UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

User ID: XJBAPAT

RAW DATA REPORT

Report Request ID: 1395318 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	42602		

SELECTED OPTIONS

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

SORT ORDER

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

DATE CRITERIA

Start Date	End Date
2014 01 01	2014 12 31

APPLICABLE STANDARDS

Standard Description
NO2 Annual 1971

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
RAW DATA REPORT

Dec. 15, 2015

(42602) Nitrogen dioxide (NO2)

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: CSI 1600 ANALYZER/CHANGED TO API 200A 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: 10102-44-0
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: (599) Instrumental Chemiluminescence Tel
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JANUARY 2014

DURATION: 1 HOUR
UNITS: Parts per billion
MIN DETECTABLE: .05

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	23.0	21.0	21.0	20.0	20.0	20.0	20.0	16.0	16.0	16.0	15.0	9.0	5.0	2.0	2.0	3.0	5.0	12.0	18.0	18.0	15.0	14.0	20.0	16.0	24	23.0
2	10.0	7.0	13.0	13.0	10.0	17.0	18.0	19.0	19.0	20.0	14.0	14.0	15.0	14.0	12.0	14.0	17.0	13.0	12.0	13.0	9.0	4.0	3.0	3.0	24	20.0
3	3.0	3.0	3.0	2.0	1.0	1.0	2.0	3.0	4.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	4.0	7.0	14.0	12.0	11.0	18.0	15.0	14.0	24	18.0
4	13.0	11.0	14.0	19.0	16.0	15.0	18.0	24.0	22.0	6.0	8.0	4.0	3.0	4.0	4.0	6.0	8.0	8.0	7.0	10.0	9.0	10.0	8.0	9.0	24	24.0
5	11.0	10.0	10.0	11.0	8.0	6.0	4.0	8.0	4.0	5.0	4.0	5.0	9.0	4.0	5.0	6.0	8.0	15.0	16.0	10.0	9.0	11.0	10.0	11.0	24	16.0
6	11.0	11.0	8.0	7.0	8.0	7.0	9.0	8.0	5.0	3.0	2.0	1.0	1.0	1.0	1.0	1.0	2.0	3.0	2.0	1.0	1.0	2.0	1.0	1.0	24	11.0
7	1.0	1.0	1.0	1.0	2.0	2.0	3.0	6.0	5.0	2.0	2.0	1.0	1.0	.0	.0	1.0	2.0	9.0	16.0	22.0	13.0	12.0	8.0	9.0	24	22.0
8	11.0	12.0	12.0	15.0	18.0	22.0	21.0	19.0	18.0	23.0	26.0	10.0	BA	6.0	6.0	10.0	14.0	24.0	29.0	31.0	32.0	30.0	26.0	18.0	23	32.0
9	10.0	8.0	12.0	15.0	20.0	24.0	25.0	27.0	27.0	27.0	26.0	18.0	16.0	11.0	5.0	7.0	6.0	12.0	23.0	18.0	31.0	21.0	22.0	23.0	24	31.0
10	12.0	8.0	7.0	6.0	5.0	5.0	4.0	5.0	7.0	8.0	6.0	6.0	5.0	10.0	8.0	6.0	7.0	7.0	7.0	7.0	7.0	5.0	5.0	4.0	24	12.0
11	4.0	4.0	4.0	6.0	6.0	7.0	9.0	11.0	11.0	9.0	8.0	5.0	6.0	9.0	7.0	6.0	7.0	7.0	5.0	4.0	3.0	3.0	2.0	2.0	24	11.0
12	1.0	1.0	1.0	.0	2.0	1.0	2.0	9.0	10.0	4.0	1.0	.0	.0	1.0	1.0	1.0	2.0	6.0	17.0	14.0	16.0	12.0	13.0	14.0	24	17.0
13	11.0	7.0	7.0	6.0	8.0	7.0	10.0	17.0	17.0	10.0	6.0	5.0	5.0	4.0	4.0	6.0	8.0	8.0	11.0	12.0	16.0	15.0	7.0	6.0	24	17.0
14	5.0	5.0	7.0	7.0	8.0	7.0	15.0	20.0	20.0	BF	BF	BF	6.0	2.0	1.0	2.0	3.0	12.0	29.0	31.0	32.0	31.0	26.0	21.0	21	32.0
15	22.0	22.0	18.0	22.0	16.0	18.0	21.0	26.0	16.0	16.0	20.0	22.0	19.0	10.0	2.0	5.0	3.0	4.0	2.0	4.0	1.0	1.0	.0	1.0	24	26.0
16	7.0	4.0	6.0	9.0	8.0	18.0	16.0	20.0	17.0	3.0	2.0	2.0	1.0	2.0	2.0	2.0	5.0	10.0	21.0	22.0	19.0	19.0	11.0	10.0	24	22.0
17	13.0	13.0	12.0	13.0	15.0	17.0	20.0	23.0	14.0	12.0	9.0	7.0	5.0	5.0	5.0	5.0	6.0	6.0	13.0	7.0	8.0	6.0	6.0	3.0	24	23.0
18	3.0	4.0	5.0	3.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	4.0	11.0	24.0	24.0	19.0	12.0	8.0	24	24.0
19	7.0	6.0	5.0	5.0	6.0	7.0	8.0	10.0	8.0	5.0	5.0	4.0	1.0	1.0	1.0	1.0	1.0	2.0	4.0	8.0	10.0	11.0	14.0	13.0	24	14.0
20	12.0	6.0	6.0	8.0	14.0	12.0	17.0	21.0	18.0	16.0	12.0	7.0	6.0	5.0	5.0	5.0	7.0	13.0	20.0	25.0	26.0	36.0	30.0	27.0	24	36.0
21	19.0	17.0	15.0	12.0	12.0	11.0	7.0	9.0	6.0	4.0	3.0	4.0	2.0	2.0	3.0	4.0	4.0	8.0	3.0	3.0	5.0	4.0	4.0	3.0	24	19.0
22	2.0	2.0	2.0	3.0	2.0	3.0	7.0	9.0	4.0	2.0	2.0	1.0	1.0	.0	1.0	1.0	1.0	3.0	18.0	20.0	20.0	21.0	19.0	14.0	24	21.0
23	4.0	5.0	10.0	13.0	7.0	6.0	8.0	18.0	18.0	7.0	5.0	2.0	1.0	1.0	1.0	2.0	3.0	5.0	5.0	4.0	3.0	2.0	2.0	1.0	24	18.0
24	1.0	1.0	1.0	2.0	2.0	4.0	4.0	9.0	4.0	BC	BC	BC	BC	BC	BC	-1.0	.0	2.0	9.0	14.0	12.0	11.0	9.0	8.0	18	14.0
25	4.0	3.0	4.0	5.0	3.0	3.0	3.0	2.0	1.0	.0	.0	.0	.0	1.0	2.0	2.0	3.0	5.0	4.0	-1.0	.0	3.0	3.0	.0	24	5.0
26	-1.0	2.0	.0	6.0	9.0	13.0	17.0	19.0	14.0	3.0	.0	.0	.0	-1.0	1.0	1.0	2.0	3.0	7.0	9.0	6.0	4.0	4.0	7.0	24	19.0
27	6.0	5.0	1.0	1.0	2.0	2.0	7.0	17.0	16.0	10.0	7.0	.0	.0	.0	.0	.0	.0	2.0	5.0	1.0	.0	.0	-1.0	-2.0	24	17.0
28	-2.0	-2.0	-2.0	-2.0	-2.0	-1.0	-1.0	-1.0	.0	BF	BF	BF	-1.0	-1.0	.0	.0	.0	.0	.0	-1.0	-1.0	.0	.0	-1.0	21	0.0
29	-1.0	-1.0	-1.0	.0	.0	.0	.0	1.0	4.0	.0		-2.0	-1.0	-1.0	-1.0	-1.0	.0	3.0	13.0	19.0	28.0	33.0	30.0	29.0	23	33.0
30	25.0	24.0	22.0	22.0	26.0	23.0	19.0	14.0	6.0	2.0	-1.0	.0	.0	.0	1.0	2.0	3.0	8.0	18.0	37.0	34.0	42.0	33.0	33.0	24	42.0
31	30.0	32.0	32.0	28.0	21.0	28.0	29.0	24.0	21.0	12.0	14.0	14.0	11.0	9.0	7.0	6.0	10.0	24.0	37.0	37.0	37.0	32.0	30.0	30.0	24	37.0
NO.:	31	31	31	31	31	31	31	31	31	28	27	28	29	30	30	31	31	31	31	31	31	31	31	31		
MAX:	30.0	32.0	32.0	28.0	26.0	28.0	29.0	27.0	27.0	27.0	26.0	22.0	19.0	14.0	12.0	14.0	17.0	24.0	37.0	37.0	37.0	42.0	33.0	33.0		
AVG:	8.94	8.13	8.26	8.97	8.84	9.87	11.06	13.32	11.35	8.07	7.30	5.00	4.07	3.40	2.93	3.39	4.58	7.90	12.77	14.03	14.06	13.94	12.00	10.81		

MONTHLY OBSERVATIONS: 730 MONTHLY MEAN: 8.93 MONTHLY MAX: 42.0

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

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CAS NUMBER: 10102-44-0
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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: (599) Instrumental Chemiluminescence Tel
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: FEBRUARY 2014

DURATION: 1 HOUR
UNITS: Parts per billion
MIN DETECTABLE: .05

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	29.0	27.0	25.0	25.0	26.0	35.0	31.0	25.0	18.0	9.0	6.0	4.0	4.0	4.0	4.0	2.0	4.0	9.0	20.0	21.0	11.0	6.0	4.0	4.0	24	35.0
2	3.0	3.0	2.0	2.0	3.0	3.0	4.0	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.0	10.0	9.0	5.0	6.0	5.0	4.0	24	10.0
3	3.0	2.0	4.0	2.0	-1.0	.0	3.0	7.0	6.0	6.0	7.0	.0	.0	.0	-1.0	-1.0	.0	5.0	2.0	3.0	1.0	1.0	.0	-1.0	24	7.0
4	-1.0	-1.0	-2.0		-2.0	-1.0	.0	.0	1.0	.0	-1.0	-1.0	-2.0	-2.0	-1.0	.0	1.0	2.0	3.0	3.0	2.0	1.0	.0	.0	23	3.0
5	-1.0	-1.0	-1.0	-1.0	-2.0	1.0	8.0	8.0	11.0	4.0	3.0	5.0	3.0	2.0	1.0	2.0	2.0	.0	.0	-1.0	.0	.0	.0	.0	24	11.0
6	.0	.0	.0	.0	2.0	6.0	4.0	12.0	4.0	.0	-1.0	-2.0	-2.0	-1.0	-1.0	.0	2.0	4.0	10.0	13.0	17.0	18.0	6.0	.0	24	18.0
7	1.0	2.0	10.0	24.0	27.0	22.0	12.0	12.0	7.0	2.0	.0	.0	.0	.0	.0	.0	.0	4.0	19.0	18.0	13.0	22.0	24.0	20.0	24	27.0
8	15.0	8.0	5.0	3.0	2.0	1.0	1.0	1.0	.0	.0	.0	2.0	.0	1.0	4.0	6.0	4.0	6.0	12.0	11.0	10.0	6.0	5.0	7.0	24	15.0
9	9.0	6.0	4.0	5.0	3.0	7.0	7.0	9.0	6.0	4.0	3.0	3.0	7.0	5.0	4.0	3.0	3.0	5.0	9.0	2.0	2.0	1.0	1.0	1.0	24	9.0
10	5.0	-1.0	.0	-1.0	-2.0	-1.0	2.0	3.0	1.0	BF	BF	BF	.0	.0	.0	1.0	2.0	4.0	6.0	6.0	5.0	4.0	3.0	2.0	21	6.0
11	2.0	1.0	-1.0	-1.0	-1.0	-1.0	.0	2.0	3.0	.0	.0	.0	1.0	3.0	1.0	.0	.0	2.0	6.0	7.0	11.0	8.0	5.0	5.0	24	11.0
12	4.0	2.0	1.0	.0	.0	1.0	2.0	3.0	4.0	3.0	2.0	2.0	1.0	1.0	1.0	1.0	2.0	1.0	2.0	2.0	1.0	.0	.0	-1.0	24	4.0
13	-1.0	-1.0	-1.0	-2.0	.0	.0	.0	-1.0	-1.0	-1.0	-1.0	1.0	.0	.0	.0	.0	.0	1.0	.0	.0	-1.0	-2.0	.0	3.0	24	3.0
14	8.0	4.0	4.0	1.0	.0	2.0	4.0	3.0	4.0	3.0	2.0	.0	.0	.0	1.0	3.0	5.0	11.0	16.0	12.0	11.0	10.0	5.0	6.0	24	16.0
15	8.0	9.0	10.0	6.0	3.0	3.0	6.0	4.0	.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	.0	.0	.0	1.0	4.0	4.0	6.0	2.0	1.0	24	10.0
16	2.0	2.0	1.0	2.0	4.0	7.0	12.0	14.0	12.0	5.0	3.0	2.0	.0	.0	.0	2.0	3.0	4.0	17.0	23.0	12.0	14.0	19.0	11.0	24	23.0
17	3.0	6.0	3.0	.0	-1.0	1.0	.0	-1.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	2.0	6.0	10.0	6.0	4.0	1.0	2.0	24	10.0
18	4.0	3.0	5.0	2.0	3.0	7.0	20.0	27.0	19.0	15.0	7.0	.0	.0	.0	.0	1.0	2.0	7.0	23.0	26.0	25.0	33.0	21.0	14.0	24	33.0
19	12.0	7.0	13.0	9.0	8.0	5.0	9.0	12.0	17.0	9.0	7.0	5.0	2.0	1.0	.0	.0	2.0	4.0	16.0	22.0	12.0	6.0	12.0	15.0	24	22.0
20	6.0	.0	1.0	.0	.0	1.0	3.0	4.0	3.0	2.0	2.0	4.0	2.0	1.0	2.0	6.0	9.0	13.0	15.0	6.0	4.0	4.0	6.0	9.0	24	15.0
21	.0	.0	-2.0	-2.0	-2.0	-1.0	.0	.0	.0	.0	1.0	.0	-1.0	.0	-2.0	.0	.0	1.0	7.0	3.0	1.0	.0	1.0	11.0	24	11.0
22	12.0	10.0	23.0	21.0	18.0	19.0	21.0	17.0	13.0	9.0	1.0	3.0	3.0	.0	-1.0	-1.0	-1.0	.0	7.0	18.0	15.0	8.0	9.0	13.0	24	23.0
23	8.0	4.0	2.0	8.0	14.0	17.0	17.0	13.0	12.0	5.0	2.0	.0	.0	.0	1.0	.0	.0	2.0	7.0	7.0	6.0	5.0	1.0	1.0	24	17.0
24	.0	.0	2.0	-1.0	-1.0	2.0	1.0	4.0	3.0	.0	-1.0	-1.0	-1.0	-2.0	-2.0	-1.0	.0	.0	5.0	1.0	.0	11.0	7.0	7.0	24	11.0
25	14.0	11.0	9.0	8.0	9.0	19.0	16.0	17.0	14.0	BF	BF	BF	2.0	.0	-1.0	.0	.0	2.0	1.0	2.0	8.0	2.0	1.0	.0	21	19.0
26	.0	.0	.0	-1.0	-1.0	.0	2.0	5.0	4.0	2.0	1.0	-1.0	-1.0	-2.0	-1.0	-1.0	.0	1.0	2.0	1.0	.0	.0	.0	.0	24	5.0
27	.0	2.0	1.0	3.0	10.0	21.0	24.0	21.0	7.0	2.0	.0	-1.0	-1.0	-1.0	-2.0	-1.0	-1.0	.0	3.0	9.0	4.0	7.0	1.0	-1.0	24	24.0
28	.0	-1.0	-1.0	-1.0	.0	1.0	.0	1.0	.0	.0	-1.0	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	4.0	6.0	5.0	4.0	4.0	16	6.0
29																									0	
30																									0	
31																									0	
NO.:	28	28	28	27	28	28	28	28	28	26	26	25	27	27	27	27	27	27	27	28	28	28	28	28		
MAX:	29.0	27.0	25.0	25.0	27.0	35.0	31.0	27.0	19.0	15.0	7.0	5.0	7.0	5.0	4.0	6.0	9.0	13.0	23.0	26.0	25.0	33.0	24.0	20.0		
AVG:	5.18	3.71	4.18	4.11	4.25	6.32	7.46	8.00	6.04	3.00	1.58	.96	.59	.33	.22	.85	1.48	3.52	8.33	8.64	6.82	6.64	5.11	4.89		

MONTHLY OBSERVATIONS: 657 MONTHLY MEAN: 4.31 MONTHLY MAX: 35.0

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URBANIZED AREA: (9220) WINSTON-SALEM, NC
LAND USE: RESIDENTIAL
LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 10102-44-0
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: (599) Instrumental Chemiluminescence Tel
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MARCH 2014

DURATION: 1 HOUR
UNITS: Parts per billion
MIN DETECTABLE: .05

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	3.0	1.0	1.0	1.0	2.0	1.0	1.0	2.0	2.0	3.0	1.0	5.0	6.0	7.0	2.0	1.0	1.0	1.0	7.0	24.0	25.0	24.0	29.0	23.0	24	29.0
2	15.0	14.0	26.0	28.0	24.0	22.0	21.0	19.0	13.0	6.0	2.0	1.0	.0	.0	.0	.0	1.0	2.0	6.0	7.0	6.0	11.0	6.0	1.0	24	28.0
3	.0	.0	-1.0	-1.0	.0	.0	3.0	1.0	1.0	2.0	.0	-1.0	-2.0	-2.0	.0	-1.0	-2.0	-2.0	-1.0	-1.0	.0	1.0	.0	.0	24	3.0
4	.0	-2.0	-1.0	-1.0	.0	1.0	2.0	1.0	.0	-1.0	-1.0	-1.0	1.0	1.0	1.0	2.0	.0	.0	1.0	3.0	4.0	2.0	2.0	2.0	24	4.0
5	2.0	2.0	4.0	18.0	17.0	10.0	8.0	9.0	BC	BC	BC	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	8	18.0
6	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BC	BC	BC	BC	5.0	7.0	5.0	5.0	4.0	4.0	4.0	3.0	2.0	2.0	10	7.0
7	2.0	3.0	3.0	4.0	3.0	1.0	.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	6.0	25.0	35.0	39.0	35.0	31.0	24	39.0
8	29.0	31.0	31.0	30.0	30.0	28.0	27.0	17.0	22.0	25.0	18.0	11.0	7.0	3.0	4.0	4.0	5.0	6.0	13.0	27.0	35.0	41.0	34.0	33.0	24	41.0
9	35.0	34.0	31.0	15.0	15.0	10.0	21.0	14.0	5.0	4.0	3.0	4.0	4.0	4.0	4.0	4.0	4.0	5.0	12.0	17.0	14.0	11.0	33.0	33.0	24	35.0
10	28.0	22.0	24.0	21.0	30.0	36.0	42.0	41.0	36.0	23.0	7.0	7.0	6.0	6.0	6.0	8.0	8.0	9.0	17.0	19.0	27.0	34.0	19.0	11.0	24	42.0
11	8.0	8.0	9.0	15.0	24.0	39.0	37.0	38.0	30.0	7.0	5.0	4.0	6.0	6.0	6.0	6.0	6.0	8.0	13.0	29.0	26.0	17.0	15.0	14.0	24	39.0
12	13.0	13.0	9.0	9.0	6.0	5.0	6.0	5.0	8.0	8.0	5.0	5.0	4.0	4.0	3.0	2.0	4.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	24	13.0
13	1.0	1.0	1.0	2.0	2.0	2.0	4.0	3.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	4.0	14.0	28.0	11.0	11.0	21.0	24	28.0
14	23.0	26.0	26.0	25.0	29.0	29.0	30.0	28.0	17.0	11.0	8.0	7.0	5.0	7.0	5.0	4.0	5.0	6.0	10.0	9.0	8.0	7.0	5.0	4.0	24	30.0
15	4.0	3.0	3.0	3.0	4.0	6.0	15.0	12.0	8.0	7.0	3.0	3.0	3.0	3.0	3.0	3.0	4.0	3.0	8.0	17.0	20.0	38.0	27.0	13.0	24	38.0
16	12.0	7.0	12.0	7.0	5.0	5.0	4.0	4.0	4.0	4.0	4.0	5.0	5.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	1.0	1.0	24	12.0
17	1.0	1.0	1.0	.0	.0	1.0	1.0	2.0	1.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	3.0	24	3.0
18	2.0	2.0	3.0	2.0	3.0	2.0	3.0	3.0	2.0	2.0	4.0	1.0	2.0	1.0	1.0	3.0	5.0	5.0	4.0	5.0	3.0	2.0	3.0	3.0	24	5.0
19	2.0	2.0	2.0	1.0	2.0	2.0	4.0	4.0	2.0	3.0	2.0	3.0	8.0	8.0	7.0	8.0	10.0	9.0	10.0	13.0	12.0	14.0	12.0	8.0	24	14.0
20	6.0	7.0	9.0	9.0	11.0	11.0	14.0	15.0	6.0	BF	BF	BF	1.0	1.0	2.0	2.0	2.0	3.0	5.0	7.0	15.0	6.0	10.0	4.0	21	15.0
21	8.0	12.0	16.0	23.0	29.0	23.0	29.0	26.0	23.0	9.0	4.0	2.0	2.0	2.0	3.0	4.0	4.0	5.0	9.0	16.0	17.0	14.0	12.0	8.0	24	29.0
22	8.0	7.0	6.0	5.0	6.0	7.0	10.0	8.0	7.0	6.0	5.0	4.0	3.0	3.0	3.0	4.0	4.0	5.0	7.0	16.0	25.0	31.0	19.0	27.0	24	31.0
23	31.0	38.0	33.0	18.0	5.0	7.0	7.0	2.0	3.0	5.0	3.0	2.0	6.0	2.0	2.0	2.0	1.0	1.0	5.0	6.0	11.0	4.0	1.0	3.0	24	38.0
24	3.0	1.0	3.0	2.0	3.0	5.0	8.0	4.0	1.0	1.0	.0	.0	1.0	1.0	1.0	1.0	2.0	3.0	4.0	15.0	16.0	13.0	10.0	7.0	24	16.0
25	7.0	4.0	2.0	2.0	2.0	5.0	11.0	10.0	9.0	9.0	9.0	22.0	11.0	5.0	6.0	3.0	4.0	7.0	3.0	3.0	3.0	4.0	3.0	2.0	24	22.0
26	2.0	2.0	2.0	2.0	4.0	8.0	8.0	5.0	2.0	2.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	2.0	6.0	21.0	18.0	10.0	18.0	12.0	24	21.0
27	15.0	16.0	15.0	17.0	18.0	23.0	26.0	19.0	10.0	4.0	4.0	3.0	3.0	4.0	3.0	4.0	4.0	5.0	7.0	6.0	11.0	7.0	5.0	9.0	24	26.0
28	6.0	4.0	2.0	3.0	3.0	8.0	17.0	21.0	12.0	7.0	6.0	5.0	6.0	7.0	5.0	4.0	6.0	6.0	8.0	9.0	12.0	13.0	11.0	9.0	24	21.0
29	6.0	6.0	7.0	6.0	6.0	3.0	3.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	3.0	3.0	4.0	4.0	3.0	1.0	3.0	2.0	24	7.0
30	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	3.0	1.0	2.0	3.0	1.0	24	3.0
31	1.0	1.0	2.0	3.0	2.0	7.0	10.0	15.0	6.0	5.0	2.0	1.0	1.0	2.0	2.0	2.0	2.0	3.0	9.0	30.0	51.0	37.0	36.0	34.0	24	51.0
NO.:	30	30	30	30	30	30	30	30	29	28	28	28	29	29	30	30	30	30	30	30	30	30	30	30		
MAX:	35.0	38.0	33.0	30.0	30.0	39.0	42.0	41.0	36.0	25.0	18.0	22.0	11.0	8.0	7.0	8.0	10.0	9.0	17.0	30.0	51.0	41.0	36.0	34.0		
AVG:	9.17	8.90	9.40	9.00	9.53	10.27	12.43	11.07	8.14	5.64	3.61	3.61	3.34	3.00	2.83	2.93	3.23	3.70	6.30	11.87	14.53	13.43	12.30	10.77		

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: 7.92 MONTHLY MAX: 51.0

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.

(42602) Nitrogen dioxide (NO2)

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: CSI 1600 ANALYZER/CHANGED TO API 200A 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: 10102-44-0
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: (599) Instrumental Chemiluminescence Tel
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: APRIL 2014

DURATION: 1 HOUR
UNITS: Parts per billion
MIN DETECTABLE: .05

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	24.0	23.0	20.0	17.0	21.0	23.0	21.0	22.0	11.0	8.0	7.0	18.0	9.0	4.0	3.0	4.0	5.0	6.0	9.0	18.0	24.0	36.0	42.0	38.0	24	42.0
2	23.0	17.0	11.0	10.0	10.0	21.0	30.0	24.0	12.0	10.0	4.0	3.0	3.0	3.0	3.0	2.0	3.0	5.0	9.0	24.0	28.0	16.0	11.0	7.0	24	30.0
3	7.0	15.0	8.0	4.0	2.0	3.0	4.0	5.0	BF	BF	BF	6.0	4.0	6.0	3.0	5.0	4.0	4.0	12.0	19.0	14.0	15.0	18.0	7.0	21	19.0
4	9.0	12.0	8.0	7.0	14.0	21.0	22.0	22.0	14.0	7.0	4.0	3.0	2.0	3.0	3.0	3.0	3.0	4.0	8.0	6.0	4.0	5.0	2.0	2.0	24	22.0
5	1.0	1.0	2.0	3.0	5.0	2.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	4.0	6.0	1.0	1.0	4.0	5.0	24	6.0
6	4.0	3.0	12.0	2.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	24	12.0
7	1.0	1.0	1.0	1.0	1.0	1.0	4.0	2.0	3.0	4.0	3.0	4.0	7.0	10.0	8.0	11.0	11.0	10.0	16.0	15.0	11.0	2.0	2.0	2.0	24	16.0
8	2.0	4.0	4.0	4.0	3.0	6.0	8.0	7.0	3.0	2.0	1.0	1.0	1.0	2.0	2.0	3.0	3.0	4.0	5.0	5.0	2.0	3.0	4.0	5.0	24	8.0
9	7.0	12.0	13.0	10.0	9.0	12.0	16.0	12.0	6.0	4.0	2.0	3.0	3.0	4.0	3.0	3.0	3.0	3.0	3.0	8.0	12.0	23.0	16.0	14.0	24	23.0
10	14.0	14.0	14.0	16.0	18.0	29.0	21.0	25.0	30.0	16.0	3.0	2.0	3.0	3.0	4.0	5.0	5.0	4.0	6.0	10.0	11.0	7.0	6.0	7.0	24	30.0
11	3.0	4.0	4.0	4.0	4.0	6.0	11.0	10.0	8.0	7.0	6.0	6.0	5.0	3.0	5.0	5.0	5.0	4.0	5.0	7.0	7.0	10.0	9.0	5.0	24	11.0
12	4.0	4.0	4.0	11.0	10.0	13.0	18.0	9.0	6.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	3.0	4.0	5.0	14.0	17.0	12.0	9.0	8.0	24	18.0
13	4.0	3.0	4.0	2.0	2.0	2.0	5.0	3.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	3.0	3.0	4.0	5.0	8.0	6.0	3.0	3.0	2.0	24	8.0
14	3.0	1.0	3.0	2.0	2.0	2.0	6.0	5.0	5.0	3.0	2.0	2.0	1.0	1.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	4.0	2.0	.0	24	6.0
15	.0	2.0	.0	.0	1.0	2.0	4.0	7.0	4.0	3.0	3.0	5.0	4.0	4.0	3.0	5.0	7.0	6.0	2.0	1.0	2.0	2.0	2.0	3.0	24	7.0
16	5.0	1.0	.0	1.0	2.0	6.0	4.0	1.0	.0	.0	.0	2.0	1.0	1.0	.0	.0	1.0	1.0	1.0	4.0	6.0	3.0	3.0	3.0	24	6.0
17	2.0	2.0	2.0	3.0	4.0	4.0	5.0	5.0	BF	BF	BF	1.0	1.0	1.0	1.0	1.0	2.0	2.0	5.0	8.0	7.0	7.0	5.0	4.0	21	8.0
18	3.0	3.0	2.0	1.0	1.0	1.0	1.0	1.0	.0	.0	1.0	5.0	5.0	3.0	4.0	10.0	10.0	8.0	9.0	5.0	7.0	4.0	2.0	1.0	24	10.0
19	1.0	1.0	1.0	1.0	1.0	5.0	1.0	1.0	1.0	2.0	2.0	1.0	4.0	3.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	24	5.0
20	2.0	1.0	2.0	3.0	2.0	3.0	4.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	5.0	5.0	3.0	3.0	1.0	24	5.0
21	1.0	1.0	1.0	1.0	2.0	3.0	3.0	5.0	.0	.0	3.0	6.0	4.0	2.0	3.0	3.0	3.0	4.0	5.0	23.0	30.0	30.0	13.0	6.0	24	30.0
22	4.0	5.0	7.0	6.0	12.0	21.0	31.0	32.0	32.0	12.0	7.0	2.0	4.0	6.0	6.0	10.0	8.0	10.0	7.0	11.0	16.0	9.0	6.0	6.0	24	32.0
23	4.0	2.0	2.0	4.0	4.0	7.0	11.0	BC	2.0	2.0	1.0	1.0	1.0	1.0	2.0	2.0	3.0	3.0	4.0	5.0	5.0	7.0	4.0	2.0	23	11.0
24	2.0	2.0	2.0	2.0	2.0	8.0	11.0	8.0	4.0	1.0	2.0	5.0	4.0	2.0	2.0	2.0	3.0	4.0	6.0	12.0	7.0	9.0	6.0	4.0	24	12.0
25	3.0	3.0	6.0	5.0	8.0	11.0	13.0	7.0	9.0	5.0	4.0	7.0	4.0	3.0	4.0	5.0	4.0	2.0	2.0	2.0	5.0	17.0	14.0	5.0	24	17.0
26	2.0	1.0	1.0	2.0	3.0	8.0	11.0	9.0	4.0	4.0	2.0	2.0	2.0	1.0	1.0	1.0	2.0	3.0	5.0	8.0	7.0	5.0	6.0	4.0	24	11.0
27	4.0	8.0	7.0	9.0	12.0	15.0	13.0	7.0	1.0	1.0	6.0	4.0	2.0	2.0	1.0	2.0	2.0	4.0	6.0	9.0	12.0	21.0	10.0	12.0	24	21.0
28	8.0	4.0	2.0	2.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	3.0	2.0	2.0	7.0	6.0	2.0	4.0	3.0	2.0	2.0	1.0	1.0	24	8.0
29	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	5.0	1.0	1.0	1.0	1.0	.0	1.0	24	5.0
30	.0	1.0	1.0	.0	.0	1.0	2.0	3.0	3.0	3.0	6.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	3.0	2.0	24	6.0
31																									0	
NO.:	30	30	30	30	30	30	30	29	28	28	28	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	24.0	23.0	20.0	17.0	21.0	29.0	31.0	32.0	32.0	16.0	7.0	18.0	9.0	10.0	8.0	11.0	11.0	10.0	16.0	24.0	30.0	36.0	42.0	38.0		
AVG:	4.93	5.07	4.83	4.47	5.27	8.00	9.60	8.34	5.86	3.68	2.79	3.30	2.93	2.70	2.57	3.47	3.67	3.93	5.13	8.13	8.53	8.83	7.00	5.37		

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: 5.36 MONTHLY MAX: 42.0

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.

(42602) Nitrogen dioxide (NO2)

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: CSI 1600 ANALYZER/CHANGED TO API 200A 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: 10102-44-0
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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: (599) Instrumental Chemiluminescence Tel
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MAY 2014

DURATION: 1 HOUR
UNITS: Parts per billion
MIN DETECTABLE: .05

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.0	1.0	2.0	1.0	2.0	4.0	7.0	7.0	BF	BF	BF	BF	2.0	3.0	4.0	6.0	5.0	4.0	5.0	8.0	6.0	7.0	4.0	3.0	20	8.0
2	2.0	3.0	7.0	7.0	12.0	19.0	27.0	23.0	8.0	4.0	BA	BA	BA	2.0	2.0	3.0	4.0	4.0	10.0	12.0	10.0	15.0	8.0	6.0	21	27.0
3	4.0	5.0	6.0	5.0	7.0	15.0	9.0	4.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	4.0	4.0	5.0	4.0	3.0	2.0	24	15.0
4	2.0	2.0	3.0	2.0	3.0	7.0	8.0	8.0	2.0	1.0	2.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	5.0	7.0	7.0	10.0	8.0	7.0	24	10.0
5	8.0	9.0	6.0	5.0	3.0	3.0	4.0	4.0	2.0	2.0	AT	4.0	3.0	3.0	3.0	2.0	3.0	3.0	5.0	5.0	4.0	4.0	2.0	2.0	23	9.0
6	2.0	2.0	2.0	1.0	1.0	2.0	3.0	3.0	7.0	13.0	10.0	8.0	5.0	2.0	2.0	2.0	3.0	4.0	9.0	17.0	14.0	13.0	6.0	5.0	24	17.0
7	4.0	2.0	4.0	4.0	2.0	2.0	2.0	2.0	2.0	1.0	2.0	1.0	1.0	3.0	3.0	3.0	2.0	2.0	4.0	7.0	9.0	10.0	7.0	6.0	24	10.0
8	5.0	8.0	8.0	6.0	8.0	11.0	16.0	15.0	13.0	6.0	2.0	3.0	2.0	2.0	3.0	3.0	4.0	4.0	6.0	8.0	8.0	9.0	8.0	8.0	24	16.0
9	9.0	7.0	7.0	6.0	7.0	11.0	13.0	10.0	7.0	4.0	2.0	2.0	2.0	2.0	3.0	5.0	6.0	4.0	4.0	9.0	11.0	10.0	7.0	5.0	24	13.0
10	5.0	4.0	5.0	5.0	4.0	6.0	6.0	5.0	4.0	4.0	2.0	1.0	1.0	1.0	1.0	3.0	5.0	4.0	6.0	7.0	9.0	7.0	5.0	4.0	24	9.0
11	5.0	5.0	4.0	4.0	6.0	5.0	4.0	4.0	2.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	3.0	6.0	7.0	10.0	19.0	13.0	24	19.0
12	12.0	9.0	18.0	14.0	10.0	11.0	10.0	13.0	15.0	5.0	3.0	2.0	1.0	1.0	1.0	1.0	2.0	2.0	4.0	8.0	16.0	16.0	19.0	14.0	24	19.0
13	15.0	14.0	12.0	11.0	15.0	16.0	16.0	15.0	10.0	8.0	5.0	2.0	1.0	AT	1.0	2.0	2.0	3.0	4.0	8.0	13.0	12.0	12.0	9.0	23	16.0
14	7.0	6.0	6.0	7.0	7.0	9.0	9.0	6.0	4.0	AT	2.0	1.0	2.0	1.0	1.0	1.0	1.0	3.0	2.0	4.0	5.0	3.0	2.0	2.0	23	9.0
15	2.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	3.0	7.0	BF	BF	2.0	2.0	1.0	2.0	2.0	1.0	1.0	3.0	4.0	2.0	2.0	1.0	22	7.0
16	1.0	1.0	1.0	2.0	10.0	7.0	4.0	2.0	1.0	1.0	1.0	.0	.0	.0	1.0	1.0	4.0	3.0	3.0	4.0	8.0	2.0	2.0	1.0	24	10.0
17	3.0	3.0	3.0	2.0	4.0	5.0	4.0	2.0	1.0	.0	.0	.0	.0	.0	1.0	.0	1.0	2.0	3.0	8.0	6.0	2.0	1.0	1.0	24	8.0
18	2.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	5.0	9.0	11.0	9.0	6.0	24	11.0
19	8.0	9.0	7.0	6.0	5.0	4.0	3.0	3.0	2.0	1.0	1.0	1.0	2.0	3.0	3.0	2.0	2.0	3.0	3.0	6.0	6.0	7.0	4.0	6.0	24	9.0
20	6.0	7.0	7.0	5.0	8.0	13.0	21.0	10.0	9.0	8.0	3.0	2.0	1.0	1.0	2.0	2.0	2.0	3.0	3.0	5.0	6.0	8.0	11.0	8.0	24	21.0
21	7.0	4.0	5.0	5.0	7.0	10.0	9.0	13.0	9.0	5.0	2.0	1.0	1.0	2.0	2.0	3.0	3.0	4.0	5.0	7.0	9.0	9.0	6.0	5.0	24	13.0
22	3.0	2.0	3.0	2.0	5.0	8.0	9.0	6.0	4.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	4.0	6.0	9.0	7.0	8.0	9.0	24	9.0
23	9.0	8.0	10.0	8.0	13.0	20.0	18.0	14.0	4.0	2.0	5.0	4.0	3.0	1.0	1.0	1.0	1.0	2.0	3.0	8.0	8.0	9.0	6.0	1.0	24	20.0
24	1.0	1.0	2.0	4.0	5.0	7.0	9.0	4.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.0	7.0	6.0	9.0	12.0	9.0	24	12.0
25	7.0	4.0	3.0	4.0	4.0	6.0	8.0	3.0	2.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	6.0	7.0	9.0	5.0	6.0	24	9.0
26	4.0	3.0	6.0	3.0	3.0	4.0	4.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.0	2.0	2.0	3.0	4.0	6.0	6.0	24	6.0
27	4.0	4.0	3.0	3.0	4.0	6.0	9.0	10.0	9.0	4.0	1.0	1.0	.0	2.0	7.0	7.0	6.0	6.0	4.0	9.0	12.0	11.0	6.0	6.0	24	12.0
28	5.0	7.0	6.0	6.0	9.0	11.0	9.0	9.0	4.0	2.0	1.0	1.0	.0	.0	1.0	1.0	1.0	1.0	4.0	8.0	12.0	8.0	6.0	6.0	24	12.0
29	6.0	7.0	6.0	4.0	4.0	4.0	4.0	3.0	2.0	BF	BF	1.0	1.0	1.0	2.0	2.0	2.0	1.0	2.0	1.0	1.0	1.0	1.0	4.0	22	7.0
30	3.0	2.0	2.0	3.0	5.0	4.0	3.0	2.0	1.0	.0	1.0	1.0	.0	.0	.0	1.0	2.0	2.0	3.0	3.0	4.0	4.0	3.0	2.0	24	5.0
31	2.0	2.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	1.0	2.0	3.0	4.0	9.0	7.0	4.0	24	9.0
NO.:	31	31	31	31	31	31	31	31	30	28	26	28	30	30	31	31	31	31	31	31	31	31	31	31		
MAX:	15.0	14.0	18.0	14.0	15.0	20.0	27.0	23.0	15.0	13.0	10.0	8.0	5.0	3.0	7.0	7.0	6.0	6.0	10.0	17.0	16.0	16.0	19.0	14.0		
AVG:	4.97	4.61	5.06	4.42	5.68	7.55	8.10	6.55	4.43	2.96	1.88	1.39	1.13	1.20	1.58	1.94	2.29	2.58	3.87	6.48	7.68	7.81	6.61	5.39		

MONTHLY OBSERVATIONS: 730 MONTHLY MEAN: 4.47 MONTHLY MAX: 27.0

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

(42602) Nitrogen dioxide (NO2)

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: CSI 1600 ANALYZER/CHANGED TO API 200A 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: 10102-44-0
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: (599) Instrumental Chemiluminescence Tel
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JUNE 2014

DURATION: 1 HOUR
UNITS: Parts per billion
MIN DETECTABLE: .05

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	4.0	4.0	2.0	2.0	1.0	2.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	1.0	2.0	4.0	7.0	10.0	7.0	8.0	24	10.0
2	6.0	4.0	3.0	3.0	5.0	10.0	8.0	4.0	2.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	2.0	5.0	8.0	6.0	5.0	5.0	24	10.0
3	4.0	5.0	6.0	6.0	7.0	9.0	13.0	12.0	11.0	9.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	5.0	8.0	12.0	8.0	11.0	24	13.0
4	9.0	6.0	3.0	4.0	4.0	7.0	11.0	6.0	2.0	1.0	BC	BC	BC	.0	.0	.0	.0	.0	1.0	3.0	3.0	2.0	2.0	3.0	21	11.0
5	1.0	1.0	1.0	2.0	3.0	4.0	8.0	4.0	3.0	BC	BC	BC	BC	BC	.0	1.0	1.0	3.0	3.0	4.0	3.0	2.0	2.0	1.0	19	8.0
6	1.0	.0	1.0	4.0	11.0	19.0	17.0	4.0	1.0	4.0	5.0	3.0	2.0	1.0	.0	.0	.0	1.0	1.0	6.0	9.0	9.0	7.0	7.0	24	19.0
7	7.0	5.0	4.0	4.0	6.0	5.0	4.0	2.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	4.0	6.0	7.0	5.0	3.0	24	7.0
8	4.0	4.0	2.0	4.0	5.0	3.0	1.0	.0	.0	.0	.0	.0	.0	1.0	2.0	2.0	.0	.0	.0	1.0	1.0	3.0	3.0	3.0	24	5.0
9	1.0	1.0	1.0	.0	.0	3.0	6.0	5.0	.0	.0	2.0	2.0	1.0	.0	.0	.0	1.0	1.0	2.0	1.0	3.0	5.0	4.0	8.0	24	8.0
10	5.0	3.0	2.0	3.0	6.0	8.0	10.0	7.0	7.0	10.0	5.0	.0	.0	.0	1.0	1.0	1.0	1.0	2.0	4.0	4.0	7.0	2.0	3.0	24	10.0
11	6.0	5.0	7.0	5.0	5.0	9.0	9.0	11.0	10.0	6.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	3.0	2.0	4.0	7.0	6.0	4.0	24	11.0
12	2.0	1.0	2.0	1.0	1.0	3.0	3.0	4.0	6.0	4.0	2.0	.0	.0	.0	.0	.0	1.0	1.0	3.0	5.0	5.0	6.0	9.0	11.0	24	11.0
13	9.0	8.0	5.0	7.0	9.0	14.0	9.0	6.0	5.0	1.0	.0	.0	.0	.0	.0	.0	1.0	1.0	4.0	5.0	7.0	11.0	7.0	7.0	24	14.0
14	4.0	3.0	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.0	5.0	9.0	5.0	5.0	24	9.0
15	5.0	3.0	2.0	1.0	.0	.0	1.0	2.0	1.0	4.0	3.0	3.0	2.0	2.0	1.0	1.0	.0	1.0	1.0	4.0	8.0	6.0	4.0	5.0	24	8.0
16	6.0	3.0	1.0	1.0	2.0	6.0	9.0	9.0	7.0	3.0	.0	.0	.0	.0	.0	.0	2.0	2.0	3.0	4.0	7.0	7.0	8.0	8.0	24	9.0
17	5.0	3.0	4.0	6.0	6.0	12.0	10.0	9.0	3.0	2.0	1.0	1.0	1.0	1.0	.0	.0	2.0	5.0	5.0	3.0	8.0	9.0	7.0	6.0	24	12.0
18	5.0	5.0	7.0	6.0	9.0	10.0	12.0	6.0	4.0	2.0	1.0	.0	.0	.0	AZ	AZ	AZ	AZ	AZ	3.0	4.0	4.0	5.0	7.0	19	12.0
19	4.0	4.0	4.0	4.0	8.0	9.0	13.0	11.0	6.0	4.0	BF	BF	BF	.0	2.0	4.0	8.0	8.0	2.0	6.0	8.0	9.0	7.0	6.0	21	13.0
20	6.0	7.0	10.0	9.0	8.0	7.0	2.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	3.0	1.0	10.0	8.0	7.0	24	10.0
21	11.0	7.0	8.0	7.0	7.0	7.0	5.0	4.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	5.0	7.0	9.0	5.0	24	11.0
22	2.0	.0	.0	.0	2.0	.0	4.0	.0	4.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	24	4.0
23	.0	.0	.0	.0	1.0	2.0	1.0	2.0	2.0	2.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	2.0	3.0	4.0	3.0	3.0	24	4.0
24	2.0	1.0	1.0	1.0	2.0	4.0	5.0	4.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	4.0	4.0	24	5.0
25	3.0	1.0	1.0	1.0	2.0	4.0	4.0	4.0	3.0	2.0	1.0	.0	.0	.0	.0	3.0	3.0	3.0	3.0	7.0	9.0	15.0	10.0	6.0	24	15.0
26	4.0	4.0	4.0	5.0	4.0	9.0	7.0	8.0	3.0	2.0	2.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.0	.0	4.0	4.0	2.0	24	9.0
27	1.0	2.0	1.0	2.0	1.0	2.0	3.0	2.0	9.0	15.0	7.0	8.0	3.0	.0	.0	.0	2.0	6.0	6.0	3.0	5.0	8.0	8.0	3.0	24	15.0
28	2.0	2.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.0	3.0	7.0	6.0	2.0	24	7.0
29	1.0	.0	1.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	1.0	2.0	4.0	8.0	7.0	7.0	9.0	24	9.0
30	8.0	7.0	5.0	4.0	6.0	7.0	5.0	5.0	9.0	5.0	.0	.0	.0	.0	.0	.0	2.0	2.0	2.0	1.0	2.0	6.0	6.0	5.0	24	9.0
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	29	27	27	27	29	29	29	29	29	29	30	30	30	30	30		
MAX:	11.0	8.0	10.0	9.0	11.0	19.0	17.0	12.0	11.0	15.0	7.0	8.0	3.0	2.0	2.0	4.0	8.0	8.0	6.0	7.0	9.0	15.0	10.0	11.0		
AVG:	4.27	3.30	3.03	3.13	4.07	5.87	6.03	4.40	3.43	2.76	1.33	.78	.41	.31	.34	.55	.97	1.48	1.83	3.47	4.83	6.80	5.60	5.23		

MONTHLY OBSERVATIONS: 704 MONTHLY MEAN: 3.14 MONTHLY MAX: 19.0

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

(42602) Nitrogen dioxide (NO2)

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: CSI 1600 ANALYZER/CHANGED TO API 200A 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: 10102-44-0
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: (599) Instrumental Chemiluminescence Tel
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JULY 2014

DURATION: 1 HOUR
UNITS: Parts per billion
MIN DETECTABLE: .05

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	4.0	4.0	5.0	3.0	3.0	5.0	6.0	4.0	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	3.0	7.0	6.0	4.0	3.0	24	7.0
2	2.0	2.0	3.0	3.0	6.0	7.0	8.0	5.0	4.0	2.0	1.0	.0	.0	.0	1.0	1.0	2.0	2.0	2.0	4.0	6.0	8.0	4.0	2.0	24	8.0
3	1.0	1.0	1.0	2.0	3.0	7.0	9.0	5.0	1.0	BF	BF	.0	.0	.0	.0	.0	.0	1.0	2.0	5.0	6.0	9.0	4.0	4.0	22	9.0
4	3.0	3.0	5.0	2.0	2.0	3.0	3.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	4.0	4.0	3.0	2.0	24	5.0
5	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	7.0	10.0	11.0	8.0	24	11.0
6	8.0	12.0	6.0	5.0	4.0	6.0	4.0	3.0	2.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.0	6.0	9.0	5.0	4.0	24	12.0
7	2.0	2.0	3.0	3.0	5.0	6.0	5.0	5.0	3.0	1.0	1.0	.0	.0	.0	.0	.0	1.0	.0	1.0	2.0	3.0	3.0	2.0	2.0	24	6.0
8	2.0	3.0	5.0	6.0	7.0	7.0	8.0	4.0	4.0	2.0	1.0	1.0	.0	.0	1.0	.0	1.0	1.0	2.0	2.0	4.0	12.0	6.0	5.0	24	12.0
9	4.0	5.0	4.0	3.0	4.0	6.0	10.0	7.0	5.0	4.0	6.0	3.0	3.0	3.0	2.0	1.0	1.0	2.0	1.0	3.0	5.0	9.0	8.0	7.0	24	10.0
10	5.0	4.0	3.0	1.0	2.0	7.0	8.0	9.0	5.0	4.0	5.0	5.0	1.0	.0	1.0	2.0	2.0	1.0	4.0	5.0	7.0	8.0	6.0	5.0	24	9.0
11	3.0	3.0	5.0	6.0	5.0	5.0	5.0	6.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	4.0	14.0	12.0	11.0	12.0	24	14.0
12	9.0	6.0	6.0	7.0	7.0	4.0	5.0	5.0	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.0	5.0	10.0	7.0	24	10.0
13	5.0	3.0	3.0	3.0	2.0	4.0	4.0	3.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	2.0	6.0	6.0	6.0	7.0	24	7.0
14	7.0	5.0	3.0	3.0	3.0	4.0	5.0	5.0	5.0	5.0	2.0	.0	.0	.0	.0	1.0	.0	1.0	2.0	4.0	6.0	9.0	8.0	4.0	24	9.0
15	6.0	5.0	4.0	4.0	6.0	8.0	9.0	8.0	7.0	3.0	2.0	1.0	1.0	1.0	4.0	8.0	10.0	7.0	4.0	7.0	4.0	6.0	6.0	4.0	24	10.0
16	1.0	1.0	2.0	4.0	7.0	16.0	13.0	4.0	10.0	4.0	2.0	3.0	6.0	4.0	2.0	1.0	1.0	1.0	3.0	6.0	7.0	6.0	3.0	2.0	24	16.0
17	1.0	2.0	2.0	3.0	24.0	13.0	7.0	4.0	BF	BF	4.0	4.0	2.0	4.0	3.0	2.0	1.0	1.0	4.0	7.0	8.0	10.0	7.0	6.0	22	24.0
18	5.0	4.0	4.0	3.0	4.0	3.0	4.0	14.0	5.0	2.0	3.0	1.0	1.0	.0	2.0	2.0	6.0	5.0	5.0	3.0	4.0	6.0	3.0	2.0	24	14.0
19	2.0	2.0	3.0	1.0	.0	1.0	3.0	6.0	4.0	1.0	.0	.0	.0	.0	1.0	1.0	2.0	2.0	5.0	7.0	4.0	4.0	3.0	1.0	24	7.0
20	1.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	24	1.0
21	.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	6.0	8.0	.0	.0	.0	.0	.0	.0	.0	2.0	5.0	3.0	7.0	6.0	4.0	24	8.0
22	3.0	2.0	1.0	1.0	1.0	2.0	3.0	1.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	1.0	.0	2.0	6.0	9.0	11.0	10.0	24	11.0
23	10.0	9.0	9.0	7.0	8.0	5.0	9.0	10.0	6.0	1.0	.0	.0	.0	.0	.0	.0	2.0	3.0	2.0	2.0	3.0	6.0	3.0	3.0	24	10.0
24	3.0	3.0	3.0	4.0	6.0	7.0	9.0	6.0	2.0	9.0	8.0	6.0	2.0	1.0	1.0	.0	1.0	1.0	1.0	2.0	4.0	2.0	1.0	1.0	24	9.0
25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	1.0	4.0	5.0	4.0	1.0	.0	1.0	5.0	5.0	7.0	6.0	3.0	24	7.0
26	2.0	2.0	2.0	4.0	2.0	2.0	3.0	3.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	4.0	5.0	5.0	4.0	4.0	24	5.0
27	5.0	4.0	4.0	4.0	4.0	5.0	6.0	6.0	4.0	6.0	3.0	4.0	1.0	.0	.0	.0	1.0	1.0	1.0	2.0	1.0	4.0	1.0	1.0	24	6.0
28	1.0	1.0	1.0	2.0	3.0	12.0	9.0	3.0	3.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	2.0	5.0	5.0	9.0	3.0	2.0	24	12.0
29	3.0	5.0	3.0	7.0	8.0	12.0	6.0	2.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	.0	2.0	1.0	4.0	16.0	20.0	3.0	.0	24	20.0
30	.0	.0	.0	.0	.0	1.0	.0	4.0	5.0	3.0	2.0	4.0	1.0	.0	1.0	2.0	2.0	2.0	3.0	7.0	11.0	10.0	5.0	4.0	24	11.0
31	4.0	3.0	3.0	4.0	3.0	4.0	4.0	6.0	3.0	BF	BF	1.0	1.0	4.0	3.0	3.0	4.0	4.0	3.0	5.0	6.0	5.0	2.0	3.0	22	6.0
NO.:	31	31	31	31	31	31	31	31	30	28	29	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	10.0	12.0	9.0	7.0	24.0	16.0	13.0	14.0	10.0	9.0	8.0	6.0	6.0	4.0	5.0	8.0	10.0	7.0	5.0	7.0	16.0	20.0	11.0	12.0		
AVG:	3.35	3.13	3.03	3.10	4.19	5.32	5.42	4.55	2.90	2.07	1.66	1.06	.68	.74	.94	.97	1.26	1.42	1.90	3.84	5.81	7.32	5.03	3.94		

