	2.2	3.2	3.0	2.8	3.5	3.3	5.5	3.9	4.0	5.2	5.0		
AVG:	.71		.53	.53	.44	.53	.75	.87	.88	.93	.81	.71	.42	.37	.36	.40	.46	.80	.84	.99	.93	.88	.87	.81		

MONTHLY OBSERVATIONS: 682 MONTHLY MEAN: .69 MONTHLY MAX: 7.3

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

QUALIFIER CODES:

Qualifier Code	Qualifier Description	Qualifier Type
AE	Shelter Temperature Outside Limits	NULL
AI	Insufficient Data (cannot calculate)	NULL
AN	Machine Malfunction	NULL
AQ	Collection Error	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
BF	Precision/Zero/Span	NULL
BJ	Operator Error	NULL

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