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: 3.08 MONTHLY MAX: 24.0

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

(42602) Nitrogen dioxide (NO2)

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: CSI 1600 ANALYZER/CHANGED TO API 200A 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: 10102-44-0
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: (599) Instrumental Chemiluminescence Tel
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: AUGUST 2014

DURATION: 1 HOUR
UNITS: Parts per billion
MIN DETECTABLE: .05

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	1.0	1.0	.0	.0	2.0	.0	5.0	.0	.0	3.0	3.0	.0	1.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	24	5.0
2	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	2.0	.0	1.0	.0	1.0	1.0	3.0	2.0	5.0	24	5.0
3	8.0	3.0	2.0	2.0	2.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	4.0	3.0	3.0	2.0	2.0	24	8.0
4	2.0	1.0	.0	1.0	2.0	6.0	6.0	5.0	.0	.0	4.0	5.0	.0	.0	.0	.0	1.0	3.0	3.0	10.0	11.0	11.0	9.0	8.0	24	11.0
5	5.0	6.0	4.0	3.0	2.0	3.0	2.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	1.0	3.0	2.0	2.0	6.0	10.0	5.0	8.0	3.0	24	10.0
6	2.0	3.0	4.0	7.0	7.0	8.0	14.0	9.0	5.0	3.0	.0	.0	.0	.0	.0	2.0	2.0	3.0	3.0	4.0	3.0	6.0	4.0	5.0	24	14.0
7	4.0	10.0	7.0	4.0	4.0	5.0	5.0	4.0	8.0	1.0	.0	.0	.0	.0	.0	1.0	2.0	1.0	3.0	3.0	AN	AN	AN	AN	20	10.0
8	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
9	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
10	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
11	AN	AN	AN	AN	AN	AN	AN	AN	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	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
13	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	
14	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	
15	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	
16	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	
17	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
18	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
19	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
20	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
21	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BC	BC	BC	BC	2.0	3.0	4.0	5.0	13.0	14.0	8.0	6.0	6.0	9	14.0
22	7.0	8.0	7.0	10.0	15.0	18.0	12.0	13.0	12.0	9.0	3.0	2.0	2.0	2.0	3.0	3.0	3.0	5.0	7.0	14.0	16.0	9.0	9.0	7.0	24	18.0
23	5.0	6.0	6.0	5.0	7.0	8.0	6.0	7.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	3.0	2.0	3.0	3.0	3.0	5.0	3.0	3.0	24	8.0
24	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	3.0	4.0	3.0	3.0	2.0	3.0	3.0	3.0	24	4.0
25	2.0	2.0	2.0	3.0	3.0	4.0	5.0	3.0	5.0	4.0	2.0	2.0	3.0	4.0	3.0	2.0	2.0	2.0	4.0	7.0	5.0	6.0	4.0	5.0	24	7.0
26	3.0	4.0	4.0	2.0	3.0	3.0	3.0	4.0	3.0	BC	BC	BC	BC	5.0	4.0	4.0	3.0	3.0	3.0	7.0	7.0	5.0	6.0	4.0	20	7.0
27	8.0	10.0	9.0	9.0	9.0	14.0	10.0	5.0	5.0	2.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	4.0	9.0	5.0	28.0	30.0	23.0	24	30.0
28	12.0	5.0	5.0	5.0	6.0	12.0	15.0	14.0	8.0	5.0	4.0	3.0	3.0	4.0	3.0	2.0	2.0	2.0	5.0	9.0	8.0	10.0	8.0	7.0	24	15.0
29	3.0	3.0	4.0	5.0	4.0	3.0	4.0	4.0	4.0	3.0	3.0	2.0	3.0	2.0	3.0	3.0	3.0	4.0	4.0	5.0	5.0	7.0	5.0	4.0	24	7.0
30	4.0	4.0	3.0	4.0	3.0	5.0	6.0	4.0	3.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	3.0	6.0	9.0	8.0	7.0	8.0	4.0	3.0	24	9.0
31	3.0	5.0	4.0	3.0	3.0	3.0	4.0	4.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	2.0	2.0	2.0	4.0	7.0	5.0	7.0	4.0	4.0	24	7.0
NO.:	17	17	17	17	17	17	17	17	17	16	16	16	16	17	17	18	18	18	18	18	17	17	17	17		
MAX:	12.0	10.0	9.0	10.0	15.0	18.0	15.0	14.0	12.0	9.0	4.0	5.0	3.0	5.0	4.0	4.0	3.0	6.0	9.0	14.0	16.0	28.0	30.0	23.0		
AVG:	4.29	4.29	3.76	3.82	4.24	5.65	5.59	5.06	3.47	2.19	1.69	1.69	1.25	1.53	1.41	1.67	2.11	2.61	3.61	6.28	6.18	7.29	6.29	5.41		

MONTHLY OBSERVATIONS: 409 MONTHLY MEAN: 3.82 MONTHLY MAX: 30.0

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

(42602) Nitrogen dioxide (NO2)

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: CSI 1600 ANALYZER/CHANGED TO API 200A 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: 10102-44-0
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: (599) Instrumental Chemiluminescence Tel
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: SEPTEMBER 2014

DURATION: 1 HOUR
UNITS: Parts per billion
MIN DETECTABLE: .05

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	4.0	4.0	4.0	5.0	4.0	6.0	7.0	6.0	5.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	2.0	4.0	12.0	18.0	20.0	10.0	7.0	24	20.0
2	7.0	7.0	7.0	5.0	7.0	9.0	12.0	11.0	7.0	5.0	5.0	2.0	2.0	2.0	2.0	3.0	4.0	4.0	5.0	5.0	4.0	6.0	4.0	4.0	24	12.0
3	5.0	3.0	3.0	5.0	12.0	23.0	12.0	9.0	4.0	5.0	2.0	2.0	3.0	4.0	4.0	4.0	3.0	3.0	4.0	5.0	4.0	5.0	5.0	6.0	24	23.0
4	6.0	8.0	7.0	8.0	11.0	12.0	16.0	13.0	BF	BF	BF	4.0	4.0	3.0	4.0	5.0	7.0	6.0	6.0	6.0	9.0	12.0	11.0	10.0	21	16.0
5	9.0	9.0	8.0	8.0	9.0	12.0	9.0	14.0	10.0	5.0	4.0	3.0	3.0	3.0	3.0	4.0	4.0	6.0	19.0	19.0	19.0	11.0	9.0	10.0	24	19.0
6	8.0	8.0	9.0	9.0	10.0	11.0	10.0	6.0	4.0	4.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	4.0	6.0	5.0	4.0	6.0	8.0	8.0	24	11.0
7	6.0	7.0	7.0	6.0	5.0	5.0	4.0	2.0	4.0	4.0	1.0	1.0	2.0	2.0	2.0	2.0	1.0	1.0	2.0	3.0	3.0	3.0	2.0	2.0	24	7.0
8	2.0	2.0	2.0	3.0	4.0	6.0	9.0	10.0	7.0	5.0	2.0	2.0	4.0	4.0	5.0	3.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0	24	10.0
9	2.0	1.0	1.0	1.0	1.0	2.0	2.0	3.0	2.0	2.0	6.0	2.0	3.0	2.0	2.0	7.0	5.0	5.0	8.0	8.0	5.0	6.0	5.0	7.0	24	8.0
10	12.0	7.0	6.0	3.0	4.0	4.0	6.0	7.0	7.0	4.0	5.0	4.0	4.0	4.0	3.0	3.0	4.0	6.0	7.0	12.0	16.0	13.0	12.0	8.0	24	16.0
11	7.0	6.0	4.0	4.0	5.0	10.0	13.0	9.0	7.0	AZ	AZ	AZ	AZ	AZ	4.0	3.0	3.0	4.0	5.0	5.0	5.0	4.0	4.0	6.0	19	13.0
12	9.0	8.0	5.0	6.0	7.0	9.0	11.0	6.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.0	4.0	3.0	4.0	4.0	4.0	24	11.0
13	4.0	4.0	4.0	4.0	3.0	3.0	4.0	4.0	3.0	2.0	2.0	2.0	2.0	2.0	1.0	2.0	2.0	3.0	2.0	2.0	2.0	3.0	3.0	3.0	24	4.0
14	2.0	2.0	2.0	4.0	3.0	2.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	5.0	4.0	4.0	5.0	4.0	3.0	24	5.0
15	3.0	3.0	4.0	4.0	5.0	6.0	8.0	9.0	8.0	6.0	7.0	7.0	6.0	6.0	6.0	5.0	6.0	5.0	6.0	7.0	10.0	10.0	7.0	5.0	24	10.0
16	4.0	5.0	5.0	5.0	5.0	4.0	4.0	6.0	4.0	3.0	2.0	2.0	2.0	2.0	3.0	2.0	4.0	10.0	8.0	6.0	5.0	6.0	5.0	5.0	24	10.0
17	3.0	2.0	2.0	3.0	3.0	4.0	8.0	8.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	5.0	8.0	10.0	8.0	7.0	6.0	6.0	6.0	24	10.0
18	5.0	4.0	3.0	3.0	3.0	5.0	8.0	8.0	BF	BF	BF	5.0	4.0	4.0	5.0	5.0	8.0	13.0	14.0	13.0	10.0	8.0	9.0	11.0	21	14.0
19	5.0	4.0	3.0	4.0	5.0	7.0	7.0	7.0	7.0	6.0	5.0	5.0	3.0	3.0	6.0	5.0	3.0	4.0	4.0	5.0	6.0	5.0	4.0	4.0	24	7.0
20	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	3.0	6.0	8.0	3.0	2.0	2.0	9.0	15.0	21.0	13.0	18.0	12.0	8.0	7.0	24	21.0
21	4.0	4.0	5.0	5.0	11.0	4.0	5.0	4.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	2.0	4.0	5.0	5.0	5.0	8.0	7.0	4.0	24	11.0
22	4.0	5.0	4.0	5.0	7.0	14.0	21.0	12.0	6.0	2.0	2.0	2.0	2.0	1.0	2.0	2.0	3.0	5.0	7.0	8.0	4.0	5.0	5.0	5.0	24	21.0
23	3.0	2.0	3.0	3.0	2.0	2.0	4.0	5.0	5.0	3.0	3.0	4.0	3.0	3.0	4.0	5.0	5.0	6.0	4.0	4.0	4.0	4.0	5.0	5.0	24	6.0
24	4.0	3.0	4.0	4.0	3.0	4.0	4.0	4.0	3.0	3.0	8.0	7.0	4.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	3.0	2.0	2.0	24	8.0
25	2.0	2.0	2.0	3.0	2.0	3.0	4.0	4.0	4.0	8.0	6.0	8.0	12.0	13.0	11.0	15.0	13.0	15.0	5.0	4.0	3.0	3.0	2.0	2.0	24	15.0
26	2.0	1.0	1.0	1.0	1.0	2.0	2.0	3.0	2.0	2.0	3.0	2.0	3.0	2.0	2.0	2.0	3.0	4.0	5.0	15.0	8.0	7.0	6.0	3.0	24	15.0
27	3.0	4.0	4.0	2.0	3.0	2.0	3.0	3.0	4.0	4.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	7.0	6.0	6.0	8.0	6.0	6.0	24	8.0
28	8.0	6.0	4.0	3.0	3.0	4.0	5.0	4.0	5.0	4.0	2.0	3.0	2.0	2.0	2.0	3.0	3.0	4.0	8.0	8.0	8.0	21.0	14.0	11.0	24	21.0
29	23.0	17.0	10.0	8.0	9.0	12.0	14.0	13.0	14.0	14.0	9.0	6.0	5.0	10.0	8.0	5.0	6.0	8.0	10.0	13.0	11.0	15.0	13.0	9.0	24	23.0
30	8.0	8.0	8.0	7.0	3.0	4.0	4.0	5.0	4.0	5.0	6.0	3.0	2.0	1.0	3.0	6.0	4.0	6.0	11.0	14.0	15.0	12.0	16.0	9.0	24	16.0
31																									0	
NO.:	30	30	30	30	30	30	30	30	28	27	27	29	29	29	30	30	30	30	30	30	30	30	30	30		
MAX:	23.0	17.0	10.0	9.0	12.0	23.0	21.0	14.0	14.0	14.0	9.0	8.0	12.0	13.0	11.0	15.0	13.0	15.0	21.0	19.0	19.0	21.0	16.0	11.0		
AVG:	5.57	4.97	4.47	4.47	5.10	6.47	7.40	6.67	5.00	4.11	3.74	3.41	3.41	3.21	3.33	3.63	4.03	5.50	6.87	7.50	7.37	7.80	6.63	5.83		

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: 5.29 MONTHLY MAX: 23.0

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

(42602) Nitrogen dioxide (NO2)

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: CSI 1600 ANALYZER/CHANGED TO API 200A 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: 10102-44-0
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: (599) Instrumental Chemiluminescence Tel
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: OCTOBER 2014

DURATION: 1 HOUR
UNITS: Parts per billion
MIN DETECTABLE: .05

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	13.0	12.0	14.0	13.0	13.0	7.0	5.0	5.0	4.0	4.0	4.0	4.0	4.0	5.0	5.0	5.0	7.0	10.0	17.0	14.0	10.0	9.0	7.0	8.0	24	17.0
2	7.0	16.0	10.0	6.0	6.0	8.0	9.0	10.0	6.0	BF	BF	4.0	3.0	3.0	5.0	5.0	4.0	6.0	22.0	23.0	19.0	23.0	15.0	11.0	22	23.0
3	8.0	8.0	7.0	8.0	12.0	17.0	20.0	17.0	7.0	4.0	3.0	4.0	4.0	8.0	10.0	12.0	14.0	10.0	8.0	7.0	6.0	4.0	4.0	4.0	24	20.0
4	5.0	4.0	3.0	3.0	4.0	5.0	5.0	4.0	2.0	2.0	2.0	2.0	2.0	1.0	2.0	2.0	2.0	3.0	6.0	6.0	6.0	8.0	10.0	13.0	24	13.0
5	11.0	7.0	5.0	4.0	6.0	8.0	7.0	7.0	5.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	6.0	10.0	10.0	7.0	10.0	8.0	24	11.0
6	9.0	8.0	7.0	9.0	8.0	15.0	18.0	19.0	12.0	6.0	4.0	4.0	3.0	4.0	4.0	4.0	4.0	7.0	8.0	8.0	6.0	6.0	5.0	4.0	24	19.0
7	4.0	4.0	4.0	6.0	9.0	10.0	13.0	15.0	12.0	9.0	8.0	7.0	4.0	3.0	5.0	6.0	8.0	8.0	6.0	6.0	5.0	5.0	5.0	5.0	24	15.0
8	4.0	4.0	4.0	4.0	6.0	10.0	29.0	24.0	15.0	15.0	6.0	4.0	3.0	3.0	3.0	3.0	4.0	5.0	7.0	11.0	12.0	27.0	16.0	16.0	24	29.0
9	11.0	7.0	7.0	6.0	4.0	5.0	8.0	12.0	10.0	8.0	5.0	7.0	5.0	3.0	3.0	4.0	5.0	9.0	14.0	20.0	32.0	35.0	27.0	17.0	24	35.0
10	17.0	15.0	16.0	13.0	19.0	22.0	20.0	14.0	9.0	6.0	5.0	4.0	3.0	3.0	3.0	4.0	6.0	6.0	8.0	19.0	21.0	14.0	10.0	9.0	24	22.0
11	6.0	6.0	6.0	6.0	7.0	7.0	6.0	6.0	6.0	5.0	5.0	4.0	3.0	2.0	2.0	3.0	6.0	5.0	14.0	3.0	3.0	3.0	3.0	2.0	24	14.0
12	2.0	2.0	2.0	1.0	1.0	1.0	2.0	2.0	2.0	3.0	2.0	2.0	3.0	3.0	3.0	3.0	4.0	4.0	5.0	4.0	4.0	3.0	3.0	2.0	24	5.0
13	3.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	4.0	3.0	3.0	3.0	4.0	5.0	7.0	5.0	4.0	5.0	5.0	4.0	4.0	3.0	3.0	4.0	24	7.0
14	2.0	1.0	1.0	1.0	1.0	2.0	3.0	3.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	24	3.0
15	1.0	2.0	3.0	3.0	3.0	4.0	6.0	10.0	10.0	5.0	4.0	3.0	2.0	3.0	3.0	3.0	4.0	7.0	9.0	8.0	6.0	6.0	8.0	7.0	24	10.0
16	5.0	6.0	7.0	7.0	12.0	14.0	15.0	16.0	13.0	BF	BF	3.0	3.0	3.0	4.0	4.0	5.0	6.0	9.0	8.0	10.0	12.0	7.0	6.0	22	16.0
17	6.0	8.0	8.0	10.0	7.0	8.0	16.0	16.0	17.0	10.0	5.0	3.0	3.0	4.0	4.0	4.0	6.0	7.0	10.0	8.0	10.0	18.0	21.0	18.0	24	21.0
18	13.0	10.0	8.0	11.0	13.0	13.0	13.0	10.0	5.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	5.0	4.0	3.0	4.0	5.0	5.0	4.0	24	13.0
19	2.0	3.0	4.0	3.0	4.0	7.0	5.0	6.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	6.0	12.0	19.0	14.0	9.0	10.0	9.0	24	19.0
20	8.0	8.0	8.0	10.0	10.0	13.0	11.0	17.0	11.0	6.0	5.0	4.0	4.0	4.0	4.0	4.0	5.0	7.0	12.0	11.0	10.0	6.0	6.0	6.0	24	17.0
21	7.0	7.0	8.0	8.0	11.0	15.0	17.0	17.0	12.0	4.0	2.0	2.0	3.0	3.0	4.0	4.0	4.0	4.0	5.0	5.0	4.0	5.0	5.0	5.0	24	17.0
22	5.0	6.0	4.0	7.0	11.0	13.0	8.0	7.0	4.0	3.0	2.0	3.0	3.0	3.0	4.0	4.0	4.0	5.0	6.0	5.0	5.0	5.0	5.0	4.0	24	13.0
23	5.0	4.0	4.0	4.0	5.0	6.0	7.0	7.0	5.0	3.0	3.0	3.0	2.0	3.0	3.0	3.0	5.0	7.0	6.0	6.0	6.0	6.0	9.0	10.0	24	10.0
24	9.0	10.0	11.0	7.0	10.0	17.0	18.0	19.0	13.0	9.0	6.0	4.0	4.0	3.0	3.0	3.0	7.0	15.0	28.0	23.0	23.0	25.0	17.0	15.0	24	28.0
25	10.0	8.0	6.0	9.0	10.0	16.0	14.0	16.0	11.0	7.0	3.0	2.0	3.0	2.0	2.0	3.0	4.0	8.0	15.0	16.0	12.0	10.0	8.0	11.0	24	16.0
26	5.0	4.0	3.0	3.0	3.0	4.0	4.0	7.0	4.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	11.0	15.0	25.0	19.0	18.0	27.0	29.0	24	29.0
27	25.0	25.0	20.0	20.0	23.0	20.0	15.0	16.0	21.0	28.0	22.0	8.0	4.0	4.0	4.0	5.0	7.0	17.0	37.0	44.0	41.0	40.0	33.0	17.0	24	44.0
28	11.0	16.0	19.0	14.0	14.0	23.0	24.0	23.0	23.0	14.0	13.0	10.0	6.0	4.0	4.0	5.0	6.0	9.0	13.0	10.0	10.0	8.0	6.0	5.0	24	24.0
29	7.0	10.0	7.0	7.0	7.0	8.0	18.0	26.0	12.0	10.0	6.0	6.0	6.0	6.0	7.0	7.0	8.0	7.0	5.0	4.0	4.0	10.0	7.0	6.0	24	26.0
30	6.0	8.0	5.0	4.0	6.0	8.0	16.0	21.0	6.0	BF	BF	2.0	2.0	2.0	3.0	2.0	3.0	8.0	14.0	15.0	9.0	7.0	5.0	4.0	22	21.0
31	4.0	4.0	3.0	3.0	5.0	5.0	5.0	6.0	5.0	4.0	5.0	7.0	5.0	5.0	7.0	10.0	12.0	15.0	19.0	10.0	6.0	6.0	5.0	4.0	24	19.0
NO.:	31	31	31	31	31	31	31	31	31	28	28	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	25.0	25.0	20.0	20.0	23.0	23.0	29.0	26.0	23.0	28.0	22.0	10.0	6.0	8.0	10.0	12.0	14.0	17.0	37.0	44.0	41.0	40.0	33.0	29.0		
AVG:	7.45	7.58	6.97	6.84	8.13	10.10	11.61	12.29	8.71	6.43	4.75	3.81	3.23	3.26	3.77	4.10	5.16	7.35	11.19	11.52	10.71	11.10	9.77	8.52		

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: 7.70 MONTHLY MAX: 44.0

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.

(42602) Nitrogen dioxide (NO2)

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: CSI 1600 ANALYZER/CHANGED TO API 200A 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: 10102-44-0
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: (599) Instrumental Chemiluminescence Tel
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: NOVEMBER 2014

DURATION: 1 HOUR
UNITS: Parts per billion
MIN DETECTABLE: .05

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	4.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	3.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	4.0	5.0	4.0	4.0	4.0	3.0	2.0	2.0	24	5.0
2	2.0	1.0	1.0	1.0	3.0	4.0	4.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	5.0	9.0	12.0	12.0	5.0	6.0	7.0	24	12.0
3	7.0	9.0	5.0	7.0	9.0	11.0	17.0	20.0	11.0	6.0	5.0	5.0	6.0	6.0	5.0	11.0	17.0	19.0	19.0	18.0	17.0	17.0	15.0	14.0	24	20.0
4	14.0	13.0	14.0	12.0	11.0	12.0	25.0	26.0	25.0	16.0	13.0	9.0	BA	12.0	9.0	8.0	13.0	23.0	32.0	23.0	16.0	10.0	9.0	8.0	23	32.0
5	9.0	9.0	8.0	8.0	8.0	10.0	20.0	32.0	31.0	18.0	12.0	9.0	8.0	8.0	10.0	9.0	12.0	20.0	19.0	33.0	46.0	15.0	13.0	10.0	24	46.0
6	8.0	7.0	7.0	5.0	4.0	5.0	6.0	13.0	10.0	7.0	7.0	8.0	10.0	7.0	5.0	6.0	9.0	16.0	4.0	3.0	2.0	3.0	4.0	4.0	24	16.0
7	4.0	3.0	7.0	5.0	4.0	4.0	6.0	11.0	5.0	2.0	2.0	2.0	3.0	3.0	3.0	4.0	5.0	10.0	16.0	6.0	6.0	4.0	4.0	5.0	24	16.0
8	7.0	7.0	7.0	9.0	5.0	5.0	6.0	8.0	6.0	5.0	4.0	4.0	3.0	3.0	4.0	3.0	6.0	10.0	15.0	25.0	24.0	10.0	9.0	11.0	24	25.0
9	12.0	13.0	16.0	17.0	18.0	17.0	15.0	14.0	12.0	8.0	4.0	3.0	3.0	4.0	4.0	4.0	5.0	11.0	22.0	33.0	25.0	23.0	18.0	17.0	24	33.0
10	22.0	18.0	16.0	17.0	13.0	13.0	14.0	13.0	18.0	24.0	21.0	9.0	7.0	6.0	5.0	5.0	7.0	11.0	14.0	15.0	16.0	14.0	15.0	16.0	24	24.0
11	18.0	12.0	7.0	6.0	6.0	4.0	5.0	5.0	4.0	3.0	3.0	3.0	8.0	8.0	6.0	6.0	8.0	20.0	37.0	33.0	32.0	30.0	29.0	35.0	24	37.0
12	33.0	29.0	27.0	24.0	15.0	12.0	17.0	21.0	21.0	11.0	5.0	4.0	3.0	4.0	4.0	6.0	8.0	12.0	12.0	5.0	5.0	5.0	5.0	5.0	24	33.0
13	9.0	3.0	3.0	3.0	4.0	4.0	4.0	5.0	6.0	BF	BF	4.0	4.0	5.0	5.0	6.0	7.0	7.0	6.0	5.0	6.0	4.0	4.0	5.0	22	9.0
14	5.0	3.0	3.0	4.0	4.0	4.0	5.0	5.0	4.0	2.0	2.0	2.0	2.0	3.0	3.0	4.0	5.0	12.0	8.0	8.0	10.0	13.0	14.0	12.0	24	14.0
15	14.0	13.0	14.0	11.0	15.0	17.0	19.0	17.0	10.0	2.0	2.0	3.0	3.0	4.0	4.0	5.0	6.0	9.0	23.0	28.0	28.0	25.0	23.0	18.0	24	28.0
16	16.0	18.0	15.0	18.0	12.0	7.0	8.0	9.0	9.0	7.0	5.0	5.0	4.0	5.0	6.0	6.0	6.0	8.0	9.0	8.0	10.0	7.0	5.0	7.0	24	18.0
17	5.0	5.0	4.0	4.0	4.0	6.0	8.0	11.0	13.0	15.0	7.0	9.0	12.0	12.0	11.0	10.0	13.0	12.0	10.0	5.0	5.0	4.0	3.0	3.0	24	15.0
18	3.0	2.0	3.0	3.0	3.0	3.0	4.0	7.0	5.0	3.0	2.0	3.0	2.0	2.0	3.0	3.0	4.0	7.0	11.0	11.0	7.0	13.0	14.0	12.0	24	14.0
19	12.0	11.0	15.0	20.0	23.0	15.0	21.0	25.0	27.0	14.0	5.0	3.0	5.0	7.0	8.0	9.0	12.0	17.0	20.0	19.0	16.0	19.0	15.0	13.0	24	27.0
20	11.0	11.0	12.0	13.0	16.0	20.0	22.0	27.0	23.0	19.0	AZ	AZ	AZ	AZ	AZ	AZ	7.0	9.0	11.0	13.0	9.0	6.0	8.0	9.0	18	27.0
21	6.0	7.0	6.0	6.0	13.0	17.0	23.0	20.0	8.0	BC	BC	BC	BC	5.0	5.0	6.0	6.0	14.0	15.0	15.0	18.0	24.0	25.0	21.0	20	25.0
22	21.0	18.0	27.0	30.0	27.0	26.0	23.0	22.0	26.0	14.0	6.0	6.0	5.0	5.0	6.0	7.0	9.0	16.0	23.0	34.0	27.0	31.0	33.0	31.0	24	34.0
23	30.0	26.0	34.0	32.0	30.0	31.0	26.0	20.0	16.0	17.0	18.0	16.0	13.0	11.0	11.0	10.0	9.0	8.0	8.0	6.0	6.0	3.0	3.0	4.0	24	34.0
24	3.0	3.0	3.0	3.0	3.0	4.0	5.0	5.0	6.0	5.0	5.0	4.0	4.0	4.0	4.0	5.0	7.0	14.0	29.0	29.0	11.0	7.0	5.0	5.0	24	29.0
25	4.0	4.0	5.0	4.0	4.0	6.0	10.0	13.0	13.0	12.0	9.0	9.0	8.0	5.0	6.0	7.0	11.0	20.0	19.0	17.0	14.0	10.0	11.0	8.0	24	20.0
26	7.0	5.0	3.0	3.0	2.0	4.0	8.0	4.0	6.0	5.0	4.0	9.0	5.0	BF	BF	5.0	6.0	14.0	23.0	17.0	21.0	19.0	15.0	11.0	22	23.0
27	8.0	7.0	6.0	6.0	6.0	6.0	6.0	6.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	5.0	5.0	5.0	6.0	6.0	5.0	4.0	24	8.0
28	5.0	5.0	7.0	7.0	9.0	12.0	10.0	9.0	10.0	5.0	3.0	3.0	3.0	3.0	4.0	4.0	6.0	13.0	16.0	25.0	25.0	22.0	21.0	18.0	24	25.0
29	18.0	19.0	20.0	21.0	20.0	18.0	16.0	19.0	11.0	8.0	6.0	6.0	6.0	7.0	7.0	7.0	8.0	17.0	16.0	11.0	12.0	16.0	13.0	14.0	24	21.0
30	9.0	9.0	9.0	10.0	11.0	15.0	16.0	14.0	15.0	9.0	7.0	6.0	6.0	6.0	6.0	6.0	7.0	9.0	9.0	10.0	7.0	7.0	8.0	9.0	24	16.0
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	28	27	28	27	28	28	29	30	30	30	30	30	30	30	30		
MAX:	33.0	29.0	34.0	32.0	30.0	31.0	26.0	32.0	31.0	24.0	21.0	16.0	13.0	12.0	11.0	11.0	17.0	23.0	37.0	34.0	46.0	31.0	33.0	35.0		
AVG:	10.87	9.73	10.20	10.40	10.13	10.47	12.37	13.50	12.00	8.75	6.15	5.46	5.26	5.50	5.46	5.90	7.63	12.43	15.47	15.87	14.77	12.50	11.80	11.27		

MONTHLY OBSERVATIONS: 705 MONTHLY MEAN: 10.25 MONTHLY MAX: 46.0

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.

(42602) Nitrogen dioxide (NO2)

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: CSI 1600 ANALYZER/CHANGED TO API 200A 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: 10102-44-0
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: (599) Instrumental Chemiluminescence Tel
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: DECEMBER 2014

DURATION: 1 HOUR
UNITS: Parts per billion
MIN DETECTABLE: .05

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	11.0	14.0	6.0	7.0	8.0	16.0	24.0	27.0	25.0	16.0	14.0	14.0	10.0	9.0	7.0	9.0	13.0	25.0	39.0	40.0	33.0	15.0	18.0	16.0	24	40.0
2	15.0	14.0	19.0	12.0	4.0	3.0	3.0	4.0	5.0	4.0	4.0	4.0	4.0	5.0	5.0	6.0	6.0	6.0	7.0	6.0	6.0	6.0	5.0	7.0	24	19.0
3	10.0	8.0	7.0	8.0	10.0	9.0	10.0	11.0	10.0	10.0	10.0	9.0	10.0	10.0	11.0	14.0	15.0	19.0	19.0	18.0	17.0	16.0	16.0	10.0	24	19.0
4	7.0	5.0	5.0	6.0	5.0	9.0	12.0	11.0	8.0	6.0	AZ	AZ	AZ	AZ	AZ	AZ	AZ	9.0	15.0	15.0	13.0	12.0	13.0	12.0	17	15.0
5	10.0	6.0	7.0	6.0	6.0	6.0	7.0	8.0	10.0	9.0	10.0	10.0	8.0	10.0	14.0	14.0	15.0	17.0	19.0	17.0	21.0	17.0	17.0	17.0	24	21.0
6	14.0	13.0	13.0	14.0	14.0	14.0	16.0	18.0	17.0	16.0	13.0	12.0	11.0	10.0	11.0	11.0	11.0	12.0	12.0	8.0	8.0	13.0	13.0	8.0	24	18.0
7	5.0	5.0	5.0	5.0	5.0	5.0	4.0	5.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.0	5.0	4.0	3.0	3.0	3.0	3.0	3.0	24	5.0
8	3.0	3.0	3.0	3.0	3.0	4.0	4.0	5.0	5.0	4.0	4.0	4.0	4.0	5.0	5.0	5.0	6.0	6.0	5.0	5.0	5.0	4.0	4.0	4.0	24	6.0
9	3.0	3.0	3.0	3.0	3.0	9.0	9.0	21.0	18.0	14.0	9.0	5.0	5.0	5.0	5.0	6.0	8.0	10.0	8.0	7.0	7.0	7.0	9.0	8.0	24	21.0
10	6.0	6.0	7.0	9.0	7.0	10.0	11.0	14.0	9.0	7.0	BF	BF	6.0	7.0	7.0	6.0	7.0	6.0	6.0	7.0	5.0	6.0	6.0	7.0	22	14.0
11	7.0	7.0	10.0	9.0	11.0	10.0	19.0	20.0	16.0	9.0	4.0	4.0	4.0	4.0	5.0	5.0	6.0	12.0	14.0	15.0	16.0	11.0	13.0	9.0	24	20.0
12	9.0	9.0	9.0	16.0	19.0	23.0	27.0	27.0	21.0	10.0	6.0	5.0	5.0	5.0	5.0	6.0	9.0	12.0	15.0	14.0	17.0	10.0	16.0	18.0	24	27.0
13	18.0	17.0	17.0	16.0	14.0	23.0	27.0	30.0	21.0	11.0	6.0	4.0	3.0	4.0	4.0	5.0	9.0	18.0	14.0	13.0	15.0	11.0	19.0	16.0	24	30.0
14	11.0	13.0	10.0	7.0	5.0	5.0	4.0	8.0	5.0	5.0	4.0	4.0	4.0	5.0	5.0	5.0	6.0	14.0	23.0	14.0	11.0	7.0	9.0	11.0	24	23.0
15	21.0	18.0	19.0	22.0	18.0	14.0	14.0	10.0	16.0	8.0	7.0	8.0	10.0	9.0	11.0	12.0	16.0	27.0	40.0	31.0	34.0	32.0	28.0	26.0	24	40.0
16	26.0	25.0	26.0	23.0	19.0	26.0	21.0	25.0	26.0	26.0	21.0	17.0	17.0	21.0	24.0	24.0	17.0	15.0	23.0	21.0	12.0	10.0	12.0	10.0	24	26.0
17	10.0	11.0	9.0	13.0	8.0	12.0	21.0	24.0	22.0	13.0	5.0	4.0	4.0	4.0	4.0	5.0	8.0	22.0	30.0	24.0	13.0	15.0	16.0	14.0	24	30.0
18	16.0	12.0	6.0	7.0	4.0	4.0	5.0	6.0	8.0	4.0	5.0	5.0	5.0	8.0	7.0	11.0	12.0	14.0	22.0	27.0	26.0	24.0	27.0	26.0	24	27.0
19	23.0	20.0	21.0	22.0	14.0	11.0	14.0	21.0	19.0	12.0	6.0	5.0	5.0	5.0	5.0	6.0	9.0	18.0	26.0	21.0	13.0	16.0	13.0	10.0	24	26.0
20	8.0	7.0	6.0	6.0	6.0	6.0	6.0	7.0	8.0	7.0	7.0	6.0	6.0	7.0	7.0	8.0	10.0	13.0	16.0	17.0	17.0	14.0	13.0	13.0	24	17.0
21	11.0	12.0	11.0	11.0	13.0	11.0	12.0	11.0	10.0	9.0	7.0	8.0	8.0	7.0	6.0	6.0	7.0	9.0	11.0	10.0	9.0	9.0	8.0	7.0	24	13.0
22	6.0	5.0	6.0	6.0	6.0	5.0	5.0	6.0	6.0	6.0	9.0	6.0	10.0	7.0	6.0	6.0	9.0	7.0	9.0	10.0	5.0	12.0	11.0	13.0	24	13.0
23	9.0	11.0	7.0	10.0	8.0	6.0	5.0	8.0	BF	BF	6.0	7.0	8.0	10.0	11.0	11.0	14.0	12.0	10.0	11.0	8.0	9.0	9.0	8.0	22	14.0
24	8.0	9.0	7.0	6.0	7.0	8.0	6.0	7.0	7.0	6.0	6.0	7.0	6.0	8.0	7.0	8.0	10.0	11.0	11.0	11.0	11.0	11.0	11.0	10.0	24	11.0
25	8.0	7.0	6.0	4.0	3.0	3.0	3.0	5.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.0	4.0	11.0	12.0	15.0	17.0	18.0	19.0	20.0	24	20.0
26	18.0	16.0	15.0	17.0	14.0	15.0	19.0	15.0	14.0	13.0	14.0	7.0	5.0	5.0	5.0	5.0	7.0	18.0	28.0	31.0	27.0	28.0	30.0	25.0	24	31.0
27	23.0	24.0	22.0	21.0	22.0	17.0	20.0	18.0	18.0	14.0	10.0	6.0	7.0	7.0	6.0	7.0	10.0	23.0	21.0	20.0	18.0	19.0	14.0	9.0	24	24.0
28	9.0	8.0	8.0	7.0	6.0	5.0	5.0	6.0	6.0	5.0	5.0	5.0	5.0	7.0	7.0	7.0	7.0	11.0	15.0	18.0	20.0	15.0	14.0	13.0	24	20.0
29	12.0	15.0	13.0	8.0	5.0	4.0	5.0	6.0	8.0	9.0	8.0	7.0	6.0	5.0	7.0	5.0	5.0	5.0	4.0	4.0	4.0	4.0	4.0	5.0	24	15.0
30	4.0	4.0	3.0	3.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0	5.0	4.0	7.0	7.0	6.0	5.0	8.0	19.0	24.0	20.0	18.0	19.0	18.0	24	24.0
31	14.0	17.0	17.0	17.0	16.0	15.0	16.0	18.0	17.0	17.0	10.0	5.0	4.0	4.0	4.0	5.0	6.0	16.0	27.0	28.0	23.0	20.0	29.0	28.0	24	29.0
NO.:	31	31	31	31	31	31	31	31	30	30	29	29	30	30	30	30	30	31	31	31	31	31	31	31		
MAX:	26.0	25.0	26.0	23.0	22.0	26.0	27.0	30.0	26.0	26.0	21.0	17.0	17.0	21.0	24.0	24.0	17.0	27.0	40.0	40.0	34.0	32.0	30.0	28.0		
AVG:	11.45	11.10	10.42	10.45	9.23	10.03	11.52	13.10	12.20	9.33	7.59	6.52	6.33	6.87	7.13	7.70	9.03	13.26	16.90	16.29	14.65	13.29	14.13	12.94		

MONTHLY OBSERVATIONS: 733 MONTHLY MEAN: 10.94 MONTHLY MAX: 40.0

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.

(42602) Nitrogen dioxide (NO2)

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

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

CAS NUMBER: 10102-44-0
LATITUDE: 35.4325000009
LONGITUDE: -79.2887
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 131
PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (200) Teledyne-API Model 200EUP or T200U
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: DECEMBER 2014

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1																									0	
2																									0	
3																									0	
4																									0	
5																									0	
6																									0	
7																									0	
8																									0	
9										BC	BC	BC	BC	BC	.6	.9	1.4	1.5	1.1	.8	1.2	1.2	1.4	1.5	10	1.5
10	1.7	BF	BF	1.9	2.0	1.9	2.2	2.4	1.9	1.7	2.1	2.5	2.9	3.1	2.7	2.0	1.9	2.4	2.1	2.0	2.1	2.0	1.8	1.7	22	3.1
11	1.5	BF	BF	1.1	1.1	1.1	1.1	1.1	1.2	1.0	1.0	.9	1.0	1.3	1.2	1.6	1.6	2.2	2.5	2.5	1.9	1.9	2.3	2.8	22	2.8
12	2.7	BF	BF	2.0	2.0	1.9	2.0	2.2	2.0	1.6	1.5	1.2	1.0	1.2	1.3	1.2	1.2	1.5	1.1	1.1	1.2	1.5	1.8	2.1	22	2.7
13	2.4	BF	BF	2.1	2.1	1.8	1.7	2.0	2.2	1.8	1.5	1.1	.9	1.0	1.3	1.0	1.3	1.2	2.1	1.4	1.6	1.2	1.1	1.4	22	2.4
14	2.0	BF	BF	1.9	1.8	1.7	1.5	1.4	1.2	.9	76.2	106.8EH	107.6EH	116.7EH	123.9EH	135.6EH	132.4EH	137.2EH	136.5EH	110.0EH	88.4	81.7	77.3	73.7	22	137.2
15	2.0	BF	BF	1.6	2.2	2.0	2.7	3.5	1.4	1.7	3.6	4.0	2.8	1.0	.7	1.6	6.3	4.4	3.4	3.5	4.2	5.1	5.2	5.0	22	6.3
16	5.4	BF	BF	2.3	2.4	2.1	2.7	3.7	3.3	3.7	4.2	3.9	3.0	3.1	3.3	3.5	3.2	2.4	2.8	2.3	3.0	3.7	3.7	3.6	22	5.4
17	3.4	BF	BF	1.6	1.3	1.1	1.0	2.5	1.3	1.3	1.3	1.0	1.2	1.2	.6	.6	.6	1.0	2.3	2.7	3.5	4.0	3.8	3.2	22	4.0
18	3.1	BF	BF	2.5	2.7	2.7	4.0	3.8	2.5	2.1	1.7	1.6	1.5	1.4	1.2	1.2	1.6	6.5	3.1	2.9	4.2	3.8	3.2	2.7	22	6.5
19	2.6	BF	BF	1.7	1.7	1.5	2.5	5.7	2.5	2.1	1.8	1.6	1.1	.9	.9	1.2	4.0	4.1	4.6	6.3	6.9	6.2	6.1	6.6	22	6.9
20	4.2	BF	BF	5.9	6.7	7.3	7.0	8.7	6.4	5.0	4.7	5.1	5.0	4.7	5.2	5.8	6.3	6.9	6.5	7.1	8.1	7.8	7.6	7.6	22	8.7
21	7.3	BF	BF	6.0	6.2	6.3	7.1	6.9	6.3	6.4	5.1	4.1	3.7	3.2	2.6	2.4	3.0	3.7	3.1	3.9	3.3	3.0	3.0	2.9	22	7.3
22	3.1	BF	BF	2.1	1.7	1.9	2.3	2.5	2.4	BA	BA	BA	3.4	4.0	4.3	3.9	4.2	4.4	4.1	3.6	3.6	3.8	3.6	3.8	19	4.4
23	4.2	BF	BF	4.8	5.0	4.8	4.7	4.7	5.4	4.8	4.5	4.1	4.0	4.5	4.8	5.8	7.8	10.3	10.4	10.1	10.1	10.0	9.9	10.2	22	10.4
24	9.6	BF	BF	9.1	9.2	9.9	10.3	10.2	9.0	7.9	6.9	6.4	6.1	3.9	3.1	2.3	1.0	.7	.7	.7	.8	.7	.7	.6	22	10.3
25	.6	BF	BF	1.0	1.0	1.0	.9	.7	.5	.5	.4	.4	.3	.3	.3	.3	.4	.6	1.1	.9	.9	.8	.7	.9	22	1.1
26	.9	BF	BF	.6	.6	.6	1.0	.8	2.0	.7	.6	.6	.4	.3	.2	.2	2.3	.8	1.5	1.6	2.1	1.9	1.3	1.2	22	2.3
27	1.1	BF	BF	.8	.6	.7	.4	.8	.5	1.1	1.3	1.3	1.0	.7	.5	.6	2.0	2.7	1.4	1.6	1.8	1.3	1.3	1.6	22	2.7
28	1.8	BF	BF	1.2	1.2	1.1	.9	.9	.7	.6	.5	.6	.6	.4	.4	.3	.4	1.9	.9	.8	.8	.8	.5	.5	22	1.9
29	.7	BF	BF	.9	1.6	1.5	2.5	2.8	2.5	1.8	2.2	2.3	2.1	1.9	2.2	3.3	3.7	4.0	4.4	4.1	3.6	3.5	3.3	3.3	22	4.4
30	3.4	BF	BF	2.9	2.3	2.0	2.2	2.0	2.2	2.9	3.0	3.0	3.2	3.2	3.1	2.7	2.7	3.0	1.9	1.6	2.0	1.7	2.3	2.2	22	3.4
31	1.9	BF	BF	1.6	1.7	1.8	2.2	2.9	2.3	1.9	1.8	1.8	2.0	1.3	1.4	2.5	2.0	4.9	2.8	3.4	4.3	4.0	3.0	2.0	22	4.9
NO.:	22			22	22	22	22	22	22	21	21	21	22	22	23	23	23	23	23	23	23	23	23	23		
MAX:	9.6			9.1	9.2	9.9	10.3	10.2	9.0	7.9	76.2	106.8	107.6	116.7	123.9	135.6	132.4	137.2	136.5	110.0	88.4	81.7	77.3	73.7		
AVG:	2.98			2.53	2.60	2.58	2.86	3.28	2.71	2.45	6.00	7.35	7.04	7.24	7.21	7.85	8.32	9.06	8.71	7.60	6.94	6.59	6.30	6.13		

MONTHLY OBSERVATIONS: 491 MONTHLY MEAN: 5.69 MONTHLY MAX: 137.2

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.

(42602) Nitrogen dioxide (NO2)

CAS NUMBER: 10102-44-0

SITE ID: 37-119-0041 POC: 1
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: (074) INSTRUMENTAL CHEMILUMINESCENCE
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JANUARY 2014

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	25.0	28.0	27.0	25.0	22.0	22.0	22.0	21.0	18.0	17.0	8.0	7.0	8.0	5.0	4.0	4.0	5.0	11.0	13.0	24.0	26.0	26.0	24.0	21.0	24	28.0
2	21.0	18.0	16.0	17.0	16.0	14.0	16.0	16.0	15.0	13.0	11.0	11.0	11.0	12.0	12.0	10.0	9.0	9.0	14.0	12.0	9.0	5.0	3.0	4.0	24	21.0
3	3.0	3.0	4.0	4.0	4.0	4.0	5.0	8.0	6.0	3.0	4.0	4.0	8.0	6.0	8.0	6.0	5.0	8.0	18.0	26.0	28.0	21.0	20.0	25.0	24	28.0
4	25.0	27.0	25.0	21.0	18.0	24.0	27.0	28.0	21.0	8.0	7.0	6.0	6.0	6.0	8.0	9.0	7.0	8.0	9.0	7.0	8.0	7.0	7.0	9.0	24	28.0
5	10.0	10.0	9.0	7.0	7.0	8.0	7.0	9.0	6.0	7.0	8.0	9.0	10.0	11.0	13.0	14.0	12.0	13.0	12.0	11.0	11.0	10.0	12.0	12.0	24	14.0
6	11.0	10.0	8.0	7.0	10.0	9.0	9.0	12.0	9.0	7.0	6.0	4.0	4.0	3.0	4.0	3.0	3.0	5.0	4.0	3.0	3.0	3.0	3.0	3.0	24	12.0
7	3.0	3.0	3.0	3.0	6.0	6.0	9.0	13.0	10.0	4.0	4.0	5.0	4.0	5.0	5.0	8.0	12.0	10.0	15.0	25.0	30.0	30.0	30.0	29.0	24	30.0
8	26.0	22.0	22.0	24.0	26.0	28.0	28.0	27.0	29.0	25.0	BF	BF	BF	12.0	8.0	6.0	7.0	11.0	32.0	38.0	34.0	36.0	35.0	35.0	21	38.0
9	30.0	33.0	30.0	29.0	29.0	28.0	28.0	33.0	33.0	27.0	15.0	9.0	6.0	5.0	6.0	5.0	7.0	13.0	18.0	24.0	27.0	27.0	18.0	12.0	24	33.0
10	12.0	18.0	13.0	9.0	8.0	8.0	10.0	13.0	14.0	18.0	16.0	14.0	15.0	14.0	BA	16.0	17.0	21.0	21.0	18.0	19.0	19.0	19.0	18.0	23	21.0
11	17.0	15.0	17.0	16.0	16.0	16.0	15.0	14.0	12.0	9.0	4.0	2.0	3.0	5.0	4.0	6.0	4.0	4.0	3.0	4.0	4.0	3.0	4.0	11.0	24	17.0
12	8.0	4.0	6.0	4.0	6.0	4.0	9.0	15.0	13.0	9.0	4.0	4.0	3.0	3.0	4.0	4.0	4.0	6.0	10.0	21.0	26.0	19.0	21.0	17.0	24	26.0
13	12.0	14.0	17.0	17.0	17.0	14.0	14.0	20.0	21.0	12.0	7.0	6.0	AV	AV	3.0	4.0	7.0	13.0	21.0	25.0	25.0	24.0	16.0	10.0	22	25.0
14	9.0	8.0	9.0	8.0	7.0	9.0	12.0	17.0	18.0	18.0	21.0	12.0	9.0	7.0	5.0	6.0	6.0	10.0	20.0	31.0	27.0	23.0	21.0	18.0	24	31.0
15	17.0	16.0	12.0	14.0	16.0	16.0	13.0	18.0	17.0	20.0	23.0	23.0	12.0	4.0	4.0	5.0	8.0	7.0	7.0	6.0	4.0	5.0	7.0	4.0	24	23.0
16	3.0	5.0	6.0	5.0	4.0	6.0	12.0	15.0	12.0	9.0	7.0	6.0	8.0	BF	BF	4.0	4.0	8.0	15.0	21.0	20.0	12.0	9.0	10.0	22	21.0
17	14.0	9.0	9.0	9.0	9.0	8.0	12.0	23.0	23.0	10.0	8.0	7.0	7.0	5.0	4.0	4.0	4.0	7.0	16.0	23.0	26.0	8.0	7.0	8.0	24	26.0
18	6.0	6.0	8.0	9.0	5.0	3.0	4.0	4.0	3.0	3.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0	5.0	10.0	18.0	15.0	11.0	7.0	8.0	24	18.0
19	7.0	5.0	5.0	4.0	4.0	5.0	5.0	8.0	6.0	5.0	5.0	5.0	5.0	3.0	3.0	4.0	4.0	7.0	13.0	21.0	19.0	16.0	13.0	11.0	24	21.0
20	11.0	12.0	11.0	11.0	12.0	12.0	18.0	21.0	23.0	15.0	10.0	7.0	6.0	5.0	5.0	5.0	6.0	9.0	13.0	22.0	26.0	25.0	19.0	24.0	24	26.0
21	18.0	20.0	16.0	13.0	13.0	16.0	24.0	30.0	30.0	23.0	23.0	23.0	18.0	15.0	13.0	13.0	5.0	5.0	5.0	5.0	5.0	7.0	11.0	4.0	24	30.0
22	4.0	5.0	5.0	17.0	13.0	5.0	6.0	11.0	10.0	10.0	9.0	4.0	4.0	4.0	6.0	6.0	6.0	11.0	24.0	36.0	36.0	37.0	34.0	32.0	24	37.0
23	32.0	32.0	16.0	19.0	24.0	25.0	33.0	35.0	36.0	20.0	8.0	9.0	5.0	4.0	4.0	4.0	5.0	11.0	13.0	7.0	7.0	5.0	4.0	3.0	24	36.0
24	3.0	3.0	3.0	3.0	5.0	7.0	7.0	10.0	11.0	5.0	4.0	4.0	6.0	11.0	6.0	7.0	9.0	19.0	19.0	26.0	32.0	28.0	15.0	10.0	24	32.0
25	7.0	7.0	7.0	8.0	6.0	6.0	6.0	6.0	7.0	6.0	4.0	4.0	4.0	4.0	5.0	7.0	8.0	9.0	8.0	8.0	7.0	6.0	6.0	6.0	24	9.0
26	7.0	8.0	9.0	10.0	16.0	23.0	25.0	23.0	17.0	14.0	9.0	6.0	4.0	3.0	3.0	3.0	3.0	5.0	7.0	8.0	9.0	7.0	6.0	6.0	24	25.0
27	6.0	7.0	5.0	5.0	5.0	5.0	7.0	12.0	12.0	BF	BF	BF	7.0	8.0	9.0	7.0	9.0	11.0	14.0	27.0	20.0	6.0	4.0	4.0	21	27.0
28	3.0	2.0	2.0	3.0	2.0	3.0	4.0	6.0	6.0	5.0	4.0	4.0	5.0	7.0	8.0	8.0	9.0	9.0	9.0	8.0	8.0	9.0	7.0	6.0	24	9.0
29	7.0	5.0	4.0	4.0	4.0	4.0	6.0	9.0	8.0	5.0	4.0	3.0	3.0	4.0	7.0	8.0	8.0	8.0	9.0	15.0	21.0	25.0	32.0	34.0	24	34.0
30	33.0	33.0	33.0	31.0	32.0	32.0	33.0	33.0	26.0	13.0	7.0	6.0	6.0	5.0	6.0	6.0	6.0	9.0	16.0	36.0	41.0	43.0	39.0	37.0	24	43.0
31	37.0	38.0	38.0	37.0	41.0	47.0	44.0	51.0	50.0	48.0	28.0	25.0	16.0	10.0	10.0	8.0	8.0	12.0	22.0	29.0	43.0	42.0	37.0	38.0	24	51.0
NO.:	31	31	31	31	31	31	31	31	31	30	29	29	29	29	29	31	31	31	31	31	31	31	31	31		
MAX:	37.0	38.0	38.0	37.0	41.0	47.0	44.0	51.0	50.0	48.0	28.0	25.0	18.0	15.0	13.0	16.0	17.0	21.0	32.0	38.0	43.0	43.0	39.0	38.0		
AVG:	13.77	13.74	12.74	12.68	13.00	13.45	15.16	18.10	16.84	12.93	9.31	7.97	7.10	6.52	6.21	6.55	6.77	9.48	13.87	18.87	19.87	17.58	15.81	15.13		

MONTHLY OBSERVATIONS: 733 MONTHLY MEAN: 12.71 MONTHLY MAX: 51.0

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.

(42602) Nitrogen dioxide (NO2)

CAS NUMBER: 10102-44-0

SITE ID: 37-119-0041 POC: 1
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: (074) INSTRUMENTAL CHEMILUMINESCENCE
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: FEBRUARY 2014

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	39.0	37.0	37.0	34.0	34.0	34.0	34.0	33.0	34.0	28.0	14.0	12.0	8.0	6.0	7.0	8.0	9.0	9.0	10.0	15.0	15.0	14.0	13.0	11.0	24	39.0
2	10.0	8.0	8.0	8.0	8.0	7.0	4.0	6.0	6.0	4.0	5.0	4.0	4.0	3.0	3.0	3.0	3.0	4.0	7.0	7.0	5.0	5.0	7.0	7.0	24	10.0
3	5.0	4.0	3.0	3.0	3.0	3.0	3.0	5.0	6.0	7.0	4.0	4.0	3.0	3.0	3.0	6.0	6.0	9.0	9.0	7.0	7.0	6.0	5.0	4.0	24	9.0
4	3.0	4.0	3.0	3.0	3.0	3.0	5.0	5.0	5.0	5.0	6.0	6.0	5.0	6.0	6.0	7.0	10.0	9.0	8.0	7.0	5.0	5.0	5.0	6.0	24	10.0
5	8.0	6.0	5.0	5.0	5.0	8.0	10.0	13.0	13.0	15.0	12.0	8.0	6.0	5.0	5.0	6.0	7.0	13.0	19.0	5.0	5.0	8.0	7.0	9.0	24	19.0
6	7.0	10.0	5.0	4.0	3.0	4.0	7.0	11.0	11.0	7.0	BF	BF	5.0	6.0	7.0	8.0	9.0	12.0	12.0	20.0	25.0	24.0	23.0	21.0	22	25.0
7	22.0	24.0	25.0	22.0	24.0	27.0	27.0	27.0	25.0	19.0	16.0	18.0	20.0	19.0	16.0	11.0	11.0	12.0	18.0	37.0	32.0	22.0	17.0	16.0	24	37.0
8	17.0	20.0	23.0	20.0	28.0	27.0	27.0	26.0	21.0	18.0	13.0	13.0	13.0	14.0	13.0	12.0	15.0	16.0	27.0	39.0	29.0	11.0	11.0	11.0	24	39.0
9	14.0	11.0	9.0	8.0	8.0	8.0	9.0	11.0	9.0	6.0	5.0	5.0	4.0	3.0	3.0	3.0	3.0	4.0	6.0	6.0	4.0	6.0	13.0	12.0	24	14.0
10	15.0	19.0	26.0	26.0	18.0	12.0	18.0	15.0	14.0	6.0	5.0	4.0	4.0	5.0	8.0	7.0	8.0	8.0	7.0	5.0	5.0	4.0	3.0	3.0	24	26.0
11	3.0	4.0	5.0	4.0	5.0	4.0	7.0	9.0	10.0	12.0	14.0	14.0	13.0	10.0	10.0	10.0	6.0	7.0	8.0	7.0	7.0	7.0	7.0	6.0	24	14.0
12	6.0	7.0	10.0	8.0	6.0	6.0	6.0	6.0	7.0	7.0	6.0	7.0	6.0	6.0	6.0	8.0	9.0	8.0	8.0	6.0	7.0	6.0	6.0	5.0	24	10.0
13	5.0	5.0	4.0	4.0	4.0	4.0	4.0	5.0	5.0	7.0	6.0	6.0	6.0	5.0	5.0	6.0	8.0	6.0	6.0	9.0	8.0	10.0	7.0	9.0	24	10.0
14	14.0	14.0	9.0	8.0	10.0	19.0	24.0	23.0	20.0	10.0	10.0	7.0	8.0	8.0	6.0	6.0	5.0	8.0	14.0	14.0	13.0	9.0	11.0	9.0	24	24.0
15	9.0	9.0	11.0	15.0	12.0	13.0	12.0	13.0	9.0	5.0	5.0	4.0	4.0	3.0	4.0	4.0	4.0	6.0	13.0	34.0	29.0	24.0	31.0	29.0	24	34.0
16	30.0	32.0	24.0	23.0	24.0	23.0	16.0	18.0	16.0	11.0	7.0	5.0	4.0	5.0	4.0	4.0	4.0	5.0	9.0	20.0	23.0	30.0	22.0	31.0	24	32.0
17	32.0	30.0	18.0	8.0	7.0	7.0	7.0	7.0	5.0	4.0	3.0	3.0	3.0	4.0	4.0	4.0	5.0	6.0	10.0	7.0	5.0	6.0	6.0	6.0	24	32.0
18	9.0	8.0	8.0	12.0	20.0	29.0	31.0	31.0	33.0	22.0	15.0	10.0	7.0	7.0	10.0	11.0	8.0	9.0	16.0	22.0	25.0	22.0	32.0	28.0	24	33.0
19	10.0	7.0	8.0	6.0	7.0	6.0	6.0	6.0	8.0	7.0	5.0	4.0	3.0	4.0	3.0	4.0	5.0	8.0	10.0	11.0	8.0	8.0	10.0	12.0	24	12.0
20	13.0	11.0	9.0	12.0	13.0	14.0	16.0	17.0	14.0	BF	BF	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	9	17.0
21	BA	BA	BA	BA	BA	BA	BA	BA	BA	BC	BC	BC	BC	BC	6.0	6.0	7.0	8.0	16.0	23.0	32.0	27.0	29.0	29.0	10	32.0
22	32.0	30.0	28.0	24.0	24.0	25.0	25.0	25.0	20.0	7.0	7.0	6.0	5.0	4.0	5.0	4.0	4.0	4.0	8.0	20.0	30.0	19.0	12.0	19.0	24	32.0
23	18.0	29.0	27.0	23.0	14.0	14.0	21.0	23.0	16.0	10.0	9.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	6.0	7.0	7.0	6.0	7.0	24	29.0
24	6.0	8.0	11.0	11.0	8.0	8.0	13.0	30.0	16.0	8.0	6.0	5.0	5.0	5.0	5.0	5.0	5.0	6.0	11.0	10.0	11.0	9.0	14.0	13.0	24	30.0
25	7.0	5.0	5.0	4.0	4.0	7.0	20.0	28.0	20.0	15.0	12.0	15.0	8.0	8.0	7.0	8.0	11.0	11.0	14.0	12.0	9.0	8.0	6.0	6.0	24	28.0
26	6.0	5.0	4.0	4.0	6.0	6.0	6.0	12.0	AZ	AZ	AZ	AZ	AZ	AZ	7.0	6.0	7.0	6.0	12.0	13.0	9.0	5.0	6.0	10.0	18	13.0
27	11.0	9.0	13.0	10.0	10.0	11.0	21.0	21.0	14.0	11.0	12.0	10.0	11.0	8.0	6.0	5.0	5.0	9.0	18.0	24.0	11.0	12.0	12.0	14.0	24	24.0
28	14.0	12.0	9.0	5.0	6.0	7.0	9.0	11.0	6.0	5.0	BF	BF	4.0	4.0	4.0	4.0	5.0	6.0	12.0	16.0	15.0	11.0	8.0	9.0	22	16.0
29																									0	
30																									0	
31																									0	
NO.:	27	27	27	27	27	27	27	27	26	25	23	23	25	25	27	27	27	27	27	27	27	27	27	27		
MAX:	39.0	37.0	37.0	34.0	34.0	34.0	34.0	33.0	34.0	28.0	16.0	18.0	20.0	19.0	16.0	12.0	15.0	16.0	27.0	39.0	32.0	30.0	32.0	31.0		
AVG:	13.52	13.63	12.85	11.63	11.63	12.44	14.37	16.19	13.96	10.24	8.57	7.61	6.56	6.24	6.22	6.33	6.81	7.93	11.59	14.89	14.11	12.04	12.19	12.67		

MONTHLY OBSERVATIONS: 633 MONTHLY MEAN: 11.07 MONTHLY MAX: 39.0

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.

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-119-0041 POC: 1
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: 10102-44-0
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: (074) INSTRUMENTAL CHEMILUMINESCENCE
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MARCH 2014

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	11.0	13.0	9.0	9.0	9.0	12.0	11.0	14.0	12.0	14.0	15.0	15.0	13.0	12.0	11.0	9.0	7.0	7.0	9.0	15.0	32.0	41.0	38.0	34.0	24	41.0
2	36.0	34.0	37.0	28.0	22.0	17.0	25.0	24.0	17.0	9.0	6.0	4.0	4.0	4.0	4.0	4.0	4.0	5.0	5.0	6.0	6.0	5.0	4.0	3.0	24	37.0
3	3.0	3.0	3.0	3.0	3.0	4.0	5.0	7.0	9.0	10.0	11.0	18.0	10.0	8.0	6.0	5.0	6.0	4.0	4.0	4.0	3.0	4.0	3.0	2.0	24	18.0
4	3.0	2.0	3.0	AV	3.0	3.0	5.0	9.0	5.0	7.0	6.0	7.0	7.0	6.0	7.0	7.0	6.0	6.0	6.0	7.0	8.0	7.0	7.0	7.0	23	9.0
5	7.0	7.0	8.0	9.0	10.0	10.0	13.0	19.0	19.0	15.0	18.0	13.0	12.0	11.0	11.0	11.0	12.0	10.0	13.0	15.0	25.0	34.0	28.0	12.0	24	34.0
6	8.0	6.0	6.0	9.0	9.0	10.0	13.0	15.0	13.0	12.0	12.0	12.0	12.0	13.0	11.0	11.0	11.0	9.0	9.0	11.0	8.0	6.0	5.0	4.0	24	15.0
7	4.0	3.0	3.0	3.0	3.0	4.0	6.0	6.0	6.0	7.0	6.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	6.0	8.0	11.0	23.0	27.0	26.0	24	27.0
8	23.0	24.0	23.0	20.0	20.0	19.0	20.0	20.0	20.0	21.0	22.0	12.0	6.0	4.0	5.0	5.0	5.0	4.0	6.0	10.0	16.0	13.0	13.0	10.0	24	24.0
9	16.0	21.0	24.0	19.0	24.0	24.0	26.0	22.0	21.0	16.0	3.0	3.0	4.0	5.0	6.0	6.0	6.0	8.0	10.0	19.0	33.0	39.0	22.0	6.0	24	39.0
10	6.0	13.0	17.0	27.0	28.0	30.0	32.0	30.0	31.0	26.0	16.0	14.0	11.0	7.0	9.0	10.0	9.0	8.0	8.0	12.0	12.0	13.0	12.0	13.0	24	32.0
11	19.0	11.0	10.0	10.0	17.0	26.0	39.0	32.0	30.0	30.0	21.0	17.0	BF	BF	12.0	8.0	7.0	7.0	9.0	12.0	17.0	23.0	9.0	11.0	22	39.0
12	11.0	6.0	4.0	4.0	3.0	4.0	5.0	5.0	5.0	4.0	4.0	4.0	4.0	4.0	3.0	2.0	3.0	4.0	4.0	3.0	3.0	3.0	2.0	3.0	24	11.0
13	2.0	2.0	3.0	2.0	3.0	4.0	8.0	9.0	4.0	3.0	4.0	4.0	3.0	3.0	3.0	2.0	3.0	3.0	6.0	13.0	15.0	16.0	16.0	14.0	24	16.0
14	22.0	31.0	29.0	32.0	31.0	31.0	33.0	35.0	25.0	9.0	5.0	5.0	4.0	4.0	4.0	4.0	3.0	3.0	4.0	7.0	7.0	7.0	6.0	4.0	24	35.0
15	4.0	5.0	6.0	6.0	7.0	7.0	11.0	14.0	12.0	8.0	7.0	6.0	5.0	5.0	5.0	5.0	4.0	4.0	7.0	11.0	16.0	31.0	42.0	40.0	24	42.0
16	38.0	37.0	31.0	28.0	32.0	23.0	19.0	11.0	11.0	11.0	14.0	12.0	8.0	4.0	4.0	3.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	2.0	24	38.0
17	2.0	3.0	3.0	2.0	3.0	4.0	4.0	5.0	5.0	4.0	6.0	6.0	7.0	6.0	8.0	7.0	7.0	6.0	7.0	7.0	6.0	6.0	5.0	5.0	24	8.0
18	4.0	4.0	4.0	4.0	4.0	5.0	8.0	9.0	7.0	7.0	8.0	10.0	7.0	7.0	7.0	6.0	7.0	8.0	8.0	8.0	9.0	6.0	4.0	4.0	24	10.0
19	4.0	6.0	5.0	4.0	4.0	7.0	13.0	11.0	10.0	7.0	7.0	9.0	8.0	8.0	10.0	6.0	7.0	5.0	7.0	12.0	14.0	12.0	12.0	13.0	24	14.0
20	13.0	13.0	11.0	11.0	16.0	18.0	20.0	17.0	21.0	8.0	5.0	5.0	5.0	4.0	5.0	5.0	5.0	5.0	8.0	17.0	22.0	30.0	30.0	21.0	24	30.0
21	12.0	16.0	9.0	11.0	27.0	32.0	34.0	37.0	32.0	15.0	9.0	BF	BF	BF	3.0	3.0	3.0	4.0	6.0	12.0	14.0	18.0	14.0	13.0	21	37.0
22	8.0	6.0	6.0	7.0	7.0	8.0	12.0	11.0	9.0	7.0	5.0	5.0	6.0	5.0	5.0	5.0	5.0	5.0	7.0	10.0	13.0	17.0	20.0	20.0	24	20.0
23	16.0	14.0	16.0	23.0	25.0	31.0	16.0	9.0	5.0	6.0	4.0	5.0	5.0	7.0	5.0	5.0	6.0	5.0	5.0	11.0	14.0	21.0	19.0	19.0	24	31.0
24	15.0	10.0	12.0	13.0	9.0	12.0	23.0	15.0	8.0	5.0	5.0	3.0	4.0	4.0	6.0	7.0	7.0	6.0	6.0	6.0	6.0	6.0	7.0	5.0	24	23.0
25	4.0	3.0	3.0	3.0	4.0	5.0	15.0	15.0	12.0	12.0	13.0	13.0	17.0	11.0	6.0	5.0	5.0	3.0	4.0	4.0	4.0	5.0	5.0	4.0	24	17.0
26	4.0	4.0	4.0	7.0	9.0	13.0	28.0	18.0	6.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.0	6.0	13.0	26.0	38.0	36.0	35.0	24	38.0
27	34.0	31.0	33.0	32.0	31.0	29.0	29.0	21.0	8.0	7.0	5.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0	9.0	8.0	19.0	6.0	4.0	3.0	24	34.0
28	3.0	3.0	3.0	4.0	5.0	6.0	7.0	6.0	5.0	5.0	3.0	3.0	4.0	6.0	11.0	14.0	14.0	12.0	8.0	8.0	10.0	10.0	12.0	10.0	24	14.0
29	9.0	4.0	2.0	2.0	1.0	1.0	1.0	3.0	2.0	2.0	3.0	3.0	3.0	2.0	3.0	3.0	2.0	3.0	2.0	3.0	2.0	3.0	3.0	4.0	24	9.0
30	3.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	2.0	2.0	4.0	7.0	19.0	24.0	25.0	24	25.0
31	28.0	30.0	32.0	27.0	25.0	31.0	37.0	35.0	36.0	18.0	8.0	8.0	9.0	8.0	7.0	7.0	8.0	9.0	12.0	21.0	37.0	43.0	36.0	26.0	24	43.0
NO.:	31	31	31	30	31	31	31	31	31	31	31	30	29	29	31	31	31	31	31	31	31	31	31	31		
MAX:	38.0	37.0	37.0	32.0	32.0	32.0	39.0	37.0	36.0	30.0	22.0	18.0	17.0	13.0	12.0	14.0	14.0	12.0	13.0	21.0	37.0	43.0	42.0	40.0		
AVG:	12.00	11.84	11.65	12.03	12.77	13.97	16.81	15.71	13.19	10.00	8.26	7.60	6.55	5.86	6.13	5.77	5.81	5.52	6.68	9.71	13.52	16.39	15.10	12.84		

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: 10.68 MONTHLY MAX: 43.0

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

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-119-0041 POC: 1
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: 10102-44-0
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: (074) INSTRUMENTAL CHEMILUMINESCENCE
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: APRIL 2014

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

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	28.0	29.0	31.0	22.0	17.0	22.0	31.0	35.0	28.0	31.0	BF	BF	9.0	6.0	5.0	4.0	4.0	4.0	6.0	10.0	18.0	11.0	8.0	9.0	22	35.0
2	8.0	6.0	6.0	5.0	6.0	15.0	26.0	25.0	19.0	17.0	9.0	6.0	5.0	5.0	5.0	5.0	5.0	4.0	4.0	6.0	9.0	10.0	11.0	7.0	24	26.0
3	6.0	6.0	5.0	5.0	6.0	9.0	18.0	30.0	23.0	23.0	15.0	12.0	9.0	7.0	5.0	4.0	4.0	3.0	4.0	4.0	6.0	5.0	4.0	3.0	24	30.0
4	3.0	4.0	4.0	4.0	3.0	6.0	10.0	10.0	7.0	5.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	4.0	4.0	5.0	5.0	3.0	3.0	3.0	24	10.0
5	4.0	3.0	3.0	3.0	4.0	8.0	11.0	9.0	5.0	6.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	4.0	7.0	10.0	6.0	6.0	6.0	3.0	24	11.0
6	2.0	3.0	4.0	2.0	2.0	2.0	4.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	24	4.0
7	2.0	2.0	2.0	3.0	3.0	4.0	6.0	5.0	11.0	11.0	8.0	6.0	6.0	BA	4.0	7.0	8.0	8.0	5.0	3.0	3.0	3.0	3.0	3.0	23	11.0
8	2.0	1.0	1.0	2.0	2.0	5.0	7.0	11.0	6.0	5.0	6.0	7.0	5.0	3.0	3.0	3.0	5.0	5.0	6.0	7.0	6.0	7.0	8.0	8.0	24	11.0
9	8.0	11.0	8.0	9.0	12.0	14.0	21.0	13.0	9.0	6.0	6.0	5.0	4.0	4.0	4.0	4.0	4.0	3.0	5.0	9.0	14.0	18.0	25.0	29.0	24	29.0
10	29.0	28.0	28.0	28.0	24.0	22.0	23.0	36.0	20.0	6.0	6.0	5.0	5.0	4.0	4.0	3.0	3.0	3.0	4.0	7.0	13.0	9.0	7.0	4.0	24	36.0
11	5.0	5.0	5.0	4.0	6.0	8.0	BA	BA	BA	5.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.0	5.0	8.0	8.0	8.0	21	8.0
12	6.0	5.0	5.0	5.0	6.0	8.0	10.0	9.0	12.0	17.0	9.0	5.0	4.0	4.0	3.0	3.0	3.0	3.0	4.0	6.0	10.0	8.0	5.0	4.0	24	17.0
13	2.0	2.0	3.0	3.0	3.0	4.0	5.0	4.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	4.0	5.0	3.0	2.0	2.0	24	5.0
14	2.0	2.0	2.0	1.0	2.0	2.0	3.0	4.0	4.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	2.0	2.0	1.0	24	4.0
15	2.0	1.0	1.0	1.0	1.0	2.0	4.0	5.0	3.0	2.0	3.0	2.0	2.0	2.0	4.0	9.0	6.0	4.0	4.0	4.0	4.0	7.0	3.0	2.0	24	9.0
16	3.0	3.0	4.0	4.0	8.0	8.0	11.0	8.0	5.0	4.0	4.0	4.0	3.0	2.0	3.0	2.0	2.0	2.0	3.0	6.0	8.0	10.0	8.0	5.0	24	11.0
17	4.0	6.0	7.0	5.0	7.0	9.0	17.0	11.0	5.0	4.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	4.0	7.0	11.0	19.0	6.0	6.0	24	19.0
18	15.0	9.0	4.0	3.0	2.0	5.0	9.0	5.0	4.0	5.0	7.0	6.0	6.0	7.0	7.0	7.0	10.0	10.0	12.0	11.0	9.0	9.0	6.0	6.0	24	15.0
19	5.0	6.0	4.0	3.0	3.0	3.0	5.0	4.0	5.0	4.0	5.0	5.0	5.0	5.0	5.0	7.0	8.0	7.0	6.0	6.0	5.0	4.0	4.0	4.0	24	8.0
20	4.0	4.0	3.0	4.0	5.0	3.0	5.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	3.0	7.0	6.0	8.0	7.0	6.0	24	8.0
21	4.0	6.0	5.0	4.0	7.0	11.0	11.0	12.0	9.0	7.0	6.0	7.0	7.0	6.0	6.0	5.0	4.0	6.0	12.0	12.0	16.0	14.0	19.0	15.0	24	19.0
22	11.0	11.0	10.0	10.0	11.0	15.0	19.0	23.0	30.0	22.0	7.0	6.0	4.0	5.0	7.0	9.0	10.0	11.0	10.0	10.0	13.0	11.0	10.0	9.0	24	30.0
23	8.0	8.0	9.0	11.0	7.0	15.0	22.0	16.0	BF	BF	BF	BF	BF	3.0	2.0	3.0	3.0	3.0	7.0	18.0	13.0	13.0	11.0	6.0	19	22.0
24	6.0	4.0	3.0	4.0	4.0	10.0	17.0	6.0	4.0	2.0	2.0	3.0	2.0	3.0	3.0	3.0	3.0	3.0	5.0	16.0	21.0	11.0	9.0	4.0	24	21.0
25	2.0	2.0	2.0	2.0	6.0	11.0	9.0	10.0	13.0	10.0	6.0	4.0	3.0	2.0	2.0	3.0	4.0	4.0	4.0	4.0	4.0	6.0	4.0	3.0	24	13.0
26	4.0	6.0	9.0	8.0	11.0	10.0	9.0	14.0	10.0	4.0	3.0	4.0	3.0	3.0	3.0	2.0	2.0	2.0	3.0	5.0	7.0	10.0	13.0	12.0	24	14.0
27	9.0	10.0	9.0	8.0	7.0	8.0	8.0	7.0	7.0	6.0	5.0	4.0	3.0	3.0	2.0	3.0	2.0	3.0	4.0	6.0	8.0	9.0	5.0	6.0	24	10.0
28	3.0	3.0	4.0	4.0	5.0	6.0	12.0	10.0	6.0	5.0	6.0	4.0	3.0	3.0	2.0	3.0	3.0	6.0	5.0	3.0	4.0	4.0	4.0	4.0	24	12.0
29	4.0	4.0	3.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	5.0	4.0	6.0	8.0	7.0	4.0	3.0	3.0	3.0	3.0	24	8.0
30	3.0	5.0	5.0	5.0	5.0	6.0	9.0	8.0	3.0	2.0	2.0	3.0	4.0	3.0	3.0	3.0	2.0	2.0	3.0	3.0	2.0	2.0	2.0	2.0	24	9.0
31																									0	
NO.:	30	30	30	30	30	30	29	29	28	29	28	28	29	29	30	30	30	30	30	30	30	30	30	30		
MAX:	29.0	29.0	31.0	28.0	24.0	22.0	31.0	36.0	30.0	31.0	15.0	12.0	9.0	7.0	7.0	9.0	10.0	11.0	12.0	18.0	21.0	19.0	25.0	29.0		
AVG:	6.47	6.50	6.30	5.83	6.27	8.47	11.93	11.76	9.32	7.69	5.11	4.39	4.03	3.62	3.57	3.87	4.00	4.20	5.10	6.77	8.00	7.83	6.93	5.97		

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: 6.40 MONTHLY MAX: 36.0

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.

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-119-0041 POC: 1
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: 10102-44-0
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: (074) INSTRUMENTAL CHEMILUMINESCENCE
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MAY 2014

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

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	2.0	2.0	2.0	2.0	3.0	5.0	6.0	4.0	3.0	BF	BF	BF	4.0	3.0	3.0	3.0	4.0	3.0	4.0	4.0	4.0	4.0	4.0	21	6.0
2	6.0	11.0	12.0	12.0	11.0	17.0	21.0	27.0	34.0	31.0	20.0	11.0	9.0	7.0	4.0	4.0	3.0	3.0	3.0	4.0	5.0	6.0	6.0	6.0	24	34.0
3	6.0	5.0	6.0	9.0	9.0	9.0	12.0	15.0	5.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	3.0	3.0	4.0	6.0	7.0	9.0	10.0	12.0	24	15.0
4	8.0	9.0	11.0	12.0	11.0	14.0	13.0	10.0	10.0	5.0	3.0	2.0	2.0	2.0	3.0	2.0	2.0	3.0	4.0	6.0	9.0	12.0	10.0	9.0	24	14.0
5	10.0	8.0	7.0	7.0	8.0	16.0	26.0	21.0	10.0	6.0	5.0	7.0	8.0	5.0	4.0	3.0	4.0	3.0	5.0	6.0	6.0	4.0	5.0	8.0	24	26.0
6	11.0	6.0	5.0	5.0	6.0	9.0	15.0	14.0	15.0	18.0	16.0	13.0	10.0	6.0	4.0	4.0	4.0	4.0	5.0	8.0	11.0	17.0	15.0	11.0	24	18.0
7	10.0	8.0	7.0	10.0	9.0	11.0	12.0	10.0	9.0	6.0	6.0	6.0	6.0	5.0	5.0	5.0	4.0	4.0	5.0	9.0	15.0	12.0	12.0	12.0	24	15.0
8	17.0	13.0	8.0	8.0	9.0	13.0	15.0	16.0	19.0	14.0	7.0	3.0	4.0	4.0	3.0	3.0	3.0	3.0	5.0	6.0	9.0	11.0	13.0	12.0	24	19.0
9	11.0	8.0	6.0	5.0	6.0	8.0	13.0	9.0	8.0	7.0	6.0	3.0	2.0	2.0	3.0	5.0	7.0	6.0	12.0	18.0	18.0	16.0	11.0	11.0	24	18.0
10	9.0	6.0	5.0	9.0	8.0	6.0	6.0	8.0	6.0	4.0	5.0	4.0	3.0	2.0	4.0	3.0	3.0	5.0	6.0	3.0	7.0	9.0	9.0	8.0	24	9.0
11	6.0	7.0	5.0	4.0	3.0	4.0	3.0	6.0	5.0	5.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	6.0	13.0	20.0	17.0	16.0	24	20.0
12	19.0	19.0	14.0	11.0	9.0	9.0	11.0	AZ	AZ	AZ	AZ	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	6.0	15.0	31.0	28.0	13.0	20	31.0
13	6.0	5.0	5.0	5.0	5.0	8.0	10.0	9.0	6.0	5.0	BF	BF	BF	BF	2.0	2.0	3.0	3.0	3.0	5.0	7.0	6.0	4.0	4.0	20	10.0
14	4.0	5.0	4.0	5.0	5.0	7.0	7.0	6.0	4.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	2.0	2.0	1.0	1.0	24	7.0
15	1.0	1.0	1.0	1.0	1.0	3.0	2.0	4.0	4.0	5.0	3.0	3.0	2.0	3.0	3.0	4.0	4.0	3.0	3.0	4.0	7.0	5.0	14.0	7.0	24	14.0
16	5.0	4.0	3.0	3.0	7.0	10.0	9.0	6.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	4.0	4.0	4.0	7.0	9.0	6.0	4.0	4.0	24	10.0
17	4.0	6.0	7.0	9.0	10.0	12.0	12.0	10.0	6.0	4.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	4.0	6.0	9.0	9.0	8.0	24	12.0
18	9.0	8.0	5.0	4.0	4.0	4.0	5.0	5.0	6.0	5.0	4.0	4.0	3.0	2.0	3.0	3.0	3.0	3.0	4.0	5.0	7.0	7.0	7.0	9.0	24	9.0
19	10.0	10.0	11.0	11.0	8.0	10.0	17.0	13.0	9.0	3.0	BA	BD	BD	3.0	3.0	3.0	3.0	4.0	5.0	6.0	9.0	16.0	15.0	11.0	21	17.0
20	7.0	BD	5.0	4.0	5.0	8.0	12.0	9.0	6.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	3.0	2.0	3.0	4.0	5.0	6.0	5.0	5.0	23	12.0
21	5.0	BD	4.0	4.0	5.0	8.0	11.0	9.0	7.0	7.0	6.0	4.0	3.0	3.0	4.0	3.0	3.0	3.0	3.0	4.0	5.0	4.0	8.0	10.0	23	11.0
22	7.0	BD	4.0	6.0	5.0	8.0	13.0	14.0	8.0	11.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	4.0	9.0	11.0	14.0	20.0	21.0	23	21.0
23	20.0	BD	18.0	17.0	16.0	20.0	22.0	24.0	10.0	4.0	4.0	5.0	3.0	3.0	3.0	4.0	3.0	3.0	4.0	8.0	17.0	15.0	10.0	4.0	23	24.0
24	3.0	BD	3.0	2.0	3.0	3.0	6.0	4.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	4.0	7.0	13.0	13.0	18.0	16.0	23	18.0
25	11.0	BD	4.0	3.0	3.0	4.0	9.0	8.0	5.0	5.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	4.0	7.0	7.0	7.0	7.0	5.0	23	11.0
26	3.0	BD	4.0	5.0	4.0	5.0	6.0	5.0	4.0	4.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	4.0	9.0	9.0	5.0	4.0	23	9.0
27	3.0	BD	2.0	2.0	2.0	5.0	6.0	7.0	10.0	9.0	10.0	5.0	4.0	3.0	5.0	6.0	9.0	7.0	8.0	6.0	10.0	17.0	20.0	20.0	23	20.0
28	21.0	BD	10.0	10.0	10.0	12.0	14.0	19.0	21.0	11.0	6.0	6.0	6.0	6.0	4.0	6.0	5.0	4.0	4.0	6.0	7.0	12.0	15.0	11.0	23	21.0
29	7.0	BD	12.0	11.0	11.0	15.0	14.0	22.0	14.0	9.0	8.0	5.0	4.0	4.0	4.0	3.0	4.0	4.0	5.0	6.0	6.0	6.0	4.0	4.0	23	22.0
30	3.0	BD	6.0	8.0	7.0	11.0	12.0	8.0	6.0	5.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	4.0	5.0	5.0	10.0	12.0	7.0	3.0	23	12.0
31	2.0	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	2.0	2.0	2.0	5.0	6.0	7.0	7.0	3.0	23	7.0
NO.:	31	19	31	31	31	31	31	30	30	30	27	28	28	30	31	31	31	31	31	31	31	31	31	31		
MAX:	21.0	19.0	18.0	17.0	16.0	20.0	26.0	27.0	34.0	31.0	20.0	13.0	10.0	7.0	5.0	6.0	9.0	7.0	12.0	18.0	18.0	31.0	28.0	21.0		
AVG:	7.94	7.42	6.39	6.65	6.58	8.84	11.00	10.87	8.67	6.73	5.33	4.18	3.68	3.27	3.06	3.03	3.32	3.39	4.29	6.03	8.77	10.45	10.32	8.77		

MONTHLY OBSERVATIONS: 718 MONTHLY MEAN: 6.64 MONTHLY MAX: 34.0

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.

(42602) Nitrogen dioxide (NO2)

CAS NUMBER: 10102-44-0

SITE ID: 37-119-0041 POC: 1
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: (074) INSTRUMENTAL CHEMILUMINESCENCE
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JUNE 2014

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	3.0	BD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	7.0	7.0	6.0	5.0	6.0	23	7.0
2	5.0	BD	3.0	3.0	3.0	6.0	14.0	8.0	4.0	4.0	5.0	3.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	4.0	7.0	9.0	10.0	10.0	23	14.0
3	10.0	BD	11.0	10.0	11.0	11.0	15.0	14.0	8.0	6.0	8.0	7.0	4.0	4.0	4.0	4.0	4.0	3.0	5.0	5.0	11.0	14.0	18.0	21.0	23	21.0
4	23.0	BD	23.0	19.0	19.0	16.0	15.0	21.0	16.0	11.0	8.0	9.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	5.0	6.0	7.0	5.0	4.0	23	23.0
5	3.0	BD	2.0	3.0	3.0	5.0	6.0	6.0	9.0	14.0	5.0	4.0	4.0	3.0	3.0	4.0	4.0	4.0	4.0	5.0	5.0	8.0	8.0	10.0	23	14.0
6	8.0	BD	5.0	5.0	5.0	9.0	12.0	8.0	7.0	7.0	4.0	4.0	4.0	3.0	4.0	4.0	4.0	4.0	4.0	4.0	7.0	6.0	4.0	3.0	23	12.0
7	3.0	BD	2.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	4.0	8.0	8.0	3.0	2.0	23	8.0
8	2.0	BD	3.0	3.0	2.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	23	3.0
9	2.0	BD	3.0	3.0	3.0	8.0	7.0	6.0	7.0	4.0	5.0	5.0	5.0	4.0	4.0	3.0	3.0	3.0	3.0	5.0	11.0	13.0	5.0	5.0	23	13.0
10	6.0	BD	7.0	6.0	6.0	7.0	8.0	13.0	12.0	7.0	7.0	10.0	3.0	3.0	2.0	2.0	3.0	4.0	8.0	13.0	19.0	17.0	19.0	19.0	23	19.0
11	16.0	BD	2.0	5.0	10.0	10.0	10.0	10.0	6.0	5.0	4.0	4.0	3.0	3.0	2.0	2.0	10.0	4.0	6.0	5.0	3.0	4.0	4.0	4.0	23	16.0
12	4.0	BD	3.0	4.0	3.0	5.0	6.0	5.0	5.0	9.0	7.0	4.0	4.0	3.0	3.0	3.0	6.0	9.0	10.0	10.0	11.0	12.0	9.0	10.0	23	12.0
13	8.0	BD	4.0	4.0	4.0	7.0	12.0	13.0	12.0	9.0	6.0	4.0	4.0	5.0	4.0	7.0	5.0	3.0	4.0	5.0	8.0	12.0	12.0	14.0	23	14.0
14	13.0	BD	9.0	11.0	9.0	6.0	7.0	8.0	7.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	6.0	8.0	13.0	15.0	10.0	23	15.0
15	8.0	BD	6.0	6.0	5.0	6.0	7.0	6.0	5.0	4.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	5.0	9.0	14.0	8.0	4.0	23	14.0
16	3.0	BD	3.0	3.0	4.0	6.0	10.0	16.0	12.0	10.0	8.0	8.0	9.0	7.0	6.0	6.0	8.0	8.0	9.0	9.0	16.0	19.0	21.0	18.0	23	21.0
17	16.0	BD	6.0	6.0	5.0	7.0	10.0	12.0	9.0	9.0	7.0	12.0	8.0	4.0	3.0	3.0	3.0	2.0	3.0	5.0	6.0	3.0	3.0	4.0	23	16.0
18	4.0	BD	5.0	4.0	4.0	7.0	9.0	16.0	23.0	9.0	7.0	4.0	4.0	4.0	4.0	3.0	3.0	7.0	9.0	10.0	11.0	11.0	10.0	10.0	23	23.0
19	10.0	BD	10.0	8.0	7.0	9.0	10.0	9.0	11.0	20.0	21.0	15.0	7.0	4.0	BA	4.0	5.0	9.0	13.0	6.0	8.0	6.0	11.0	9.0	22	21.0
20	7.0	BD	7.0	10.0	13.0	17.0	18.0	15.0	8.0	8.0	4.0	4.0	4.0	3.0	4.0	4.0	9.0	8.0	11.0	15.0	13.0	8.0	10.0	10.0	23	18.0
21	16.0	BD	15.0	18.0	15.0	15.0	13.0	14.0	11.0	8.0	6.0	4.0	3.0	3.0	6.0	7.0	4.0	4.0	5.0	6.0	10.0	16.0	21.0	22.0	23	22.0
22	21.0	BD	7.0	5.0	3.0	3.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	3.0	4.0	6.0	4.0	2.0	23	21.0
23	2.0	BD	2.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	4.0	4.0	4.0	5.0	8.0	5.0	4.0	23	8.0
24	3.0	BD	2.0	2.0	3.0	6.0	5.0	4.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	5.0	5.0	4.0	23	6.0
25	4.0	BD	4.0	4.0	4.0	4.0	5.0	5.0	4.0	4.0	4.0	4.0	5.0	5.0	5.0	5.0	7.0	5.0	5.0	7.0	13.0	14.0	12.0	11.0	23	14.0
26	7.0	BD	10.0	9.0	11.0	13.0	12.0	18.0	13.0	5.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	6.0	5.0	9.0	17.0	22.0	27.0	25.0	23	27.0
27	21.0	BD	9.0	9.0	10.0	9.0	9.0	8.0	6.0	5.0	6.0	6.0	4.0	4.0	4.0	4.0	4.0	3.0	2.0	5.0	3.0	3.0	5.0	9.0	23	21.0
28	10.0	BD	3.0	3.0	3.0	3.0	4.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	4.0	3.0	3.0	3.0	2.0	4.0	23	10.0
29	5.0	BD	2.0	2.0	2.0	1.0	1.0	1.0	2.0	3.0	2.0	2.0	2.0	2.0	3.0	2.0	1.0	2.0	3.0	5.0	9.0	12.0	16.0	11.0	23	16.0
30	10.0	BD	7.0	7.0	8.0	7.0	9.0	12.0	12.0	10.0	9.0	5.0	6.0	9.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	23	12.0
31																									0	
NO.:	30		30	30	30	30	30	30	30	30	30	30	30	30	29	30	30	30	30	30	30	30	30	30		
MAX:	23.0		23.0	19.0	19.0	17.0	18.0	21.0	23.0	20.0	21.0	15.0	9.0	9.0	6.0	7.0	10.0	9.0	13.0	15.0	19.0	22.0	27.0	25.0		
AVG:	8.43		5.90	5.93	6.03	7.13	8.30	8.87	7.63	6.47	5.30	4.80	3.77	3.40	3.21	3.30	3.80	3.97	4.77	5.90	8.17	9.43	9.37	8.97		

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: 6.21 MONTHLY MAX: 27.0

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

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-119-0041 POC: 1
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: 10102-44-0
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: (074) INSTRUMENTAL CHEMILUMINESCENCE
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JULY 2014

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	3.0	BD	3.0	3.0	5.0	5.0	6.0	7.0	8.0	7.0	6.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	23	8.0
2	3.0	BD	4.0	4.0	4.0	6.0	6.0	6.0	7.0	6.0	6.0	4.0	4.0	3.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	3.0	23	7.0
3	2.0	BD	2.0	2.0	3.0	5.0	10.0	5.0	5.0	4.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	5.0	7.0	7.0	4.0	3.0	23	10.0
4	3.0	BD	3.0	3.0	3.0	4.0	6.0	4.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	5.0	13.0	9.0	6.0	3.0	23	13.0
5	2.0	BD	3.0	3.0	2.0	4.0	4.0	4.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	14.0	15.0	19.0	19.0	23	19.0
6	16.0	BD	9.0	7.0	6.0	6.0	8.0	8.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	4.0	6.0	23	16.0
7	4.0	BD	3.0	3.0	4.0	6.0	8.0	7.0	4.0	4.0	4.0	4.0	3.0	3.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	3.0	3.0	4.0	23	8.0
8	4.0	BD	3.0	4.0	5.0	5.0	7.0	8.0	5.0	4.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	4.0	5.0	8.0	11.0	4.0	23	11.0
9	6.0	BD	5.0	3.0	4.0	5.0	7.0	9.0	8.0	6.0	5.0	5.0	7.0	9.0	4.0	3.0	5.0	5.0	5.0	7.0	8.0	8.0	8.0	5.0	23	9.0
10	7.0	BD	3.0	3.0	4.0	9.0	9.0	10.0	17.0	19.0	11.0	7.0	12.0	13.0	9.0	12.0	12.0	8.0	7.0	11.0	12.0	10.0	5.0	3.0	23	19.0
11	2.0	BD	2.0	7.0	6.0	6.0	7.0	6.0	6.0	4.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	4.0	4.0	4.0	4.0	4.0	23	7.0
12	4.0	BD	6.0	6.0	5.0	5.0	10.0	7.0	4.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	2.0	2.0	3.0	5.0	7.0	11.0	7.0	23	11.0
13	3.0	BD	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	3.0	3.0	5.0	6.0	4.0	3.0	23	6.0
14	3.0	BD	3.0	3.0	3.0	4.0	6.0	7.0	6.0	5.0	4.0	4.0	3.0	3.0	2.0	2.0	3.0	4.0	9.0	17.0	7.0	6.0	7.0	5.0	23	17.0
15	4.0	BD	3.0	3.0	3.0	4.0	7.0	8.0	7.0	4.0	4.0	3.0	2.0	2.0	2.0	3.0	4.0	5.0	5.0	6.0	5.0	3.0	3.0	5.0	23	8.0
16	8.0	BD	6.0	7.0	8.0	8.0	9.0	9.0	6.0	5.0	4.0	3.0	3.0	3.0	2.0	3.0	3.0	3.0	4.0	9.0	19.0	27.0	15.0	5.0	23	27.0
17	6.0	BD	5.0	5.0	6.0	8.0	13.0	12.0	11.0	5.0	4.0	3.0	2.0	2.0	2.0	2.0	3.0	3.0	4.0	10.0	16.0	19.0	16.0	10.0	23	19.0
18	7.0	BD	4.0	4.0	5.0	6.0	10.0	8.0	5.0	3.0	3.0	4.0	3.0	4.0	12.0	11.0	11.0	7.0	6.0	6.0	7.0	5.0	6.0	5.0	23	12.0
19	4.0	BD	4.0	3.0	3.0	3.0	4.0	5.0	5.0	4.0	3.0	3.0	7.0	4.0	5.0	7.0	6.0	6.0	8.0	7.0	5.0	7.0	6.0	6.0	23	8.0
20	5.0	BD	4.0	4.0	3.0	5.0	3.0	3.0	4.0	3.0	3.0	3.0	3.0	2.0	3.0	2.0	2.0	2.0	2.0	4.0	3.0	3.0	2.0	2.0	23	5.0
21	1.0	BD	1.0	1.0	2.0	4.0	6.0	7.0	8.0	9.0	10.0	8.0	7.0	6.0	8.0	6.0	4.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0	23	10.0
22	1.0	BD	2.0	1.0	1.0	3.0	4.0	4.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	5.0	3.0	3.0	9.0	11.0	9.0	11.0	13.0	23	13.0
23	11.0	BD	8.0	8.0	8.0	8.0	7.0	14.0	18.0	17.0	12.0	8.0	6.0	4.0	3.0	3.0	2.0	2.0	2.0	5.0	11.0	8.0	11.0	12.0	23	18.0
24	13.0	BD	8.0	6.0	5.0	5.0	7.0	10.0	11.0	11.0	10.0	7.0	5.0	7.0	3.0	4.0	4.0	4.0	5.0	6.0	13.0	10.0	12.0	5.0	23	13.0
25	2.0	BD	3.0	3.0	3.0	4.0	4.0	4.0	3.0	4.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	5.0	8.0	9.0	5.0	5.0	23	9.0
26	7.0	BD	5.0	4.0	5.0	5.0	6.0	8.0	5.0	6.0	6.0	4.0	3.0	3.0	2.0	2.0	2.0	2.0	3.0	5.0	9.0	11.0	12.0	10.0	23	12.0
27	10.0	BD	7.0	11.0	11.0	6.0	4.0	6.0	6.0	5.0	5.0	4.0	3.0	2.0	2.0	2.0	2.0	3.0	5.0	4.0	11.0	5.0	5.0	3.0	23	11.0
28	3.0	BD	2.0	3.0	10.0	10.0	7.0	17.0	14.0	15.0	6.0	3.0	3.0	3.0	3.0	3.0	2.0	3.0	6.0	6.0	12.0	26.0	8.0	6.0	23	26.0
29	6.0	BD	4.0	4.0	6.0	8.0	15.0	13.0	6.0	5.0	3.0	2.0	3.0	4.0	6.0	4.0	4.0	4.0	4.0	7.0	14.0	21.0	25.0	24.0	23	25.0
30	5.0	BD	3.0	3.0	4.0	6.0	9.0	AZ	AZ	AZ	AZ	4.0	3.0	3.0	3.0	3.0	4.0	5.0	6.0	10.0	15.0	13.0	7.0	5.0	19	15.0
31	5.0	BD	7.0	5.0	5.0	5.0	9.0	7.0	6.0	4.0	3.0	3.0	2.0	3.0	6.0	5.0	5.0	5.0	8.0	5.0	3.0	3.0	3.0	4.0	23	9.0
NO.:	31		31	31	31	31	31	30	30	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	16.0		9.0	11.0	11.0	10.0	15.0	17.0	18.0	19.0	12.0	8.0	12.0	13.0	12.0	12.0	12.0	8.0	9.0	17.0	19.0	27.0	25.0	24.0		
AVG:	5.16		4.16	4.19	4.71	5.55	7.16	7.57	6.70	5.87	4.60	3.61	3.48	3.42	3.42	3.39	3.52	3.29	4.03	5.77	8.23	8.84	7.74	6.23		

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: 5.24 MONTHLY MAX: 27.0

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

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-119-0041 POC: 1
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: 10102-44-0
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: (074) INSTRUMENTAL CHEMILUMINESCENCE
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: AUGUST 2014

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	3.0	BD	3.0	2.0	3.0	3.0	6.0	3.0	3.0	2.0	3.0	3.0	3.0	4.0	6.0	8.0	8.0	7.0	6.0	5.0	5.0	3.0	2.0	1.0	23	8.0
2	1.0	BD	2.0	2.0	3.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	4.0	3.0	3.0	3.0	3.0	4.0	3.0	4.0	4.0	4.0	3.0	3.0	23	4.0
3	3.0	BD	4.0	5.0	5.0	5.0	4.0	6.0	4.0	4.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	2.0	3.0	3.0	4.0	4.0	4.0	23	6.0
4	5.0	BD	3.0	4.0	2.0	5.0	7.0	7.0	4.0	4.0	4.0	3.0	2.0	2.0	2.0	1.0	1.0	1.0	3.0	4.0	6.0	8.0	5.0	4.0	23	8.0
5	3.0	3.0	3.0	4.0	7.0	13.0	17.0	BF	BF	BC	BC	BC	BC	3.0	4.0	4.0	4.0	4.0	7.0	9.0	13.0	15.0	15.0	21.0	18	21.0
6	18.0	BD	6.0	7.0	9.0	13.0	16.0	17.0	16.0	10.0	6.0	4.0	3.0	5.0	4.0	5.0	5.0	4.0	5.0	6.0	10.0	14.0	16.0	15.0	23	18.0
7	18.0	BD	17.0	15.0	12.0	18.0	14.0	8.0	5.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	4.0	5.0	12.0	20.0	16.0	8.0	7.0	23	20.0
8	4.0	BD	4.0	3.0	3.0	6.0	7.0	4.0	4.0	3.0	3.0	3.0	2.0	3.0	3.0	2.0	2.0	3.0	5.0	5.0	7.0	6.0	4.0	3.0	23	7.0
9	3.0	BD	3.0	3.0	2.0	3.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	4.0
10	2.0	BD	2.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	2.0	4.0	3.0	2.0	2.0	23	4.0
11	1.0	BD	1.0	1.0	2.0	3.0	4.0	5.0	4.0	4.0	3.0	3.0	2.0	2.0	2.0	2.0	3.0	4.0	3.0	2.0	2.0	1.0	1.0	1.0	23	5.0
12	1.0	BD	1.0	1.0	1.0	2.0	3.0	3.0	4.0	4.0	4.0	3.0	3.0	3.0	2.0	3.0	3.0	4.0	4.0	2.0	2.0	2.0	3.0	5.0	23	5.0
13	5.0	BD	6.0	5.0	5.0	6.0	10.0	11.0	9.0	5.0	6.0	3.0	4.0	3.0	2.0	3.0	3.0	4.0	4.0	8.0	13.0	13.0	9.0	5.0	23	13.0
14	6.0	BD	4.0	5.0	9.0	12.0	15.0	15.0	11.0	6.0	3.0	2.0	2.0	2.0	3.0	3.0	5.0	4.0	5.0	8.0	13.0	16.0	14.0	18.0	23	18.0
15	16.0	BD	12.0	10.0	15.0	14.0	13.0	18.0	20.0	13.0	7.0	4.0	4.0	3.0	3.0	4.0	3.0	3.0	4.0	6.0	10.0	20.0	21.0	21.0	23	21.0
16	12.0	BD	5.0	5.0	9.0	12.0	11.0	7.0	6.0	7.0	7.0	5.0	5.0	4.0	3.0	4.0	4.0	4.0	6.0	7.0	8.0	10.0	10.0	9.0	23	12.0
17	10.0	BD	9.0	8.0	7.0	6.0	6.0	8.0	6.0	3.0	4.0	6.0	5.0	4.0	2.0	3.0	2.0	3.0	4.0	6.0	11.0	22.0	22.0	19.0	23	22.0
18	13.0	BD	6.0	7.0	8.0	9.0	11.0	13.0	12.0	9.0	7.0	5.0	4.0	3.0	3.0	2.0	2.0	2.0	3.0	4.0	9.0	24.0	6.0	9.0	23	24.0
19	8.0	BD	8.0	7.0	8.0	9.0	12.0	14.0	16.0	14.0	10.0	10.0	5.0	5.0	4.0	5.0	9.0	8.0	8.0	8.0	12.0	11.0	11.0	11.0	23	16.0
20	10.0	BD	13.0	13.0	9.0	8.0	7.0	11.0	8.0	6.0	5.0	4.0	3.0	5.0	4.0	5.0	7.0	6.0	6.0	8.0	11.0	17.0	15.0	5.0	23	17.0
21	4.0	BD	16.0	13.0	12.0	12.0	16.0	18.0	12.0	6.0	4.0	4.0	4.0	3.0	2.0	3.0	3.0	3.0	6.0	14.0	25.0	30.0	22.0	17.0	23	30.0
22	16.0	BD	12.0	10.0	9.0	11.0	13.0	22.0	20.0	7.0	4.0	4.0	3.0	3.0	3.0	4.0	5.0	5.0	7.0	14.0	10.0	9.0	5.0	2.0	23	22.0
23	3.0	BD	8.0	8.0	10.0	11.0	13.0	9.0	8.0	6.0	4.0	4.0	3.0	2.0	2.0	2.0	3.0	2.0	5.0	9.0	5.0	2.0	2.0	2.0	23	13.0
24	2.0	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	2.0	2.0	3.0	4.0	3.0	2.0	2.0	23	4.0
25	3.0	BD	7.0	5.0	5.0	11.0	9.0	7.0	5.0	4.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	3.0	4.0	7.0	5.0	4.0	5.0	23	11.0
26	4.0	BD	9.0	9.0	11.0	9.0	9.0	8.0	6.0	4.0	3.0	4.0	3.0	3.0	3.0	3.0	3.0	2.0	3.0	6.0	9.0	9.0	17.0	18.0	23	18.0
27	14.0	BD	6.0	5.0	5.0	11.0	12.0	12.0	11.0	6.0	3.0	3.0	3.0	3.0	2.0	2.0	5.0	7.0	10.0	16.0	22.0	21.0	32.0	32.0	23	32.0
28	28.0	BD	26.0	27.0	22.0	20.0	18.0	25.0	26.0	15.0	8.0	8.0	6.0	5.0	5.0	5.0	4.0	4.0	7.0	11.0	23.0	36.0	38.0	31.0	23	38.0
29	28.0	BD	12.0	9.0	8.0	10.0	18.0	19.0	7.0	5.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.0	3.0	23	28.0
30	4.0	BD	3.0	3.0	4.0	6.0	7.0	4.0	4.0	4.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	4.0	10.0	9.0	4.0	2.0	2.0	23	10.0
31	1.0	BD	2.0	2.0	2.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	3.0	4.0	3.0	3.0	3.0	3.0	23	4.0
NO.:	31	1	31	31	31	31	31	30	30	30	30	30	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:	28.0	3.0	26.0	27.0	22.0	20.0	18.0	25.0	26.0	15.0	10.0	10.0	6.0	5.0	6.0	8.0	9.0	8.0	10.0	16.0	25.0	36.0	38.0	32.0		
AVG:	8.03	3.00	6.90	6.45	6.74	8.23	9.35	9.53	8.07	5.53	4.17	3.67	3.17	3.03	2.84	3.10	3.39	3.52	4.48	6.61	9.19	10.84	9.81	9.10		

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: 6.34 MONTHLY MAX: 38.0

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.

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-119-0041 POC: 1
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: 10102-44-0
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: (074) INSTRUMENTAL CHEMILUMINESCENCE
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: SEPTEMBER 2014

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	3.0	BD	4.0	3.0	3.0	3.0	9.0	8.0	7.0	6.0	9.0	8.0	3.0	2.0	4.0	3.0	5.0	5.0	5.0	9.0	9.0	7.0	6.0	6.0	23	9.0
2	6.0	BD	4.0	4.0	4.0	6.0	10.0	15.0	19.0	12.0	7.0	7.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	4.0	13.0	4.0	23	19.0
3	3.0	BD	4.0	4.0	6.0	7.0	10.0	14.0	11.0	13.0	8.0	5.0	3.0	3.0	3.0	2.0	2.0	3.0	2.0	4.0	5.0	3.0	3.0	3.0	23	14.0
4	3.0	BD	3.0	3.0	4.0	8.0	11.0	7.0	7.0	6.0	6.0	5.0	3.0	4.0	3.0	8.0	14.0	16.0	13.0	11.0	12.0	10.0	10.0	10.0	23	16.0
5	10.0	BD	5.0	5.0	6.0	7.0	6.0	7.0	7.0	6.0	5.0	6.0	3.0	3.0	3.0	2.0	3.0	5.0	8.0	7.0	6.0	3.0	3.0	3.0	23	10.0
6	3.0	BD	5.0	5.0	4.0	4.0	6.0	5.0	4.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	6.0	11.0	9.0	7.0	8.0	8.0	23	11.0
7	8.0	BD	8.0	4.0	4.0	3.0	4.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	1.0	1.0	1.0	23	8.0
8	1.0	BD	1.0	1.0	2.0	3.0	4.0	4.0	6.0	6.0	5.0	5.0	6.0	BA	BA	4.0	4.0	4.0	6.0	6.0	3.0	3.0	3.0	3.0	21	6.0
9	2.0	BD	2.0	2.0	2.0	3.0	7.0	5.0	6.0	5.0	4.0	4.0	5.0	4.0	4.0	5.0	4.0	4.0	7.0	10.0	10.0	11.0	11.0	3.0	23	11.0
10	3.0	BD	8.0	6.0	6.0	10.0	13.0	12.0	6.0	5.0	6.0	5.0	3.0	3.0	4.0	4.0	4.0	4.0	7.0	9.0	11.0	10.0	11.0	9.0	23	13.0
11	6.0	BD	4.0	4.0	4.0	5.0	8.0	10.0	8.0	4.0	3.0	3.0	3.0	2.0	2.0	3.0	3.0	4.0	5.0	7.0	8.0	10.0	16.0	15.0	23	16.0
12	12.0	BD	8.0	7.0	6.0	8.0	7.0	13.0	10.0	7.0	5.0	4.0	3.0	4.0	3.0	4.0	4.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	23	13.0
13	2.0	BD	2.0	2.0	2.0	2.0	3.0	3.0	3.0	4.0	7.0	7.0	5.0	3.0	3.0	3.0	5.0	6.0	5.0	5.0	4.0	4.0	5.0	4.0	23	7.0
14	3.0	BD	3.0	3.0	3.0	3.0	4.0	4.0	3.0	3.0	2.0	2.0	2.0	2.0	3.0	2.0	3.0	3.0	3.0	4.0	4.0	3.0	3.0	4.0	23	4.0
15	3.0	BD	2.0	2.0	3.0	4.0	10.0	9.0	6.0	4.0	4.0	5.0	4.0	4.0	5.0	6.0	5.0	5.0	6.0	7.0	5.0	5.0	6.0	4.0	23	10.0
16	3.0	BD	2.0	2.0	3.0	4.0	7.0	7.0	8.0	9.0	7.0	5.0	5.0	4.0	4.0	4.0	8.0	4.0	4.0	6.0	5.0	4.0	3.0	3.0	23	9.0
17	1.0	BD	7.0	5.0	5.0	6.0	7.0	8.0	6.0	4.0	4.0	4.0	4.0	4.0	5.0	8.0	7.0	5.0	8.0	13.0	22.0	22.0	14.0	9.0	23	22.0
18	8.0	BD	8.0	4.0	4.0	8.0	6.0	4.0	4.0	4.0	4.0	3.0	3.0	4.0	2.0	3.0	6.0	8.0	11.0	11.0	9.0	3.0	1.0	1.0	23	11.0
19	2.0	BD	1.0	1.0	2.0	5.0	11.0	8.0	4.0	3.0	3.0	2.0	2.0	3.0	3.0	2.0	2.0	3.0	5.0	5.0	6.0	5.0	5.0	6.0	23	11.0
20	4.0	BD	2.0	2.0	8.0	6.0	8.0	8.0	5.0	4.0	4.0	3.0	3.0	2.0	2.0	2.0	3.0	5.0	11.0	15.0	12.0	18.0	14.0	13.0	23	18.0
21	8.0	BD	9.0	8.0	7.0	10.0	7.0	5.0	6.0	5.0	5.0	3.0	3.0	4.0	2.0	2.0	2.0	3.0	5.0	7.0	6.0	4.0	5.0	6.0	23	10.0
22	6.0	BD	2.0	2.0	4.0	6.0	11.0	12.0	7.0	6.0	4.0	3.0	3.0	3.0	4.0	4.0	6.0	7.0	9.0	14.0	13.0	10.0	16.0	14.0	23	16.0
23	4.0	BD	3.0	3.0	4.0	6.0	9.0	8.0	5.0	5.0	4.0	5.0	4.0	6.0	9.0	9.0	7.0	8.0	12.0	9.0	9.0	11.0	9.0	6.0	23	12.0
24	5.0	BD	5.0	5.0	5.0	7.0	8.0	8.0	11.0	6.0	6.0	6.0	4.0	4.0	6.0	5.0	5.0	5.0	6.0	5.0	4.0	3.0	3.0	3.0	23	11.0
25	3.0	BD	3.0	3.0	3.0	6.0	7.0	7.0	6.0	5.0	4.0	5.0	5.0	4.0	4.0	5.0	5.0	4.0	5.0	8.0	10.0	6.0	3.0	3.0	23	10.0
26	2.0	BD	1.0	2.0	3.0	3.0	6.0	8.0	5.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.0	6.0	10.0	14.0	12.0	8.0	8.0	11.0	23	14.0
27	9.0	BD	7.0	7.0	8.0	8.0	9.0	5.0	4.0	4.0	3.0	3.0	3.0	2.0	2.0	4.0	3.0	5.0	8.0	16.0	17.0	11.0	11.0	10.0	23	17.0
28	8.0	BD	9.0	8.0	5.0	5.0	5.0	6.0	5.0	4.0	3.0	2.0	2.0	2.0	2.0	2.0	4.0	5.0	10.0	16.0	21.0	17.0	17.0	17.0	23	21.0
29	17.0	BD	9.0	9.0	10.0	11.0	16.0	17.0	18.0	16.0	13.0	12.0	10.0	10.0	11.0	11.0	7.0	9.0	10.0	10.0	10.0	9.0	8.0	7.0	23	18.0
30	6.0	BD	7.0	5.0	10.0	11.0	11.0	13.0	13.0	12.0	12.0	9.0	5.0	4.0	4.0	3.0	4.0	5.0	5.0	20.0	22.0	21.0	19.0	16.0	23	22.0
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:	17.0		9.0	9.0	10.0	11.0	16.0	17.0	19.0	16.0	13.0	12.0	10.0	10.0	11.0	11.0	14.0	16.0	13.0	20.0	22.0	22.0	19.0	17.0		
AVG:	5.13		4.60	4.03	4.67	5.93	8.00	8.10	7.10	5.90	5.20	4.60	3.63	3.45	3.66	3.97	4.50	5.00	6.60	8.87	9.03	7.83	7.90	6.80		

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: 5.85 MONTHLY MAX: 22.0

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.

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-119-0041 POC: 1
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: 10102-44-0
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: (074) INSTRUMENTAL CHEMILUMINESCENCE
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: OCTOBER 2014

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

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	12.4	BD	7.3	6.0	5.9	7.5	6.3	14.8	22.6	17.4	12.6	11.6	7.5	4.4	4.6	6.2	9.2	9.2	13.9	21.3	18.3	10.9	4.1	3.5	23	22.6
2	4.0	BD	4.3	5.4	4.8	5.9	7.9	11.0	17.1	16.1	17.7	9.2	5.0	3.2	4.0	3.1	3.6	6.1	8.2	13.8	15.2	9.8	9.8	9.7	23	17.7
3	7.2	BD	4.8	4.2	4.8	6.2	11.7	10.5	6.5	3.6	2.7	2.5	3.0	2.9	3.9	3.5	2.9	3.0	2.7	3.4	3.0	3.2	3.6	2.3	23	11.7
4	2.9	BD	3.3	4.8	5.7	9.3	9.8	4.9	3.0	2.1	2.8	2.3	1.8	1.5	1.8	1.6	2.4	3.4	3.3	3.5	3.5	4.9	5.6	5.7	23	9.8
5	5.4	BD	11.4	9.9	10.1	8.7	7.2	7.7	7.4	3.3	2.5	1.9	1.6	1.6	1.4	1.5	1.7	2.6	5.3	9.2	9.2	8.9	8.0	7.9	23	11.4
6	4.6	BD	5.2	5.4	5.9	7.5	14.5	10.9	7.7	7.1	4.0	2.8	2.4	2.2	4.9	4.1	2.9	3.8	5.5	5.3	5.4	4.6	3.4	4.0	23	14.5
7	4.4	BD	4.2	4.3	4.8	7.6	12.4	14.7	14.8	11.6	8.5	6.0	3.8	2.7	2.3	2.5	4.5	4.8	7.0	7.9	6.7	5.6	5.4	5.1	23	14.8
8	4.9	BD	3.8	3.6	4.5	4.8	10.0	12.6	9.8	8.1	6.8	6.3	5.2	4.6	4.9	4.6	4.2	7.1	11.1	16.7	17.0	18.4	11.8	12.5	23	18.4
9	13.2	BD	16.1	14.2	17.4	20.4	23.8	17.9	13.8	6.6	3.1	3.1	3.9	2.9	2.9	3.4	3.9	5.8	11.5	16.5	15.0	9.8	8.0	8.4	23	23.8
10	5.7	BD	5.7	6.4	6.0	7.5	11.6	13.1	10.6	6.5	3.9	4.3	3.2	2.8	2.5	2.3	2.2	3.0	5.9	12.2	13.2	6.9	4.9	3.8	23	13.2
11	3.3	BD	3.2	3.0	2.6	2.3	2.8	3.1	3.8	4.0	3.6	3.0	2.2	2.3	1.9	3.6	4.9	5.8	6.9	10.9	13.4	15.5	7.5	2.1	23	15.5
12	2.3	BD	3.5	3.0	2.1	1.6	2.3	2.0	2.5	2.6	2.6	2.6	2.2	2.4	2.8	2.8	3.0	3.1	3.0	3.2	3.0	2.6	2.4	2.5	23	3.5
13	2.0	BD	3.8	3.0	3.1	3.5	4.7	5.2	4.5	3.9	4.2	4.4	3.6	3.6	3.4	3.0	5.5	11.2	13.8	10.4	10.3	10.1	4.3	1.2	23	13.8
14	1.2	BD	.9	.9	1.1	2.9	6.0	4.6	2.9	1.9	1.8	1.6	1.6	1.6	1.8	2.4	2.5	4.1	3.9	2.5	1.4	.9	.9	1.7	23	6.0
15	2.0	BD	1.4	1.5	2.0	3.4	6.9	9.4	7.5	5.4	3.2	2.7	2.3	2.0	2.2	2.4	2.5	4.4	6.5	4.4	6.1	3.8	3.6	2.8	23	9.4
16	2.5	BD	2.6	2.4	2.9	4.3	8.3	9.6	6.7	5.7	6.1	6.3	5.2	5.7	4.7	4.4	7.8	8.0	13.6	19.2	15.2	12.5	14.7	15.7	23	19.2
17	14.3	BD	10.2	10.7	10.7	9.5	8.9	11.9	16.0	12.8	9.7	5.5	5.3	3.9	3.2	3.0	3.7	5.7	11.0	16.6	13.4	8.5	6.1	5.7	23	16.6
18	6.1	BD	6.9	5.6	7.5	9.1	11.4	14.1	14.7	11.6	3.2	2.8	2.2	2.1	2.0	2.2	2.4	4.3	7.3	8.9	3.6	4.0	3.9	3.0	23	14.7
19	2.4	BD	3.2	4.0	7.1	6.8	6.7	5.3	2.9	2.3	1.5	1.3	1.5	1.9	2.0	2.3	2.5	5.6	15.2	19.1	18.3	16.2	14.7	13.8	23	19.1
20	12.1	BD	7.0	7.2	6.9	8.7	11.3	13.3	9.6	5.6	5.1	3.5	2.8	2.7	2.3	2.5	3.1	5.5	10.2	16.7	14.6	12.2	8.5	7.4	23	16.7
21	7.0	BD	7.3	7.3	7.9	8.2	9.2	11.0	20.2	21.6	14.4	9.8	6.0	3.3	3.5	3.6	5.8	9.3	12.5	10.9	6.7	5.1	3.0	2.1	23	21.6
22	2.1	BD	6.0	6.9	7.0	10.2	14.1	8.1	4.1	3.2	2.9	2.9	2.9	3.6	3.8	3.5	5.5	6.3	6.2	7.6	6.5	12.0	11.2	11.3	23	14.1
23	12.1	BD	10.6	9.7	10.5	14.6	17.8	17.5	11.5	6.0	5.4	3.0	3.4	3.5	3.7	4.4	5.5	10.0	19.1	29.3	27.8	29.6	23.4	9.6	23	29.6
24	10.4	BD	8.8	6.7	7.1	12.1	18.4	20.7	AZ	AZ	AZ	AZ	6.9	9.1	7.0	7.8	12.8	16.7	24.5	28.1	27.5	23.9	22.2	18.4	19	28.1
25	17.1	BD	13.9	11.0	10.7	8.8	10.3	11.4	11.8	8.0	5.6	3.8	3.9	4.4	5.7	5.9	4.3	8.4	16.5	25.7	24.0	20.6	18.9	13.8	23	25.7
26	19.3	BD	10.8	12.5	12.1	11.4	12.6	9.2	7.2	6.5	4.0	2.5	2.0	2.8	2.5	2.4	3.7	7.4	14.0	18.1	24.7	26.3	23.9	22.7	23	26.3
27	19.4	BD	15.9	13.4	13.2	16.9	18.9	17.9	22.8	12.6	4.5	4.8	4.1	3.3	3.4	3.2	3.8	6.9	18.3	37.8	32.2	30.0	27.7	23.2	23	37.8
28	12.5	BD	8.2	7.5	10.7	11.7	15.5	12.7	14.6	16.3	17.5	11.7	5.6	2.7	2.6	3.6	4.7	8.4	13.4	15.9	16.0	16.9	17.4	11.5	23	17.5
29	8.5	BD	5.6	5.4	5.5	7.6	12.7	13.7	12.0	7.5	4.2	4.2	2.7	3.7	4.9	5.2	4.9	7.4	14.8	8.4	3.0	3.6	2.8	2.6	23	14.8
30	2.8	BD	4.9	6.9	5.5	5.8	10.6	14.2	10.2	6.0	3.4	3.7	3.5	3.9	3.8	4.3	4.6	8.6	27.6	32.6	29.0	24.9	25.6	27.4	23	32.6
31	25.4	BD	18.1	16.7	15.0	16.7	19.7	13.9	9.1	7.2	6.1	5.0	4.9	7.3	10.3	13.3	12.0	14.7	24.3	19.0	5.2	7.5	5.4	3.8	23	25.4
NO.:	31		31	31	31	31	31	31	30	30	30	30	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	25.4		18.1	16.7	17.4	20.4	23.8	20.7	22.8	21.6	17.7	11.7	7.5	9.1	10.3	13.3	12.8	16.7	27.6	37.8	32.2	30.0	27.7	27.4		
AVG:	8.05		7.06	6.76	7.13	8.44	11.11	11.19	10.26	7.77	5.79	4.50	3.62	3.37	3.57	3.83	4.61	6.79	11.52	14.68	13.17	11.93	10.09	8.55		

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: 8.00 MONTHLY MAX: 37.8

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.

(42602) Nitrogen dioxide (NO2)

CAS NUMBER: 10102-44-0

SITE ID: 37-119-0041 POC: 1
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: (074) INSTRUMENTAL CHEMILUMINESCENCE
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: NOVEMBER 2014

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

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	4.3	BD	2.5	2.0	2.1	2.8	2.5	3.2	3.1	3.0	3.7	5.1	7.2	4.9	4.1	3.8	4.3	4.7	4.9	4.4	4.2	3.6	3.6	3.7	23	7.2
2	3.8	BD	2.6	3.8	4.8	6.2	7.9	9.2	5.7	3.0	1.6	1.4	1.6	1.8	3.0	2.5	3.3	5.7	9.1	10.1	12.5	15.5	18.9	21.6	23	21.6
3	22.0	BD	21.4	20.3	16.8	15.0	15.9	21.9	28.4	27.7	24.6	14.7	12.9	9.1	7.2	6.7	7.1	11.0	20.6	33.0	31.1	27.5	23.4	20.9	23	33.0
4	17.9	BD	15.6	14.6	15.7	15.9	17.8	21.0	21.3	19.3	15.8	10.2	6.8	5.8	5.1	5.7	7.2	11.4	13.5	13.4	13.1	12.2	9.4	8.9	23	21.3
5	9.1	BD	7.7	6.4	7.7	7.1	9.2	14.9	16.2	13.7	12.0	8.5	5.2	3.7	3.4	4.7	6.6	11.5	28.2	26.4	15.7	8.4	6.5	5.7	23	28.2
6	5.1	BD	4.1	4.3	3.7	4.1	5.7	7.8	9.3	8.4	8.5	6.0	3.4	3.3	3.1	3.1	3.8	4.7	5.7	7.1	2.2	1.9	2.1	3.7	23	9.3
7	4.5	BD	7.7	14.0	12.2	12.3	15.4	13.0	8.9	4.8	3.6	4.2	3.5	3.1	3.8	5.4	6.2	11.6	25.4	26.5	27.0	26.1	18.3	13.7	23	27.0
8	11.8	BD	7.8	6.1	5.6	9.5	14.8	14.9	8.3	4.8	3.8	4.3	4.9	3.7	3.4	3.7	5.2	7.8	16.5	25.7	23.2	22.6	20.1	20.8	23	25.7
9	18.2	BD	12.9	12.1	11.2	11.5	10.3	13.0	15.8	12.5	9.9	6.4	5.1	3.9	3.7	3.8	4.1	8.1	20.8	20.7	26.0	24.7	21.6	20.8	23	26.0
10	18.6	BD	14.0	15.1	14.3	11.1	13.3	15.4	21.0	19.2	5.7	4.5	2.9	2.8	3.5	4.1	5.8	7.1	23.6	34.9	29.8	26.9	26.8	28.2	23	34.9
11	27.2	BD	14.2	12.2	8.6	8.7	13.1	13.3	12.7	8.6	9.4	7.2	5.6	5.5	7.7	10.2	9.3	12.9	21.1	33.8	32.0	30.1	24.0	22.8	23	33.8
12	21.5	BD	15.8	15.9	16.0	12.3	18.1	18.1	26.4	37.2	27.0	10.3	5.1	4.9	5.0	7.2	8.6	31.0	41.5	12.4	11.3	9.1	7.0	8.3	23	41.5
13	6.1	BD	6.6	7.1	7.7	8.6	14.6	13.9	10.8	9.0	7.3	6.0	8.1	8.9	8.1	9.4	13.4	16.1	18.0	14.8	10.5	9.0	5.7	4.6	23	18.0
14	4.2	BD	3.6	3.8	3.6	3.8	4.8	5.7	6.6	4.6	3.5	3.6	3.4	3.6	4.0	4.5	5.3	11.8	19.1	15.6	6.3	4.7	4.6	5.4	23	19.1
15	4.6	BD	7.7	5.6	4.1	4.4	4.8	6.5	6.2	5.1	4.0	3.0	2.7	3.1	3.0	2.9	4.2	14.9	32.6	30.4	27.9	28.2	26.7	26.5	23	32.6
16	24.6	BD	16.1	15.0	12.8	12.1	11.9	11.8	8.6	6.5	4.9	4.1	4.0	4.0	4.4	4.6	5.4	6.7	5.5	6.4	5.8	4.1	4.2	5.8	23	24.6
17	5.9	BD	3.1	4.8	5.1	5.5	6.0	7.9	11.9	10.6	15.8	16.9	14.7	13.6	11.2	6.1	6.6	11.7	10.1	5.2	4.8	5.8	6.2	4.8	23	16.9
18	5.9	BD	4.2	4.0	3.8	4.5	5.4	8.4	6.0	5.4	4.3	3.0	3.1	3.0	4.1	3.5	5.6	12.1	22.1	18.6	24.6	24.0	24.0	24.5	23	24.6
19	27.8	BD	25.7	27.0	27.1	29.6	32.7	31.4	26.0	16.6	7.8	5.7	5.0	4.9	5.1	5.2	5.9	10.6	13.0	13.3	11.8	11.1	8.8	7.4	23	32.7
20	7.5	BD	9.9	9.5	9.6	15.4	24.0	24.1	20.4	11.3	7.6	6.5	5.6	5.5	4.6	6.5	8.0	14.9	27.7	17.1	12.1	9.3	14.6	21.6	23	27.7
21	25.6	BD	23.2	31.6	32.3	30.8	26.7	30.4	28.6	17.6	8.3	5.6	5.5	5.5	5.5	5.7	8.3	11.7	11.7	13.2	12.5	11.2	9.0	7.9	23	32.3
22	8.0	BD	19.2	24.8	27.8	28.9	28.3	28.1	26.2	12.8	7.1	6.0	5.5	5.2	5.4	5.1	7.2	14.5	22.8	28.5	39.0	37.8	37.9	33.5	23	39.0
23	29.5	BD	34.6	32.9	30.0	24.6	23.1	19.9	13.6	12.3	11.6	7.9	6.9	10.2	5.7	3.1	3.1	2.8	2.2	2.2	1.5	1.2	1.3	1.6	23	34.6
24	1.3	BD	1.1	1.1	1.4	1.5	2.3	3.8	5.0	3.5	3.4	2.8	2.9	2.6	2.6	2.9	3.6	5.3	4.9	4.6	5.0	4.4	3.1	2.3	23	5.3
25	2.6	BD	1.8	2.2	2.6	2.9	4.2	10.8	11.5	10.1	8.8	8.0	9.5	8.1	6.1	8.8	12.5	17.1	14.7	17.7	16.5	11.8	6.1	5.9	23	17.7
26	6.4	BD	4.2	3.2	2.0	2.4	4.2	8.6	7.3	6.5	9.5	6.4	5.2	4.2	4.5	3.6	5.7	11.6	25.6	20.6	22.2	19.2	7.6	7.4	23	25.6
27	9.1	BD	5.8	7.6	9.0	10.1	11.1	10.8	6.3	3.8	2.7	2.2	2.1	2.1	2.2	2.9	3.5	8.3	5.8	3.6	6.0	5.9	7.8	4.5	23	11.1
28	4.1	BD	5.3	9.4	14.3	9.9	11.8	9.8	9.0	3.8	2.8	2.7	3.2	3.5	4.1	4.8	6.9	9.7	18.3	27.0	27.6	26.5	25.8	23.9	23	27.6
29	20.7	BD	16.9	14.5	14.3	13.7	15.5	16.7	10.2	6.1	5.0	4.0	3.1	3.1	3.4	3.4	5.0	8.5	12.1	13.0	16.5	20.0	14.9	10.0	23	20.7
30	6.2	BD	5.5	5.2	5.4	5.2	5.7	7.7	7.1	5.9	4.4	3.5	3.1	2.7	2.7	2.9	3.9	5.0	7.2	9.2	7.9	7.5	7.5	10.4	23	10.4
31																									0	
NO.:	30		30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	29.5		34.6	32.9	32.3	30.8	32.7	31.4	28.6	37.2	27.0	16.9	14.7	13.6	11.2	10.2	13.4	31.0	41.5	34.9	39.0	37.8	37.9	33.5		
AVG:	12.14		10.69	11.20	11.05	11.01	12.70	14.07	13.28	10.46	8.15	6.02	5.26	4.88	4.66	4.89	6.19	10.69	16.81	16.98	16.22	15.01	13.25	12.90		

MONTHLY OBSERVATIONS: 690 MONTHLY MEAN: 10.81 MONTHLY MAX: 41.5

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.

(42602) Nitrogen dioxide (NO2)

CAS NUMBER: 10102-44-0

SITE ID: 37-119-0041 POC: 1
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: (074) INSTRUMENTAL CHEMILUMINESCENCE
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: DECEMBER 2014

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	9.0	BD	8.7	7.7	8.3	10.5	14.5	14.6	19.0	15.9	10.2	5.3	4.3	4.1	BA	9.6	7.6	10.3	15.6	13.4	10.8	8.9	9.4	9.7	22	19.0
2	8.4	BD	7.9	6.6	7.2	9.4	13.6	14.5	7.5	4.3	4.5	4.2	4.4	4.6	6.3	9.3	11.7	13.6	15.4	14.1	14.0	12.9	14.0	11.1	23	15.4
3	8.2	BD	7.6	8.8	8.5	8.1	9.3	9.6	8.8	8.5	11.1	11.8	7.4	5.1	5.7	6.0	6.5	12.6	19.2	20.3	17.0	15.0	13.1	9.7	23	20.3
4	10.4	BD	11.0	11.9	11.3	7.9	7.7	13.0	11.3	4.7	3.8	3.9	3.8	3.6	4.4	4.0	6.3	5.0	5.5	5.7	4.8	4.2	5.0	4.7	23	13.0
5	4.5	BD	4.7	6.0	6.2	5.2	6.1	9.5	12.0	10.5	12.1	13.1	13.7	13.4	13.2	14.2	10.5	15.0	20.2	21.6	21.3	19.4	15.9	14.7	23	21.6
6	15.2	BD	16.9	16.7	16.6	14.8	15.2	14.8	13.7	13.4	11.5	11.2	12.4	11.7	15.3	14.4	11.0	11.4	7.5	9.7	8.0	7.5	10.3	9.3	23	16.9
7	8.8	BD	3.6	3.6	3.6	4.0	4.8	4.1	3.4	3.1	2.9	2.9	3.1	6.0	2.9	2.9	3.6	4.6	5.8	5.7	6.0	2.5	1.7	2.2	23	8.8
8	2.8	BD	3.5	3.2	3.4	4.2	6.3	8.1	7.4	6.6	6.3	5.8	5.9	7.8	7.8	9.9	12.1	14.3	11.6	10.6	8.5	7.0	6.0	4.8	23	14.3
9	3.7	3.2	3.6	3.6	4.4	6.6	8.0	BD	BC	BC	BC	BC	BC	BC	BC	7.7	10.7	14.2	14.9	15.5	7.7	7.4	7.6	7.6	16	15.5
10	9.6	13.1	10.9	9.2	10.2	13.7	17.6	BD	20.3	10.2	5.1	4.3	4.4	4.4	4.8	6.0	6.3	9.9	10.7	13.7	17.9	21.8	22.4	21.3	23	22.4
11	19.7	BD	18.3	20.4	19.8	19.7	18.1	19.2	21.1	23.8	11.1	7.8	8.2	9.5	6.4	6.4	8.5	19.3	32.6	37.6	36.3	35.2	37.4	35.4	23	37.6
12	32.5	BD	28.5	29.0	24.6	28.0	29.3	30.1	37.1	31.2	15.2	8.4	15.4	8.1	7.5	5.9	9.6	22.3	41.9	36.8	24.7	17.4	28.8	29.7	23	41.9
13	25.9	BD	29.1	29.0	32.8	25.9	28.1	26.1	28.9	28.7	25.9	7.8	8.4	13.2	17.5	8.1	8.6	13.2	23.6	29.9	41.8	40.7	35.1	31.7	23	41.8
14	36.2	BD	27.4	17.9	8.6	9.4	15.2	21.3	16.4	6.6	6.9	7.5	8.2	9.2	10.7	12.2	14.5	21.1	30.3	35.1	29.9	28.0	23.5	12.5	23	36.2
15	14.0	BD	9.9	8.6	8.4	18.6	25.3	26.3	27.6	18.2	9.3	9.7	8.7	8.5	8.6	8.0	11.9	21.8	41.4	34.6	37.5	36.0	34.4	27.6	23	41.4
16	30.7	BD	19.3	20.2	21.8	25.4	26.2	25.8	21.7	17.6	16.7	14.0	12.2	8.1	6.9	5.9	10.2	23.0	27.8	21.8	15.2	17.1	20.4	16.9	23	30.7
17	13.3	BD	19.5	18.9	16.6	15.2	13.5	14.6	18.2	25.6	21.2	7.3	6.3	7.4	7.8	8.4	13.0	16.7	30.6	33.6	32.0	29.6	33.1	28.4	23	33.6
18	27.2	BD	19.0	18.1	20.1	21.1	22.7	21.0	17.6	12.8	8.8	8.8	10.3	11.8	11.2	10.6	14.4	23.7	29.4	28.8	27.8	26.7	20.2	17.8	23	29.4
19	22.2	BD	23.3	22.6	20.5	23.8	23.3	21.9	22.4	17.3	9.9	9.4	11.6	10.8	10.2	8.7	11.1	22.4	30.1	34.4	33.2	28.1	22.5	14.4	23	34.4
20	13.0	BD	5.1	6.2	6.8	6.7	8.2	10.9	12.6	10.5	6.7	5.5	5.3	5.3	5.7	6.7	7.0	7.9	8.7	8.8	6.0	6.3	5.7	5.6	23	13.0
21	5.7	BD	5.3	5.2	6.8	8.4	7.4	7.8	6.5	6.5	7.7	5.8	4.4	3.5	3.5	5.0	4.5	3.9	5.0	4.7	4.4	4.0	4.2	4.3	23	8.4
22	4.2	BD	5.6	6.0	6.4	5.9	5.9	6.5	6.6	9.3	10.1	9.6	9.6	9.5	10.3	10.3	12.5	10.6	10.6	10.0	8.2	8.4	8.6	7.6	23	12.5
23	6.6	BD	7.7	7.4	8.9	7.7	8.1	11.6	12.1	9.6	10.9	10.6	8.5	9.1	10.7	13.9	15.1	14.5	14.1	12.4	10.0	7.7	7.2	7.8	23	15.1
24	7.9	BD	11.2	12.3	13.1	12.8	11.8	11.8	11.4	10.7	9.5	9.2	9.4	9.8	9.1	10.0	9.8	8.9	14.3	6.4	2.6	2.8	3.8	3.9	23	14.3
25	3.2	BD	1.6	1.6	2.3	2.8	2.8	3.5	5.5	3.2	1.9	1.8	1.9	1.9	2.3	2.3	2.5	7.1	14.4	22.4	22.4	21.3	17.6	15.1	23	22.4
26	14.0	BD	14.9	14.4	10.4	12.8	10.9	12.5	15.3	15.6	13.4	8.2	6.9	9.2	6.6	6.6	7.1	12.2	14.9	30.5	31.3	27.3	25.4	24.5	23	31.3
27	21.6	BD	17.3	15.6	14.6	13.7	12.8	11.7	14.6	16.5	9.1	5.2	4.3	5.3	4.5	4.6	5.8	11.6	16.3	16.9	14.9	17.7	20.5	11.0	23	21.6
28	8.0	BD	8.1	7.6	7.4	5.9	6.1	4.4	3.6	3.7	2.6	2.5	2.7	3.2	3.3	3.1	3.6	6.7	9.3	10.0	13.0	9.8	7.5	7.4	23	13.0
29	10.4	BD	6.2	4.8	3.7	4.6	5.5	6.1	3.7	3.5	3.9	2.4	3.3	2.9	3.2	2.8	3.2	4.2	4.2	3.2	3.8	5.7	4.9	4.8	23	10.4
30	4.1	BD	4.3	4.2	3.9	4.8	5.2	5.7	5.3	4.8	4.4	4.8	6.0	6.9	7.5	6.1	7.0	10.7	9.8	11.1	17.5	19.8	18.1	16.2	23	19.8
31	14.0	BD	12.6	12.5	12.7	13.8	16.6	17.7	16.3	11.0	6.7	7.8	7.6	6.0	6.4	10.3	11.4	15.5	21.0	23.0	22.7	22.6	22.8	18.5	23	23.0
NO.:	31	2	31	31	31	31	31	29	30	30	30	30	30	30	29	31	31	31	31	31	31	31	31	31		
MAX:	36.2	13.1	29.1	29.0	32.8	28.0	29.3	30.1	37.1	31.2	25.9	14.0	15.4	13.4	17.5	14.4	15.1	23.7	41.9	37.6	41.8	40.7	37.4	35.4		
AVG:	13.39	8.15	12.02	11.61	11.29	11.98	13.10	13.96	14.26	12.13	9.31	7.22	7.29	7.33	7.60	7.74	8.95	13.17	17.96	18.78	17.78	16.74	16.36	14.07		

MONTHLY OBSERVATIONS: 705 MONTHLY MEAN: 12.37 MONTHLY MAX: 41.9

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.

(42602) Nitrogen dioxide (NO2)

CAS NUMBER: 10102-44-0

SITE ID: 37-119-0045 POC: 1
COUNTY: (119) Mecklenburg
CITY: (12000) Charlotte
SITE ADDRESS: 1030 Remount Road
SITE COMMENTS:
MONITOR COMMENTS:

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

LATITUDE: 35.2131710009
LONGITUDE: -80.874084
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 194
PROBE HEIGHT: 5

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (200) Teledyne-API Model 200EUP or T200U
PQAO: (0669) Mecklenburg County Air Quality

REPORT FOR: JULY 2014

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1																									0	
2																									0	
3																									0	
4																									0	
5																									0	
6																									0	
7																									0	
8																									0	
9																									0	
10																									0	
11																									0	
12																									0	
13																									0	
14																									0	
15																									0	
16																									0	
17	AM	AM	AM	AM	AM	AM	AM	BC	BC	BC	BC	BC	BC	BC	BC	BC	4.5	7.4	9.1	19.0	22.5	20.3	19.7	14.9	8	22.5
18	16.4	19.4	13.2	13.5	20.2	14.6	17.7	15.7	14.6	12.2	10.7	13.9	13.4	6.3	8.3	7.4	7.3	17.9	17.4	13.8	18.0	15.0	17.5	13.1	24	20.2
19	10.0	11.8	8.9	6.6	9.8	14.6	20.3	17.6	17.5	13.0	9.1	7.0	5.5	6.4	5.7	10.7	12.6	9.2	9.3	13.0	10.8	14.5	11.9	8.8	24	20.3
20	4.4	7.6	4.8	6.2	6.6	7.2	7.1	6.5	7.7	7.6	5.9	8.9	5.4	6.8	4.3	3.0	5.2	1.7	6.7	9.4	13.4	11.7	11.3	6.6	24	13.4
21	4.7	4.0	4.1	7.4	11.0	16.3	13.6	14.6	15.6	17.2	11.1	19.1	22.4	14.1	21.3	13.9	13.3	12.2	10.5	9.1	12.5	11.7	9.7	8.2	24	22.4
22	6.5	7.9	6.7	8.4	13.3	12.5	17.3	14.2	15.2	14.1	12.0	8.8	8.7	8.8	3.9	5.1	6.5	8.0	11.7	12.5	14.2	11.5	9.9	8.1	24	17.3
23	6.0	5.5	3.9	4.1	3.6	3.2	6.1	13.9	11.7	15.1	8.7	7.8	4.2	2.3	1.1	4.9	2.4	2.3	4.4	17.7	11.9	13.8	12.3	12.2	24	17.7
24	12.4	9.3	4.8	6.3	7.4	8.4	4.5	9.1	BF	BF	BF	BF	BF	BF	BF	6.3	12.9	8.4	14.8	17.1	15.4	15.4	17.1	14.0	17	17.1
25	10.6	7.6	8.3	10.1	13.2	19.2	16.9	16.0	15.7	10.8	9.5	5.2	8.9	10.3	11.1	12.3	16.5	17.1	18.0	16.9	15.1	11.7	12.4	8.5	24	19.2
26	9.6	8.8	7.6	6.9	6.9	5.3	6.8	7.5	6.3	7.9	3.7	1.5	2.3	2.0	1.8	1.8	1.6	2.0	3.1	6.9	7.1	8.3	12.3	13.1	24	13.1
27	11.6	9.2	8.4	12.3	10.4	4.2	3.1	12.9	11.4	8.1	2.0	3.5	4.3	4.1	4.6	2.0	1.8	1.7	4.3	3.0	3.7	4.6	7.8	9.3	24	12.9
28	4.0	2.6	4.9	10.2	17.5	13.8	7.8	14.0	22.6	3.5	7.2	1.5	1.5	1.3	1.3	1.4	1.6	1.9	2.9	4.0	5.3	4.5	6.4	8.7	24	22.6
29	7.1	5.3	15.7	20.9	9.8	10.7	15.3	18.5	9.3	6.9	9.9	6.0	2.7	2.7	4.1	3.3	4.4	5.5	8.9	13.6	22.6	27.8	28.1	32.2	24	32.2
30	17.5	6.5	9.2	9.2	13.2	15.2	21.0	16.1	12.4	8.3	8.9	5.5	4.8	8.0	6.9	5.0	3.6	3.5	6.3	11.6	17.4	21.8	18.6	9.6	24	21.8
31	7.8	10.9	14.6	16.1	14.4	15.2	19.9	20.8	22.6	15.7	16.0	14.9	15.3	10.9	6.9	7.0	7.6	6.5	14.6	15.5	15.9	15.0	20.6	22.5	24	22.6
NO.:	14	14	14	14	14	14	14	14	13	13	13	13	13	13	13	14	15	15	15	15	15	15	15	15		
MAX:	17.5	19.4	15.7	20.9	20.2	19.2	21.0	20.8	22.6	17.2	16.0	19.1	22.4	14.1	21.3	13.9	16.5	17.9	18.0	19.0	22.6	27.8	28.1	32.2		
AVG:	9.19	8.31	8.22	9.87	11.24	11.46	12.67	14.10	14.05	10.80	8.82	7.97	7.65	6.46	6.25	6.01	6.79	7.02	9.47	12.21	13.72	13.84	14.37	12.65		

MONTHLY OBSERVATIONS: 337 MONTHLY MEAN: 10.18 MONTHLY MAX: 32.2

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.

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-119-0045 POC: 1
COUNTY: (119) Mecklenburg
CITY: (12000) Charlotte
SITE ADDRESS: 1030 Remount Road
SITE COMMENTS:
MONITOR COMMENTS:

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

CAS NUMBER: 10102-44-0
LATITUDE: 35.2131710009
LONGITUDE: -80.874084
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 194
PROBE HEIGHT: 5

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (200) Teledyne-API Model 200EUP or T200U
PQAO: (0669) Mecklenburg County Air Quality

REPORT FOR: AUGUST 2014

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

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	16.3	13.4	11.7	8.9	13.3	11.7	17.7	19.5	21.1	16.7	14.2	14.6	7.1	13.9	12.1	6.7	8.3	7.6	8.4	5.9	6.2	12.3	12.3	8.7	24	21.1
2	6.6	6.7	5.2	5.5	4.4	3.7	6.6	8.8	11.8	9.7	8.7	8.3	5.1	4.8	6.9	7.3	6.5	6.4	9.2	7.8	11.5	13.6	8.7	9.9	24	13.6
3	7.7	4.5	6.2	6.5	4.0	6.3	7.4	3.8	4.7	3.7	4.9	4.7	3.3	4.0	4.5	3.0	3.8	7.7	10.4	10.5	11.9	14.8	7.8	5.7	24	14.8
4	5.6	7.1	8.1	7.6	13.1	16.3	11.2	11.7	11.8	12.6	8.4	11.1	11.7	9.5	12.6	13.0	11.8	11.2	18.4	19.8	22.4	20.8	18.8	11.7	24	22.4
5	12.6	7.3	12.3	9.5	13.5	13.2	17.3	BF	BF	BF	BF	BF	BF	BF	2.3	4.4	3.3	4.2	8.6	15.0	13.2	14.6	15.2	16.8	17	17.3
6	17.9	15.9	7.1	8.3	6.3	7.9	7.6	13.9	10.7	7.9	3.7	1.6	1.7	2.7	3.0	4.4	3.7	4.1	3.7	5.0	5.8	10.5	16.3	10.7	24	17.9
7	9.5	9.2	9.3	9.6	10.4	17.1	18.5	13.6	14.2	7.8	10.6	3.9	4.5	1.7	3.2	2.1	2.2	3.2	6.5	13.9	22.9	26.4	23.6	20.5	24	26.4
8	11.7	9.6	14.0	16.6	20.2	22.6	22.8	18.6	16.8	14.0	11.7	11.6	16.3	18.5	16.4	13.2	9.5	14.1	15.9	20.2	18.4	14.4	14.5	9.5	24	22.8
9	7.3	8.4	4.3	5.6	7.1	7.2	10.6	11.5	10.1	9.6	8.6	9.0	2.5	5.8	2.3	2.6	4.3	5.3	6.2	4.8	7.0	6.3	6.8	5.3	24	11.5
10	4.9	5.6	4.5	3.1	4.6	3.8	5.8	7.1	5.3	7.3	5.6	6.4	6.2	6.4	6.1	8.0	7.7	8.0	7.3	7.7	11.6	10.2	8.8	6.3	24	11.6
11	5.5	4.4	4.6	7.0	9.9	13.7	15.8	17.5	15.0	12.9	14.8	13.6	8.8	3.6	1.7	8.2	12.6	12.6	19.2	16.4	12.9	9.1	7.9	7.1	24	19.2
12	5.7	6.1	7.2	6.6	9.8	14.0	12.6	17.0	14.5	8.7	7.8	3.5	5.1	5.1	3.7	3.5	10.3	11.7	11.6	9.9	12.4	8.0	8.7	5.7	24	17.0
13	9.9	5.6	14.4	9.8	5.6	4.3	5.5	9.9	BA	BA	2.9	2.8	2.9	1.9	1.7	1.5	1.2	2.6	5.4	11.7	17.3	17.2	20.8	18.8	22	20.8
14	15.7	11.2	10.2	12.0	15.8	BF	BF	BF	BF	BF	BF	BF	BF	BF	2.5	2.9	2.7	2.3	8.1	11.3	14.8	14.4	14.1	20.5	15	20.5
15	17.3	13.3	12.6	12.2	11.0	9.6	9.4	18.8	19.9	10.1	4.0	2.2	1.8	1.6	2.3	2.4	2.2	2.0	6.2	9.8	19.4	19.4	17.3	16.5	24	19.9
16	14.1	9.6	13.1	12.9	13.3	13.0	12.2	7.6	5.6	6.6	4.1	2.8	3.0	2.4	1.8	2.3	2.1	3.1	5.7	5.8	6.9	7.7	9.6	7.3	24	14.1
17	10.2	10.8	9.7	7.5	6.3	5.3	3.9	5.7	3.6	1.4	1.4	3.8	2.8	1.0	1.8	1.1	2.3	2.9	4.0	6.1	12.0	20.7	16.0	18.2	24	20.7
18	18.1	14.6	12.2	10.2	8.2	7.5	9.0	11.5	7.3	6.4	6.4	5.2	2.4	2.4	3.2	3.9	3.8	3.9	4.3	4.8	4.1	8.5	6.3	6.6	24	18.1
19	7.7	5.8	4.5	5.1	4.8	8.1	10.9	10.5	7.1	15.7	13.6	8.3	18.6	26.2	7.9	11.1	10.6	12.9	7.9	5.6	14.7	16.7	15.6	13.0	24	26.2
20	9.4	7.1	5.7	5.1	6.2	4.6	4.4	13.6	9.9	8.9	10.9	5.0	2.2	5.0	3.4	5.3	2.8	4.2	8.2	9.4	12.0	9.6	7.9	9.3	24	13.6
21	9.5	12.0	11.1	8.6	7.6	9.4	9.5	17.2	13.9	12.0	8.5	4.5	5.3	6.7	3.0	2.0	1.9	4.3	13.4	13.8	14.5	18.3	15.3	12.6	24	18.3
22	12.8	11.7	6.4	7.7	5.1	8.2	11.4	20.2	16.1	10.0	4.0	4.3	1.4	.9	1.8	14.7	3.7	3.2	6.5	8.4	16.5	17.9	11.3	8.1	24	20.2
23	5.0	6.4	5.6	9.4	12.8	13.1	13.3	10.8	10.0	8.5	6.8	2.1	3.3	1.7	2.2	2.4	1.6	1.4	2.9	9.5	10.4	4.9	5.4	3.7	24	13.3
24	6.2	4.3	3.8	2.0	1.8	3.4	3.6	4.1	4.6	4.7	3.5	3.8	5.4	5.2	4.8	5.8	5.8	8.0	9.8	11.8	13.1	15.7	11.0	11.9	24	15.7
25	12.1	8.5	10.9	14.4	11.5	9.4	12.4	11.2	10.8	9.2	8.6	9.8	7.5	7.5	9.5	9.6	9.8	12.7	15.2	16.4	15.9	18.4	15.7	17.8	24	18.4
26	9.0	6.6	6.4	12.1	11.8	14.4	13.7	15.4	12.7	12.0	4.4	5.8	5.3	4.4	8.0	8.2	9.9	15.3	17.9	24.4	23.7	23.2	23.2	19.2	24	24.4
27	15.1	13.0	20.1	15.4	12.5	11.9	17.7	BF	BF	BF	BF	BF	BF	BF	BF	2.3	2.7	3.6	9.2	16.0	28.2	26.9	24.5	21.5	16	28.2
28	19.4	18.1	16.7	14.0	13.2	11.5	12.0	21.0	23.6	21.6	9.3	8.2	5.7	7.5	6.2	4.0	4.5	6.6	12.0	15.9	20.1	23.6	27.9	25.8	24	27.9
29	26.8	23.0	19.9	18.0	13.2	16.1	18.4	11.6	15.2	11.6	11.0	10.9	9.2	9.9	8.0	8.9	9.6	12.9	14.5	11.5	9.9	11.3	9.7	8.2	24	26.8
30	8.1	6.7	8.9	5.9	5.0	9.8	9.3	8.9	7.7	4.9	6.0	4.9	3.1	5.3	5.0	5.4	7.3	9.3	9.9	11.3	12.2	9.9	9.4	5.2	24	12.2
31	4.4	5.2	3.9	3.7	3.9	4.9	7.3	4.4	2.2	.9	.6	1.5	1.0	.9	1.7	1.0	2.0	4.2	8.7	7.9	8.3	8.5	8.1	8.1	24	8.7
NO.:	31	31	31	31	31	30	30	28	27	27	28	28	28	28	30	31	31	31	31	31	31	31	31	31		
MAX:	26.8	23.0	20.1	18.0	20.2	22.6	22.8	21.0	23.6	21.6	14.8	14.6	18.6	26.2	16.4	14.7	12.6	15.3	19.2	24.4	28.2	26.9	27.9	25.8		
AVG:	11.04	9.41	9.37	9.06	9.23	10.07	11.26	12.34	11.34	9.46	7.32	6.22	5.47	5.95	4.99	5.52	5.50	6.82	9.52	11.24	13.88	14.64	13.50	11.94		

MONTHLY OBSERVATIONS: 718 MONTHLY MEAN: 9.41 MONTHLY MAX: 28.2

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.

(42602) Nitrogen dioxide (NO2)

CAS NUMBER: 10102-44-0

SITE ID: 37-119-0045 POC: 1
COUNTY: (119) Mecklenburg
CITY: (12000) Charlotte
SITE ADDRESS: 1030 Remount Road
SITE COMMENTS:
MONITOR COMMENTS:

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

LATITUDE: 35.2131710009
LONGITUDE: -80.874084
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 194
PROBE HEIGHT: 5

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (200) Teledyne-API Model 200EUP or T200U
PQAO: (0669) Mecklenburg County Air Quality

REPORT FOR: SEPTEMBER 2014

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	5.2	7.0	4.1	4.0	5.1	3.3	6.2	5.2	5.2	10.8	6.6	6.4	4.4	4.4	4.7	3.8	4.5	3.9	4.4	5.8	11.3	8.1	4.7	4.3	24	11.3
2	4.6	4.9	3.4	4.9	6.6	6.6	6.4	9.0	9.9	20.8	14.9	3.2	3.2	1.7	3.8	1.6	2.5	13.3	13.0	9.5	6.6	2.8	5.8	8.5	24	20.8
3	6.0	8.4	11.1	6.9	12.9	7.4	7.2	8.5	11.5	14.9	12.0	13.1	11.9	11.0	12.8	14.5	15.9	12.1	17.2	23.5	23.7	9.9	7.1	7.4	24	23.7
4	16.0	19.6	19.9	15.4	14.2	14.3	19.2	18.7	16.6	11.1	8.3	7.4	9.3	10.2	13.3	8.2	13.4	13.5	15.2	11.5	13.2	20.0	13.3	11.3	24	20.0
5	10.3	10.8	9.8	9.2	6.3	7.5	6.2	BF	BF	BF	BF	BF	BF	BF	7.8	10.3	9.4	8.4	14.3	10.2	9.3	11.4	10.0	8.8	17	14.3
6	7.8	7.3	5.5	5.6	4.3	4.3	6.9	6.5	5.2	2.4	2.4	2.4	2.6	3.5	5.1	2.6	3.9	4.6	6.0	17.9	10.6	11.5	8.6	9.0	24	17.9
7	9.9	7.0	13.7	9.9	10.7	10.3	11.2	7.4	6.1	5.1	3.7	4.0	4.5	5.4	4.2	4.2	4.8	4.3	4.4	6.6	4.8	4.2	3.9	3.1	24	13.7
8	3.2	1.7	3.7	5.8	10.1	13.1	15.6	13.8	13.4	11.8	9.9	12.8	8.7	12.4	7.0	6.3	7.0	13.8	11.1	7.3	5.0	3.9	3.4	2.9	24	15.6
9	2.3	2.8	4.1	4.4	4.5	11.5	8.8	13.0	8.8	7.3	6.1	10.0	9.1	6.4	15.1	14.0	12.6	9.2	9.9	14.7	22.3	18.9	16.6	13.0	24	22.3
10	10.5	9.1	5.9	6.1	8.2	8.9	13.7	19.2	17.8	12.8	12.3	14.5	12.6	10.9	6.3	7.4	8.3	10.1	16.7	15.8	19.0	14.5	12.7	11.1	24	19.2
11	8.8	7.4	6.5	7.7	10.7	8.6	10.1	9.9	5.1	2.4	2.3	4.8	1.7	2.2	2.1	3.1	3.0	4.2	19.9	21.9	16.3	11.4	15.8	13.3	24	21.9
12	9.8	7.8	7.3	6.7	5.8	6.1	4.5	10.6	11.7	13.4	11.0	8.7	8.3	6.7	9.7	4.9	2.7	12.9	10.2	16.9	18.1	10.6	9.0	6.8	24	18.1
13	4.9	5.7	5.8	4.9	7.1	9.1	10.8	8.6	7.4	3.5	3.9	2.7	2.6	1.9	1.9	4.1	7.3	11.4	14.9	9.6	7.0	6.7	6.1	4.7	24	14.9
14	4.5	4.8	3.2	2.8	3.1	4.0	7.5	7.3	8.7	5.8	5.1	7.2	6.8	6.6	4.0	5.4	8.3	11.0	12.2	12.3	10.5	9.8	8.5	5.8	24	12.3
15	4.4	2.4	1.6	2.6	2.4	8.6	14.5	AZ	AZ	AZ	AZ	AZ	AZ	AZ	4.5	10.5	7.2	6.2	11.5	14.2	10.5	12.8	10.4	6.5	17	14.5
16	5.8	5.2	3.1	1.3	1.6	3.5	4.9	9.2	5.6	BF	BF	BF	BF	BF	BF	AS	AS	AS	AS	AS	AS	AS	AS	AS	9	9.2
17	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
18	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
19	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
20	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
21	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
22	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
23	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
24	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
25	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
26	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
27	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
28	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
29	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
30	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
31																									0	
NO.:	16	16	16	16	16	16	16	14	14	13	13	13	13	13	15	15	15	15	15	15	15	15	15	15		
MAX:	16.0	19.6	19.9	15.4	14.2	14.3	19.2	19.2	17.8	20.8	14.9	14.5	12.6	12.4	15.1	14.5	15.9	13.8	19.9	23.5	23.7	20.0	16.6	13.3		
AVG:	7.13	6.99	6.79	6.14	7.10	7.94	9.61	10.49	9.50	9.39	7.58	7.48	6.59	6.41	6.82	6.73	7.39	9.26	12.06	13.18	12.55	10.43	9.06	7.77		

MONTHLY OBSERVATIONS: 355 MONTHLY MEAN: 8.51 MONTHLY MAX: 23.7

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.

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-119-0045 POC: 1
COUNTY: (119) Mecklenburg
CITY: (12000) Charlotte
SITE ADDRESS: 1030 Remount Road
SITE COMMENTS:
MONITOR COMMENTS:

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

CAS NUMBER: 10102-44-0
LATITUDE: 35.2131710009
LONGITUDE: -80.874084
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 194
PROBE HEIGHT: 5

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (200) Teledyne-API Model 200EUP or T200U
PQAO: (0669) Mecklenburg County Air Quality

REPORT FOR: OCTOBER 2014

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
2	AS	AS	AS	AS	AS	AS	AS	BC	BC	BC	BC	BC	BC	BC	BC	BC	4.4	11.2	21.4	28.8	25.3	21.8	16.4	11.9	8	28.8
3	12.5	18.2	13.8	12.9	12.9	16.2	19.2	13.9	15.0	11.5	10.8	13.8	13.2	14.9	16.0	12.7	10.8	13.1	12.8	12.0	12.7	6.8	2.1	2.7	24	19.2
4	2.9	3.9	1.5	6.0	3.5	5.3	6.5	5.0	1.1	.0	.0	.0	DA	.0	.1	.1	1.0	2.2	DA	4.8	DA	8.1	6.9	7.6	21	8.1
5	5.5	5.3	5.1	5.2	5.4	4.4	4.3	6.5	5.5	1.2	2.8	.4	1.6	1.0	.9	1.3	3.3	4.3	11.4	11.9	14.7	13.4	13.3	12.5	24	14.7
6	9.6	6.8	5.4	3.6	2.8	5.5	15.3	18.2	12.4	8.5	10.9	11.5	9.8	6.2	10.7	12.2	11.2	17.9	21.5	19.3	18.1	15.5	13.7	13.8	24	21.5
7	10.0	10.5	13.1	11.3	13.5	16.7	17.1	16.4	16.7	11.1	13.0	9.9	10.0	8.5	12.0	15.3	19.8	20.2	24.4	21.0	24.3	17.2	19.1	18.5	24	24.4
8	15.0	13.1	7.2	7.7	12.1	7.2	9.1	9.5	5.6	3.5	4.8	5.5	.7	1.5	1.7	1.1	3.3	7.2	23.5	23.1	22.6	18.4	18.1	19.6	24	23.5
9	24.0	20.9	18.4	17.0	13.4	13.8	17.8	17.2	17.7	17.6	13.2	9.0	8.2	8.0	5.3	7.1	14.7	22.6	26.4	27.5	25.5	24.1	12.5	9.1	24	27.5
10	DA	9.0	10.0	8.8	11.9	9.7	12.8	16.3	12.0	7.2	3.9	3.4	3.5	4.0	4.2	5.6	6.5	14.8	17.8	20.0	21.2	17.5	13.9	11.5	23	21.2
11	8.4	8.9	7.9	6.3	7.2	10.1	13.1	11.3	5.0	2.9	.2	.0	.2	.7	2.0	3.2	8.0	15.6	16.0	14.6	15.2	15.7	13.1	3.3	24	16.0
12	2.9	3.3	3.2	2.9	2.3	3.3	4.3	5.5	6.7	8.5	6.6	6.7	6.6	5.2	6.2	7.2	8.2	6.7	6.9	9.1	8.0	7.8	7.7	6.3	24	9.1
13	6.3	6.3	5.7	4.9	6.2	9.2	6.8	8.4	9.1	9.6	10.3	8.9	11.2	12.8	13.7	12.5	13.9	15.6	15.4	11.3	8.6	8.6	10.4	4.7	24	15.6
14	3.8	5.4	4.6	5.0	7.8	10.7	12.9	13.0	8.9	6.1	8.1	7.9	8.5	9.2	10.4	9.8	10.2	12.3	9.1	8.4	4.9	3.0	1.6	5.2	24	13.0
15	7.7	7.2	5.2	10.6	11.8	16.2	11.9	BF	BF	BF	BF	BF	BF	4.0	2.7	3.2	3.2	6.1	5.7	3.6	6.7	4.8	4.8	6.9	18	16.2
16	4.4	2.4	3.9	3.1	4.4	6.0	6.8	5.6	3.0	4.1	3.4	1.1	6.6	2.2	3.0	3.0	2.9	8.8	11.8	12.6	7.0	6.0	9.9	9.3	24	12.6
17	9.4	9.0	8.2	8.3	5.6	3.9	3.0	7.9	17.9	8.7	7.0	4.5	6.9	9.5	8.3	3.9	4.6	3.0	8.6	13.0	16.0	17.7	8.5	5.4	24	17.9
18	16.3	13.9	10.4	9.5	7.9	6.9	7.1	7.5	11.3	5.8	1.1	.4	.5	.0	.6	.0	1.2	DA	DA	DA	DA	DA	DA	DA	17	16.3
19	DA	DA	4.2	11.7	3.1	4.0	4.9	8.7	1.0	.2	1.0	1.1	.3	.4	.9	3.4	3.6	9.3	13.9	17.7	17.0	16.2	13.1	11.7	22	17.7
20	9.5	8.7	7.5	7.3	6.1	6.3	6.9	10.1	16.7	12.9	6.6	6.8	5.0	6.8	4.6	5.3	7.0	19.1	24.8	19.1	20.6	16.3	14.6	14.4	24	24.8
21	11.3	12.5	11.0	8.0	6.7	6.0	6.1	11.1	16.2	19.9	10.2	5.3	1.2	.4	2.0	1.8	5.8	8.1	DA	DA	DA	DA	DA	1.9	19	19.9
22	DA	DA	DA	DA	DA	5.6	9.9	10.6	6.6	3.1	3.1	1.9	.7	1.6	1.2	2.0	2.0	DA	7.0	DA	DA	7.5	13.4	10.5	16	13.4
23	19.1	14.6	16.5	14.4	8.4	9.4	9.2	13.7	6.5	2.8	1.5	3.6	3.3	4.6	2.4	1.7	2.9	21.6	26.3	24.9	22.5	21.3	19.3	16.4	24	26.3
24	14.8	11.8	9.4	9.5	12.1	14.1	11.4	11.8	16.4	18.7	13.7	7.6	8.3	9.2	5.3	7.7	15.1	18.1	20.4	17.6	20.0	20.8	14.8	14.8	24	20.8
25	14.2	11.2	11.5	11.5	8.9	8.8	7.1	7.1	16.0	17.0	13.2	7.0	2.6	4.9	2.7	1.2	3.3	11.0	20.0	13.5	16.1	14.8	12.9	11.8	24	20.0
26	11.3	6.3	8.3	9.2	8.8	9.4	9.1	7.2	4.7	3.4	.5	1.0	.0	.0	.2	.5	2.6	16.7	23.2	27.5	26.7	24.8	22.1	19.7	24	27.5
27	17.5	16.5	14.2	12.3	9.2	12.0	10.3	16.0	24.5	23.5	16.6	13.5	10.3	9.2	9.6	11.4	24.0	32.2	35.9	34.6	30.8	27.2	23.3	20.5	24	35.9
28	18.8	18.1	16.3	14.3	11.6	10.0	10.4	8.7	BF	BF	BF	BF	BF	BF	BF	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	8	18.8
29	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	0	
30	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	0	
31	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	0	
NO.:	23	24	25	25	25	26	26	25	24	24	24	24	23	25	25	25	26	24	23	23	22	24	24	25		
MAX:	24.0	20.9	18.4	17.0	13.5	16.7	19.2	18.2	24.5	23.5	16.6	13.8	13.2	14.9	16.0	15.3	24.0	32.2	35.9	34.6	30.8	27.2	23.3	20.5		
AVG:	11.10	10.16	8.90	8.85	8.14	8.87	9.74	10.69	10.69	8.66	6.77	5.45	5.18	4.99	5.07	5.33	7.44	13.24	17.57	17.21	17.48	14.80	12.73	10.80		

MONTHLY OBSERVATIONS: 584 MONTHLY MEAN: 9.91 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.

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-119-0045 POC: 1
COUNTY: (119) Mecklenburg
CITY: (12000) Charlotte
SITE ADDRESS: 1030 Remount Road
SITE COMMENTS:
MONITOR COMMENTS:

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

CAS NUMBER: 10102-44-0
LATITUDE: 35.2131710009
LONGITUDE: -80.874084
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 194
PROBE HEIGHT: 5

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (200) Teledyne-API Model 200EUP or T200U
PQAO: (0669) Mecklenburg County Air Quality

REPORT FOR: NOVEMBER 2014

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

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	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	0	
2	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	0	
3	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	0	
4	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	0	
5	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	0	
6	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
7	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	
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	BA	BA	BA	BA	BA	BA	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	BC	BC	BC	BC	34.0	43.6	34.9	26.9	24.4	20.9	22.9	7	43.6
13	17.8	16.2	12.6	15.5	19.7	18.0	18.6	21.7	20.4	14.7	14.2	12.8	11.5	11.8	16.8	15.1	16.8	23.8	21.2	22.2	16.9	13.6	8.5	7.9	24	23.8
14	5.9	4.9	6.5	7.5	6.7	9.9	12.9	15.3	14.0	12.2	7.7	8.3	BA	6.7	4.2	4.8	6.6	18.2	25.3	15.6	8.3	8.8	11.9	13.2	23	25.3
15	11.2	8.7	8.2	9.5	10.5	9.8	9.5	11.2	10.3	9.3	7.8	5.8	6.3	7.9	6.1	7.1	12.2	20.2	28.2	28.4	25.6	25.4	25.2	24.4	24	28.4
16	22.2	21.9	21.1	21.6	22.2	21.1	15.1	15.5	14.4	10.5	8.6	4.3	6.6	7.0	11.1	15.4	18.5	15.7	20.5	18.6	14.7	9.1	8.6	8.8	24	22.2
17	8.8	5.9	4.0	9.0	14.0	15.4	16.1	14.7	16.3	15.2	14.8	16.5	14.4	16.3	12.6	3.9	5.4	7.6	8.8	4.7	4.3	5.0	5.4	4.2	24	16.5
18	3.6	2.3	2.7	4.2	3.4	2.8	4.2	7.2	4.9	3.4	BF	BF	BF	BF	BF	BF	BF	11.8	25.4	23.8	18.0	13.9	26.7	24.4	17	26.7
19	25.5	24.6	21.9	20.4	19.3	21.0	23.4	24.4	29.5	18.4	18.0	13.2	12.9	9.0	13.8	11.4	16.4	31.9	34.6	21.3	21.5	15.4	10.1	8.0	24	34.6
20	8.3	7.4	11.3	10.0	9.5	9.5	13.1	18.3	10.2	10.2	8.7	8.2	5.9	3.0	4.0	3.6	6.7	17.8	39.3	38.0	18.5	15.5	12.9	21.4	24	39.3
21	28.5	33.2	28.3	28.6	24.5	24.4	23.6	28.2	34.5	16.5	15.1	16.1	11.5	7.1	6.8	8.7	15.8	40.5	30.7	33.3	26.2	20.3	16.7	14.7	24	40.5
22	21.9	20.3	20.8	14.1	23.0	19.8	19.5	23.7	32.2	22.5	11.5	9.6	7.1	6.1	8.0	10.6	16.6	33.7	33.1	32.8	30.9	31.1	30.4	29.5	24	33.7
23	30.5	32.2	32.3	31.0	34.0	32.3	28.6	26.8	22.9	19.6	23.8	17.7	18.2	18.9	11.5	11.7	11.4	7.2	7.4	6.4	5.9	7.7	5.3	5.8	24	34.0
24	1.8	1.7	2.7	2.7	6.7	10.0	22.4	17.9	18.6	12.1	5.9	7.1	8.0	7.4	8.9	9.7	18.9	25.5	18.1	16.2	19.5	16.6	10.0	7.5	24	25.5
25	3.6	8.1	8.1	4.3	10.2	13.1	6.3	8.7	12.1	12.9	17.7	21.6	16.6	9.1	10.1	19.3	22.8	25.3	24.0	27.4	25.1	18.3	17.2	14.3	24	27.4
26	9.0	6.8	6.1	4.5	5.7	9.1	17.1	BF	BF	BF	BF	BF	BF	BF	BF	BF	BF	20.5	23.8	23.9	22.1	18.5	18.1	18.1	14	23.9
27	13.9	13.0	14.3	15.5	13.1	11.3	11.3	9.2	4.5	2.7	1.3	.9	1.1	1.4	1.2	1.7	2.4	3.8	4.1	2.8	5.9	4.8	7.1	3.9	24	15.5
28	3.3	3.0	2.6	8.0	15.5	17.1	21.0	22.5	14.2	6.6	4.3	2.9	3.6	3.0	3.6	4.8	5.6	13.5	18.2	23.2	22.5	21.9	19.8	18.8	24	23.2
29	17.4	18.6	18.1	18.8	19.4	20.5	18.9	18.2	14.7	7.6	6.4	7.1	7.5	7.1	8.2	8.1	15.6	27.4	31.1	30.8	30.5	28.3	26.2	21.5	24	31.1
30	12.1	9.4	11.7	8.3	4.6	9.0	13.8	18.1	12.6	5.9	4.5	2.5	2.0	1.3	2.3	1.8	2.3	5.1	15.1	10.5	15.2	17.2	18.2	22.7	24	22.7
31																									0	
NO.:	18	18	18	18	18	18	18	17	17	17	16	16	15	16	16	16	16	19	19	19	19	19	19	19		
MAX:	30.5	33.2	32.3	31.0	34.0	32.3	28.6	28.2	34.5	22.5	23.8	21.6	18.2	18.9	16.8	19.3	22.8	40.5	43.6	38.0	30.9	31.1	30.4	29.5		
AVG:	13.63	13.23	12.96	12.97	14.56	15.23	16.41	17.74	16.84	11.78	10.64	9.66	8.88	7.69	8.08	8.61	12.13	20.18	23.82	21.83	18.87	16.62	15.75	15.37		

MONTHLY OBSERVATIONS: 421 MONTHLY MEAN: 14.56 MONTHLY MAX: 43.6

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.

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-119-0045 POC: 1
COUNTY: (119) Mecklenburg
CITY: (12000) Charlotte
SITE ADDRESS: 1030 Remount Road
SITE COMMENTS:
MONITOR COMMENTS:

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

CAS NUMBER: 10102-44-0
LATITUDE: 35.2131710009
LONGITUDE: -80.874084
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 194
PROBE HEIGHT: 5

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (200) Teledyne-API Model 200EUP or T200U
PQAO: (0669) Mecklenburg County Air Quality

REPORT FOR: DECEMBER 2014

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	17.5	16.8	12.8	14.9	17.3	14.5	14.7	16.0	17.8	14.0	8.0	5.1	8.7	4.8	10.5	8.4	13.6	26.9	31.9	25.6	26.1	25.6	22.8	19.9	24	31.9
2	19.4	15.0	13.2	13.5	12.7	13.7	10.7	24.2	14.0	15.7	13.3	13.6	12.0	12.7	11.9	15.1	18.8	18.0	19.6	13.5	15.1	14.6	13.1	11.2	24	24.2
3	10.7	8.3	10.4	11.4	12.7	11.4	14.6	11.8	10.0	11.3	11.0	7.4	5.6	6.2	9.1	8.2	5.2	14.9	16.4	15.4	15.4	12.9	9.8	9.4	24	16.4
4	8.7	10.4	9.9	9.5	15.2	14.5	15.5	22.1	AZ	AZ	AZ	AZ	AZ	AZ	18.7	18.7	22.6	15.9	13.2	10.9	10.5	10.3	10.4	8.7	18	22.6
5	8.2	8.1	9.3	12.4	10.0	13.4	18.0	17.7	21.1	19.6	18.9	16.3	15.4	13.2	18.1	17.5	23.1	23.5	23.1	22.3	20.0	16.6	14.7	12.1	24	23.5
6	14.7	15.7	15.9	16.3	15.3	13.9	15.5	16.3	14.5	13.4	15.2	14.8	13.7	13.1	12.3	10.5	11.9	7.3	6.1	6.5	8.3	7.7	7.5	9.6	24	16.3
7	9.3	5.9	4.0	4.4	4.4	5.0	6.3	5.6	5.7	4.8	4.2	4.2	5.0	5.4	5.6	7.1	12.1	18.1	18.5	13.1	12.2	8.2	9.0	9.7	24	18.5
8	8.9	8.8	9.2	11.0	7.0	11.5	15.0	11.4	11.6	13.6	11.0	11.4	10.3	10.3	17.6	25.1	19.0	20.1	11.0	12.2	8.2	12.5	14.6	8.8	24	25.1
9	8.4	4.4	4.6	5.6	8.2	9.0	9.0	BF	BF	BF	BF	BF	BF	BF	BF	6.4	8.3	10.0	13.3	7.9	5.2	5.1	7.8	6.3	16	13.3
10	6.2	6.8	8.3	11.8	8.1	9.5	13.6	15.4	13.4	BA	BA	BA	BA	2.7	2.9	4.0	5.1	7.9	9.3	8.2	8.4	16.9	18.4	17.6	20	18.4
11	15.3	14.1	16.8	15.9	14.6	14.8	15.6	13.4	16.4	19.4	18.5	8.4	11.2	7.8	5.0	4.6	8.1	21.5	28.0	28.0	27.6	25.7	24.9	22.6	24	28.0
12	21.2	19.6	20.1	19.2	22.8	19.5	17.5	20.3	26.4	29.2	18.4	16.0	15.9	11.0	8.0	5.4	10.3	35.5	33.1	29.8	25.4	28.9	28.6	30.2	24	35.5
13	26.9	25.1	23.2	20.8	22.4	21.7	21.9	21.8	29.1	30.6	19.3	13.3	16.7	13.0	13.3	7.5	16.4	35.7	36.0	34.8	29.4	26.5	25.6	27.6	24	36.0
14	28.8	24.8	22.6	22.8	22.4	18.4	19.6	18.1	19.7	18.3	12.0	11.0	11.8	15.0	12.6	15.3	27.2	34.0	37.6	33.8	31.5	29.3	29.3	30.4	24	37.6
15	27.3	25.6	24.5	24.1	25.8	23.2	19.0	19.5	23.0	27.9	17.4	14.9	14.9	13.4	10.5	12.2	30.9	35.7	35.8	33.7	33.1	29.3	26.0	28.7	24	35.8
16	26.9	25.9	23.6	24.0	23.3	25.7	24.6	24.7	25.5	22.8	24.3	19.5	13.9	11.1	8.1	4.3	5.2	21.9	21.3	12.7	12.4	17.9	15.1	15.3	24	26.9
17	11.2	10.3	10.2	11.0	9.1	9.2	10.2	8.8	16.5	26.0	17.1	11.3	9.8	7.8	4.8	9.5	10.2	24.2	27.7	25.4	23.6	21.4	23.8	23.9	24	27.7
18	18.8	18.6	17.3	18.9	22.0	21.6	22.4	BF	BF	BF	BF	BF	BF	BF	16.8	16.9	17.4	19.8	29.4	29.4	26.2	26.1	26.1	24.7	17	29.4
19	23.7	22.6	22.5	23.5	22.1	25.9	22.6	24.9	28.4	25.1	13.0	14.5	15.4	12.3	11.7	7.9	10.5	27.0	29.7	28.8	27.1	27.3	26.7	25.7	24	29.7
20	22.2	14.6	13.5	11.1	10.2	14.3	19.5	20.0	23.1	18.8	12.6	12.3	11.1	12.6	14.3	15.0	15.1	15.4	14.9	13.3	10.5	10.2	9.7	8.9	24	23.1
21	9.2	9.6	9.4	8.1	11.0	10.4	14.2	14.4	15.4	13.5	13.1	12.8	12.0	9.0	9.1	9.5	12.1	10.7	11.8	11.0	8.8	7.7	9.3	8.5	24	15.4
22	9.5	10.0	10.9	9.0	8.9	12.0	15.2	16.9	17.8	15.2	17.5	15.0	13.2	15.4	16.4	13.0	16.2	17.7	16.7	14.8	13.5	14.7	15.6	13.9	24	17.8
23	13.3	12.6	11.4	11.2	12.1	9.9	13.2	14.3	13.6	16.9	14.5	18.0	21.1	17.9	19.0	18.7	17.0	17.3	18.6	18.2	14.2	10.4	11.2	11.7	24	21.1
24	11.5	11.3	11.4	11.9	12.9	14.4	14.9	12.4	11.9	11.7	11.5	11.2	10.3	8.4	9.0	9.0	9.1	9.9	9.2	13.7	7.9	2.8	4.7	4.7	24	14.9
25	4.1	1.7	1.0	.9	1.3	1.7	1.9	1.6	6.0	1.9	.8	.7	1.1	.6	1.2	1.7	1.9	14.1	20.3	17.0	15.7	14.2	13.2	13.5	24	20.3
26	12.6	10.9	9.2	9.2	10.0	9.3	10.6	12.5	14.5	23.2	21.8	13.7	9.3	5.7	6.8	6.4	5.9	20.1	23.4	23.0	22.9	20.5	20.2	17.2	24	23.4
27	16.0	15.2	14.9	11.4	11.2	11.3	10.2	9.8	13.3	17.9	9.6	10.9	5.8	2.8	6.0	11.4	16.4	28.4	27.5	25.9	23.8	24.7	21.7	19.4	24	28.4
28	18.3	14.8	17.7	9.3	13.5	8.4	11.0	4.7	3.2	2.2	2.1	1.7	1.8	2.5	2.8	2.9	3.3	11.2	17.6	13.2	11.8	10.7	10.3	12.1	24	18.3
29	10.8	14.1	8.4	7.1	11.8	13.8	18.1	20.2	18.8	12.5	12.6	18.4	20.0	19.0	18.4	16.1	18.5	20.3	17.1	15.4	9.6	9.2	7.9	7.9	24	20.3
30	6.1	6.2	6.6	7.9	9.5	10.7	12.3	BF	BF	BF	BF	BF	BF	BF	BF	13.3	13.6	16.4	15.5	19.2	20.6	17.7	15.2	13.1	16	20.6
31	10.9	11.0	14.6	11.3	12.6	11.3	16.8	23.4	17.5	19.7	14.5	10.6	5.4	6.4	8.2	6.0	6.1	16.1	20.1	17.6	16.4	18.0	14.8	14.2	24	23.4
NO.:	31	31	31	31	31	31	31	28	27	26	26	26	26	27	29	31	31	31	31	31	31	31	31	31		
MAX:	28.8	25.9	24.5	24.1	25.8	25.9	24.6	24.9	29.1	30.6	24.3	19.5	21.1	19.0	19.0	25.1	30.9	35.7	37.6	34.8	33.1	29.3	29.3	30.4		
AVG:	14.73	13.51	13.14	12.88	13.56	13.67	14.97	15.79	16.60	17.12	13.55	11.81	11.21	9.63	10.64	10.57	13.26	19.85	21.09	19.17	17.46	16.89	16.39	15.73		

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: 14.78 MONTHLY MAX: 37.6

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.

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-183-0014 POC: 1
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: 10102-44-0
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: (200) Teledyne-API Model 200EUP or T200U
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JANUARY 2014

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

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	24.9	BF	21.4	18.3	15.6	13.4	13.0	14.1	13.4	9.7	5.5	2.4	1.6	2.9	3.3	4.3	10.3	13.7	17.9	25.8	24.7	23.5	21.8	21.1	23	25.8
2	20.6	BF	17.4	15.7	14.3	14.8	14.6	13.0	13.2	20.1	22.1	21.3	17.9	13.1	10.8	12.2	15.9	15.5	19.5	19.4	14.0	11.2	8.9	7.1	23	22.1
3	3.5	BF	4.4	4.7	3.5	2.9	2.9	3.2	3.0	2.1	1.7	1.7	1.7	2.5	1.6	1.5	2.7	6.3	12.1	14.4	15.2	18.2	22.0	25.7	23	25.7
4	23.8	BF	15.6	10.9	11.9	11.6	7.7	14.8	12.0	5.9	3.7	3.6	3.4	5.6	5.9	7.9	7.5	7.6	11.0	8.1	8.1	8.8	8.5	9.2	23	23.8
5	8.5	BF	5.0	5.4	5.1	3.6	3.4	3.9	3.2	3.3	4.3	4.8	5.6	4.3	2.9	2.9	4.5	6.1	7.4	6.5	4.0	4.4	4.1	2.9	23	8.5
6	2.9	BF	.9	1.0	1.1	1.4	2.8	4.8	5.2	AX	AX	AX	AX	2.9	3.0	2.5	3.5	3.9	4.0	2.5	1.9	1.8	1.8	1.5	19	5.2
7	1.7	BF	1.5	2.0	2.0	2.3	3.4	3.9	3.5	3.6	2.7	2.1	1.6	1.8	2.7	3.8	6.6	9.8	16.4	22.4	27.1	31.1	28.6	26.3	23	31.1
8	28.3	BF	25.8	24.9	24.9	23.2	23.2	22.7	23.1	19.6	18.0	15.0	12.1	11.7	9.0	7.6	9.1	19.2	28.3	21.7	25.0	27.6	33.8	31.7	23	33.8
9	31.6	BF	26.9	25.8	24.6	23.7	24.2	22.9	24.9	22.6	17.8	8.9	3.6	3.5	4.5	5.0	7.0	18.9	29.4	22.1	21.0	30.1	16.6	6.8	23	31.6
10	10.7	BF	4.3	4.3	4.0	6.1	8.1	13.5	12.5	8.5	9.7	11.3	10.8	8.5	8.6	12.3	13.5	11.3	13.8	15.0	15.5	14.6	9.9	9.9	23	15.5
11	13.8	BF	12.4	7.0	2.1	1.8	1.6	2.1	1.7	2.1	2.7	2.8	1.8	2.2	2.4	3.3	7.1	9.6	7.3	6.2	4.2	2.9	2.3	2.5	23	13.8
12	2.1	BF	1.0	.9	.7	.7	1.6	2.1	1.9	1.4	1.1	1.4	1.1	1.2	1.4	1.3	2.1	15.2	27.1	30.2	30.8	27.4	27.1	26.0	23	30.8
13	19.9	BF	15.6	15.0	15.9	15.9	17.0	19.1	16.3	14.2	10.4	4.5	3.3	3.6	3.9	3.7	5.8	11.9	16.1	14.9	14.8	17.8	14.9	5.9	23	19.9
14	7.0	BF	5.0	6.0	5.7	5.8	11.7	16.5	21.8	22.9	21.8	21.3	8.9	5.0	4.8	4.1	6.7	20.3	25.3	25.6	21.5	20.0	18.9	14.7	23	25.6
15	15.6	BF	14.1	12.7	13.1	12.7	13.5	14.6	13.0	10.7	9.4	6.0	3.7	2.9	3.4	5.7	7.2	21.5	33.5	28.9	5.6	4.1	2.7	3.2	23	33.5
16	3.3	BF	1.4	1.3	1.5	2.0	2.6	3.8	5.0	5.0	3.2	2.2	1.9	1.5	2.4	3.7	5.2	19.6	30.4	30.2	29.0	28.5	24.8	20.7	23	30.4
17	15.0	BF	14.5	15.6	12.8	13.1	14.6	21.6	16.9	11.5	8.0	6.5	6.0	AX	AX	AX	AX	10.4	13.2	14.5	16.1	15.9	12.5	7.5	19	21.6
18	3.6	BF	1.9	1.7	2.1	2.6	3.1	2.9	2.1	1.4	1.3	1.3	1.1	1.8	1.8	1.7	2.6	6.7	16.9	27.2	26.6	25.9	15.3	15.6	23	27.2
19	17.8	BF	5.3	5.0	5.4	5.5	5.6	6.9	7.9	5.6	2.9	2.5	2.1	1.7	1.3	1.9	2.5	4.1	8.2	25.4	29.3	27.1	26.9	24.8	23	29.3
20	17.8	BF	11.3	4.7	6.0	9.7	14.5	23.1	21.8	10.0	7.3	7.1	5.4	4.2	4.7	4.3	6.4	17.3	22.9	32.3	27.5	29.6	30.0	28.4	23	32.3
21	25.5	BF	24.1	22.1	20.0	18.3	13.0	15.6	15.8	8.4	7.6	7.2	7.4	7.7	4.9	5.6	5.6	6.2	5.0	4.7	7.3	6.3	4.7	3.4	23	25.5
22	2.4	BF	1.7	2.1	4.0	5.0	5.8	5.6	5.5	3.6	4.1	3.2	1.8	1.5	2.2	2.9	3.6	6.0	10.5	14.6	25.1	31.2	28.7	26.3	23	31.2
23	23.1	BF	22.8	23.1	22.0	22.9	23.1	25.7	26.3	12.5	3.7	3.0	4.0	3.4	3.6	2.6	3.7	5.9	11.0	9.3	2.7	2.4	1.8	2.1	23	26.3
24	2.4	BF	3.1	3.1	2.7	3.2	5.0	6.9	5.2	4.1	2.6	2.0	1.7	1.7	2.2	3.3	5.8	12.1	19.5	26.4	26.4	19.5	15.3	9.4	23	26.4
25	7.5	BF	6.2	4.8	4.8	4.4	5.1	5.7	6.5	6.1	5.0	5.5	5.1	4.5	5.1	6.9	6.6	6.9	5.8	7.8	7.9	7.5	7.2	5.5	23	7.9
26	4.3	BF	5.6	6.8	6.7	11.1	21.2	22.0	17.8	11.1	5.7	3.6	3.1	2.5	2.6	3.3	4.7	9.0	9.1	12.3	9.9	7.8	6.4	5.6	23	22.0
27	5.0	BF	4.1	4.1	4.3	6.0	10.5	18.4	17.4	11.1	5.8	4.5	4.8	4.1	3.8	4.0	6.8	21.9	8.9	5.3	2.6	1.9	1.7	1.5	23	21.9
28	1.5	BF	1.6	1.8	1.7	1.8	3.0	3.2	3.2	3.4	2.4	2.9	2.4	2.8	2.7	3.4	3.6	4.2	3.7	3.3	3.6	3.4	3.8	3.9	23	4.2
29	3.8	BF	2.0	1.7	1.4	1.8	2.6	2.5	1.9	1.7	1.6	1.6	1.7	1.1	1.1	1.4	3.1	6.5	6.7	4.9	6.9	12.0	19.5	27.6	23	27.6
30	29.2	BF	28.0	27.7	28.4	27.8	27.4	23.7	16.4	11.7	6.3	2.0	3.3	1.7	1.7	2.0	3.2	11.7	29.9	32.0	33.6	36.8	36.0	34.3	23	36.8
31	33.0	BF	31.0	29.8	29.9	28.5	27.8	28.8	29.7	30.4	27.8	20.4	13.8	AX	AX	AX	11.4	21.6	37.0	34.8	39.9	38.1	38.1	37.4	20	39.9
NO.:	31		31	31	31	31	31	31	31	30	30	30	30	29	29	29	30	31	31	31	31	31	31	31		
MAX:	33.0		31.0	29.8	29.9	28.5	27.8	28.8	29.7	30.4	27.8	21.3	17.9	13.1	10.8	12.3	15.9	21.9	37.0	34.8	39.9	38.1	38.1	37.4		
AVG:	13.23		10.84	10.00	9.62	9.79	10.76	12.50	11.87	9.48	7.54	6.09	4.76	3.86	3.73	4.31	6.14	11.64	16.38	17.70	17.03	17.34	15.95	14.47		

MONTHLY OBSERVATIONS: 702 MONTHLY MEAN: 10.74 MONTHLY MAX: 39.9

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.

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-183-0014 POC: 1
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: 10102-44-0
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: (200) Teledyne-API Model 200EUP or T200U
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: FEBRUARY 2014

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	34.2	BF	32.5	32.1	30.0	30.8	27.2	24.0	22.0	23.6	12.9	5.5	4.8	5.2	9.5	6.7	8.0	8.5	12.6	14.4	17.1	17.5	18.4	15.1	23	34.2
2	12.5	BF	9.0	8.7	7.9	5.8	3.9	4.1	4.5	3.7	2.2	2.1	2.4	2.0	2.8	3.6	4.2	11.5	18.4	13.8	18.0	10.2	11.1	7.8	23	18.4
3	7.9	BF	7.5	6.2	4.5	3.1	4.2	5.8	6.0	7.4	6.0	6.0	8.6	6.4	4.9	3.9	5.4	4.8	4.4	2.8	2.4	2.2	2.3	1.9	23	8.6
4	2.0	BF	1.3	1.1	1.3	2.0	2.5	3.5	3.8	3.0	2.5	2.2	1.8	3.0	3.8	3.9	4.3	5.5	6.6	5.8	4.5	3.6	2.4	2.3	23	6.6
5	2.4	BF	2.9	3.0	3.1	3.9	5.2	10.9	13.6	13.5	12.2	10.1	6.4	5.5	4.8	5.7	6.9	14.1	14.9	10.7	7.7	5.1	2.2	2.5	23	14.9
6	2.8	BF	2.7	2.5	2.4	2.9	4.1	6.7	7.2	3.9	2.1	1.5	2.1	1.7	2.0	2.3	3.8	9.3	10.4	12.1	7.1	11.9	12.7	3.3	23	12.7
7	3.0	BF	3.7	3.6	4.5	4.3	7.3	15.4	13.7	11.3	6.1	3.7	3.8	5.0	6.2	6.5	6.2	14.5	28.1	29.8	27.7	20.4	14.7	10.1	23	29.8
8	11.2	BF	7.5	8.6	9.8	8.3	8.8	10.0	10.0	6.9	4.1	3.6	2.4	2.3	2.0	1.9	2.4	3.8	9.6	11.3	16.9	25.7	20.7	23.3	23	25.7
9	20.8	BF	20.9	20.0	18.2	16.2	14.7	14.3	6.9	4.4	5.0	3.4	4.5	4.6	3.3	2.7	3.1	10.4	21.8	26.1	29.0	29.1	17.6	14.2	23	29.1
10	13.7	BF	8.2	5.1	3.7	3.8	7.1	7.0	7.8	5.0	4.3	2.4	2.7	3.3	4.4	4.1	4.8	4.7	5.5	5.2	5.2	4.8	4.0	3.4	23	13.7
11	3.0	BF	3.6	3.4	2.4	2.8	3.5	4.4	4.7	4.2	3.3	3.1	3.4	4.1	4.4	4.3	4.6	4.7	5.8	6.2	5.7	5.4	4.5	4.3	23	6.2
12	4.3	BF	3.5	3.4	3.9	4.4	4.2	4.9	4.9	4.7	4.6	4.3	3.5	3.9	3.7	3.8	3.3	2.8	3.0	3.8	3.3	2.8	2.1	1.9	23	4.9
13	2.3	BF	3.9	2.6	2.2	1.6	1.6	2.8	3.6	3.6	3.9	5.0	7.3	6.6	6.9	6.6	5.1	5.8	7.1	6.6	8.8	6.4	6.7	7.7	23	8.8
14	5.2	BF	7.2	7.0	8.7	7.4	7.4	7.9	8.2	6.4	4.9	AX	AX	AX	AX	5.2	6.8	9.9	10.5	18.0	17.9	13.2	14.6	13.9	19	18.0
15	12.3	BF	6.4	7.0	6.0	7.5	10.7	17.4	17.0	9.2	5.2	2.6	2.3	1.9	1.3	1.2	1.4	1.8	2.5	3.2	3.5	2.5	3.0	3.5	23	17.4
16	3.0	BF	2.5	2.3	3.5	3.8	4.6	5.8	6.0	4.6	3.7	2.7	2.9	2.6	2.5	2.7	3.3	4.6	11.0	21.6	35.4	34.4	30.6	23.9	23	35.4
17	11.8	BF	5.5	3.8	7.0	7.0	5.6	6.8	3.3	2.5	4.0	1.9	1.3	1.6	1.7	2.4	3.4	5.7	10.6	16.8	12.6	4.2	1.8	1.2	23	16.8
18	1.3	BF	3.2	3.0	4.8	5.8	10.0	20.3	15.3	6.5	4.6	4.0	3.7	3.1	3.7	4.2	6.0	10.8	39.6	42.6	39.0	38.3	37.5	27.4	23	42.6
19	20.3	BF	8.5	5.8	2.8	4.9	4.7	9.7	10.3	10.0	8.5	7.7	5.1	3.0	2.8	3.4	4.8	11.2	29.0	32.4	31.9	28.4	22.7	19.9	23	32.4
20	16.8	BF	3.8	1.9	2.2	3.8	5.7	7.3	4.0	3.7	1.9	1.8	2.0	2.3	3.4	4.5	6.0	9.8	21.9	10.8	5.8	3.0	2.0	1.5	23	21.9
21	1.0	BF	.7	.7	.6	.9	2.0	2.7	2.4	2.4	2.8	3.3	5.7	8.2	7.6	5.5	2.8	5.5	10.7	24.7	17.0	19.3	21.3	8.3	23	24.7
22	13.1	BF	13.4	6.1	3.6	3.8	4.5	15.5	11.4	4.6	3.4	2.3	2.2	2.0	1.7	1.4	2.8	8.7	23.9	24.9	29.0	28.0	30.3	30.9	23	30.9
23	29.8	BF	25.7	18.5	16.9	17.4	16.6	13.1	14.0	15.2	5.6	2.8	2.6	2.0	1.7	2.7	4.4	6.7	7.9	8.3	9.2	8.4	8.2	7.6	23	29.8
24	5.4	BF	1.7	2.4	2.8	3.8	10.2	20.2	6.2	2.8	1.5	1.5	1.0	1.1	1.1	1.1	1.9	2.8	3.9	6.0	4.4	3.7	3.5	7.9	23	20.2
25	9.4	BF	7.6	11.9	15.9	17.1	20.8	23.6	15.1	10.0	11.1	9.0	3.8	2.4	1.6	2.2	2.7	4.6	10.9	14.5	12.0	15.3	13.4	13.3	23	23.6
26	8.7	BF	6.7	4.2	4.1	4.9	5.2	7.5	7.7	5.9	6.3	4.3	3.8	3.4	2.7	2.1	2.8	3.0	7.5	17.0	22.1	25.2	8.8	6.6	23	25.2
27	4.6	BF	2.9	3.0	5.2	13.0	27.6	28.9	20.6	15.1	6.9	3.6	3.1	3.0	3.3	3.6	4.9	4.6	8.3	19.7	8.7	6.6	3.5	2.6	23	28.9
28	2.9	BF	3.5	2.5	2.4	2.8	3.8	4.0	2.9	AX	AX	AX	AX	1.7	1.4	1.7	2.1	3.6	5.4	4.6	4.0	3.5	3.8	3.8	19	5.4
29																									0	
30																									0	
31																									0	
NO.:	28		28	28	28	28	28	28	28	27	27	26	26	27	27	28	28	28	28	28	28	28	28	28		
MAX:	34.2		32.5	32.1	30.0	30.8	27.6	28.9	22.0	23.6	12.9	10.1	8.6	8.2	9.5	6.7	8.0	14.5	39.6	42.6	39.0	38.3	37.5	30.9		
AVG:	9.49		7.38	6.44	6.44	6.92	8.35	10.88	9.04	7.19	5.17	3.86	3.58	3.40	3.53	3.57	4.22	6.92	12.56	14.78	14.50	13.54	11.59	9.65		

MONTHLY OBSERVATIONS: 636 MONTHLY MEAN: 8.00 MONTHLY MAX: 42.6

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.

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-183-0014 POC: 1
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: 10102-44-0
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: (200) Teledyne-API Model 200EUP or T200U
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MARCH 2014

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	3.6	BF	3.1	2.9	2.7	2.6	2.1	2.3	2.7	4.0	4.3	3.8	3.7	3.6	2.9	3.3	3.7	5.4	13.5	31.3	37.5	36.7	34.5	34.2	23	37.5
2	33.8	BF	26.3	23.3	21.9	19.9	20.6	17.0	11.1	6.9	3.6	2.4	2.1	2.0	2.1	2.2	3.0	4.9	6.3	5.0	5.7	5.7	4.7	3.1	23	33.8
3	3.3	BF	2.8	2.7	3.9	6.2	12.0	7.5	5.1	3.1	3.1	2.7	2.4	2.8	3.4	2.9	3.1	2.9	2.1	1.5	1.4	1.4	1.4	1.4	23	12.0
4	1.5	BF	2.5	2.7	3.1	4.4	5.0	5.3	3.3	2.6	2.4	1.8	2.1	2.4	2.5	2.5	3.4	4.1	4.6	5.6	5.0	6.1	5.5	5.3	23	6.1
5	4.8	BF	3.9	3.4	3.6	3.8	5.6	8.2	8.9	6.4	4.4	4.4	3.0	2.6	3.4	4.6	4.2	5.2	7.1	8.0	12.7	13.2	10.6	8.2	23	13.2
6	6.2	BF	5.2	5.2	6.1	9.3	13.3	13.1	9.4	7.6	6.1	4.9	3.1	2.9	3.4	3.6	4.0	3.3	2.6	1.9	1.5	1.1	.8	.7	23	13.3
7	.7	BF	1.2	1.4	1.6	1.6	2.0	2.8	2.8	2.7	2.1	2.0	2.5	3.0	3.0	3.4	4.0	4.9	4.6	5.6	5.4	5.6	3.8	4.0	23	5.6
8	5.4	BF	3.9	3.2	11.0	9.7	17.9	18.5	11.7	9.1	6.9	4.6	2.5	1.8	2.3	2.3	2.8	4.9	11.3	19.5	21.0	20.7	22.4	23.2	23	23.2
9	19.6	BF	7.0	11.3	11.1	11.7	7.4	12.9	6.9	1.7	.8	.6	.7	.6	.7	.6	.8	1.6	10.8	30.9	31.7	17.9	22.2	26.0	23	31.7
10	26.7	BF	21.6	18.0	17.6	19.3	18.7	18.3	AX	AX	AX	AX	AX	AX	AX	3.5	4.3	9.5	16.9	25.3	15.7	10.0	10.3	3.5	16	26.7
11	3.1	BF	3.0	3.5	7.7	24.4	36.0	34.0	19.7	7.1	3.2	2.6	4.5	3.8	3.2	4.0	6.1	6.3	18.4	25.9	17.8	15.6	16.9	12.9	23	36.0
12	7.6	BF	7.0	6.0	5.9	9.5	13.9	12.9	8.7	5.9	2.9	4.5	3.2	4.0	4.2	5.1	4.8	4.3	2.5	2.2	1.6	1.8	1.8	1.6	23	13.9
13	1.4	BF	1.0	1.0	.9	1.9	3.2	3.0	1.4	1.2	1.0	1.0	.9	1.1	.8	1.3	1.7	2.0	3.3	5.5	12.7	21.7	16.0	21.2	23	21.7
14	27.9	BF	28.3	29.0	27.7	26.6	27.3	26.7	21.6	7.5	4.2	3.3	3.8	4.2	3.6	4.5	4.2	5.2	8.1	9.9	4.3	2.3	3.0	2.2	23	29.0
15	2.0	BF	3.6	4.2	2.9	3.7	5.5	4.9	4.3	3.5	2.4	2.1	1.6	1.3	1.9	1.8	2.4	3.7	14.0	31.9	33.4	35.8	22.0	21.0	23	35.8
16	20.0	BF	12.8	11.7	6.2	3.8	4.4	4.2	3.5	2.4	2.1	3.2	3.5	2.5	1.8	2.1	2.8	3.1	2.0	1.6	1.4	1.2	1.0	1.1	23	20.0
17	1.0	BF	.8	.9	1.5	1.9	2.5	2.7	2.6	2.2	3.2	2.6	2.9	2.1	3.0	4.0	3.9	4.8	5.1	4.5	4.2	3.7	3.9	3.8	23	5.1
18	4.0	BF	4.2	3.8	3.3	3.6	4.2	4.3	4.3	3.8	3.4	3.5	3.2	3.3	4.1	4.9	4.9	6.4	5.8	4.2	3.4	3.4	2.5	2.6	23	6.4
19	2.6	BF	2.2	1.9	2.3	2.6	4.1	4.3	3.4	5.1	3.3	3.5	3.7	5.1	8.1	12.2	13.6	10.6	8.5	9.3	7.4	6.0	8.7	7.6	23	13.6
20	5.1	BF	5.4	5.8	9.6	9.1	18.2	11.8	10.0	4.8	3.1	2.3	2.3	2.6	1.3	2.4	3.0	4.0	16.1	38.2	36.0	39.0	25.5	12.2	23	39.0
21	6.5	BF	16.9	16.0	13.7	23.6	21.6	23.2	23.4	17.3	12.8	6.4	3.9	3.7	2.7	3.2	4.1	5.0	7.6	14.5	18.4	18.5	8.6	4.5	23	23.6
22	3.3	BF	3.3	3.1	4.4	6.9	12.9	13.7	7.5	3.5	2.8	2.7	2.0	2.4	1.9	3.1	3.9	7.2	13.0	21.9	39.3	35.7	18.9	14.7	23	39.3
23	9.8	BF	12.4	13.9	9.6	5.8	2.9	2.7	2.2	1.7	1.7	2.1	3.0	3.6	2.9	2.5	2.3	2.5	2.5	1.6	2.0	2.5	2.8	2.8	23	13.9
24	5.5	BF	2.8	2.2	3.4	3.7	9.0	6.0	2.0	AX	AX	AX	AX	AX	1.6	2.9	4.5	4.1	9.3	9.8	6.2	5.7	4.5	4.7	18	9.8
25	3.2	BF	1.9	2.6	2.6	5.3	8.4	6.1	3.6	4.7	3.6	3.3	2.2	2.0	2.6	3.2	3.4	3.8	3.7	3.3	3.0	2.6	2.9	3.4	23	8.4
26	3.5	BF	1.4	1.6	2.8	3.2	5.6	5.3	2.7	1.6	1.1	1.3	1.1	1.3	1.2	1.4	1.7	2.1	2.9	7.6	13.4	26.5	32.3	31.3	23	32.3
27	30.7	BF	27.8	26.1	27.4	24.7	20.9	14.6	AZ	AZ	AZ	AZ	AZ	AZ	AZ	2.7	3.5	4.5	7.4	9.8	7.5	5.7	4.2	2.7	16	30.7
28	2.4	BF	3.6	3.8	3.9	9.6	19.8	18.4	13.2	5.6	4.1	3.2	5.0	4.9	4.6	4.8	4.8	5.7	8.6	14.2	11.8	12.6	9.6	6.4	23	19.8
29	5.7	BF	7.1	7.8	6.6	9.4	13.8	9.0	6.7	3.9	2.3	3.0	2.5	1.4	2.0	4.1	5.1	5.4	5.5	6.5	5.7	6.2	4.9	3.7	23	13.8
30	1.9	BF	2.8	2.2	1.6	1.4	1.7	1.9	1.4	1.2	1.0	.8	.9	.7	.7	.8	.8	.8	.8	.8	1.2	2.1	1.7	1.7	23	2.8
31	1.6	BF	2.4	2.8	4.3	5.6	6.5	4.0	2.1	2.2	1.9	1.1	.8	.8	.9	.8	1.0	2.0	9.8	32.7	39.7	26.4	33.9	30.8	23	39.7
NO.:	31		31	31	31	31	31	31	29	28	28	28	28	28	29	31	31	31	31	31	31	31	31	31		
MAX:	33.8		28.3	29.0	27.7	26.6	36.0	34.0	23.4	17.3	12.8	6.4	5.0	5.1	8.1	12.2	13.6	10.6	18.4	38.2	39.7	39.0	34.5	34.2		
AVG:	8.21		7.36	7.23	7.45	8.86	11.19	10.31	7.11	4.62	3.35	2.85	2.61	2.59	2.65	3.25	3.74	4.52	7.57	12.60	13.16	12.69	11.03	9.76		

MONTHLY OBSERVATIONS: 694 MONTHLY MEAN: 7.26 MONTHLY MAX: 39.7

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.

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-183-0014 POC: 1
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: 10102-44-0
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: (200) Teledyne-API Model 200EUP or T200U
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: APRIL 2014

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

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	29.5	BF	21.6	17.5	15.4	17.2	18.7	20.7	14.4	10.9	12.1	12.8	3.4	2.8	2.8	2.7	3.6	6.4	16.5	36.6	29.5	41.3	27.2	13.1	23	41.3
2	7.4	BF	10.8	9.3	12.0	15.4	23.4	24.3	20.3	5.8	4.9	4.0	2.6	2.7	2.7	3.2	4.3	6.3	18.0	26.7	13.2	9.0	8.1	7.4	23	26.7
3	7.3	BF	6.1	4.8	6.8	5.3	9.4	7.0	6.4	4.9	3.6	3.3	3.5	3.5	4.6	6.1	5.2	8.6	15.2	31.3	21.0	16.2	11.1	7.6	23	31.3
4	4.5	BF	4.0	8.8	5.7	10.2	16.1	14.0	9.2	8.8	4.9	3.7	3.5	2.8	2.9	2.8	2.8	4.3	6.1	6.0	5.6	4.9	4.1	2.7	23	16.1
5	2.2	BF	2.3	4.2	4.3	5.9	2.4	1.9	1.2	1.0	.8	.6	.7	1.3	1.3	.7	.9	1.1	2.6	2.9	2.9	1.7	1.5	1.5	23	5.9
6	1.3	BF	.8	.8	1.0	1.3	1.2	1.2	1.1	2.0	1.0	.8	.9	.6	.7	1.3	1.7	2.6	3.5	2.8	2.4	1.3	.8	.7	23	3.5
7	.6	BF	1.1	1.1	2.2	3.0	3.2	4.5	5.0	AX	AX	AX	AX	7.4	10.4	9.1	7.1	12.0	10.7	5.1	3.8	1.9	1.9	1.2	19	12.0
8	.9	BF	.9	1.7	2.1	4.5	9.0	8.6	5.8	3.6	1.8	1.4	1.4	2.0	2.0	1.2	1.9	1.8	4.2	6.9	7.6	6.1	2.1	1.9	23	9.0
9	1.6	BF	1.4	1.1	1.9	4.8	17.5	17.5	7.7	2.4	1.0	1.2	1.2	1.1	1.4	1.6	2.2	3.0	10.1	31.8	41.8	30.6	27.6	29.0	23	41.8
10	24.3	BF	21.4	19.6	18.9	18.7	18.2	20.0	18.2	10.3	5.2	2.7	2.3	2.5	2.6	3.3	4.4	4.5	7.1	9.4	12.3	4.9	3.0	2.5	23	24.3
11	2.6	BF	2.4	2.6	5.0	11.8	15.0	10.2	5.9	4.3	3.1	3.2	2.5	2.9	2.9	3.9	4.0	4.6	6.3	8.0	10.7	8.9	8.2	4.9	23	15.0
12	3.1	BF	2.3	2.9	5.0	9.9	14.5	11.6	5.2	2.4	2.3	1.4	.8	1.3	1.1	1.8	1.9	3.0	7.9	12.9	15.0	5.3	3.5	3.8	23	15.0
13	2.6	BF	2.5	2.2	2.1	3.5	4.9	3.0	1.9	1.8	1.3	1.8	1.4	1.5	1.5	1.6	1.8	2.8	3.8	4.2	2.2	1.9	1.6	1.2	23	4.9
14	1.3	BF	1.9	1.7	2.7	8.5	10.7	6.7	5.4	3.2	2.0	2.1	3.5	3.6	3.7	3.5	6.8	5.5	3.1	2.9	1.9	1.8	1.8	1.1	23	10.7
15	.9	BF	.6	.7	.8	2.6	6.1	9.0	8.1	5.4	4.5	6.1	4.5	4.4	3.7	4.4	4.6	2.9	1.9	3.0	2.0	1.5	1.4	1.2	23	9.0
16	.9	BF	1.0	1.0	1.6	2.5	3.3	2.2	1.4	1.2	.9	.9	.8	.8	.8	.7	1.7	1.2	2.2	5.7	4.5	3.4	2.3	2.7	23	5.7
17	2.0	BF	2.5	2.7	3.3	7.2	11.4	5.1	2.2	1.5	1.2	.8	.9	.6	1.1	.7	2.2	1.7	2.2	4.4	2.1	1.0	1.1	1.0	23	11.4
18	.8	BF	.8	.9	1.3	2.6	4.4	1.8	.9	1.0	1.4	1.4	1.2	.9	.9	1.0	1.7	3.2	3.3	2.3	4.0	4.9	3.3	1.2	23	4.9
19	.9	BF	1.0	1.0	.7	.9	1.1	.9	1.1	1.2	1.0	1.0	1.0	.6	.9	.8	.9	1.1	1.2	1.4	1.3	1.2	.8	.8	23	1.4
20	1.1	BF	.8	.8	.7	.6	.8	1.0	1.0	.6	.4	.3	.3	.3	.3	.3	.4	.5	.5	.5	.4	.4	.4	.3	23	1.1
21	.3	BF	1.5	1.4	1.5	2.4	4.1	4.1	2.4	AX	AX	AX	AX	1.4	1.5	1.7	2.0	3.0	9.9	22.9	28.9	35.1	32.5	31.1	19	35.1
22	27.4	BF	21.0	21.9	21.8	18.7	22.4	25.3	16.6	8.5	6.5	4.8	2.0	2.8	1.8	3.3	4.2	3.9	3.9	4.1	5.0	3.2	1.9	2.0	23	27.4
23	1.8	BF	2.3	2.3	3.7	5.5	5.5	3.1	1.8	1.4	1.1	.9	.9	1.2	.9	1.1	1.4	1.6	3.0	7.8	14.7	8.3	3.9	3.0	23	14.7
24	2.5	BF	3.5	5.1	9.2	13.2	14.1	7.3	2.6	2.2	1.2	1.4	2.1	3.2	4.9	3.6	4.8	4.9	8.1	17.9	16.8	14.0	10.8	5.6	23	17.9
25	4.3	BF	4.0	5.3	5.3	8.4	10.1	7.3	5.1	4.1	2.4	2.4	2.4	1.9	3.7	4.6	4.9	6.1	2.9	4.4	6.2	3.4	2.9	3.6	23	10.1
26	3.8	BF	.9	1.0	1.2	7.3	7.4	3.4	2.7	1.9	1.9	1.4	1.5	1.3	1.7	1.6	2.1	2.9	5.3	11.9	10.3	9.1	4.9	4.2	23	11.9
27	3.4	BF	1.9	1.4	1.4	1.5	3.0	2.4	1.1	.8	.8	.6	.9	1.0	1.1	1.6	1.7	4.7	6.1	5.9	2.6	1.3	1.0	1.0	23	6.1
28	.7	BF	.9	1.0	1.1	2.0	3.7	3.7	3.8	4.7	2.5	2.5	3.1	2.3	1.4	1.9	1.7	1.4	1.3	1.7	1.9	1.0	1.0	1.0	23	4.7
29	.8	BF	1.1	1.1	1.3	2.1	2.9	3.0	2.6	2.0	2.0	2.5	2.4	2.1	2.0	2.0	2.6	2.3	4.3	3.1	4.0	4.1	4.9	4.4	23	4.9
30	1.3	BF	.6	.4	.7	1.9	4.1	3.5	2.6	2.1	1.4	2.1	3.2	3.4	2.3	3.0	5.3	4.1	3.2	3.3	2.9	3.1	1.6	1.1	23	5.3
31																									0	
NO.:	30		30	30	30	30	30	30	30	28	28	28	28	30	30	30	30	30	30	30	30	30	30	30		
MAX:	29.5		21.6	21.9	21.8	18.7	23.4	25.3	20.3	10.9	12.1	12.8	4.5	7.4	10.4	9.1	7.1	12.0	18.0	36.6	41.8	41.3	32.5	31.1		
AVG:	4.74		4.13	4.21	4.69	6.65	8.95	7.81	5.46	3.57	2.61	2.43	1.96	2.14	2.32	2.50	3.03	3.73	5.81	9.59	9.25	7.69	5.91	4.76		

MONTHLY OBSERVATIONS: 682 MONTHLY MEAN: 4.98 MONTHLY MAX: 41.8

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

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-183-0014 POC: 1
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: 10102-44-0
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: (200) Teledyne-API Model 200EUP or T200U
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MAY 2014

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.2	BF	1.4	1.5	2.7	6.2	8.7	6.9	5.9	3.4	2.4	2.4	2.9	3.2	3.8	4.7	5.5	5.2	5.0	4.6	4.5	3.7	2.8	2.7	23	8.7
2	2.3	BF	2.3	1.8	2.4	3.7	6.0	4.7	AX	AX	AX	AX	3.3	4.4	4.8	3.8	4.5	5.0	9.0	10.3	12.1	7.6	9.5	11.3	19	12.1
3	6.7	BF	7.3	6.7	5.6	8.0	12.1	8.6	3.9	2.3	1.8	1.2	1.0	1.0	1.0	.9	1.7	2.1	4.7	15.8	19.9	23.5	13.7	7.8	23	23.5
4	5.1	BF	2.0	2.9	3.5	4.5	5.8	3.4	1.5	.7	.9	1.0	1.5	1.1	1.3	1.2	2.0	2.5	4.4	9.0	9.8	5.6	4.6	4.3	23	9.8
5	4.0	BF	9.0	7.9	1.9	3.0	4.6	3.1	2.0	1.5	1.7	1.5	1.2	1.7	1.8	2.1	2.1	2.9	3.4	3.4	3.8	2.8	2.9	2.4	23	9.0
6	1.7	BF	1.7	1.6	1.7	3.2	4.7	3.8	4.1	3.4	2.8	2.1	2.2	1.6	1.5	1.6	3.2	2.2	6.0	5.4	2.8	3.1	2.4	1.8	23	6.0
7	1.7	BF	1.0	1.2	2.1	4.3	5.9	4.6	4.0	2.8	2.0	2.0	1.8	1.5	1.1	2.4	2.9	5.0	4.5	7.1	12.6	15.6	10.1	12.9	23	15.6
8	12.5	BF	7.2	10.7	14.4	11.0	13.3	17.2	9.5	4.6	2.0	1.6	2.2	2.7	2.6	3.5	5.2	4.3	6.0	16.2	16.3	13.7	12.0	12.0	23	17.2
9	12.5	BF	7.0	6.9	7.4	10.3	10.2	6.7	4.0	3.6	2.4	2.7	2.8	3.0	3.1	3.7	4.6	5.7	7.5	6.9	2.4	5.3	11.2	9.8	23	12.5
10	5.9	BF	3.0	3.3	2.8	3.8	4.7	3.5	3.7	2.5	1.9	1.7	1.8	1.8	2.4	2.5	3.3	1.6	2.0	3.4	8.8	10.4	7.5	5.0	23	10.4
11	3.4	BF	4.8	3.2	2.5	4.3	3.1	2.0	1.2	.6	.4	.3	.4	.5	.4	.5	.4	.7	1.6	2.8	29.6	14.2	17.3	14.3	23	29.6
12	15.5	BF	14.0	13.1	10.6	7.9	10.3	13.6	11.4	9.6	3.3	2.0	1.6	1.9	1.7	2.2	3.1	3.5	5.8	15.3	17.5	15.0	7.5	7.3	23	17.5
13	6.6	BF	4.4	5.2	7.4	9.7	12.0	8.0	4.0	1.9	2.0	1.5	1.9	2.8	1.8	2.9	5.2	3.7	8.5	17.2	13.5	12.1	4.9	2.7	23	17.2
14	2.1	BF	2.1	2.3	3.7	11.0	9.8	6.2	3.9	4.4	2.2	1.1	1.9	1.4	1.3	1.6	2.5	2.0	3.1	3.6	2.8	1.9	1.6	1.2	23	11.0
15	1.1	BF	1.2	1.1	1.9	3.2	3.3	4.4	1.7	1.4	1.3	1.1	4.8	8.0	10.5	5.1	3.8	2.3	2.0	2.1	1.5	1.0	.7	.4	23	10.5
16	.5	BF	1.1	1.2	1.4	1.7	3.1	2.4	1.2	AX	AX	AX	AX	2.6	1.7	2.1	2.9	2.2	3.7	8.9	12.7	7.2	3.9	3.7	19	12.7
17	2.2	BF	.7	.7	2.8	2.3	3.4	2.2	1.1	1.1	.7	.6	.6	.5	.6	.5	.8	1.0	1.7	5.1	14.0	6.6	6.2	9.7	23	14.0
18	5.3	BF	1.6	1.7	1.4	1.4	1.3	1.3	1.0	.5	.6	.7	.6	.5	.6	.5	.5	.5	.8	2.4	13.8	16.3	15.0	15.7	23	16.3
19	13.8	BF	5.1	9.5	8.6	9.8	10.0	7.6	4.1	1.2	.7	.6	.6	1.0	1.0	.5	1.4	.8	5.0	13.1	17.2	15.4	18.4	12.7	23	18.4
20	10.7	BF	7.8	11.0	12.6	20.7	19.8	9.0	5.2	3.4	2.6	2.1	2.1	2.7	2.2	2.9	3.7	3.5	4.3	10.2	11.8	8.7	6.7	3.7	23	20.7
21	2.5	BF	2.7	2.0	2.2	4.6	8.8	5.5	4.3	4.2	2.3	1.8	2.1	2.1	2.3	2.5	2.9	4.8	4.8	7.4	8.2	9.6	6.3	4.1	23	9.6
22	1.8	BF	2.1	2.8	5.3	8.9	9.3	6.5	4.1	3.1	1.2	.9	1.0	2.0	1.8	2.2	2.7	2.9	5.0	8.4	4.5	3.4	12.7	13.1	23	13.1
23	15.7	BF	6.2	4.7	4.0	6.9	13.5	7.5	2.5	1.9	1.7	1.1	1.5	1.4	1.6	1.6	2.4	1.7	3.1	12.1	23.9	8.4	2.8	1.7	23	23.9
24	1.3	BF	1.0	1.3	1.5	2.5	2.8	1.6	1.1	.5	.5	.5	.5	.3	.3	.4	.4	.4	1.1	3.6	5.9	7.2	4.7	3.4	23	7.2
25	3.1	BF	5.3	5.2	5.9	6.2	5.3	4.9	4.0	2.5	.8	.6	.6	1.1	1.6	1.4	1.2	1.9	1.7	7.4	13.4	16.6	13.1	6.3	23	16.6
26	3.3	BF	3.2	2.9	3.9	5.8	4.1	2.7	1.5	1.2	1.2	1.4	1.1	1.3	1.7	1.4	1.7	2.0	3.0	7.1	10.6	5.0	2.7	1.7	23	10.6
27	2.2	BF	1.8	1.9	2.8	5.6	7.3	4.5	3.3	3.2	1.8	1.6	1.8	2.4	2.1	2.9	5.5	5.3	7.0	13.7	12.1	11.2	9.1	5.5	23	13.7
28	4.4	BF	6.3	4.2	4.5	6.4	8.2	6.1	5.2	AX	AX	AX	1.4	.8	.9	2.1	2.8	3.0	3.7	8.0	12.8	18.2	23.9	4.7	20	23.9
29	1.0	BF	2.1	2.3	2.8	3.1	3.7	3.2	6.3	3.4	1.9	1.7	1.3	1.0	.9	1.3	1.4	1.7	2.7	1.9	1.9	1.8	1.4	1.4	23	6.3
30	1.6	BF	1.3	1.1	1.1	3.2	3.5	3.0	2.4	2.1	1.8	2.2	2.7	3.6	4.3	2.1	1.1	1.2	2.8	3.2	4.5	3.9	4.4	3.2	23	4.5
31	2.2	BF	2.2	3.1	3.8	3.3	4.0	2.2	1.3	.9	.7	.5	.5	.5	.6	.4	.7	.7	1.0	2.4	2.5	3.1	3.8	4.6	23	4.6
NO.:	31		31	31	31	31	31	31	30	28	28	28	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:	15.7		14.0	13.1	14.4	20.7	19.8	17.2	11.4	9.6	3.3	2.7	4.8	8.0	10.5	5.1	5.5	5.7	9.0	17.2	29.6	23.5	23.9	15.7		
AVG:	4.96		3.84	4.03	4.36	6.02	7.18	5.38	3.65	2.57	1.63	1.38	1.66	1.95	2.04	2.05	2.65	2.65	4.03	7.68	10.57	8.97	7.86	6.16		

MONTHLY OBSERVATIONS: 702 MONTHLY MEAN: 4.53 MONTHLY MAX: 29.6

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.

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-183-0014 POC: 1
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: 10102-44-0
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: (200) Teledyne-API Model 200EUP or T200U
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JUNE 2014

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

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	4.3	BF	2.3	1.3	1.7	1.7	1.6	1.5	.7	.8	.6	1.0	.6	.4	.4	.5	.7	1.2	1.6	2.2	3.5	4.2	3.0	2.3	23	4.3
2	2.2	BF	3.7	6.6	5.6	5.2	8.9	8.2	9.5	6.7	3.4	2.7	2.1	1.2	1.5	2.5	3.7	2.7	4.0	8.3	13.9	23.7	24.8	20.1	23	24.8
3	18.0	BF	8.3	6.8	8.4	12.9	13.0	8.3	5.0	3.0	2.2	1.6	1.2	2.2	1.5	1.8	3.6	7.0	11.1	9.3	16.7	14.0	9.1	6.1	23	18.0
4	7.2	BF	11.0	10.0	7.8	12.3	13.5	9.4	5.6	3.6	1.2	1.0	.7	2.1	1.8	3.1	5.8	5.9	8.8	10.3	10.4	10.2	8.3	4.1	23	13.5
5	2.4	BF	1.9	2.3	3.1	5.9	6.8	4.6	3.5	2.3	1.7	1.8	1.7	2.2	1.1	2.1	1.8	2.1	2.0	3.9	2.3	3.7	3.3	3.1	23	6.8
6	1.6	BF	.8	1.1	1.6	3.5	5.8	BC	BC	BC	BC	BC	BC	BC	.9	1.1	1.8	1.4	2.5	7.2	4.4	4.2	4.5	7.4	16	7.4
7	9.0	BF	6.4	4.5	5.6	5.4	8.5	3.7	2.2	1.5	.9	.7	.9	.5	.4	.3	.5	1.2	2.8	5.7	7.2	8.6	10.7	6.6	23	10.7
8	4.5	BF	3.2	2.9	3.7	4.2	4.0	2.4	1.6	1.5	1.3	1.2	1.0	1.3	1.2	1.9	3.1	3.7	2.5	3.3	3.3	2.3	2.1	1.6	23	4.5
9	1.0	BF	1.3	1.4	2.1	5.0	5.8	4.9	6.5	5.1	4.4	2.4	2.0	2.3	2.3	1.4	2.0	3.2	2.7	2.4	3.4	5.3	2.4	2.0	23	6.5
10	2.0	BF	1.6	3.0	3.9	8.1	10.2	7.8	3.4	2.9	2.1	1.9	1.5	1.9	1.4	1.5	1.6	1.9	2.2	12.1	14.6	11.0	9.2	8.4	23	14.6
11	6.9	BF	3.1	4.2	5.7	8.7	4.4	2.7	2.1	1.7	1.5	1.0	1.4	1.4	2.3	4.9	3.3	3.3	3.1	3.2	3.4	4.7	3.6	2.4	23	8.7
12	2.9	BF	1.9	2.2	2.8	3.6	4.7	6.6	4.9	3.7	3.5	5.0	4.2	1.8	1.6	3.5	4.2	2.7	2.2	2.9	5.6	7.2	9.2	5.6	23	9.2
13	3.4	BF	6.0	5.5	5.2	8.9	8.5	6.3	4.6	3.2	3.5	3.0	3.4	3.6	2.3	2.5	3.5	2.8	2.0	5.0	9.0	9.6	12.0	9.4	23	12.0
14	9.2	BF	3.2	1.9	1.6	1.7	1.6	1.0	.8	.8	.8	.6	.6	.3	.3	.5	.6	1.0	1.5	4.5	8.2	8.7	10.5	9.5	23	10.5
15	5.4	BF	5.3	5.1	3.6	1.8	1.3	1.2	1.0	1.1	.4	.4	.6	.6	.5	.7	.7	.9	2.3	6.6	8.6	7.0	6.2	4.3	23	8.6
16	2.2	BF	2.8	2.7	4.0	6.7	3.8	3.5	2.6	2.2	1.5	1.5	1.0	.9	1.4	3.3	5.0	5.7	7.7	10.1	7.0	2.6	3.7	2.8	23	10.1
17	1.8	BF	3.6	2.4	3.4	4.7	5.9	4.6	4.4	3.6	2.7	1.9	1.4	1.5	1.7	1.5	1.6	4.6	5.3	5.4	4.1	4.2	4.6	2.8	23	5.9
18	3.0	BF	1.9	2.1	2.6	4.7	6.8	5.7	3.8	2.7	2.7	2.4	1.9	1.9	1.3	1.9	2.6	3.9	4.6	5.2	7.0	6.9	3.8	3.9	23	7.0
19	2.3	BF	3.1	3.1	4.0	7.2	6.8	6.3	AX	AV	AV	AV	AX	AX	AX	AX	3.6	3.5	5.9	3.3	3.7	6.4	7.5	7.5	15	7.5
20	6.1	BF	4.3	5.0	7.0	8.7	4.8	5.1	3.8	3.0	1.5	1.7	1.2	.9	1.0	2.0	2.8	3.5	3.4	9.9	15.0	12.0	2.5	5.0	23	15.0
21	3.7	BF	5.3	4.3	4.5	4.7	5.0	3.2	2.3	2.0	2.1	1.3	.8	1.1	1.2	.9	1.6	3.7	3.8	5.4	5.6	2.5	2.0	3.4	23	5.6
22	4.5	BF	1.0	.9	1.1	1.0	1.0	.9	.9	1.1	1.2	.9	.7	.7	.5	.8	.6	1.2	.8	1.1	1.2	1.8	1.5	1.4	23	4.5
23	1.3	BF	1.3	1.1	1.3	2.6	3.3	2.4	1.2	1.2	.6	.8	.8	.6	.7	1.5	2.3	1.4	2.5	3.5	7.5	4.8	3.0	2.3	23	7.5
24	2.4	BF	2.4	2.2	2.1	4.2	5.4	4.2	2.4	1.2	1.1	.7	1.2	.9	1.7	2.2	3.8	4.9	4.6	4.9	5.4	5.4	5.1	3.4	23	5.4
25	2.4	BF	3.0	2.8	2.3	4.8	7.0	6.4	4.3	3.1	2.2	2.0	1.6	2.1	1.8	2.4	3.2	4.2	3.0	6.0	11.8	13.7	15.8	12.4	23	15.8
26	4.7	BF	2.8	3.1	4.0	5.9	5.5	3.8	2.2	1.0	.8	1.2	.6	.7	.7	.8	1.1	1.0	2.2	5.9	4.2	3.2	1.4	1.0	23	5.9
27	1.8	BF	1.3	1.5	1.7	3.3	4.4	3.7	2.1	1.6	1.8	2.0	1.4	.8	1.8	3.1	2.6	3.2	3.0	2.8	3.0	2.4	1.4	1.5	23	4.4
28	2.4	BF	1.1	.9	.7	.8	1.0	1.0	.9	.6	.5	.4	.4	.4	1.1	.8	.6	1.3	1.6	2.8	2.7	2.4	1.7	2.0	23	2.8
29	1.3	BF	1.6	1.9	1.9	1.4	1.2	.8	.5	.5	.2	.5	.5	.6	.5	.4	.8	1.3	2.5	5.3	5.6	3.4	3.3	4.2	23	5.6
30	4.7	BF	3.2	3.6	5.5	8.1	9.8	7.6	3.9	2.5	1.7	1.6	1.1	1.2	1.5	1.5	2.1	3.3	3.5	3.9	4.8	3.7	4.4	2.7	23	9.8
31																									0	
NO.:	30		30	30	30	30	30	29	28	28	28	28	28	28	29	29	30	30	30	30	30	30	30	30		
MAX:	18.0		11.0	10.0	8.4	12.9	13.5	9.4	9.5	6.7	4.4	5.0	4.2	3.6	2.3	4.9	5.8	7.0	11.1	12.1	16.7	23.7	24.8	20.1		
AVG:	4.15		3.29	3.21	3.62	5.26	5.68	4.41	3.10	2.29	1.72	1.54	1.30	1.29	1.26	1.77	2.37	2.92	3.52	5.41	6.77	6.66	6.02	4.97		

MONTHLY OBSERVATIONS: 675 MONTHLY MEAN: 3.62 MONTHLY MAX: 24.8

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.

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-183-0014 POC: 1
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: 10102-44-0
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: (200) Teledyne-API Model 200EUP or T200U
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JULY 2014

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

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	BF	1.7	2.1	3.4	7.6	10.6	9.3	5.4	4.0	2.1	2.1	1.9	1.7	1.8	3.0	3.6	2.8	4.0	6.6	6.2	5.8	3.5	3.2	23	10.6
2	1.8	BF	2.2	2.3	3.4	6.3	7.4	5.6	3.9	AI	AX	AX	AX	1.9	2.0	2.3	2.8	3.6	3.3	3.4	3.0	2.2	2.3	1.8	19	7.4
3	1.4	BF	1.2	1.5	3.0	3.7	4.2	4.2	1.7	1.9	1.9	1.4	1.6	2.2	2.3	2.1	4.0	3.7	3.2	3.0	3.3	3.5	1.3	3.7	23	4.2
4	3.0	BF	1.2	1.0	1.1	1.2	1.5	1.1	.7	.6	.4	.4	.4	.4	.5	.5	.5	.6	.8	1.6	2.8	3.7	3.3	2.7	23	3.7
5	1.5	BF	2.0	2.2	2.5	1.1	1.1	.6	.4	.3	.2	.2	.2	.3	.4	.7	.8	1.3	1.7	3.8	6.5	7.7	9.1	7.3	23	9.1
6	5.5	BF	5.6	5.2	5.2	4.8	4.4	2.2	2.1	1.5	.8	.8	.8	1.1	.7	1.0	1.0	1.9	1.9	4.3	6.2	6.0	4.4	3.3	23	6.2
7	2.1	BF	2.1	3.0	2.8	6.9	7.5	5.2	4.2	2.2	2.1	1.9	1.8	1.6	2.0	2.4	3.0	2.8	3.7	4.5	6.0	4.5	2.7	2.1	23	7.5
8	1.5	BF	2.0	2.5	3.3	6.0	6.4	4.8	3.2	2.6	1.7	1.9	1.9	1.9	2.3	2.8	3.3	2.9	3.5	4.9	4.8	3.8	2.7	1.8	23	6.4
9	2.4	BF	2.6	2.7	5.2	6.9	7.6	7.5	4.9	4.0	2.4	3.0	2.0	1.7	3.1	6.8	5.9	5.5	5.4	7.7	4.6	8.2	7.3	7.2	23	8.2
10	6.9	BF	6.2	6.6	5.3	8.1	9.2	8.0	6.4	5.7	3.3	2.6	2.2	1.4	1.0	1.2	2.1	2.8	3.3	5.7	11.8	8.1	5.2	4.5	23	11.8
11	3.9	BF	2.5	2.4	2.1	2.7	3.8	2.9	2.8	2.1	1.3	1.0	1.0	.8	1.0	1.5	1.9	3.1	2.5	6.8	9.1	8.0	7.6	5.4	23	9.1
12	6.9	BF	6.8	7.0	6.1	5.5	5.3	4.0	1.6	1.0	.7	.9	.8	.9	1.0	1.0	1.3	1.6	2.4	5.4	8.6	7.6	6.3	4.0	23	8.6
13	3.8	BF	3.9	4.0	3.6	3.4	4.4	3.0	2.1	1.4	1.1	1.6	1.1	1.2	1.0	1.3	1.6	2.1	2.5	7.2	6.9	5.5	3.3	2.4	23	7.2
14	1.7	BF	1.9	2.3	2.9	5.5	7.0	5.7	5.1	4.0	2.3	2.1	1.5	1.9	2.1	2.3	3.2	3.7	2.7	4.6	5.9	6.1	3.6	1.9	23	7.0
15	1.7	BF	2.0	2.3	3.2	4.8	6.2	4.9	3.9	2.9	3.7	3.9	2.7	1.6	2.8	3.5	3.0	5.9	7.4	7.8	5.1	3.4	4.4	6.6	23	7.8
16	6.9	BF	2.8	3.0	4.2	9.7	7.3	5.8	3.3	AX	AX	AX	AX	AX	1.1	1.1	1.1	1.4	2.8	6.0	5.4	8.6	7.3	5.7	18	9.7
17	4.5	BF	4.0	4.5	5.5	5.6	8.6	4.1	3.3	3.2	2.9	1.2	1.3	1.5	1.8	2.7	1.2	1.1	1.9	3.7	7.9	7.4	5.9	6.0	23	8.6
18	4.1	BF	3.4	3.5	2.6	5.1	6.3	6.3	2.5	1.4	1.0	1.7	1.3	1.2	1.2	1.6	2.1	3.5	4.4	5.4	5.9	4.3	3.4	3.3	23	6.3
19	3.3	BF	1.4	1.5	1.6	2.0	2.7	2.2	1.8	1.1	1.1	1.0	.5	.4	.4	.6	.7	.9	1.4	2.1	2.6	2.1	1.6	1.8	23	3.3
20	2.2	BF	1.3	1.1	1.5	1.8	1.7	1.6	1.5	1.7	1.5	1.9	1.4	.9	.7	.9	1.3	1.2	2.2	2.3	1.6	2.0	2.5	3.0	23	3.0
21	2.0	BF	1.4	1.4	2.3	3.4	4.8	3.9	4.5	3.7	2.3	2.9	5.2	4.6	3.8	4.2	3.6	3.6	3.9	4.3	4.4	4.5	4.3	3.3	23	5.2
22	3.2	BF	1.0	1.0	1.4	2.3	3.7	2.7	2.1	1.3	.8	.6	.9	1.1	5.8	3.7	3.8	1.9	2.3	5.0	4.8	4.1	4.2	4.3	23	5.8
23	4.5	BF	3.5	3.7	4.0	4.9	6.2	5.3	2.7	1.6	1.4	1.4	1.9	1.8	1.5	2.2	2.2	3.3	3.5	4.7	5.5	5.9	8.3	5.5	23	8.3
24	4.1	BF	2.7	2.7	4.0	4.6	4.9	4.2	2.8	2.5	1.3	3.5	1.9	.8	1.5	2.3	1.9	2.1	3.2	2.3	1.1	1.3	1.3	1.4	23	4.9
25	1.4	BF	1.8	2.0	2.8	4.7	3.2	2.3	2.1	1.0	.9	1.1	.8	.8	1.0	2.6	3.9	3.0	3.8	5.9	6.9	7.2	8.0	6.8	23	8.0
26	6.4	BF	6.5	6.3	3.9	3.2	3.6	3.4	4.0	2.7	1.8	1.7	1.3	1.7	1.5	1.6	2.0	2.8	4.7	8.5	17.7	17.5	14.6	10.9	23	17.7
27	6.9	BF	4.0	3.3	3.7	3.2	3.2	1.9	1.5	2.0	3.5	3.2	4.2	1.8	1.6	3.2	2.4	3.2	7.3	11.1	6.4	3.5	2.2	1.7	23	11.1
28	2.5	BF	1.0	.9	1.4	2.6	4.6	4.5	4.4	2.2	2.0	1.7	1.4	1.4	1.3	2.0	2.8	2.9	3.0	2.9	3.3	2.8	2.6	2.3	23	4.6
29	2.1	BF	5.0	4.6	3.1	3.4	5.6	3.5	2.2	1.3	1.1	.8	.9	.7	.6	.6	1.6	3.1	4.1	6.9	8.6	7.5	5.8	5.2	23	8.6
30	4.3	BF	2.1	1.7	2.1	4.2	4.3	3.4	2.8	1.5	1.3	AX	AX	AX	AX	1.1	3.4	2.6	3.9	4.7	7.3	8.1	6.0	5.0	19	8.1
31	3.8	BF	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	2.1	1.5	2.3	1.6	2.3	2.0	3.3	5.2	6.5	5.2	6.0	5.2	4.5	3.3	15	6.5
NO.:	31		30	30	30	30	30	30	30	28	29	28	28	29	30	31	31	31	31	31	31	31	31	31		
MAX:	6.9		6.8	7.0	6.1	9.7	10.6	9.3	6.4	5.7	3.7	3.9	5.2	4.6	5.8	6.8	5.9	5.9	7.4	11.1	17.7	17.5	14.6	10.9		
AVG:	3.51		2.86	2.94	3.24	4.51	5.24	4.14	3.00	2.19	1.69	1.71	1.61	1.41	1.67	2.09	2.43	2.78	3.46	5.11	6.01	5.68	4.82	4.11		

MONTHLY OBSERVATIONS: 692 MONTHLY MEAN: 3.34 MONTHLY MAX: 17.7

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.

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-183-0014 POC: 1
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: 10102-44-0
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: (200) Teledyne-API Model 200EUP or T200U
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: AUGUST 2014

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

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	4.8	BF	BF	BK	BK	BK	BK	BK	BF	1.5	1.9	2.1	1.6	2.1	1.9	1.1	1.4	1.7	2.2	2.2	1.9	1.0	.9	1.1	16	4.8
2	.7	BF	BF	.7	.8	.8	1.0	1.5	1.6	1.3	1.2	.8	1.0	3.5	3.9	2.0	2.8	2.8	3.0	2.5	2.4	2.3	1.8	1.3	22	3.9
3	1.2	BF	BF	.8	.6	.6	.5	.7	.9	1.3	1.2	2.2	2.1	1.4	.8	1.0	1.6	2.0	1.6	4.6	4.4	4.2	4.0	3.9	22	4.6
4	2.4	BF	BF	4.0	3.8	2.8	3.1	3.4	3.6	1.8	1.2	.6	.4	.8	.6	1.6	1.5	1.4	2.2	5.3	5.6	5.2	3.3	3.2	22	5.6
5	5.0	BF	5.3	5.2	4.1	3.8	3.2	2.8	2.5	1.6	.9	.8	.8	.8	.8	.8	1.8	2.3	2.4	11.9	14.9	14.8	13.4	16.7	23	16.7
6	15.0	BF	7.2	7.5	6.0	9.7	12.1	6.4	4.2	2.0	1.7	1.5	1.2	1.4	1.0	1.0	1.6	2.8	7.0	9.0	10.4	14.4	2.4	2.3	23	15.0
7	3.2	BF	3.1	3.6	2.8	3.7	8.8	7.2	3.0	1.7	1.1	.7	.8	.9	.9	1.6	1.5	2.0	2.3	2.8	4.8	3.9	3.0	1.7	23	8.8
8	1.8	BF	1.5	1.6	2.3	3.5	6.5	6.4	4.4	2.4	1.9	2.4	1.7	1.9	3.6	1.7	3.3	3.7	3.2	4.0	4.7	2.8	2.0	2.4	23	6.5
9	2.1	BF	1.7	1.3	1.1	1.5	1.6	1.4	.9	1.4	1.9	1.7	3.0	2.6	2.6	3.3	2.0	1.8	2.9	1.2	1.5	1.7	.9	.8	23	3.3
10	.5	BF	.4	.4	.3	.4	.5	.6	.9	1.4	1.2	.7	.7	1.0	.9	.9	1.2	2.1	1.5	1.6	2.2	1.8	1.5	1.5	23	2.2
11	1.1	BF	.7	.7	1.0	3.0	3.1	3.1	3.6	2.4	1.4	1.3	1.2	1.1	.9	1.3	3.3	3.3	3.5	4.5	3.8	3.7	1.9	2.0	23	4.5
12	1.4	BF	1.3	1.4	2.2	2.9	4.1	3.9	4.4	6.3	4.1	2.9	AX	AX	AX	AX	3.2	5.4	2.7	6.0	4.3	3.3	3.6	3.7	19	6.3
13	4.4	BF	2.5	3.4	2.6	5.3	4.5	3.7	2.5	1.7	.7	.7	.8	1.0	.8	.9	1.2	1.4	2.2	5.1	5.8	5.0	2.3	1.7	23	5.8
14	1.4	BF	2.6	4.2	3.6	4.1	9.8	6.9	3.9	BA	BA	BA	BA	BA	BA	BA	BA	3.5	5.6	16.5	19.8	25.7	25.3	18.0	15	25.7
15	13.6	BF	10.6	9.2	8.9	11.4	10.6	7.1	5.6	2.5	2.0	1.7	1.6	2.4	2.9	1.9	1.8	5.6	11.5	11.7	8.7	9.7	7.8	6.0	23	13.6
16	3.6	BF	3.2	3.1	3.3	5.4	4.6	4.1	3.0	1.7	.8	.9	.9	.6	1.2	1.5	1.4	1.8	4.5	5.6	6.6	6.4	6.5	5.5	23	6.6
17	4.7	BF	5.3	5.2	4.4	4.5	5.1	2.7	4.1	1.3	.4	.5	1.1	.9	.9	1.2	1.0	1.6	2.3	4.0	9.2	15.1	14.3	10.9	23	15.1
18	8.8	BF	7.2	5.8	5.7	6.0	8.0	10.3	14.5	13.4	9.7	6.3	4.9	5.4	4.2	3.4	3.4	2.7	2.6	4.5	4.1	5.9	11.9	5.2	23	14.5
19	4.0	BF	3.6	5.8	8.1	9.3	5.4	3.7	2.4	2.5	1.8	1.0	.7	.7	1.2	2.0	1.4	1.1	2.2	6.7	10.4	9.3	8.2	5.5	23	10.4
20	1.8	BF	.9	.9	1.1	1.7	2.5	2.7	BA	BA	BC	BC	BC	BC	BC	BC	2.6	4.0	8.1	10.6	7.8	10.4	9.8	8.9	15	10.6
21	6.9	BF	5.3	4.6	5.1	6.2	6.5	5.1	3.0	2.5	1.7	1.1	.9	1.3	.8	1.3	1.3	2.4	3.5	4.5	3.1	6.1	10.7	9.5	23	10.7
22	7.9	BF	9.0	9.9	7.2	7.1	6.9	4.9	3.4	2.8	1.3	1.1	.7	.9	1.0	1.1	1.6	3.2	2.3	13.6	12.4	11.6	9.0	6.0	23	13.6
23	5.2	BF	8.5	6.1	4.8	3.0	2.7	2.3	1.7	1.3	1.3	1.2	.9	.9	.6	.7	.6	.7	1.2	1.6	1.7	1.4	1.0	.9	23	8.5
24	.7	BF	.4	.4	.6	.9	.9	.6	.5	.4	.5	.5	.3	.4	.5	.5	.6	.7	1.1	1.4	1.3	1.2	.8	.9	23	1.4
25	1.5	BF	1.9	2.7	3.0	3.1	5.3	4.3	1.3	.7	.8	.4	.4	.5	1.1	.8	1.0	1.6	1.4	2.6	3.4	4.0	2.7	1.8	23	5.3
26	1.6	BF	3.3	2.8	3.6	3.7	4.9	4.4	2.3	1.0	.7	.6	.6	.4	.5	.6	2.0	1.3	2.6	6.6	7.5	6.4	4.1	3.2	23	7.5
27	2.7	BF	4.6	4.7	6.6	9.6	10.7	6.5	2.6	1.6	.9	.8	1.0	1.2	1.0	.7	.8	1.8	3.3	11.0	22.2	22.9	20.3	12.7	23	22.9
28	11.6	BF	6.3	4.1	4.6	11.4	11.1	11.2	6.7	3.2	1.7	1.2	1.2	1.4	1.3	1.5	1.5	1.7	5.4	14.4	9.7	7.1	5.2	6.6	23	14.4
29	4.7	BF	2.1	1.0	1.1	1.4	2.4	2.8	2.1	1.2	1.1	1.2	.9	1.3	2.2	2.2	2.1	1.2	1.4	2.8	2.6	3.2	2.3	1.5	23	4.7
30	1.5	BF	1.1	1.4	1.3	1.8	3.1	2.3	2.7	2.1	1.5	1.3	.9	1.0	1.1	1.0	1.1	2.0	3.3	5.3	3.6	4.7	3.9	3.2	23	5.3
31	2.6	BF	2.3	2.6	2.6	2.4	2.4	2.0	1.3	1.1	1.1	1.0	1.1	1.1	1.3	1.5	1.7	2.7	7.2	11.2	5.7	2.9	2.3	1.9	23	11.2
NO.:	31		27	30	30	30	30	30	29	29	29	29	28	28	28	28	30	31	31	31	31	31	31	31		
MAX:	15.0		10.6	9.9	8.9	11.4	12.1	11.2	14.5	13.4	9.7	6.3	4.9	5.4	4.2	3.4	3.4	5.6	11.5	16.5	22.2	25.7	25.3	18.0		
AVG:	4.14		3.77	3.50	3.44	4.37	5.06	4.17	3.23	2.28	1.64	1.35	1.19	1.39	1.45	1.40	1.74	2.33	3.43	6.30	6.66	7.04	6.04	4.85		

MONTHLY OBSERVATIONS: 683 MONTHLY MEAN: 3.56 MONTHLY MAX: 25.7

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.

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-183-0014 POC: 1
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: 10102-44-0
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: (200) Teledyne-API Model 200EUP or T200U
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: SEPTEMBER 2014

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.4	BF	1.5	1.9	2.5	3.5	4.1	2.7	2.0	2.0	1.1	.8	.7	.8	1.1	1.0	1.3	2.5	7.8	12.6	13.5	14.0	5.8	3.4	23	14.0
2	1.7	BF	3.0	2.3	3.5	8.7	11.0	9.7	5.7	3.7	2.1	1.8	1.4	2.7	3.2	2.6	3.7	3.1	4.4	5.5	5.3	4.7	4.2	4.9	23	11.0
3	2.7	BF	2.3	3.4	5.0	9.3	9.2	7.2	AX	AX	AX	AX	1.0	1.4	1.7	.9	2.1	4.1	3.7	3.4	4.6	3.8	3.2	2.4	19	9.3
4	3.5	BF	3.9	3.6	3.9	6.9	9.1	8.4	6.4	3.3	3.0	1.9	1.7	1.9	3.3	4.0	4.4	3.6	3.5	3.3	1.5	1.2	2.8	3.0	23	9.1
5	3.8	BF	3.5	3.4	3.0	4.4	6.2	6.2	4.8	3.6	2.5	3.3	1.7	1.5	1.7	2.3	3.1	3.9	6.6	6.6	5.8	5.7	6.2	6.5	23	6.6
6	5.3	BF	4.6	4.1	4.3	5.5	6.0	5.0	3.2	1.8	1.5	1.8	1.8	1.2	1.8	1.3	2.2	2.8	7.6	10.3	11.4	7.4	4.4	2.9	23	11.4
7	2.2	BF	3.5	3.0	2.1	2.5	2.7	1.3	.8	.9	1.2	1.2	1.3	.8	.7	.7	.9	.9	1.1	1.2	.8	.8	.8	.6	23	3.5
8	.6	BF	.8	.8	1.2	1.7	2.0	3.2	2.6	2.6	3.5	3.2	3.0	3.1	4.8	3.8	1.4	1.4	1.2	1.0	.9	.8	.8	.8	23	4.8
9	1.3	BF	1.2	1.0	.9	1.5	2.6	3.3	2.6	1.5	1.4	1.6	.9	1.1	1.5	1.7	1.4	1.5	2.5	2.2	2.1	2.5	2.3	1.2	23	3.3
10	.7	BF	2.3	1.8	2.6	3.1	3.2	3.0	2.8	1.3	1.0	.8	1.1	1.8	2.4	1.0	1.9	5.8	10.0	12.7	10.3	10.0	13.2	10.8	23	13.2
11	10.2	BF	8.3	6.5	5.9	6.6	6.5	7.9	4.8	BC	BC	BC	BC	BC	BC	3.6	4.2	5.5	8.5	11.6	11.8	9.8	2.3	3.0	17	11.8
12	4.0	BF	3.8	2.8	7.0	5.7	10.3	6.4	3.3	BK	BK	1.4	1.1	1.2	1.4	1.6	2.4	2.0	2.8	1.8	1.5	1.2	1.2	1.2	21	10.3
13	1.1	BF	1.1	1.1	1.1	1.4	2.0	1.9	2.1	2.4	2.6	3.1	4.2	2.3	1.2	1.4	1.4	1.8	3.0	3.0	4.2	1.5	.7	.6	23	4.2
14	.8	BF	1.2	1.3	1.3	1.3	1.4	1.1	.9	.9	.8	.8	.8	1.2	1.8	1.3	1.1	1.1	1.3	1.9	1.7	1.0	1.0	.9	23	1.9
15	.8	BF	1.1	1.2	1.3	3.5	6.0	6.0	5.1	4.8	3.2	2.5	BA	1.3	2.2	3.6	6.1	7.4	7.9	6.1	4.2	3.9	4.6	6.0	22	7.9
16	3.8	BF	3.1	4.6	5.7	4.9	8.9	7.5	BA	1.5	.9	.7	.9	1.5	1.9	1.7	3.8	7.6	6.9	6.0	5.3	3.2	3.8	4.1	22	8.9
17	3.9	BF	2.5	1.2	1.5	1.9	2.8	3.0	2.0	1.5	1.1	.8	1.3	1.1	1.4	2.1	2.0	2.2	2.9	3.8	2.7	1.9	2.0	2.0	23	3.9
18	1.9	BF	1.5	1.7	3.6	5.9	7.0	6.1	3.9	1.6	4.5	1.1	.9	1.0	2.2	1.9	4.1	6.7	8.4	10.0	4.7	4.5	2.8	2.1	23	10.0
19	2.4	BF	1.3	1.8	2.2	3.5	6.7	5.8	4.7	2.2	1.9	1.6	1.2	1.2	1.5	1.7	2.3	2.5	2.9	2.7	2.6	2.3	1.8	1.6	23	6.7
20	2.0	BF	1.2	1.0	1.4	1.6	3.5	4.4	2.1	.9	.5	.4	.5	.4	.4	.4	.8	1.4	2.0	2.6	1.7	1.4	2.0	1.9	23	4.4
21	1.1	BF	1.7	.8	.5	.9	1.6	1.4	1.0	.7	1.0	.7	.8	.9	1.0	1.6	2.1	3.2	6.6	5.5	4.5	4.2	2.1	2.0	23	6.6
22	3.4	BF	3.8	1.7	1.6	4.7	10.6	7.6	2.7	1.2	.8	.6	.5	.8	1.4	1.2	1.2	3.9	7.7	10.1	13.6	8.8	8.2	5.3	23	13.6
23	2.8	BF	1.6	2.0	2.2	2.3	2.8	3.0	4.3	3.2	3.1	1.8	1.6	1.7	2.3	2.1	3.0	4.3	4.5	2.5	3.2	2.7	2.0	1.2	23	4.5
24	.8	BF	.7	1.2	2.4	2.6	4.3	4.0	4.4	3.7	2.6	2.7	2.6	3.0	3.4	3.3	3.2	3.4	3.1	3.0	2.7	2.1	1.4	1.2	23	4.4
25	.9	BF	1.1	1.4	1.5	2.1	3.3	3.8	2.2	1.7	AX	AX	AX	2.0	1.6	1.6	2.3	2.5	1.9	2.0	1.9	2.3	2.6	2.7	20	3.8
26	2.7	BF	2.0	1.8	2.1	2.5	2.8	3.1	2.0	1.4	1.3	1.5	.7	.7	1.2	.9	1.9	2.5	15.0	6.4	10.9	9.5	7.6	5.2	23	15.0
27	3.6	BF	2.2	2.2	2.4	3.1	4.1	2.9	3.5	1.8	.7	.7	.6	.5	.5	.8	1.4	2.4	3.8	5.3	8.7	9.0	7.8	6.5	23	9.0
28	5.6	BF	3.9	3.7	3.4	3.2	3.2	2.1	2.0	1.2	.5	.5	.4	.7	.6	.5	.7	2.4	5.6	11.5	13.1	11.5	7.2	6.3	23	13.1
29	7.4	BF	6.2	5.3	6.1	5.7	8.9	9.9	4.9	3.3	3.4	4.3	2.9	2.8	3.8	4.6	6.7	7.4	8.5	12.5	15.8	12.9	14.0	13.1	23	15.8
30	10.1	BF	7.1	6.3	4.2	4.4	6.0	4.8	3.2	9.4	4.4	2.7	2.3	2.6	2.3	2.1	2.2	2.8	7.3	4.9	5.7	4.7	5.0	6.0	23	10.1
31																									0	
NO.:	30		30	30	30	30	30	30	28	27	26	27	27	29	29	30	30	30	30	30	30	30	30	30		
MAX:	10.2		8.3	6.5	7.0	9.3	11.0	9.9	6.4	9.4	4.5	4.3	4.2	3.1	4.8	4.6	6.7	7.6	15.0	12.7	15.8	14.0	14.0	13.1		
AVG:	3.08		2.73	2.50	2.88	3.83	5.29	4.76	3.21	2.37	1.95	1.64	1.40	1.49	1.87	1.91	2.51	3.42	5.30	5.73	5.89	4.98	4.13	3.65		

MONTHLY OBSERVATIONS: 673 MONTHLY MEAN: 3.36 MONTHLY MAX: 15.8

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.

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-183-0014 POC: 1
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: 10102-44-0
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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: (200) Teledyne-API Model 200EUP or T200U
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: OCTOBER 2014

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	4.8	BF	BF	4.3	5.7	7.5	8.8	9.0	7.2	4.8	3.2	1.7	1.7	1.7	2.5	1.9	1.4	4.1	8.3	12.3	12.4	7.4	10.7	8.9	22	12.4
2	5.6	BF	BF	3.0	3.0	4.4	4.8	8.5	8.6	4.7	2.0	1.8	5.1	3.2	4.9	5.1	8.7	8.6	8.0	9.4	6.8	4.4	3.9	2.8	22	9.4
3	2.3	BF	BF	3.4	4.3	5.3	5.9	6.2	5.8	4.8	2.9	2.0	1.7	3.0	3.6	5.6	8.9	9.8	9.2	6.5	2.8	2.4	1.9	2.0	22	9.8
4	1.5	BF	BF	1.4	1.7	2.7	2.5	1.8	1.3	1.0	1.4	.8	1.3	1.0	1.5	1.1	1.1	1.4	1.7	1.8	2.4	1.8	1.4	1.4	22	2.7
5	2.3	BF	BF	1.7	1.3	2.3	4.2	2.4	1.2	.6	.4	.9	1.0	1.2	1.2	1.5	2.0	4.9	12.4	16.1	15.8	14.7	10.6	10.3	22	16.1
6	7.5	BF	BF	4.5	5.3	7.0	9.1	11.0	10.4	5.1	3.9	2.7	2.4	2.8	3.2	3.5	4.8	7.5	11.0	12.2	6.9	4.4	2.5	1.9	22	12.2
7	1.7	BF	BF	3.2	5.6	12.5	13.5	15.8	14.9	5.8	3.6	2.4	2.3	2.4	3.4	3.1	5.2	7.0	7.7	6.7	5.7	4.1	2.8	2.2	22	15.8
8	2.4	BF	BF	3.1	4.5	9.3	13.9	17.1	10.0	6.2	4.9	4.8	3.9	3.2	3.1	3.5	5.0	14.0	26.2	21.3	7.7	3.2	3.1	5.5	22	26.2
9	3.1	BF	BF	3.2	5.3	11.3	14.4	13.5	12.7	9.3	AX	AX	AX	1.8	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	9	14.4
10	AK	BF	BF	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	0	
11	AK	BF	BF	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	0	
12	AK	BF	BF	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	0	
13	AK	BF	BF	AK	AK	AK	AK	AK	AK	AK	AK	AK	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
14	BA	BF	BF	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
15	BA	BF	BF	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
16	BA	BF	BF	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
17	BA	BF	BF	BA	BA	BA	BA	3.6	8.1	5.5	4.9	4.7	2.6	2.8	3.1	4.4	6.6	16.6	30.8	26.9	22.5	14.4	16.4	12.5	17	30.8
18	10.6	BF	BF	7.4	7.7	7.1	9.2	6.7	7.6	2.7	2.5	1.6	1.7	1.3	1.4	1.2	1.9	3.1	3.7	2.4	2.7	3.4	1.7	1.6	22	10.6
19	1.4	BF	BF	1.3	1.0	1.4	1.6	1.2	2.0	1.1	.7	.9	.8	.5	.6	.7	1.2	8.2	22.2	22.8	19.2	15.3	13.6	10.9	22	22.8
20	8.5	BF	BF	4.4	3.8	4.1	5.5	11.4	12.4	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	7	12.4
21	BA	BF	BF	BA	BA	BA	BA	BA	BC	BC	BC	BC	BC	BC	3.2	3.3	7.2	14.1	10.6	3.7	2.2	2.8	2.0	1.5	10	14.1
22	1.6	BF	BF	1.7	2.5	3.5	3.9	3.6	2.9	1.6	1.8	1.7	1.3	1.8	2.3	1.9	3.1	3.5	5.1	3.2	2.5	2.5	1.9	3.0	22	5.1
23	3.0	BF	BF	4.6	3.3	2.6	5.7	4.4	2.7	2.3	2.4	2.4	1.4	2.3	2.0	1.9	3.1	7.7	8.7	6.2	3.0	2.1	2.3	2.8	22	8.7
24	2.7	BF	BF	3.2	4.8	4.1	8.5	10.7	6.6	3.8	3.6	3.0	2.5	1.9	4.4	6.7	11.0	18.3	29.8	25.5	22.5	20.1	16.1	16.0	22	29.8
25	11.8	BF	BF	9.7	6.7	8.0	9.1	11.9	7.2	3.0	2.7	2.5	2.1	1.9	2.4	3.3	6.0	17.3	29.5	34.0	29.7	25.3	22.9	11.7	22	34.0
26	3.2	BF	BF	3.6	3.9	2.8	2.7	1.0	1.3	1.1	.9	.6	.5	.6	.6	.8	2.1	22.8	24.4	22.5	27.7	26.3	23.4	19.8	22	27.7
27	17.9	BF	BF	9.8	9.3	8.6	7.5	9.9	11.2	15.8	7.6	3.3	3.7	7.7	7.6	7.8	12.5	26.1	25.2	28.5	31.4	27.9	25.1	21.4	22	31.4
28	19.7	BF	BF	13.6	12.2	12.4	15.1	16.5	15.5	16.5	9.6	4.8	3.3	3.6	4.1	4.6	11.6	18.2	17.9	19.4	8.9	8.5	5.7	3.9	22	19.7
29	2.9	BF	BF	3.2	4.6	6.9	12.4	13.9	10.4	7.4	4.3	3.8	3.0	2.6	2.3	5.0	14.3	7.9	3.5	4.0	3.6	2.8	2.1	2.3	22	14.3
30	1.6	BF	BF	2.0	2.2	2.5	9.0	11.9	4.6	2.3	1.4	1.0	.9	1.2	1.6	1.7	3.1	5.4	10.3	11.6	18.1	13.8	10.5	4.8	22	18.1
31	2.8	BF	BF	3.2	4.4	7.0	11.4	8.5	4.4	3.3	2.0	2.8	1.1	1.6	2.2	2.7	4.7	5.4	7.4	9.2	8.0	8.2	5.0	2.8	22	11.4
NO.:	22			22	22	22	22	23	23	22	21	21	21	22	22	22	22	22	22	22	22	22	22	22		
MAX:	19.7			13.6	12.2	12.5	15.1	17.1	15.5	16.5	9.6	4.8	5.1	7.7	7.6	7.8	14.3	26.1	30.8	34.0	31.4	27.9	25.1	21.4		
AVG:	5.40			4.34	4.69	6.06	8.12	8.72	7.35	4.94	3.18	2.39	2.11	2.28	2.78	3.24	5.70	10.54	14.25	13.92	11.93	9.81	8.44	6.82		

MONTHLY OBSERVATIONS: 483 MONTHLY MEAN: 6.71 MONTHLY MAX: 34.0

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.

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-183-0014 POC: 1
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: 10102-44-0
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: (200) Teledyne-API Model 200EUP or T200U
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: NOVEMBER 2014

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	2.2	BF	BF	2.1	1.6	1.8	2.2	2.7	2.5	2.6	2.4	2.2	2.0	2.2	2.1	2.5	2.2	2.8	2.8	1.6	1.2	1.6	2.0	2.9	22	2.9
2	1.6	BF	BF	1.2	1.5	1.3	1.2	1.3	1.5	1.1	.5	.5	.9	.9	.5	.7	1.2	3.8	5.0	2.2	2.7	3.0	3.7	4.6	22	5.0
3	4.2	BF	BF	2.0	2.1	4.3	17.0	19.4	11.8	7.3	4.8	6.7	5.8	4.6	3.9	5.5	11.7	27.6	36.4	35.4	33.7	30.8	19.0	13.6	22	36.4
4	10.0	BF	BF	10.5	11.7	14.6	15.6	21.6	23.2	19.1	AX	AX	AX	AX	6.7	11.0	18.0	30.6	24.1	13.0	11.1	12.3	11.2	9.1	18	30.6
5	6.4	BF	BF	4.7	6.6	9.7	16.2	22.8	21.5	10.4	5.0	3.2	3.2	3.6	5.1	6.6	16.1	30.4	31.3	27.2	29.9	16.7	16.1	11.2	22	31.3
6	5.5	BF	BF	3.3	3.3	3.2	5.7	9.9	10.3	8.8	5.5	5.1	4.2	4.3	8.1	7.7	6.7	11.7	10.6	4.7	1.3	2.6	1.9	1.2	22	11.7
7	1.3	BF	BF	3.3	4.3	4.2	6.9	6.1	4.2	2.3	1.6	1.6	1.8	1.2	1.4	1.7	2.9	9.3	12.6	20.5	13.8	4.7	4.3	3.1	22	20.5
8	4.2	BF	BF	5.1	4.0	5.3	7.0	6.3	3.6	2.4	2.1	2.1	3.0	2.5	2.8	3.4	6.4	15.5	20.9	20.3	21.5	18.9	18.6	18.5	22	21.5
9	18.8	BF	BF	14.8	9.4	10.0	10.8	10.4	6.9	6.2	2.3	1.5	1.1	1.1	1.3	2.2	8.1	15.8	14.5	20.4	17.4	14.1	10.2	9.1	22	20.4
10	7.5	BF	BF	3.2	3.2	4.0	3.9	3.1	8.9	8.8	2.4	1.2	1.7	1.3	1.4	2.4	6.7	18.2	18.9	26.8	24.1	21.0	15.1	9.1	22	26.8
11	6.8	BF	BF	2.6	2.4	4.0	7.2	8.8	6.4	3.9	5.1	2.3	2.5	3.4	1.5	1.5	2.4	9.3	5.3	5.4	4.9	12.0	17.5	15.1	22	17.5
12	14.4	BF	BF	6.2	8.6	8.0	9.7	17.2	15.1	11.7	8.2	3.0	3.7	3.6	1.2	2.7	4.1	18.6	19.3	11.3	3.0	3.0	2.5	3.8	22	19.3
13	2.3	BF	BF	2.6	2.8	3.3	4.3	4.9	5.4	4.6	4.0	3.4	3.2	4.0	4.5	5.6	5.8	5.6	4.7	4.9	4.3	4.1	3.3	4.0	22	5.8
14	3.4	BF	BF	2.0	2.1	2.1	3.3	4.0	3.3	3.8	2.8	1.8	1.7	1.5	2.2	2.3	3.4	8.3	15.4	10.5	6.8	6.2	5.5	3.3	22	15.4
15	2.4	BF	BF	2.9	4.0	4.6	4.9	5.4	2.9	2.6	1.6	1.1	1.0	1.1	1.1	1.5	3.5	14.4	16.3	8.9	22.2	22.7	21.4	20.2	22	22.7
16	19.2	BF	BF	15.6	17.5	14.6	12.8	13.2	11.0	7.0	4.4	3.2	2.8	2.7	2.8	2.8	3.0	2.9	2.3	2.4	3.1	2.6	2.5	2.5	22	19.2
17	3.0	BF	BF	3.2	4.3	4.4	5.0	8.8	9.5	7.3	5.3	4.4	4.9	7.0	5.0	6.7	5.2	6.2	6.1	5.0	3.8	3.7	3.2	2.3	22	9.5
18	2.1	BF	BF	1.5	1.4	1.5	2.0	2.7	1.6	AX	AX	AX	AX	1.8	2.4	2.4	3.2	7.3	12.1	15.8	12.2	8.6	9.6	14.0	18	15.8
19	9.9	BF	BF	4.5	8.6	15.6	19.2	20.9	11.3	6.6	4.0	6.8	3.8	3.3	3.6	7.2	8.6	12.4	21.1	19.3	15.8	10.6	6.6	5.3	22	21.1
20	5.6	BF	BF	6.7	6.9	10.9	18.2	22.7	18.8	10.6	7.6	6.8	4.8	3.2	3.9	4.5	7.6	20.4	33.3	32.8	33.6	17.8	20.2	30.9	22	33.6
21	22.9	BF	BF	18.4	11.1	12.7	24.4	21.1	8.9	2.3	1.7	2.1	1.3	1.2	2.5	3.4	4.3	9.1	17.0	12.4	12.2	12.9	15.0	16.8	22	24.4
22	15.4	BF	BF	22.1	21.7	21.3	19.6	16.5	16.4	12.9	9.5	5.0	3.7	3.4	3.4	4.5	10.6	26.6	31.2	32.6	30.2	29.8	27.7	23.6	22	32.6
23	23.3	BF	BF	19.1	17.7	17.0	15.0	15.6	15.3	13.8	10.7	5.9	5.9	6.7	4.9	4.9	3.9	4.5	2.8	1.8	1.6	1.0	.8	.9	22	23.3
24	.7	BF	BF	.7	1.3	2.7	5.9	10.7	7.0	2.9	2.7	2.4	2.6	3.7	4.1	4.3	4.9	6.2	4.8	4.2	3.3	6.2	2.8	2.8	22	10.7
25	1.5	BF	BF	1.9	2.5	3.6	8.2	12.2	10.2	9.9	7.1	6.3	3.9	3.9	3.5	5.4	6.1	8.6	10.9	13.0	14.4	13.2	6.9	5.3	22	14.4
26	3.3	BF	BF	3.1	2.1	2.1	2.6	3.1	2.0	2.1	2.2	2.1	3.8	2.6	3.6	5.0	5.0	6.3	7.5	10.1	12.0	13.6	12.8	13.3	22	13.6
27	13.0	BF	BF	9.7	6.8	4.0	4.0	3.6	2.5	2.6	2.8	2.7	1.5	.9	.8	1.0	1.7	4.6	2.7	2.0	1.9	3.1	4.1	3.1	22	13.0
28	2.9	BF	BF	2.2	2.2	2.5	5.3	5.7	3.8	3.8	4.4	3.1	2.4	3.1	3.8	3.3	4.4	16.2	23.9	21.4	20.1	20.1	18.3	16.7	22	23.9
29	15.2	BF	BF	11.9	12.0	12.8	13.1	13.6	11.4	9.6	4.0	2.6	2.1	2.1	2.4	3.3	3.7	13.6	17.0	24.5	22.5	20.2	15.1	15.6	22	24.5
30	12.1	BF	BF	9.7	8.6	9.5	7.9	6.8	5.8	5.2	3.2	2.7	2.0	1.8	2.1	2.7	4.4	10.9	17.3	15.4	16.5	14.0	15.4	9.6	22	17.3
31																									0	
NO.:	30			30	30	30	30	30	30	29	28	28	28	29	30	30	30	30	30	30	30	30	30	30		
MAX:	23.3			22.1	21.7	21.3	24.4	22.8	23.2	19.1	10.7	6.8	5.9	7.0	8.1	11.0	18.0	30.6	36.4	35.4	33.7	30.8	27.7	30.9		
AVG:	8.04			6.56	6.41	7.19	9.30	10.70	8.77	6.63	4.21	3.28	2.90	2.85	3.09	3.96	5.86	12.59	14.94	14.19	13.37	11.70	10.44	9.72		

MONTHLY OBSERVATIONS: 652 MONTHLY MEAN: 8.08 MONTHLY MAX: 36.4

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.

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-183-0014 POC: 1
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: 10102-44-0
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: (200) Teledyne-API Model 200EUP or T200U
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: DECEMBER 2014

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	13.5	BF	BF	5.7	6.5	8.6	14.9	15.7	17.9	10.3	4.1	3.9	4.7	3.9	5.1	6.9	11.3	18.2	23.6	21.7	24.2	24.0	17.5	18.5	22	24.2
2	17.5	BF	BF	3.7	2.4	2.3	2.1	2.8	3.0	2.3	1.9	AX	AX	AX	2.9	3.1	3.2	4.3	5.1	3.9	3.7	3.1	3.4	3.0	19	17.5
3	2.4	BF	BF	1.8	3.6	6.5	8.4	7.6	7.9	8.2	8.1	8.8	7.7	6.5	7.2	10.5	8.2	10.2	14.7	17.2	16.0	14.8	10.6	5.4	22	17.2
4	6.0	BF	BF	4.8	4.3	4.7	5.3	6.5	5.0	3.3	2.1	1.6	1.7	1.6	2.2	3.7	6.5	8.7	6.8	4.7	4.8	4.8	4.0	3.4	22	8.7
5	3.6	BF	BF	3.2	3.6	3.8	4.8	8.4	9.0	5.1	3.2	2.3	2.7	3.3	6.9	8.0	8.1	12.4	13.7	13.9	13.6	8.6	7.9	7.7	22	13.9
6	9.3	BF	BF	4.8	4.6	4.9	5.1	5.3	8.2	8.0	7.3	10.0	9.8	9.6	11.2	11.1	10.5	13.0	13.8	11.6	9.5	3.8	4.5	5.4	22	13.8
7	3.5	BF	BF	2.3	1.7	1.5	1.2	.9	.9	.7	.6	.5	.5	.7	.7	1.1	1.8	3.2	3.1	2.3	2.3	2.6	2.1	2.1	22	3.5
8	3.1	BF	BF	2.1	2.4	2.9	3.4	4.3	5.3	3.5	2.6	2.0	2.9	3.0	3.1	4.7	5.2	5.7	4.8	4.1	4.1	3.9	3.2	3.0	22	5.7
9	2.7	BF	BF	4.2	5.9	5.9	6.2	8.4	8.1	6.6	6.5	5.9	5.1	4.2	5.8	9.7	5.7	6.6	6.3	4.8	5.8	7.9	6.6	4.0	22	9.7
10	3.0	BF	BF	2.8	2.9	4.6	9.5	11.4	9.6	4.5	2.5	1.9	2.5	2.6	4.0	4.2	2.9	4.3	4.3	3.8	3.4	3.4	4.6	6.6	22	11.4
11	6.7	BF	BF	6.4	6.2	5.7	7.3	12.2	10.7	5.0	3.2	2.7	2.8	3.9	4.4	5.0	5.2	20.2	29.8	28.1	26.2	20.4	6.3	8.7	22	29.8
12	7.5	BF	BF	14.5	18.5	22.3	23.8	24.7	20.0	10.5	5.9	4.3	4.3	3.4	3.2	4.5	4.8	22.5	30.7	30.1	29.2	28.5	20.6	14.7	22	30.7
13	15.7	BF	BF	19.6	19.1	20.1	18.9	17.4	19.9	8.7	3.0	2.6	2.3	1.8	1.9	2.2	4.0	18.5	27.9	29.9	27.8	28.2	21.4	8.8	22	29.9
14	3.4	BF	BF	3.6	3.8	4.3	8.1	6.0	7.2	4.7	2.2	1.4	1.7	1.7	2.1	1.9	4.4	26.3	26.8	25.8	25.1	17.7	6.9	4.7	22	26.8
15	4.5	BF	BF	7.6	5.1	7.1	11.2	13.0	12.0	7.7	4.1	1.8	2.2	2.2	2.4	4.8	11.5	26.9	26.5	25.1	23.7	21.4	20.1	18.0	22	26.9
16	16.0	BF	BF	16.3	18.0	15.7	13.5	16.0	16.6	AX	AX	AX	14.8	13.4	19.6	19.1	21.0	23.0	22.7	19.2	13.3	10.1	7.7	6.9	19	23.0
17	7.6	BF	BF	2.6	3.1	4.7	9.9	14.8	9.6	5.3	2.5	1.4	1.9	2.7	3.6	4.8	9.0	25.4	26.4	27.0	25.7	24.3	22.1	19.7	22	27.0
18	17.9	BF	BF	5.3	5.1	7.9	12.8	12.1	11.7	3.4	1.9	1.8	1.6	2.2	6.8	7.5	7.5	11.5	16.5	22.9	19.0	13.0	17.4	17.3	22	22.9
19	16.9	BF	BF	13.1	14.1	7.6	7.2	12.3	9.9	3.7	2.5	2.7	2.5	2.9	4.1	6.9	7.8	18.4	21.0	13.2	13.0	17.3	18.6	15.9	22	21.0
20	16.7	BF	BF	5.9	5.4	4.7	4.6	5.0	5.0	5.3	6.2	5.8	5.5	4.6	4.7	5.2	6.0	6.3	6.6	6.4	7.6	8.1	9.1	9.2	22	16.7
21	8.2	BF	BF	6.7	5.6	4.4	4.4	4.2	3.7	2.9	2.1	2.0	1.4	1.9	2.3	2.7	3.0	7.9	6.1	4.0	3.7	3.4	2.9	2.2	22	8.2
22	2.0	BF	BF	2.7	3.2	3.2	3.2	4.6	3.9	3.8	3.0	4.6	5.1	6.3	5.9	7.2	7.7	7.7	6.3	6.0	5.2	4.7	4.6	3.6	22	7.7
23	3.6	BF	BF	4.0	4.6	4.5	5.4	6.6	5.4	6.2	5.8	7.5	7.5	6.2	6.4	8.2	9.1	9.1	9.3	9.2	9.7	9.7	9.7	9.3	22	9.7
24	7.3	BF	BF	7.6	7.6	8.6	9.3	9.7	8.6	11.5	12.5	11.9	12.8	14.1	11.9	10.7	7.5	5.9	5.9	5.9	3.5	3.2	2.1	2.2	22	14.1
25	1.7	BF	BF	2.4	1.2	1.3	1.4	.9	.8	.8	.5	.4	.4	.3	.3	.4	.7	2.2	12.9	9.2	13.3	12.8	15.0	13.3	22	15.0
26	13.7	BF	BF	7.1	6.1	5.3	4.6	4.1	4.2	8.1	10.4	7.3	4.9	3.7	3.0	2.8	5.5	23.5	24.8	21.7	19.3	17.0	15.6	17.3	22	24.8
27	17.7	BF	BF	10.5	9.2	8.8	5.7	5.2	6.6	13.4	14.3	8.3	3.0	3.1	2.5	3.5	6.9	13.1	18.6	20.1	19.8	18.8	22.6	18.1	22	22.6
28	13.2	BF	BF	6.3	4.0	3.3	3.5	3.9	4.7	4.2	3.2	2.6	2.9	3.2	3.7	4.0	6.2	11.5	10.3	12.2	15.4	14.7	6.4	3.5	22	15.4
29	3.6	BF	BF	2.9	2.7	2.8	3.0	4.3	6.5	3.5	3.4	2.8	3.3	3.7	3.4	3.5	3.2	2.7	2.5	2.9	3.5	3.7	3.8	2.9	22	6.5
30	2.3	BF	BF	1.8	2.0	1.9	1.6	3.0	4.1	AX	AX	AX	AX	2.9	3.7	4.4	5.3	8.8	11.1	18.8	18.4	15.9	13.0	12.9	18	18.8
31	13.8	BF	BF	10.9	10.2	10.8	15.0	13.0	14.4	12.6	6.0	3.0	2.6	2.1	1.6	1.7	4.1	6.1	11.8	27.1	23.2	22.7	20.8	19.2	22	27.1
NO.:	31			31	31	31	31	31	31	29	29	28	29	30	31	31	31	31	31	31	31	31	31	31		
MAX:	17.9			19.6	19.1	22.3	23.8	24.7	20.0	13.4	14.3	11.9	14.8	14.1	19.6	19.1	21.0	26.9	30.7	30.1	29.2	28.5	22.6	19.7		
AVG:	8.54			6.23	6.22	6.47	7.59	8.53	8.40	5.99	4.54	3.99	4.18	4.06	4.73	5.61	6.57	12.39	14.54	14.61	13.97	12.66	10.68	9.27		

MONTHLY OBSERVATIONS: 672 MONTHLY MEAN: 8.23 MONTHLY MAX: 30.7

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.

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-183-0021 POC: 1
COUNTY: (183) Wake
CITY: (00000) Not in a city
SITE ADDRESS: 2826 TRIPLE OAK DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

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

CAS NUMBER: 10102-44-0
LATITUDE: 35.8652000009
LONGITUDE: -78.8197
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 97
PROBE HEIGHT: 4.5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (200) Teledyne-API Model 200EUP or T200U
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JANUARY 2014

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1																									0	
2																									0	
3																									0	
4																									0	
5																									0	
6																									0	
7																									0	
8										BC	BC	BC	BC	BC	BC	BC	BC	26.8	28.7	28.9	27.5	26.1	25.9	25.5	7	28.9
9	25.6	BF	23.1	22.4	22.2	22.2	25.7	24.7	26.3	34.6	29.6	14.4	22.4	23.0	28.8	32.2	13.4	16.8	26.8	22.4	24.0	21.2	16.7	12.0	23	34.6
10	8.0	BF	4.6	6.8	5.1	6.7	7.4	10.2	12.8	12.2	13.4	12.5	12.2	11.3	12.8	12.2	11.7	12.5	11.3	10.6	13.3	10.9	13.9	15.3	23	15.3
11	13.9	BF	15.1	14.5	11.3	10.4	12.4	6.8	8.0	3.8	5.5	6.0	6.9	AV	AV	AV	AV	AV	AV	AV	AV	AV	5.0	7.6	14	15.1
12	6.0	BF	2.7	3.6	3.8	4.9	7.7	9.2	8.9	6.6	5.9	7.5	5.8	5.0	6.1	7.5	12.7	18.8	21.4	23.8	22.5	22.6	17.4	17.1	23	23.8
13	15.1	BF	14.7	11.6	12.7	12.1	12.4	13.7	27.3	21.5	18.2	13.8	16.3	12.4	13.3	19.5	24.0	25.3	30.6	28.8	20.4	23.6	24.7	20.4	23	30.6
14	13.5	BF	13.1	12.8	20.8	21.3	23.1	22.2	22.1	28.2	24.9	18.0	23.5	26.8	19.0	17.2	20.7	15.3	22.2	19.0	15.0	15.1	12.0	13.5	23	28.2
15	10.5	BF	6.4	9.2	7.9	11.4	16.1	11.9	11.6	28.9	16.0	13.2	11.1	13.9	14.2	14.8	20.8	12.1	13.9	15.4	6.2	3.8	6.8	7.4	23	28.9
16	2.5	BF	2.6	4.8	6.2	5.7	6.9	9.5	10.2	7.0	11.1	4.5	9.8	13.8	14.5	16.9	22.9	23.6	21.6	27.4	24.5	24.3	21.3	25.0	23	27.4
17	20.6	BF	22.8	21.1	24.3	18.6	26.9	30.6	28.6	16.8	18.3	18.3	15.9	14.9	17.4	20.6	19.8	21.3	25.8	21.9	24.2	28.7	27.8	13.8	23	30.6
18	7.8	BF	5.7	6.3	11.6	9.2	9.5	13.9	5.7	6.5	6.0	7.1	6.1	4.9	6.5	8.8	10.9	12.3	18.3	20.7	21.9	18.0	25.5	19.3	23	25.5
19	9.0	BF	8.6	5.4	4.8	7.5	7.8	11.5	9.6	7.8	8.0	5.8	6.4	6.1	4.9	9.1	7.4	12.5	21.1	25.2	29.2	27.1	23.9	20.3	23	29.2
20	24.4	BF	7.1	8.6	16.4	24.8	23.9	32.4	21.4	16.6	16.8	20.1	13.4	15.4	17.1	17.1	21.2	31.0	31.5	24.9	27.1	16.7	12.1	20.6	23	32.4
21	13.8	BF	21.8	19.1	17.9	16.4	19.1	15.3	13.8	12.8	12.9	11.7	13.3	12.3	11.8	7.1	4.8	6.9	4.4	6.8	9.2	7.1	5.8	3.9	23	21.8
22	2.9	BF	4.0	3.6	3.9	4.1	4.9	6.8	7.1	6.9	BA	BA	BA	BA	BA	13.6	15.6	21.2	7.7	11.7	14.7	19.2	17.7	24.6	18	24.6
23	21.7	BF	27.2	24.5	20.9	20.9	21.9	22.1	30.6	24.1	13.1	11.2	18.2	10.8	14.5	15.0	16.9	18.8	11.0	8.0	3.0	2.9	2.6	3.0	23	30.6
24	3.4	BF	4.4	2.6	2.6	4.0	4.9	8.3	9.8	9.4	7.2	10.9	11.9	9.4	12.9	15.6	17.3	21.3	25.6	25.4	31.1	30.4	20.1	15.5	23	31.1
25	11.4	BF	7.1	9.2	8.9	9.8	8.6	11.0	13.9	10.4	12.5	11.6	7.6	5.7	9.3	8.5	9.7	8.3	9.9	9.0	10.6	8.7	8.1	6.0	23	13.9
26	4.5	BF	7.0	11.7	16.6	17.5	15.3	22.1	20.3	12.4	11.0	9.9	6.1	6.8	8.3	8.0	13.2	12.6	14.5	14.4	17.7	10.4	10.3	8.0	23	22.1
27	8.3	BF	10.0	9.2	12.0	16.0	22.5	24.9	BA	BA	BA	15.5	19.0	16.2	15.1	18.4	22.4	19.4	10.3	5.0	4.1	5.9	2.4	1.6	20	24.9
28	1.9	BF	1.6	1.8	1.8	3.2	4.3	4.6	4.8	5.0	4.6	3.8	4.6	4.8	4.4	3.9	5.3	5.7	6.8	5.8	3.2	3.4	2.6	4.1	23	6.8
29	3.5	BF	3.3	2.6	2.8	5.2	9.0	9.2	6.3	5.3	6.2	8.0	7.3	9.2	6.6	9.2	10.5	10.4	11.7	5.7	12.7	18.4	17.1	22.5	23	22.5
30	20.6	BF	24.0	23.9	25.4	25.8	24.8	23.9	20.1	12.1	10.7	17.2	10.4	13.7	10.8	12.8	14.5	12.2	12.9	15.9	25.4	29.6	33.4	33.2	23	33.4
31	34.7	BF	29.0	30.6	29.1	29.6	31.6	32.2	36.2	31.7	23.5	21.0	18.9	22.6	25.8	19.3	32.1	26.5	32.7	30.7	24.4	29.9	29.9	29.7	23	36.2
NO.:	23		23	23	23	23	23	23	22	22	21	22	22	21	21	22	22	23	23	23	23	23	24	24		
MAX:	34.7		29.0	30.6	29.1	29.6	31.6	32.4	36.2	34.6	29.6	21.0	23.5	26.8	28.8	32.2	32.1	31.0	32.7	30.7	31.1	30.4	33.4	33.2		
AVG:	12.33		11.56	11.56	12.57	13.36	15.07	16.39	16.15	14.57	13.11	11.91	12.14	12.33	13.05	13.97	15.81	17.03	18.29	17.71	17.91	17.57	15.96	15.41		

MONTHLY OBSERVATIONS: 519 MONTHLY MEAN: 14.63 MONTHLY MAX: 36.2

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.

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-183-0021 POC: 1
COUNTY: (183) Wake
CITY: (00000) Not in a city
SITE ADDRESS: 2826 TRIPLE OAK DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

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

CAS NUMBER: 10102-44-0
LATITUDE: 35.8652000009
LONGITUDE: -78.8197
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 97
PROBE HEIGHT: 4.5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (200) Teledyne-API Model 200EUP or T200U
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: FEBRUARY 2014

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

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	25.8	BF	25.0	24.7	25.8	23.7	22.4	24.9	23.9	33.3	29.2	18.3	20.5	23.8	19.0	17.4	20.4	16.6	23.2	21.5	15.6	15.9	12.7	10.5	23	33.3
2	9.9	BF	6.8	5.8	5.9	3.8	5.1	7.1	7.0	6.0	5.1	5.0	5.9	5.9	7.1	8.0	10.2	14.4	17.3	17.3	20.1	17.6	16.4	11.6	23	20.1
3	11.4	BF	5.6	15.5	11.4	8.9	11.6	13.5	11.7	10.7	14.4	19.0	14.9	6.9	5.4	4.9	7.0	5.8	5.6	4.3	2.7	2.2	2.3	2.4	23	19.0
4	1.8	BF	2.4	1.6	2.9	4.5	7.2	7.8	7.2	1.7	.0	.0	.0	4.5	5.9	9.5	9.6	14.4	14.0	13.3	11.7	10.9	10.5	10.4	23	14.4
5	4.6	BF	6.4	7.0	9.4	15.1	21.0	19.3	19.0	BA	BA	BA	BA	12.1	12.2	10.7	13.8	22.2	18.4	13.8	14.4	9.3	4.3	5.4	19	22.2
6	4.6	BF	3.3	3.8	4.4	7.8	12.9	14.5	12.3	6.4	5.0	3.8	7.0	7.7	9.2	7.8	6.5	5.4	7.0	9.4	9.0	10.4	16.1	15.2	23	16.1
7	10.6	BF	8.2	5.9	5.4	14.7	18.2	22.8	19.1	18.3	17.3	18.8	16.6	15.2	16.6	21.2	26.9	22.9	13.1	18.6	23.8	17.2	14.1	16.2	23	26.9
8	12.9	BF	9.7	6.9	7.5	10.3	9.9	10.2	10.6	8.4	8.1	8.5	5.9	5.5	6.0	6.1	5.3	2.3	3.5	3.9	7.6	12.0	9.8	17.8	23	17.8
9	18.1	BF	17.4	17.3	15.3	14.8	12.2	8.9	12.7	14.1	12.8	12.3	12.0	11.2	7.5	8.9	9.9	11.4	5.6	8.7	13.7	19.8	20.0	22.7	23	22.7
10	18.9	BF	18.1	17.8	11.4	5.2	6.9	6.1	7.2	7.3	8.3	4.7	5.3	7.5	7.6	9.4	7.9	9.8	10.9	11.2	9.2	8.7	10.8	7.4	23	18.9
11	4.4	BF	2.7	2.6	2.7	3.9	6.6	9.3	5.3	5.6	5.0	6.9	7.6	7.9	6.3	7.5	8.4	8.3	7.1	5.7	4.8	7.3	9.5	11.1	23	11.1
12	5.9	BF	5.1	4.0	4.5	5.2	5.6	6.3	6.5	6.8	3.2	4.0	3.9	3.3	3.2	3.1	3.7	4.8	4.2	3.1	3.4	3.6	3.1	2.6	23	6.8
13	2.7	BF	2.5	2.8	2.5	3.2	4.8	4.8	6.0	5.3	6.6	12.2	14.9	12.6	12.2	10.7	13.1	12.6	13.6	13.3	15.8	18.5	9.3	7.0	23	18.5
14	13.1	BF	7.6	10.0	16.0	7.9	13.2	24.1	15.8	15.1	14.3	13.9	13.6	15.4	15.5	17.2	17.7	21.1	25.4	21.1	23.0	25.6	21.3	23.3	23	25.6
15	12.1	BF	16.4	11.9	9.9	12.3	10.1	19.9	21.0	19.5	14.6	11.3	7.5	7.3	5.8	6.3	8.4	11.2	13.2	12.1	13.6	10.8	14.1	9.1	23	21.0
16	6.2	BF	4.1	3.6	10.6	9.9	10.4	10.4	9.0	9.9	6.9	8.0	7.0	6.6	7.2	8.1	7.4	12.2	18.0	7.1	12.0	14.5	19.0	19.1	23	19.1
17	22.9	BF	20.3	20.6	23.1	24.0	15.9	13.3	8.3	8.2	4.3	7.9	9.2	5.3	12.8	16.0	23.8	17.8	9.2	9.2	8.2	14.8	13.3	11.7	23	24.0
18	9.9	BF	11.5	10.3	8.5	9.1	28.3	32.3	21.7	16.2	15.6	18.1	15.1	14.1	14.9	20.9	23.7	26.5	21.2	38.0	36.4	34.6	32.6	32.2	23	38.0
19	28.9	BF	17.5	13.1	11.7	11.3	19.8	21.2	23.1	19.7	17.1	17.3	10.9	11.2	11.0	15.6	16.1	24.6	30.4	26.0	17.6	13.9	14.9	10.2	23	30.4
20	6.8	BF	14.5	9.8	2.4	6.8	7.1	11.5	14.5	BA	BA	BA	BA	19.5	19.6	19.6	20.9	25.6	33.9	32.0	19.0	9.8	7.0	4.7	19	33.9
21	4.2	BF	3.6	3.2	4.1	5.3	10.8	11.5	11.8	9.7	9.5	19.5	17.5	17.9	11.7	9.3	14.8	18.4	17.0	17.0	20.4	18.3	16.0	15.2	23	20.4
22	12.5	BF	10.5	11.5	12.4	15.9	16.6	15.1	13.0	13.9	7.1	7.3	9.4	11.2	8.5	11.3	17.2	15.8	10.0	24.8	29.9	27.3	21.2	14.9	23	29.9
23	8.3	BF	14.0	14.6	12.4	8.3	8.3	11.6	17.3	11.1	8.1	8.9	6.4	6.4	7.1	8.0	9.0	18.3	18.3	16.7	16.7	13.0	20.2	14.2	23	20.2
24	8.1	BF	3.5	3.0	3.7	4.7	7.8	13.2	10.6	6.9	7.0	7.9	8.3	7.5	11.3	12.2	16.5	10.7	5.8	7.5	6.0	4.1	5.0	4.3	23	16.5
25	21.5	BF	9.7	4.8	6.6	13.9	21.4	25.4	21.0	17.5	13.1	11.2	11.1	8.4	4.6	3.2	5.5	7.2	7.6	10.6	15.4	11.8	5.1	4.2	23	25.4
26	5.7	BF	4.5	5.0	4.1	6.4	11.5	11.1	8.7	10.4	9.7	9.3	9.8	7.4	8.2	11.3	7.2	3.9	4.8	7.7	8.3	8.8	7.8	5.5	23	11.5
27	6.1	BF	4.5	9.5	17.5	26.5	30.4	28.4	25.0	20.7	15.3	11.7	11.7	11.9	12.8	13.6	15.9	21.4	30.0	20.9	19.4	8.8	8.0	3.8	23	30.4
28	2.4	BF	4.0	4.0	4.5	4.5	9.6	10.8	7.0	6.0	3.8	6.6	4.2	5.9	6.2	6.5	5.7	3.9	7.0	9.8	9.3	5.5	7.9	7.3	23	10.8
29																									0	
30																									0	
31																									0	
NO.:	28		28	28	28	28	28	28	28	26	26	26	26	28	28	28	28	28	28	28	28	28	28	28		
MAX:	28.9		25.0	24.7	25.8	26.5	30.4	32.3	25.0	33.3	29.2	19.5	20.5	23.8	19.6	21.2	26.9	26.5	33.9	38.0	36.4	34.6	32.6	32.2		
AVG:	10.73		9.26	8.95	9.16	10.28	13.06	14.83	13.44	11.87	10.05	10.48	9.85	10.00	9.84	10.87	12.59	13.91	14.12	14.45	14.54	13.39	12.58	11.43		

MONTHLY OBSERVATIONS: 636 MONTHLY MEAN: 11.74 MONTHLY MAX: 38.0

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.

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-183-0021 POC: 1
COUNTY: (183) Wake
CITY: (00000) Not in a city
SITE ADDRESS: 2826 TRIPLE OAK DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

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

CAS NUMBER: 10102-44-0
LATITUDE: 35.8652000009
LONGITUDE: -78.8197
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 97
PROBE HEIGHT: 4.5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (200) Teledyne-API Model 200EUP or T200U
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MARCH 2014

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

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	6.8	BF	3.1	3.2	3.1	3.2	3.9	7.3	5.2	6.0	11.0	11.5	12.0	12.3	9.6	12.2	15.1	18.3	5.0	6.6	13.8	19.1	26.3	23.1	23	26.3
2	20.4	BF	17.8	19.2	18.3	14.7	10.9	16.2	17.0	7.3	6.9	7.2	6.7	6.8	7.6	7.5	9.7	12.7	17.5	14.3	11.4	13.5	12.3	7.8	23	20.4
3	7.3	BF	6.3	8.1	16.1	19.8	9.7	12.2	7.1	5.4	5.5	3.1	3.3	2.5	3.0	2.4	2.6	2.1	2.5	1.3	1.2	1.2	1.0	1.2	23	19.8
4	1.2	BF	1.8	2.4	2.2	4.7	4.1	4.5	3.8	4.0	4.5	3.6	5.1	3.9	3.0	2.8	3.8	3.8	5.5	6.2	4.4	5.3	7.7	8.8	23	8.8
5	5.4	BF	4.9	7.4	6.0	9.3	13.4	12.5	9.2	BF	BF	BF	12.5	8.5	5.3	8.3	5.3	8.0	7.0	7.2	7.7	9.4	9.0	10.2	20	13.4
6	9.5	BF	10.7	7.3	8.6	9.0	13.3	15.3	11.4	9.3	8.8	7.0	5.0	4.0	3.8	4.4	4.4	4.0	3.1	2.5	2.4	1.4	1.3	1.2	23	15.3
7	1.5	BF	1.2	1.3	1.4	1.2	1.9	3.4	3.4	4.0	3.0	2.3	3.0	3.0	2.2	3.1	4.4	4.3	5.5	7.7	8.4	9.5	17.7	11.8	23	17.7
8	13.1	BF	20.2	18.1	19.8	18.0	17.6	21.5	20.8	12.6	12.1	10.3	9.1	10.9	10.0	8.9	13.6	13.1	16.2	16.6	20.9	18.0	14.8	13.7	23	21.5
9	13.6	BF	13.2	5.8	12.6	13.5	11.8	12.3	17.7	7.3	4.4	3.1	4.4	4.2	5.0	6.1	8.9	10.6	2.3	3.6	13.0	11.1	12.0	16.0	23	17.7
10	24.6	BF	16.8	20.6	18.7	20.4	18.3	20.1	25.5	27.7	21.5	16.4	15.3	14.9	23.3	19.2	18.0	22.3	34.5	41.2	37.5	27.0	17.0	11.9	23	41.2
11	18.4	BF	22.0	34.2	29.9	35.7	32.2	32.8	33.2	26.8	20.2	16.7	17.7	20.7	17.9	18.6	17.4	28.7	34.1	38.1	34.8	24.5	17.0	18.1	23	38.1
12	35.6	BF	18.0	10.4	16.8	23.3	29.2	22.8	22.7	16.1	13.6	14.2	14.7	15.0	15.5	15.6	12.2	13.3	11.8	7.4	4.9	5.6	6.6	5.3	23	35.6
13	4.2	BF	5.1	4.5	8.1	20.9	26.9	15.9	11.4	10.1	7.1	6.5	7.6	6.8	12.5	9.7	11.6	11.7	21.7	17.0	10.5	20.5	31.8	32.6	23	32.6
14	31.3	BF	28.4	29.8	26.3	28.7	29.4	30.0	29.8	20.1	18.6	17.2	16.1	16.8	14.5	15.5	13.4	15.4	20.8	25.9	17.7	11.2	9.1	6.7	23	31.3
15	4.4	BF	3.9	5.8	8.2	11.8	18.8	19.2	14.4	12.2	9.1	10.4	7.4	9.4	9.4	9.8	11.8	17.5	24.0	27.0	30.6	19.3	18.9	16.1	23	30.6
16	11.9	BF	11.6	14.8	17.7	20.1	12.3	6.2	7.0	6.9	7.3	8.1	7.4	3.9	5.4	9.1	7.4	8.3	6.1	4.0	2.1	1.9	2.7	1.1	23	20.1
17	.8	BF	.9	1.1	2.1	3.7	2.9	4.8	5.3	3.6	3.4	4.0	3.3	3.1	4.0	4.2	4.1	4.9	4.2	4.2	3.8	3.8	3.7	3.6	23	5.3
18	3.8	BF	3.4	3.6	3.5	4.7	4.4	5.8	5.2	5.1	5.0	5.1	4.0	5.8	5.2	5.5	6.0	6.1	5.3	4.5	3.2	2.7	2.4	2.2	23	6.1
19	2.3	BF	2.0	2.6	4.9	6.6	8.8	7.5	7.6	8.1	12.3	12.9	16.0	22.1	18.0	21.2	17.6	20.6	15.6	14.3	8.2	13.7	12.6	9.9	23	22.1
20	7.4	BF	6.6	11.8	11.9	15.0	17.8	18.3	BF	BF	BF	13.5	10.4	9.5	13.0	18.1	14.6	19.8	21.5	12.0	27.2	25.1	23.5	21.0	20	27.2
21	25.1	BF	19.8	19.3	18.3	16.6	20.7	16.3	28.0	23.3	19.4	14.0	15.7	17.6	18.9	16.6	19.1	19.9	31.8	33.7	33.3	37.9	21.3	11.1	23	37.9
22	6.6	BF	9.5	11.8	14.1	22.7	29.4	26.1	11.6	14.6	12.6	12.1	10.3	10.2	10.1	11.7	15.7	20.1	22.8	18.2	9.2	15.8	12.8	21.4	23	29.4
23	18.7	BF	5.6	5.8	9.3	9.2	3.9	3.0	3.0	3.1	2.8	3.5	2.4	2.3	2.3	1.7	2.5	2.7	2.5	2.5	2.4	2.4	3.6	3.1	23	18.7
24	5.5	BF	9.4	4.5	5.0	6.9	10.2	8.5	5.6	2.2	4.7	9.8	7.3	12.4	13.5	11.2	17.3	19.9	11.3	9.6	7.3	7.0	7.1	8.2	23	19.9
25	6.8	BF	10.2	10.6	14.1	19.3	25.0	17.0	22.0	17.8	6.3	5.2	12.6	7.3	9.7	16.5	17.7	7.1	5.1	4.9	6.2	7.9	10.3	13.7	23	25.0
26	9.1	BF	10.3	16.7	14.2	23.0	25.3	17.2	12.7	9.9	7.9	9.4	9.5	9.5	13.3	12.1	11.9	15.1	21.6	12.3	10.7	28.5	17.2	29.4	23	29.4
27	30.2	BF	23.7	24.4	25.9	25.8	25.3	28.0	27.9	25.3	17.5	19.4	15.4	17.3	16.5	17.0	14.8	16.9	21.2	25.4	19.4	13.9	8.8	10.3	23	30.2
28	8.9	BF	19.7	27.0	30.1	26.3	35.8	30.6	22.2	16.4	18.4	20.9	20.1	21.2	23.6	21.3	16.7	25.9	28.7	18.1	12.6	11.7	9.0	8.5	23	35.8
29	19.6	BF	12.5	6.3	15.5	17.0	15.2	12.4	13.0	10.0	14.1	14.1	12.2	10.3	10.5	9.8	9.6	12.6	15.5	13.3	13.7	16.8	9.9	5.1	23	19.6
30	3.0	BF	3.1	2.7	2.7	4.8	5.1	5.1	5.9	5.6	3.2	4.1	5.4	4.4	3.8	4.9	4.1	3.5	3.2	8.1	9.5	5.9	7.0	7.0	23	9.5
31	9.5	BF	11.9	18.0	26.2	27.1	25.6	10.6	9.6	7.4	5.4	10.5	8.6	9.3	7.9	11.7	8.7	4.6	3.6	11.4	23.9	31.2	32.2	29.7	23	32.2
NO.:	31		31	31	31	31	31	31	30	29	29	30	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	35.6		28.4	34.2	30.1	35.7	35.8	32.8	33.2	27.7	21.5	20.9	20.1	22.1	23.6	21.3	19.1	28.7	34.5	41.2	37.5	37.9	32.2	32.6		
AVG:	11.82		10.76	11.58	13.28	15.58	16.42	14.95	13.97	11.32	9.88	9.87	9.69	9.87	10.27	10.86	10.97	12.70	13.92	13.52	13.29	13.64	12.47	11.93		

MONTHLY OBSERVATIONS: 707 MONTHLY MEAN: 12.30 MONTHLY MAX: 41.2

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.

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-183-0021 POC: 1
COUNTY: (183) Wake
CITY: (00000) Not in a city
SITE ADDRESS: 2826 TRIPLE OAK DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

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

CAS NUMBER: 10102-44-0
LATITUDE: 35.8652000009
LONGITUDE: -78.8197
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 97
PROBE HEIGHT: 4.5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (200) Teledyne-API Model 200EUP or T200U
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: APRIL 2014

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	27.3	BF	20.3	20.3	19.1	18.7	18.7	18.7	32.1	32.9	28.5	22.7	18.3	AE	AE	AE	AE	AE	AE	26.7	39.0	29.0	29.8	32.4	17	39.0
2	30.3	BF	7.2	9.2	22.3	32.2	34.3	BC	BC	BC	BC	AE	AE	AE	AE	AE	AE	AE	AE	8.2	15.2	14.9	14.8	5.9	11	34.3
3	9.4	BF	11.6	4.8	11.2	6.7	BC	BC	BC	BC	BC	BC	AE	AE	AE	AE	AE	AE	AE	9.7	8.7	7.5	19.6	26.4	10	26.4
4	13.4	BF	20.2	33.5	41.0	38.1	39.0	30.5	21.0	22.2	19.9	AE	AE	AE	AE	AE	AE	AE	AE	16.9	15.4	12.1	12.6	7.2	15	41.0
5	8.0	BF	13.4	19.0	19.7	17.4	10.2	8.4	3.0	6.5	5.2	4.9	5.5	AE	8.8	AE	AE	AE	1.6	2.0	2.0	2.5	3.1	1.6	19	19.7
6	1.1	BF	1.4	1.5	2.3	3.9	3.7	2.5	2.5	2.5	1.5	2.8	1.4	AE	3.4	AE	AE	AE	5.4	4.2	6.2	4.0	3.9	2.1	19	6.2
7	3.8	BF	2.7	2.3	3.3	3.9	8.0	6.6	7.0	14.5	20.0	19.9	23.5	20.7	16.5	19.1	21.3	22.5	20.3	14.4	9.1	9.1	7.5	6.2	23	23.5
8	5.7	BF	3.8	6.9	10.4	14.4	15.8	16.6	14.1	17.9	13.0	8.9	7.8	9.1	10.2	AE	AE	3.1	3.2	5.6	3.3	5.8	4.3	3.5	21	17.9
9	5.5	BF	3.8	3.9	5.2	5.1	26.1	36.1	27.6	15.8	18.0	8.3	7.5	14.5	17.8	14.3	8.5	12.1	23.4	18.3	12.9	22.7	33.1	28.9	23	36.1
10	25.4	BF	18.6	17.1	14.1	14.7	14.8	19.4	29.5	22.2	21.8	20.8	16.0	AE	AE	AE	AE	AE	AE	34.9	36.4	21.2	13.4	9.7	17	36.4
11	11.0	BF	10.2	14.5	17.7	25.0	28.2	20.4	21.3	19.1	17.7	15.4	AE	AE	AE	AE	AE	AE	AE	27.7	26.6	26.4	22.8	11.8	16	28.2
12	5.3	BF	8.9	18.1	13.3	12.7	25.5	21.3	17.1	13.7	AE	AE	AE	AE	AE	AE	AE	AE	AE	4.1	6.2	13.9	8.9	7.0	14	25.5
13	6.1	BF	4.5	5.9	8.7	8.9	12.8	9.5	7.5	7.1	6.1	7.9	8.0	7.3	8.1	8.8	AE	AE	AE	AE	AE	AE	AE	AE	15	12.8
14	AE	BF	4.1	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	14.5	13.8	8.5	7.8	3.5	6	14.5
15	AE	BF	AE	AE	AE	8.0	18.0	28.1	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	3	28.1
16	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
17	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
18	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
19	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
20	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
21	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
22	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
23	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
24	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
25	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	0	
26	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	0	
27	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	0	
28	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	0	
29	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	0	
30	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	0	
31																									0	
NO.:	13		14	13	13	14	13	12	11	11	10	9	8	4	6	3	2	3	5	13	13	13	13	13		
MAX:	30.3		20.3	33.5	41.0	38.1	39.0	36.1	32.1	32.9	28.5	22.7	23.5	20.7	17.8	19.1	21.3	22.5	23.4	34.9	39.0	29.0	33.1	32.4		
AVG:	11.72		9.34	12.08	14.48	14.98	19.62	18.18	16.61	15.85	15.17	12.40	11.00	12.90	10.80	14.07	14.90	12.57	10.78	14.40	14.98	13.66	13.97	11.25		

MONTHLY OBSERVATIONS: 229 MONTHLY MEAN: 13.92 MONTHLY MAX: 41.0

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.

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-183-0021 POC: 1
COUNTY: (183) Wake
CITY: (00000) Not in a city
SITE ADDRESS: 2826 TRIPLE OAK DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

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

CAS NUMBER: 10102-44-0
LATITUDE: 35.8652000009
LONGITUDE: -78.8197
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 97
PROBE HEIGHT: 4.5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (200) Teledyne-API Model 200EUP or T200U
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MAY 2014

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	5.7 6	BF	7.7 6	10.6 6	12.1 6	15.3 6	BC	BC	BC	BC	13.1 6	12.5 6	13.7 6	12.0 6	13.5 6	14.1 6	12.7 6	14.5 6	13.4 6	12.7 6	11.7 6	10.5 6	8.3 6	5.8 6	19	15.3
2	6.4 6	BF	9.2 6	9.8 6	14.0 6	6.8 6	11.8 6	16.2 6	12.6 6	10.1 6	10.7 6	10.9 6	19.0 6	17.5 6	17.9 6	17.1 6	17.4 6	21.2 6	20.8 6	19.7 6	20.3 6	15.3 6	13.8 6	15.8 6	23	21.2
3	7.1 6	BF	12.4 6	11.8 6	10.0 6	20.2 6	20.5 6	11.8 6	10.0 6	7.2 6	7.3 6	4.4 6	6.7 6	8.5 6	9.9 6	10.6 6	9.1 6	10.1 6	14.5 6	13.7 6	16.2 6	11.7 6	9.0 6	8.3 6	23	20.5
4	15.2 6	BF	12.6 6	21.8 6	14.3 6	14.6 6	13.2 6	10.1 6	7.7 6	6.4 6	7.7 6	7.9 6	8.4 6	6.5 6	7.0 6	AE	7.9 6	12.3 6	20.1 6	19.4 6	17.6 6	9.7 6	19.4 6	12.5 6	22	21.8
5	7.5 6	BF	12.1 6	7.0 6	7.1 6	9.4 6	15.3 6	16.0 6	15.7 6	17.7 6	12.6 6	16.5 6	18.1 6	18.2 6	10.6 6	4.0 6	5.8 6	13.8 6	5.6 6	4.3 6	4.5 6	4.7 6	10.9 6	3.1 6	23	18.2
6	3.1 6	BF	1.9 6	2.2 6	3.0 6	9.2 6	9.6 6	12.2 6	15.5 6	15.4 6	13.3 6	12.4 6	15.2 6	10.0 6	15.3 6	AE	AE	AE	5.5 6	2.8 6	3.7 6	3.5 6	5.1 6	2.6 6	20	15.5
7	4.7 6	BF	9.0 6	7.6 6	4.5 6	11.8 6	15.1 6	17.8 6	8.5 6	7.8 6	12.1 6	17.4 6	18.3 6	11.5 6	8.6 6	14.7 6	AE	AE	2.7 6	5.1 6	6.0 6	6.8 6	8.2 6	14.9 6	21	18.3
8	13.6 6	BF	10.1 6	9.5 6	8.3 6	7.1 6	20.2 6	19.7 6	19.4 6	19.2 6	16.8 6	15.2 6	17.6 6	15.7 6	AE	AE	AE	AE	25.7 6	26.4 6	23.8 6	21.2 6	19.7 6	21.1 6	19	26.4
9	17.0 6	BF	16.5 6	17.6 6	18.3 6	25.8 6	20.6 6	17.3 6	17.8 6	18.6 6	18.2 6	17.2 6	16.5 6	18.9 6	14.9 6	AE	AE	19.1 6	21.4 6	12.3 6	8.7 6	11.5 6	13.2 6	11.0 6	21	25.8
10	9.0 6	BF	2.8 6	4.8 6	9.0 6	18.7 6	15.5 6	13.2 6	13.9 6	8.5 6	9.9 6	9.8 6	8.1 6	8.9 6	AE	11.6 6	8.7 6	11.5 6	8.0 6	8.0 6	16.2 6	13.2 6	11.9 6	14.8 6	22	18.7
11	7.1 6	BF	2.9 6	3.7 6	5.6 6	10.5 6	9.8 6	7.9 6	7.3 6	4.1 6	1.5 6	4.4 6	5.7 6	4.3 6	3.8 6	AE	AE	AE	AE	.8 6	5.4 6	8.7 6	10.0 6	11.2 6	19	11.2
12	18.8 6	BF	13.4 6	11.4 6	10.7 6	12.7 6	9.5 6	19.9 6	23.2 6	16.7 6	16.9 6	15.6 6	17.5 6	18.9 6	AE	AE	AE	AE	AE	6.5 6	12.1 6	25.7 6	24.0 6	17.8 6	18	25.7
13	8.2 6	BF	3.9 6	4.7 6	16.0 6	20.5 6	16.2 6	16.5 6	18.5 6	17.2 6	12.9 6	18.9 6	14.2 6	AE	AE	AE	AE	AE	AE	8.9 6	5.1 6	11.2 6	13.6 6	8.4 6	17	20.5
14	6.1 6	BF	12.0 6	13.3 6	13.6 6	19.7 6	13.6 6	13.7 6	BF	BF	BF	BF	BF	AE	AE	AE	AE	AE	AE	11.0 6	8.9 6	8.1 6	7.2 6	5.8 6	12	19.7
15	6.0 6	BF	5.8 6	11.7 6	15.5 6	20.6 6	19.2 6	16.9 6	11.8 6	11.5 6	11.1 6	14.6 6	15.4 6	16.6 6	21.0 6	16.7 6	10.8 6	14.4 6	8.8 6	7.3 6	5.0 6	5.2 6	4.2 6	2.1 6	23	21.0
16	3.3 6	BF	4.8 6	3.4 6	2.9 6	11.3 6	11.0 6	13.1 6	11.5 6	8.4 6	11.9 6	11.2 6	13.0 6	12.0 6	14.7 6	13.4 6	15.2 6	13.6 6	20.0 6	23.3 6	18.3 6	17.5 6	17.5 6	8.6 6	23	23.3
17	9.3 6	BF	6.3 6	9.2 6	13.4 6	22.4 6	19.0 6	13.7 6	10.7 6	7.6 6	10.1 6	7.7 6	6.8 6	8.1 6	7.3 6	7.7 6	11.4 6	11.4 6	12.2 6	3.8 6	4.7 6	5.1 6	4.4 6	5.8 6	23	22.4
18	4.1 6	BF	1.5 6	1.1 6	2.4 6	2.3 6	2.0 6	4.1 6	2.3 6	1.1 6	1.5 6	1.1 6	1.3 6	1.3 6	2.5 6	2.6 6	1.5 6	.9 6	.6 6	.5 6	11.2 6	22.0 6	11.5 6	12.9 6	23	22.0
19	12.3 6	BF	5.7 6	4.3 6	4.2 6	4.5 6	7.7 6	15.5 6	11.4 6	15.1 6	10.7 6	13.5 6	11.2 6	4.2 6	5.6 6	16.1 6	10.4 6	2.9 6	2.0 6	5.7 6	14.4 6	10.0 6	30.9 6	21.0 6	23	30.9
20	11.0 6	BF	12.1 6	7.5 6	11.6 6	20.7 6	25.1 6	24.0 6	21.4 6	17.6 6	16.2 6	15.0 6	14.5 6	16.7 6	16.6 6	14.1 6	13.3 6	14.1 6	16.5 6	16.4 6	17.1 6	11.8 6	11.6 6	8.7 6	23	25.1
21	7.0 6	BF	8.5 6	12.2 6	19.1 6	25.4 6	19.4 6	20.6 6	19.7 6	18.6 6	18.4 6	16.8 6	17.6 6	18.2 6	18.3 6	AE	AE	AE	16.0 6	17.6 6	22.4 6	18.0 6	12.3 6	11.1 6	20	25.4
22	12.1 6	BF	7.2 6	4.2 6	14.9 6	23.6 6	20.6 6	23.3 6	23.7 6	22.3 6	10.9 6	17.9 6	14.4 6	15.9 6	AE	AE	AE	AE	AE	22.5 6	6.3 6	6.9 6	13.9 6	17.1 6	18	23.7
23	17.0 6	BF	14.4 6	20.8 6	20.1 6	18.3 6	12.1 6	18.3 6	11.3 6	6.1 6	15.1 6	18.1 6	6.4 6	6.1 6	5.6 6	AE	AE	AE	11.8 6	5.7 6	12.4 6	12.8 6	6.8 6	5.2 6	20	20.8
24	2.8 6	BF	1.1 6	1.2 6	2.2 6	6.5 6	3.3 6	6.4 6	3.3 6	1.9 6	2.5 6	1.9 6	3.1 6	4.2 6	2.9 6	AE	AE	AE	.5 6	.8 6	2.7 6	3.9 6	3.2 6	3.5 6	20	6.5
25	5.6 6	BF	13.4 6	8.6 6	6.3 6	4.9 6	5.5 6	7.1 6	6.2 6	7.1 6	5.9 6	5.8 6	5.7 6	7.4 6	8.9 6	8.1 6	8.6 6	5.9 6	1.3 6	1.6 6	6.1 6	13.1 6	14.7 6	18.4 6	23	18.4
26	7.8 6	BF	4.8 6	6.5 6	3.6 6	8.1 6	11.9 6	8.4 6	7.5 6	6.0 6	5.8 6	6.6 6	8.0 6	5.8 6	AE	AE	AE	AE	AE	17.4 6	14.5 6	13.0 6	9.1 6	4.6 6	18	17.4
27	6.8 6	BF	6.5 6	7.1 6	11.3 6	14.9 6	17.7 6	13.1 6	BF	BF	BF	15.7 6	16.2 6	AE	AE	AE	14.7 6	23.0 6	17.8 6	18.2 6	15.0 6	14.9 6	9.7 6	10.5 6	17	23.0
28	5.8 6	BF	8.3 6	6.2 6	6.5 6	12.4 6	13.3 6	14.7 6	19.3 6	10.5 6	7.7 6	6.5 6	AE	AE	AE	AE	AE	AE	AE	9.2 6	6.0 6	8.2 6	16.6 6	13.3 6	16	19.3
29	3.0 6	BF	5.0 6	11.9 6	12.2 6	8.2 6	9.0 6	9.1 6	12.7 6	12.2 6	6.7 6	7.7 6	7.0 6	8.8 6	5.2 6	3.0 6	3.7 6	5.0 6	9.2 6	4.0 6	4.4 6	9.1 6	3.9 6	5.0 6	23	12.7
30	6.0 6	BF	2.2 6	2.6 6	4.5 6	9.5 6	11.4 6	AZ	AZ	AZ	AZ	AZ	AZ	AZ	8.1 6	8.1 6	4.3 6	2.6 6	4.6 6	2.5 6	6.1 6	3.6 6	5.4 6	5.3 6	16	11.4
31	4.9 6	BF	1.7 6	2.6 6	3.0 6	2.2 6	4.2 6	5.9 6	5.1 6	3.2 6	1.7 6	2.3 6	3.4 6	2.7 6	2.3 6	1.8 6	1.1 6	.4 6	.8 6	1.0 6	2.1 6	2.5 6	7.0 6	4.9 6	23	7.0
NO.:	31		31	31	31	31	30	29	27	27	28	29	28	26	22	16	17	18	24	31	31	31	31	31		
MAX:	18.8		16.5	21.8	20.1	25.8	25.1	24.0	23.7	22.3	18.4	18.9	19.0	18.9	21.0	17.1	17.4	23.0	25.7	26.4	23.8	25.7	30.9	21.1		
AVG:	8.20		7.61	8.29	9.68	13.49	13.44	14.02	12.89	11.04	10.33	11.22	11.54	10.73	10.02	10.23	9.21	10.93	10.83	9.97	10.61	10.95	11.52	10.04		

MONTHLY OBSERVATIONS: 631 MONTHLY MEAN: 10.75 MONTHLY MAX: 30.9

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.

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-183-0021 POC: 1
COUNTY: (183) Wake
CITY: (00000) Not in a city
SITE ADDRESS: 2826 TRIPLE OAK DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

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

CAS NUMBER: 10102-44-0
LATITUDE: 35.8652000009
LONGITUDE: -78.8197
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 97
PROBE HEIGHT: 4.5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (200) Teledyne-API Model 200EUP or T200U
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JUNE 2014

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	2.2 6	BF	3.0 6	1.6 6	1.5 6	1.9 6	2.9 6	5.5 6	8.4 6	4.8 6	5.1 6	7.7 6	5.0 6	2.1 6	1.2 6	2.6 6	2.7 6	1.7 6	1.6 6	2.6 6	3.8 6	3.9 6	5.7 6	5.1 6	23	8.4
2	4.2 6	BF	3.2 6	4.2 6	7.7 6	8.7 6	14.7 6	18.8 6	20.7 6	14.1 6	13.5 6	9.2 6	11.3 6	9.2 6	14.1 6	15.2 6	18.0 6	18.2 6	17.4 6	4.4 6	10.0 6	29.4 6	28.5 6	26.2 6	23	29.4
3	21.0 6	BF	18.1 6	16.2 6	20.0 6	24.9 6	17.0 6	21.3 6	14.7 6	15.8 6	15.5 6	14.1 6	14.0 6	15.6 6	16.6 6	20.9 6	17.9 6	16.0 6	19.1 6	10.5 6	10.0 6	13.2 6	14.1 6	17.5 6	23	24.9
4	10.5 6	BF	13.3 6	10.8 6	11.5 6	12.1 6	17.3 6	18.8 6	16.8 6	11.8 6	9.8 6	13.3 6	14.6 6	18.7 6	18.0 6	5.8 6	13.1 6	19.8 6	7.3 6	9.5 6	15.9 6	21.6 6	4.5 6	3.9 6	23	21.6
5	3.5 6	BF	4.4 6	8.6 6	11.9 6	14.0 6	16.7 6	15.5 6	16.3 6	16.9 6	15.5 6	15.5 6	14.4 6	18.3 6	18.0 6	18.0 6	17.4 6	16.1 6	18.3 6	18.4 6	5.7 6	4.9 6	3.5 6	1.9 6	23	18.4
6	2.3 6	BF	3.8 6	4.1 6	7.9 6	15.0 6	17.9 6	10.4 6	18.6 6	14.2 6	13.0 6	5.9 6	7.0 6	5.8 6	7.9 6	3.2 6	4.4 6	6.2 6	3.1 6	2.8 6	3.0 6	5.2 6	7.7 6	5.7 6	23	18.6
7	5.0 6	BF	5.7 6	5.3 6	6.5 6	5.7 6	5.6 6	7.2 6	9.4 6	8.7 6	7.8 6	4.5 6	6.0 6	6.3 6	5.2 6	4.9 6	3.2 6	2.8 6	1.1 6	1.1 6	1.8 6	2.2 6	3.4 6	12.9 6	23	12.9
8	8.0 6	BF	4.7 6	4.2 6	4.2 6	4.9 6	6.3 6	6.7 6	5.5 6	5.1 6	5.3 6	4.4 6	4.0 6	7.0 6	7.8 6	6.6 6	8.7 6	9.8 6	9.6 6	10.2 6	10.1 6	7.8 6	6.4 6	6.2 6	23	10.2
9	4.7 6	BF	8.1 6	12.1 6	14.6 6	23.6 6	24.0 6	25.0 6	19.7 6	22.8 6	19.5 6	13.9 6	14.6 6	14.8 6	15.8 6	16.0 6	13.2 6	15.7 6	12.7 6	5.5 6	4.6 6	8.6 6	11.6 6	9.9 6	23	25.0
10	6.4 6	BF	6.9 6	12.2 6	6.7 6	10.0 6	11.2 6	BF	BF	BF	BF	BF	14.4 6	12.3 6	15.7 6	14.5 6	15.2 6	19.6 6	2.4 6	4.5 6	12.4 6	15.5 6	14.1 6	11.0 6	18	19.6
11	9.7 6	BF	3.6 6	5.4 6	8.2 6	16.5 6	20.7 6	8.1 6	7.0 6	12.6 6	13.0 6	14.6 6	17.6 6	15.8 6	16.1 6	7.0 6	AV	AV	AV	AV	AV	AV	AV	AV	15	20.7
12	AV	AV	AN	AN	AN	AN	AN	AN	AN	18.1 6	11.5 6	6.0 6	14.5 6	11.8 6	7.2 6	2.8 6	15.1 6	13.1 6	7.3 6	8.7 6	6.3 6	7.2 6	7.4 6	8.0 6	15	18.1
13	6.4 6	BF	5.4 6	8.8 6	14.0 6	20.7 6	20.1 6	15.3 6	16.8 6	14.8 6	15.2 6	18.5 6	17.1 6	14.2 6	15.6 6	14.7 6	15.6 6	5.3 6	5.7 6	4.6 6	12.7 6	15.4 6	9.8 6	8.7 6	23	20.7
14	10.4 6	BF	5.4 6	3.4 6	2.7 6	2.9 6	5.5 6	8.0 6	2.7 6	2.3 6	1.8 6	2.6 6	3.2 6	2.9 6	2.9 6	4.5 6	3.3 6	2.5 6	1.2 6	1.1 6	2.1 6	9.7 6	9.5 6	11.3 6	23	11.3
15	14.6 6	BF	12.2 6	6.2 6	2.1 6	2.1 6	4.1 6	3.4 6	4.4 6	10.3 6	6.3 6	6.4 6	3.8 6	1.7 6	5.1 6	3.0 6	2.0 6	1.5 6	1.3 6	2.2 6	5.0 6	6.0 6	10.5 6	7.6 6	23	14.6
16	7.3 6	BF	10.2 6	8.9 6	7.9 6	20.3 6	19.9 6	18.2 6	20.1 6	16.9 6	18.6 6	21.5 6	8.9 6	15.5 6	20.2 6	12.6 6	21.1 6	22.0 6	10.5 6	6.4 6	9.9 6	7.2 6	10.9 6	7.9 6	23	22.0
17	4.2 6	BF	5.4 6	10.8 6	13.5 6	19.1 6	16.6 6	17.0 6	16.9 6	18.7 6	14.9 6	13.0 6	14.8 6	16.2 6	14.6 6	19.4 6	16.1 6	15.7 6	14.2 6	10.3 6	15.1 6	12.2 6	14.3 6	10.3 6	23	19.4
18	6.9 6	BF	8.9 6	10.7 6	17.0 6	23.5 6	17.1 6	16.5 6	19.3 6	20.4 6	19.9 6	15.5 6	14.5 6	18.4 6	20.3 6	16.5 6	15.1 6	20.0 6	14.3 6	15.4 6	19.4 6	12.6 6	11.2 6	7.9 6	23	23.5
19	7.7 6	BF	8.9 6	11.2 6	11.1 6	20.4 6	17.5 6	17.2 6	17.4 6	16.8 6	16.0 6	19.5 6	17.4 6	17.7 6	17.2 6	19.7 6	12.5 6	7.4 6	6.9 6	8.2 6	8.5 6	17.2 6	7.5 6	11.0 6	23	20.4
20	7.1 6	BF	4.5 6	6.9 6	9.1 6	11.3 6	9.4 6	8.0 6	8.3 6	5.5 6	7.8 6	8.4 6	5.5 6	8.4 6	4.2 6	10.2 6	6.7 6	8.7 6	5.6 6	10.7 6	14.7 6	10.2 6	7.7 6	15.1 6	23	15.1
21	11.9 6	BF	3.2 6	4.2 6	5.5 6	7.0 6	10.9 6	11.5 6	10.9 6	9.1 6	8.8 6	6.0 6	6.5 6	7.2 6	8.6 6	8.4 6	12.7 6	11.6 6	5.5 6	7.6 6	6.1 6	4.3 6	5.2 6	3.6 6	23	12.7
22	1.5 6	BF	3.0 6	2.2 6	1.9 6	3.3 6	3.1 6	1.7 6	1.6 6	1.7 6	1.7 6	1.3 6	2.0 6	1.7 6	1.1 6	1.9 6	.7 6	.6 6	.6 6	4.9 6	3.7 6	6.1 6	2.9 6	2.0 6	23	6.1
23	1.5 6	BF	1.4 6	1.3 6	4.8 6	2.8 6	10.0 6	11.3 6	10.1 6	10.9 6	9.0 6	9.8 6	10.3 6	8.9 6	7.0 6	8.1 6	2.9 6	4.1 6	3.7 6	2.2 6	3.0 6	5.4 6	6.5 6	3.6 6	23	11.3
24	2.5 6	BF	2.1 6	2.6 6	3.5 6	3.9 6	10.2 6	BF	BF	BF	BF	BF	14.0 6	16.0 6	18.0 6	16.8 6	13.0 6	14.2 6	12.5 6	10.9 6	5.9 6	10.9 6	8.8 6	8.3 6	18	18.0
25	6.3 6	BF	8.2 6	7.6 6	11.5 6	17.7 6	18.5 6	13.7 6	15.2 6	11.2 6	14.4 6	15.3 6	15.6 6	11.7 6	14.6 6	17.0 6	15.4 6	17.8 6	14.4 6	5.3 6	2.6 6	10.5 6	16.7 6	12.4 6	23	18.5
26	14.5 6	BF	9.8 6	8.3 6	13.3 6	16.4 6	20.9 6	17.9 6	10.4 6	9.2 6	9.5 6	7.6 6	5.0 6	9.0 6	5.7 6	7.3 6	2.9 6	2.2 6	3.8 6	3.9 6	5.9 6	11.9 6	7.7 6	3.8 6	23	20.9
27	2.5 6	BF	5.4 6	1.7 6	3.8 6	6.4 6	9.5 6	5.5 6	4.4 6	10.8 6	8.6 6	12.6 6	4.3 6	3.8 6	2.5 6	5.7 6	9.9 6	9.1 6	7.4 6	2.2 6	3.7 6	4.0 6	4.9 6	2.9 6	23	12.6
28	1.9 6	BF	1.5 6	2.2 6	2.1 6	5.1 6	6.1 6	5.8 6	5.6 6	5.1 6	2.6 6	2.6 6	3.2 6	2.5 6	4.2 6	2.6 6	3.4 6	3.9 6	6.3 6	5.1 6	5.7 6	3.5 6	4.5 6	4.6 6	23	6.3
29	1.1 6	BF	2.1 6	1.3 6	1.0 6	1.3 6	4.1 6	3.9 6	4.4 6	4.4 6	4.8 6	5.5 6	4.4 6	2.6 6	4.5 6	2.6 6	2.4 6	.7 6	1.0 6	1.4 6	4.1 6	3.7 6	3.7 6	5.9 6	23	5.9
30	7.7 6	BF	3.5 6	3.5 6	5.7 6	9.0 6	17.5 6	17.4 6	18.7 6	17.8 6	14.9 6	14.0 6	11.9 6	14.8 6	14.2 6	14.0 6	10.0 6	10.7 6	15.5 6	9.0 6	13.0 6	16.5 6	4.6 6	9.6 6	23	18.7
31																									0	
NO.:	29		29	29	29	29	29	27	27	28	28	28	30	30	30	30	29	29	29	29	29	29	29	29		
MAX:	21.0		18.1	16.2	20.0	24.9	24.0	25.0	20.7	22.8	19.9	21.5	17.6	18.7	20.3	20.9	21.1	22.0	19.1	18.4	19.4	29.4	28.5	26.2		
AVG:	6.67		6.07	6.43	7.97	11.40	12.94	12.21	12.01	11.81	10.87	10.33	9.99	10.36	10.80	10.08	10.16	10.24	7.94	6.54	7.75	9.89	8.75	8.44		

MONTHLY OBSERVATIONS: 664 MONTHLY MEAN: 9.53 MONTHLY MAX: 29.4

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.

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-183-0021 POC: 1
COUNTY: (183) Wake
CITY: (00000) Not in a city
SITE ADDRESS: 2826 TRIPLE OAK DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

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

CAS NUMBER: 10102-44-0
LATITUDE: 35.8652000009
LONGITUDE: -78.8197
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 97
PROBE HEIGHT: 4.5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (200) Teledyne-API Model 200EUP or T200U
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JULY 2014

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

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	6.3 6	BF	8.2 6	10.4 6	13.7 6	22.7 6	25.7 6	24.0 6	20.1 6	14.3 6	12.9 6	11.6 6	11.8 6	14.4 6	16.0 6	14.5 6	16.7 6	17.2 6	16.1 6	16.6 6	14.5 6	15.7 6	9.9 6	6.4 6	23	25.7
2	7.8 6	BF	6.5 6	10.2 6	16.0 6	19.5 6	20.0 6	18.7 6	21.2 6	15.6 6	14.1 6	11.3 6	13.5 6	11.7 6	13.3 6	14.9 6	13.5 6	13.5 6	11.0 6	10.9 6	10.8 6	9.3 6	7.7 6	4.9 6	23	21.2
3	3.6 6	BF	5.4 6	7.2 6	11.5 6	12.4 6	12.8 6	9.7 6	8.7 6	10.8 6	12.7 6	11.3 6	11.2 6	12.1 6	13.6 6	3.0 6	4.9 6	2.9 6	1.9 6	3.5 6	3.7 6	3.3 6	6.1 6	2.5 6	23	13.6
4	2.7 6	BF	4.1 6	3.9 6	4.8 6	3.5 6	4.7 6	4.5 6	4.1 6	3.0 6	2.2 6	6.6 6	3.6 6	5.0 6	4.0 6	4.6 6	3.8 6	1.1 6	.6 6	1.0 6	1.4 6	2.2 6	5.4 6	3.5 6	23	6.6
5	1.7 6	BF	1.0 6	1.1 6	.9 6	1.0 6	1.7 6	3.5 6	3.0 6	2.1 6	.9 6	2.4 6	4.3 6	4.4 6	5.0 6	4.3 6	2.2 6	3.9 6	.8 6	1.0 6	1.8 6	3.1 6	7.3 6	7.7 6	23	7.7
6	4.3 6	BF	4.1 6	2.7 6	3.3 6	4.9 6	6.4 6	4.9 6	4.4 6	5.0 6	5.4 6	5.6 6	5.1 6	7.1 6	6.1 6	6.4 6	8.2 6	10.1 6	8.8 6	9.7 6	9.7 6	12.0 6	10.3 6	9.5 6	23	12.0
7	6.4 6	BF	4.3 6	8.9 6	13.5 6	15.4 6	15.6 6	11.8 6	13.8 6	12.6 6	13.9 6	13.5 6	12.0 6	13.5 6	12.4 6	12.3 6	13.0 6	13.8 6	10.7 6	10.1 6	13.5 6	12.3 6	12.5 6	8.7 6	23	15.6
8	4.5 6	BF	3.6 6	7.7 6	13.4 6	18.9 6	17.6 6	BF	BF	BF	BF	13.9 6	12.3 6	12.1 6	14.4 6	14.1 6	13.9 6	14.3 6	13.0 6	11.8 6	12.8 6	9.0 6	14.3 6	12.3 6	19	18.9
9	8.3 6	BF	8.8 6	14.3 6	16.5 6	21.2 6	21.3 6	18.4 6	18.2 6	19.0 6	19.0 6	14.7 6	12.5 6	14.2 6	14.0 6	10.9 6	12.9 6	18.6 6	16.1 6	12.7 6	6.3 6	8.0 6	9.2 6	9.6 6	23	21.3
10	6.2 6	BF	10.2 6	6.4 6	5.5 6	12.2 6	15.9 6	21.3 6	22.1 6	17.6 6	14.1 6	15.2 6	13.3 6	10.2 6	6.0 6	2.4 6	5.0 6	9.6 6	12.2 6	21.9 6	22.6 6	17.7 6	13.0 6	6.8 6	23	22.6
11	4.1 6	BF	3.0 6	3.6 6	3.2 6	3.6 6	6.6 6	7.9 6	6.0 6	8.1 6	7.4 6	9.6 6	9.4 6	5.7 6	10.3 6	7.4 6	10.3 6	7.9 6	2.6 6	3.9 6	3.3 6	7.0 6	8.3 6	7.1 6	23	10.3
12	6.0 6	BF	3.6 6	3.6 6	3.6 6	3.5 6	3.0 6	8.4 6	8.2 6	5.3 6	6.0 6	9.3 6	6.4 6	7.1 6	7.9 6	8.1 6	9.2 6	9.1 6	6.6 6	2.3 6	2.0 6	3.3 6	5.0 6	5.6 6	23	9.3
13	5.2 6	BF	3.8 6	3.9 6	4.3 6	4.6 6	6.1 6	4.5 6	5.5 6	5.6 6	6.3 6	5.7 6	5.9 6	6.4 6	7.2 6	5.9 6	5.7 6	6.4 6	7.4 6	10.1 6	11.9 6	11.3 6	6.9 6	4.7 6	23	11.9
14	4.7 6	BF	4.5 6	7.5 6	10.5 6	15.2 6	13.3 6	12.3 6	13.0 6	14.1 6	13.0 6	14.2 6	11.7 6	14.7 6	13.9 6	12.8 6	13.1 6	14.5 6	13.6 6	12.7 6	15.0 6	6.3 6	11.4 6	6.0 6	23	15.2
15	6.4 6	BF	6.6 6	7.2 6	11.8 6	14.0 6	12.9 6	13.3 6	11.4 6	16.3 6	16.3 6	16.4 6	13.8 6	17.5 6	16.1 6	14.8 6	12.7 6	22.0 6	22.0 6	22.2 6	9.6 6	7.3 6	10.8 6	14.3 6	23	22.2
16	8.7 6	BF	8.4 6	7.4 6	7.6 6	16.2 6	13.8 6	10.6 6	9.3 6	5.7 6	5.2 6	3.3 6	4.2 6	4.1 6	3.1 6	1.9 6	4.0 6	2.1 6	1.8 6	1.8 6	3.4 6	2.9 6	3.1 6	8.0 6	23	16.2
17	12.6 6	BF	8.9 6	7.6 6	5.0 6	10.4 6	10.3 6	12.2 6	8.3 6	7.4 6	8.8 6	5.9 6	4.5 6	2.7 6	2.1 6	4.8 6	8.8 6	1.7 6	1.7 6	1.8 6	2.0 6	3.2 6	6.6 6	7.7 6	23	12.6
18	9.8 6	BF	4.7 6	4.7 6	3.7 6	4.5 6	6.6 6	12.8 6	18.9 6	19.9 6	13.9 6	14.4 6	14.0 6	11.7 6	12.6 6	14.1 6	5.7 6	2.8 6	2.5 6	3.0 6	3.2 6	4.7 6	6.8 6	4.5 6	23	19.9
19	4.4 6	BF	1.5 6	1.6 6	1.4 6	1.9 6	6.4 6	8.0 6	3.9 6	3.6 6	3.0 6	1.7 6	3.0 6	3.6 6	3.7 6	.6 6	1.0 6	1.1 6	1.1 6	1.9 6	2.3 6	2.2 6	2.1 6	1.7 6	23	8.0
20	1.9 6	BF	1.3 6	.7 6	1.4 6	2.0 6	2.9 6	6.5 6	5.0 6	8.0 6	9.6 6	3.3 6	7.4 6	AV	7.8 6	9.2 6	1.5 6	1.6 6	1.8 6	3.0 6	2.6 6	3.7 6	2.0 6	5.4 6	22	9.6
21	2.4 6	BF	5.3 6	2.7 6	2.1 6	4.7 6	6.5 6	11.2 6	9.3 6	9.9 6	8.9 6	22.2 6	28.3 6	21.6 6	22.4 6	13.2 6	11.4 6	10.4 6	12.1 6	8.1 6	5.1 6	3.6 6	2.6 6	2.1 6	23	28.3
22	1.8 6	BF	2.0 6	1.7 6	3.4 6	6.3 6	7.5 6	BF	BF	BF	BF	5.2 6	8.0 6	14.5 6	5.3 6	7.6 6	4.6 6	1.7 6	2.2 6	2.7 6	3.3 6	3.4 6	3.5 6	4.6 6	19	14.5
23	3.6 6	BF	4.7 6	6.6 6	8.1 6	11.7 6	11.3 6	13.4 6	13.8 6	12.0 6	12.8 6	10.5 6	11.2 6	13.1 6	12.4 6	13.1 6	11.7 6	13.3 6	9.7 6	10.7 6	11.7 6	14.0 6	10.6 6	8.2 6	23	14.0
24	5.8 6	BF	4.3 6	7.1 6	7.6 6	12.1 6	12.3 6	14.6 6	10.2 6	5.7 6	10.0 6	9.2 6	8.6 6	8.4 6	2.6 6	2.6 6	3.8 6	6.1 6	9.1 6	4.4 6	11.3 6	8.6 6	5.2 6	1.8 6	23	14.6
25	1.3 6	BF	4.5 6	2.9 6	6.5 6	6.3 6	6.3 6	3.7 6	4.3 6	4.2 6	7.9 6	7.8 6	9.2 6	3.2 6	6.4 6	4.6 6	4.7 6	9.1 6	2.4 6	2.4 6	2.4 6	4.0 6	6.3 6	11.5 6	23	11.5
26	10.2 6	BF	4.3 6	6.1 6	7.8 6	12.1 6	11.6 6	12.1 6	11.6 6	10.0 6	8.8 6	9.3 6	7.9 6	8.3 6	9.9 6	9.4 6	11.2 6	10.0 6	6.1 6	2.0 6	4.8 6	9.7 6	8.8 6	8.4 6	23	12.1
27	7.3 6	BF	5.4 6	4.9 6	5.2 6	7.9 6	7.6 6	6.6 6	6.8 6	12.2 6	11.7 6	7.9 6	5.2 6	6.6 6	6.1 6	7.4 6	5.5 6	8.5 6	10.5 6	10.5 6	6.7 6	4.5 6	5.8 6	5.5 6	23	12.2
28	7.2 6	BF	3.2 6	6.0 6	13.1 6	20.3 6	22.4 6	22.4 6	17.3 6	15.4 6	13.7 6	13.0 6	13.4 6	9.8 6	5.2 6	6.3 6	5.3 6	3.3 6	2.4 6	2.9 6	4.0 6	5.4 6	3.0 6	2.7 6	23	22.4
29	1.9 6	BF	2.1 6	1.4 6	4.2 6	9.6 6	7.9 6	6.5 6	4.1 6	4.4 6	7.6 6	6.4 6	4.7 6	8.6 6	4.2 6	1.7 6	4.7 6	2.8 6	2.2 6	2.7 6	6.2 6	6.7 6	11.0 6	7.8 6	23	11.0
30	11.5 6	BF	3.1 6	2.2 6	2.0 6	3.9 6	6.7 6	11.6 6	9.7 6	11.8 6	5.4 6	11.4 6	7.6 6	14.9 6	3.8 6	3.7 6	3.9 6	3.0 6	2.6 6	3.3 6	5.0 6	5.2 6	10.8 6	5.9 6	23	14.9
31	6.4 6	BF	8.4 6	4.7 6	2.9 6	4.0 6	6.3 6	10.0 6	16.4 6	24.4 6	20.6 6	18.3 6	12.7 6	16.7 6	14.1 6	10.5 6	3.3 6	3.4 6	3.9 6	6.9 6	8.5 6	14.6 6	5.8 6	3.9 6	23	24.4
NO.:	31		31	31	31	31	31	29	29	29	29	31	31	30	31	31	31	31	31	31	31	31	31	31		
MAX:	12.6		10.2	14.3	16.5	22.7	25.7	24.0	22.1	24.4	20.6	22.2	28.3	21.6	22.4	14.9	16.7	22.0	22.0	22.2	22.6	17.7	14.3	14.3		
AVG:	5.65		4.83	5.38	6.92	9.89	10.65	11.22	10.64	10.48	10.07	10.04	9.57	10.13	9.09	7.97	7.62	7.93	6.95	7.05	7.14	7.23	7.49	6.43		

MONTHLY OBSERVATIONS: 704 MONTHLY MEAN: 8.25 MONTHLY MAX: 28.3

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.

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-183-0021 POC: 1
COUNTY: (183) Wake
CITY: (00000) Not in a city
SITE ADDRESS: 2826 TRIPLE OAK DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

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

CAS NUMBER: 10102-44-0
LATITUDE: 35.8652000009
LONGITUDE: -78.8197
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 97
PROBE HEIGHT: 4.5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (200) Teledyne-API Model 200EUP or T200U
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: AUGUST 2014

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	2.9	BF	5.2	1.9	2.1	3.7	5.9	6.4	10.2	6.3	7.9	9.9	11.7	11.4	9.5	10.7	3.8	3.5	4.0	3.4	3.1	2.7	2.4	2.8	23	11.7
2	.9	BF	.6	.6	1.4	2.8	3.2	3.4	3.8	3.2	2.2	2.2	4.6	3.1	4.7	4.6	2.7	4.5	3.5	1.5	2.1	2.0	1.2	1.3	23	4.7
3	2.4	BF	.7	.8	.9	1.5	2.8	2.7	2.2	2.2	7.1	6.1	7.1	4.1	4.5	2.4	2.2	6.5	7.6	3.1	2.3	2.6	4.0	1.9	23	7.6
4	1.9	BF	7.5	6.9	6.3	5.8	6.5	6.2	4.5	4.4	4.2	7.4	9.1	8.7	2.9	3.3	1.8	1.2	1.5	2.6	3.7	4.9	3.9	4.8	23	9.1
5	6.9	BF	3.2	2.8	3.5	4.5	BC	BC	BC	BC	BC	5.3	4.0	3.3	3.8	1.1	1.7	1.3	2.8	5.8	6.3	15.7	14.5	13.1	18	15.7
6	11.9	BF	13.5	9.0	8.9	15.7	18.1	24.3	12.6	11.6	18.8	17.4	16.5	14.9	21.2	21.3	22.0	25.4	12.3	7.1	7.2	7.9	6.6	2.5	23	25.4
7	11.9	BF	5.7	3.0	3.3	4.7	8.0	9.2	6.9	8.9	3.9	4.0	3.2	5.4	2.9	2.1	1.5	1.7	1.2	3.2	4.7	3.9	5.5	3.7	23	11.9
8	2.5	BF	2.0	1.6	1.7	3.8	8.7	10.4	10.7	14.7	7.4	11.4	7.6	2.1	4.8	6.1	2.3	2.7	3.9	5.4	5.6	5.0	4.1	3.7	23	14.7
9	4.9	BF	2.6	2.0	8.5	7.3	7.5	8.6	9.6	8.8	7.3	5.7	11.8	11.8	11.1	13.8	6.1	9.8	7.7	5.3	8.9	6.2	3.9	5.0	23	13.8
10	3.1	BF	1.0	.9	1.7	4.0	4.0	2.6	2.8	2.7	6.7	4.6	5.5	5.6	4.8	1.7	1.9	3.3	2.3	2.2	2.6	2.0	2.4	3.1	23	6.7
11	1.6	BF	1.0	3.2	2.8	7.0	10.4	11.4	11.8	12.3	12.7	12.2	11.0	8.4	6.9	6.8	5.2	14.2	10.9	5.3	12.2	14.0	9.3	8.1	23	14.2
12	2.9	BF	2.7	3.0	1.6	1.8	13.0	17.8	18.4	16.8	16.7	16.0	10.4	11.7	13.0	17.6	13.0	13.7	11.8	11.8	20.6	13.2	13.9	8.2	23	20.6
13	11.3	BF	6.3	10.1	7.6	9.9	14.8	7.6	8.2	6.2	9.3	7.7	7.6	8.7	9.0	7.3	9.6	4.3	4.0	4.6	6.9	9.0	6.7	7.3	23	14.8
14	8.3	BF	4.2	9.1	13.6	11.5	8.5	10.8	13.6	7.5	11.4	13.3	14.2	7.0	17.4	16.3	15.5	16.7	15.6	6.5	13.4	15.6	15.8	18.6	23	18.6
15	16.5	BF	13.9	14.1	10.9	11.4	9.8	16.6	19.3	7.1	9.3	8.7	12.2	15.7	19.3	15.7	19.6	13.9	6.9	8.5	7.0	8.7	10.2	13.0	23	19.6
16	5.7	BF	9.8	5.7	5.4	7.4	11.6	7.9	4.6	6.3	2.4	4.8	4.1	7.0	9.4	12.7	8.5	11.9	3.4	7.3	11.7	9.0	6.1	3.6	23	12.7
17	3.0	BF	5.8	5.5	4.5	6.0	7.0	4.7	4.3	2.6	3.1	7.7	6.4	7.7	9.3	9.3	11.1	9.5	3.7	5.4	8.2	9.8	11.0	9.7	23	11.1
18	9.7	BF	6.9	4.6	4.4	6.5	11.3	25.1	25.5	20.7	20.5	11.0	19.9	16.5	6.0	17.3	19.5	8.1	11.1	12.2	12.2	9.1	20.7	12.4	23	25.5
19	8.6	BF	10.3	11.0	9.8	11.0	13.1	BA	BA	BA	BA	5.6	6.2	4.1	3.9	3.6	2.1	1.2	3.1	4.8	5.1	9.2	12.7	11.8	19	13.1
20	6.2	BF	1.1	1.3	6.9	10.7	8.5	11.3	14.8	11.2	7.6	7.5	8.9	15.4	15.1	14.8	11.9	3.3	4.6	6.2	6.7	7.4	7.7	7.9	23	15.4
21	10.2	BF	4.1	7.0	6.9	5.4	7.0	9.3	8.2	8.5	7.7	5.4	4.6	11.8	15.5	13.9	8.8	2.2	5.0	7.0	8.6	13.8	17.6	14.3	23	17.6
22	12.2	BF	7.7	8.7	7.3	8.7	7.8	14.9	18.8	20.6	15.7	5.4	4.3	5.2	4.1	8.4	13.6	7.0	7.9	9.2	8.0	5.9	4.1	4.8	23	20.6
23	8.1	BF	4.2	3.8	3.8	3.6	5.2	5.0	8.6	7.5	4.2	4.6	2.5	1.0	12.9	1.2	1.4	1.5	1.9	3.3	3.4	3.8	4.9	1.5	23	12.9
24	3.0	BF	2.4	2.3	1.6	4.1	1.3	1.5	1.7	1.9	2.1	1.1	1.5	2.2	1.7	2.0	.9	2.3	1.9	1.7	1.4	2.3	3.8	1.8	23	4.1
25	1.3	BF	1.2	1.7	4.1	8.6	6.8	7.4	5.6	3.0	2.7	2.5	2.1	2.7	2.1	2.4	2.9	2.9	1.4	4.9	4.5	2.7	1.2	1.2	23	8.6
26	1.5	BF	2.4	2.9	2.6	5.1	7.8	6.3	5.3	5.6	3.8	4.4	4.2	3.8	4.4	3.9	3.6	2.3	1.5	1.8	3.0	5.1	5.3	3.6	23	7.8
27	4.5	BF	2.7	3.1	2.6	4.4	7.4	6.8	9.6	5.0	5.0	4.2	3.7	4.1	2.7	3.9	2.6	1.8	2.5	3.2	17.7	27.2	23.7	17.6	23	27.2
28	15.0	BF	9.3	9.5	9.9	9.5	14.8	14.9	16.4	15.2	5.1	5.8	13.2	6.3	19.7	24.3	19.8	9.3	5.5	4.9	4.7	6.2	12.2	15.8	23	24.3
29	14.5	BF	4.2	2.7	4.9	6.2	8.8	9.1	7.0	6.5	3.4	3.1	7.9	4.0	5.4	4.0	3.2	2.9	4.3	2.8	2.4	4.7	4.6	5.4	23	14.5
30	2.2	BF	2.6	4.2	5.9	6.5	6.7	7.4	10.4	10.0	9.0	6.0	4.8	7.9	4.7	6.0	5.6	5.8	4.0	3.1	6.4	8.0	7.3	4.7	23	10.4
31	3.6	BF	3.3	3.2	4.4	3.9	2.7	4.5	3.6	4.3	6.2	4.2	3.1	4.5	4.8	5.3	7.3	3.4	1.9	3.1	7.5	8.1	4.5	4.1	23	8.1
NO.:	31		31	31	31	31	30	29	29	29	29	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	16.5		13.9	14.1	13.6	15.7	18.1	25.1	25.5	20.7	20.5	17.4	19.9	16.5	21.2	24.3	22.0	25.4	15.6	12.2	20.6	27.2	23.7	18.6		
AVG:	6.43		4.78	4.72	5.15	6.55	8.30	9.45	9.62	8.33	7.70	6.94	7.55	7.29	8.31	8.51	7.47	6.39	5.15	5.07	7.04	7.93	8.12	7.01		

MONTHLY OBSERVATIONS: 704 MONTHLY MEAN: 7.10 MONTHLY MAX: 27.2

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.

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-183-0021 POC: 1
COUNTY: (183) Wake
CITY: (00000) Not in a city
SITE ADDRESS: 2826 TRIPLE OAK DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

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

CAS NUMBER: 10102-44-0
LATITUDE: 35.8652000009
LONGITUDE: -78.8197
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 97
PROBE HEIGHT: 4.5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (200) Teledyne-API Model 200EUP or T200U
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: SEPTEMBER 2014

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	3.3	BF	3.2	4.8	5.1	7.7	5.8	6.0	6.8	5.7	5.6	6.0	5.6	5.3	7.4	9.0	7.0	8.7	4.2	4.5	8.9	11.8	10.5	9.3	23	11.8
2	4.2	BF	7.3	9.5	11.1	16.4	18.7	BA	BA	BA	BA	12.9	12.6	16.3	15.9	18.1	14.9	9.0	13.7	12.0	9.4	11.5	11.0	9.0	19	18.7
3	3.6	BF	6.7	11.7	14.8	16.1	16.4	15.4	14.8	13.1	11.1	12.0	6.8	7.5	4.3	2.2	1.8	1.3	9.9	2.8	11.1	13.6	15.1	10.4	23	16.4
4	9.0	BF	7.3	6.6	11.9	10.2	13.7	12.3	23.5	19.0	14.9	16.4	13.6	14.6	15.9	12.5	8.5	3.8	7.1	7.4	11.2	8.2	7.5	9.3	23	23.5
5	4.7	BF	7.4	5.7	7.8	7.0	9.4	11.6	15.6	10.4	14.0	13.3	14.9	12.8	13.2	10.9	6.7	4.4	10.7	11.3	9.0	10.7	9.0	4.0	23	15.6
6	7.2	BF	3.6	3.9	5.0	5.0	5.7	9.9	7.3	10.6	7.5	6.2	5.4	8.3	7.3	6.9	6.8	8.2	2.6	5.8	5.8	10.7	7.4	5.0	23	10.7
7	4.3	BF	2.5	4.4	4.2	4.7	3.8	2.7	1.6	2.9	2.3	1.6	1.1	1.0	1.2	1.2	1.1	2.5	6.8	4.1	3.5	3.2	3.8	3.9	23	6.8
8	1.1	BF	1.1	1.9	2.7	4.9	6.2	6.3	4.7	7.3	8.3	6.8	5.9	3.3	4.7	5.4	5.9	5.7	5.8	2.5	2.2	2.6	1.4	.9	23	8.3
9	.7	BF	1.2	1.2	3.4	6.5	10.3	5.2	6.0	6.4	3.9	2.8	3.1	4.1	5.9	5.3	3.9	3.3	3.7	1.9	4.3	4.2	2.1	1.7	23	10.3
10	1.8	BF	1.1	3.1	2.9	2.9	5.9	9.4	8.8	9.1	10.6	10.6	10.0	5.8	3.7	1.4	3.9	7.1	11.6	13.1	14.2	11.9	10.9	7.0	23	14.2
11	7.0	BF	6.4	7.4	5.9	11.5	13.9	13.2	15.3	12.9	13.6	9.5	9.2	12.5	12.9	15.5	15.9	18.0	8.7	12.0	8.1	5.5	5.1	9.6	23	18.0
12	13.7	BF	5.9	5.9	8.4	8.4	8.5	8.7	6.0	5.0	5.8	3.6	4.8	2.9	2.8	2.9	2.7	8.4	7.4	9.6	6.5	5.0	5.7	4.6	23	13.7
13	6.2	BF	2.3	2.4	4.6	7.8	9.3	9.5	8.0	10.6	9.5	10.9	9.6	9.7	2.4	2.2	1.4	1.5	1.8	1.0	1.3	1.6	2.1	1.4	23	10.9
14	1.1	BF	1.2	2.5	3.1	1.5	2.4	2.1	2.7	1.3	1.3	1.3	1.1	2.0	1.2	1.2	1.8	1.3	1.6	2.3	2.4	1.6	1.2	1.8	23	3.1
15	1.2	BF	1.3	2.2	2.3	7.7	4.7	8.3	10.7	16.5	18.8	BA	17.8	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	11	18.8
16	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	
17	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	6.0	4.6	3.9	7.4	.0	2.2	.0	.0	1.3	.8	1.8	2.3	1.6	.0	14	7.4
18	.0		.0	.0	.0	BC	BC	BC	BC	BC	BC	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	4	0.0
19	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	AV	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
20	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
21	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
22	BA	BA	BA	BA	BA	BA	BA	BC	BC	BC	BC	BC	BC	5.9	4.4	1.7	1.8	2.0	5.1	7.9	9.7	12.2	12.6	5.7	11	12.6
23	3.9	BF	2.1	3.0	5.7	6.7	9.0	7.5	8.1	6.2	4.6	4.6	7.4	4.5	5.9	4.9	3.2	4.2	3.7	3.4	7.2	8.0	3.3	3.7	23	9.0
24	1.3	BF	2.9	3.7	4.9	9.4	4.7	5.4	5.8	5.5	7.8	3.5	5.1	5.9	5.5	5.4	6.0	8.6	5.0	3.5	4.5	4.0	3.4	3.1	23	9.4
25	2.5	BF	1.9	2.1	2.9	5.2	5.7	6.5	5.8	3.9	5.3	5.3	2.8	5.4	3.5	3.1	4.1	3.8	3.7	3.4	1.7	3.0	2.6	2.4	23	6.5
26	1.9	BF	1.8	2.3	2.7	4.9	6.5	3.8	5.5	4.8	3.0	4.2	4.1	3.2	4.2	1.6	1.0	1.5	2.3	4.6	5.1	4.8	3.8	3.3	23	6.5
27	3.5	BF	1.6	1.9	2.2	1.5	2.4	2.8	4.3	3.3	2.1	2.2	2.6	2.0	1.3	1.2	.8	.9	2.2	2.2	4.1	3.3	6.1	6.9	23	6.9
28	5.3	BF	3.3	1.9	1.5	1.2	1.2	1.2	1.8	1.1	2.2	2.2	2.4	1.3	1.5	1.1	.8	.7	1.1	2.8	4.9	5.2	6.2	4.7	23	6.2
29	4.8	BF	5.7	4.6	5.1	8.1	5.9	10.8	13.2	6.9	7.8	8.5	12.7	19.7	18.1	9.9	7.3	7.5	10.2	15.4	12.5	11.0	8.9	8.8	23	19.7
30	6.4	BF	6.4	8.6	8.8	10.8	7.8	BA	BA	BA	BA	11.3	10.4	9.9	5.0	5.9	4.2	4.0	4.3	6.6	7.4	6.5	4.9	5.5	19	11.3
31																									0	
NO.:	24		24	24	24	23	23	21	21	21	22	23	24	24	24	24	24	24	24	24	24	24	24	24		
MAX:	13.7		7.4	11.7	14.8	16.4	18.7	15.4	23.5	19.0	18.8	16.4	17.8	19.7	18.1	18.1	15.9	18.0	13.7	15.4	14.2	13.6	15.1	10.4		
AVG:	4.11		3.51	4.22	5.29	7.22	7.73	7.55	8.40	7.74	7.55	6.97	7.20	7.14	6.18	5.49	4.65	4.85	5.60	5.87	6.53	6.77	6.09	5.08		

MONTHLY OBSERVATIONS: 538 MONTHLY MEAN: 6.12 MONTHLY MAX: 23.5

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.

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-183-0021 POC: 1
COUNTY: (183) Wake
CITY: (00000) Not in a city
SITE ADDRESS: 2826 TRIPLE OAK DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

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

CAS NUMBER: 10102-44-0
LATITUDE: 35.8652000009
LONGITUDE: -78.8197
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 97
PROBE HEIGHT: 4.5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (200) Teledyne-API Model 200EUP or T200U
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: OCTOBER 2014

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

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	6.0	BF	4.7	3.8	4.5	5.1	5.4	11.0	16.7	16.9	15.9	7.9	8.2	8.2	18.2	10.8	2.0	1.6	5.1	11.0	13.4	11.4	10.6	9.0	23	18.2
2	8.0	BF	5.9	6.2	4.8	4.3	6.1	7.1	18.0	18.9	14.9	17.7	8.5	7.5	21.4	25.8	9.9	3.7	4.6	4.9	5.7	4.6	4.5	3.9	23	25.8
3	5.3	BF	6.8	12.0	16.3	17.9	15.9	20.0	17.6	15.6	16.7	13.0	13.8	15.4	18.1	20.2	21.8	19.1	18.1	11.8	11.6	8.3	8.8	5.3	23	21.8
4	4.7	BF	2.6	2.3	3.7	7.0	12.5	11.4	4.6	6.0	5.9	6.1	6.4	6.9	6.9	7.5	8.2	2.7	4.7	4.6	8.0	3.9	5.5	4.8	23	12.5
5	7.4	BF	12.4	6.5	5.2	7.8	10.2	6.0	5.0	3.1	3.9	6.0	6.0	5.9	6.4	6.3	8.9	11.8	6.5	11.7	12.8	14.7	15.6	14.6	23	15.6
6	9.5	BF	10.5	11.1	11.3	12.2	15.1	16.1	21.6	16.4	13.7	12.6	11.3	12.2	14.7	16.4	15.2	22.4	22.4	24.4	16.4	10.4	7.6	5.9	23	24.4
7	5.7	BF	10.0	11.0	8.9	18.2	22.4	20.1	17.8	17.5	14.8	16.1	17.4	15.7	13.4	16.3	14.5	22.0	17.5	16.3	12.6	10.7	7.9	8.2	23	22.4
8	6.4	BF	6.7	9.0	12.9	20.7	23.2	25.6	20.9	19.8	19.9	20.4	19.3	14.6	16.4	19.1	20.3	15.3	9.1	13.8	10.3	9.0	17.7	9.3	23	25.6
9	16.0	BF	3.6	4.0	26.5	23.3	20.6	16.6	16.3	11.0	6.4	6.8	8.0	17.1	24.6	25.5	21.6	5.4	13.8	24.3	14.4	6.8	9.2	6.0	23	26.5
10	5.5	BF	4.6	16.6	20.6	26.7	26.4	24.1	20.4	16.5	13.7	15.7	17.2	17.2	16.3	12.6	18.0	19.4	24.9	17.3	16.9	16.0	15.5	11.8	23	26.7
11	7.1	BF	6.4	6.8	9.6	12.9	15.4	15.0	8.1	6.3	8.3	8.5	7.9	8.2	9.0	6.8	5.3	3.3	2.8	2.8	1.9	1.6	1.5	1.7	23	15.4
12	1.6	BF	1.5	2.1	1.9	2.0	2.0	2.7	2.7	3.3	2.7	4.5	2.8	3.8	4.3	4.0	4.3	7.1	6.4	6.8	4.4	3.9	3.1	3.3	23	7.1
13	2.4	BF	1.9	2.0	2.8	4.2	6.0	7.9	12.5	13.7	14.6	14.3	14.3	11.4	12.2	12.1	4.0	3.1	3.3	6.6	4.6	6.0	4.5	3.3	23	14.6
14	2.1	BF	6.0	7.7	10.4	16.3	17.3	18.3	19.0	BA	BA	BA	BA	11.1	10.5	11.9	11.7	12.5	12.1	11.6	5.9	6.8	4.6	3.1	19	19.0
15	3.1	BF	4.3	8.9	8.8	16.9	14.1	14.4	18.8	18.0	21.5	18.0	18.0	14.2	14.8	15.1	13.4	13.0	14.3	15.0	11.2	11.9	11.4	10.1	23	21.5
16	9.3	BF	11.1	9.3	12.6	17.3	19.5	17.1	15.5	12.5	11.9	12.7	11.3	14.0	20.6	20.2	20.0	13.3	13.8	13.9	14.8	12.2	10.5	8.1	23	20.6
17	7.5	BF	6.8	8.1	8.2	9.2	10.6	11.7	12.1	14.8	15.6	16.5	13.1	13.3	16.6	12.7	16.7	23.3	20.1	18.1	17.0	16.7	14.0	9.0	23	23.3
18	7.2	BF	11.4	8.2	7.2	8.4	8.8	10.3	13.5	8.6	10.1	7.7	8.4	6.2	5.8	4.4	3.0	2.9	4.2	3.1	2.5	3.0	3.0	2.7	23	13.5
19	4.1	BF	3.3	4.7	3.7	2.4	4.5	8.1	4.2	2.0	2.1	3.0	2.4	4.6	2.8	6.6	1.3	1.2	8.3	16.5	13.6	11.1	9.4	7.5	23	16.5
20	5.9	BF	4.9	6.0	5.4	5.5	8.3	11.7	16.7	17.4	14.9	12.5	14.2	15.7	15.7	14.7	18.9	6.2	19.4	20.0	16.6	14.2	13.6	14.7	23	20.0
21	11.1	BF	6.0	7.6	10.4	15.9	14.8	15.7	18.2	20.0	16.3	14.6	13.2	19.2	20.2	24.4	14.8	5.7	11.0	4.3	5.2	4.6	6.6	5.9	23	24.4
22	7.2	BF	9.6	6.3	10.3	16.8	10.2	8.0	6.7	6.0	5.3	7.1	6.9	4.7	6.4	11.4	8.8	11.8	20.2	19.4	14.8	13.3	13.2	14.5	23	20.2
23	11.0	BF	12.2	14.7	18.7	17.4	15.7	17.7	10.0	7.1	9.0	12.5	15.6	13.6	14.6	12.1	7.8	11.2	15.8	6.9	8.2	8.2	4.5	2.6	23	18.7
24	3.6	BF	12.5	15.4	15.8	18.0	17.1	15.1	16.8	16.4	12.6	14.8	19.9	20.4	19.0	21.3	14.3	8.6	15.3	19.6	18.8	13.9	11.3	10.5	23	21.3
25	9.9	BF	6.8	6.7	6.3	6.6	6.2	6.8	10.0	7.7	6.1	7.7	9.3	13.9	12.9	15.5	13.1	4.6	12.4	19.6	19.3	17.4	14.6	18.4	23	19.6
26	21.3	BF	14.1	9.5	10.5	8.5	11.2	6.2	11.6	7.8	6.3	6.6	4.9	3.9	6.1	10.6	6.4	2.0	5.6	11.5	22.8	22.8	19.7	16.8	23	22.8
27	14.6	BF	9.7	9.7	9.1	8.8	7.2	7.6	7.1	18.1	20.4	18.4	17.9	20.7	21.4	23.9	7.9	11.2	13.6	22.1	26.0	22.6	22.5	20.0	23	26.0
28	19.7	BF	9.7	6.7	4.2	11.6	15.0	18.0	BA	BA	BA	15.8	18.5	17.5	19.8	22.4	29.7	28.0	24.7	31.7	25.9	22.2	11.9	8.7	20	31.7
29	9.9 6	BF	13.3 6	13.0 6	17.5 6	29.4 6	23.5 6	18.3 6	17.3 6	16.7 6	13.5 6	16.3 6	14.7 6	17.5 6	19.4 6	23.2 6	8.3 6	6.9 6	4.4 6	2.9 6	3.2 6	13.1 6	9.9 6	3.2 6	23	29.4
30	2.6 6	BF	4.6 6	3.4 6	2.6 6	3.2 6	7.7 6	10.7 6	12.3 6	6.9 6	5.2 6	3.2 6	6.2 6	5.8 6	3.9 6	3.0 6	2.1 6	3.9 6	13.4 6	23.8 6	17.0 6	15.5 6	11.1 6	2.9 6	23	23.8
31	2.6 6	BF	3.3 6	3.4 6	5.2 6	4.8 6	7.4 6	8.1 6	6.7 6	7.1 6	8.5 6	6.7 6	5.6 6	3.3 6	3.4 6	4.3 6	2.9 6	3.5 6	5.2 6	4.3 6	3.5 6	5.0 6	5.5 6	7.5 6	23	8.5
NO.:	31		31	31	31	31	31	31	30	29	29	30	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:	21.3		14.1	16.6	26.5	29.4	26.4	25.6	21.6	20.0	21.5	20.4	19.9	20.7	24.6	25.8	29.7	28.0	24.9	31.7	26.0	22.8	22.5	20.0		
AVG:	7.69		7.33	7.83	9.55	12.24	12.91	13.14	13.29	12.14	11.40	11.46	11.37	11.73	13.41	14.23	11.45	9.89	12.03	13.57	12.24	11.03	9.98	8.17		

MONTHLY OBSERVATIONS: 706 MONTHLY MEAN: 11.21 MONTHLY MAX: 31.7

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.

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-183-0021 POC: 1
COUNTY: (183) Wake
CITY: (00000) Not in a city
SITE ADDRESS: 2826 TRIPLE OAK DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

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

CAS NUMBER: 10102-44-0
LATITUDE: 35.8652000009
LONGITUDE: -78.8197
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 97
PROBE HEIGHT: 4.5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (200) Teledyne-API Model 200EUP or T200U
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: NOVEMBER 2014

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

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	6.5 6	BF	4.7 6	2.4 6	1.7 6	2.1 6	6.5 6	2.5 6	3.4 6	5.2 6	3.5 6	2.6 6	2.6 6	3.0 6	3.1 6	3.3 6	2.8 6	2.2 6	2.1 6	2.5 6	4.4 6	4.5 6	4.5 6	3.7 6	23	6.5
2	2.5 6	BF	2.1 6	1.9 6	3.0 6	2.8 6	4.4 6	4.9 6	2.8 6	2.1 6	1.9 6	3.8 6	4.5 6	4.0 6	5.2 6	4.3 6	3.3 6	2.7 6	3.6 6	8.0 6	10.2 6	7.4 6	3.9 6	4.1 6	23	10.2
3	19.1 6	BF	14.8 6	16.9 6	15.4 6	16.3 6	17.6 6	15.7 6	18.9 6	21.2 6	18.1 6	17.5 6	17.2 6	18.8 6	21.7 6	24.3 6	21.1 6	11.5 6	22.8 6	27.2 6	24.6 6	24.5 6	15.0 6	11.8 6	23	27.2
4	10.8 6	BF	17.8 6	15.8 6	4.9 6	17.2 6	24.7 6	26.1 6	25.5 6	22.3 6	19.5 6	17.1 6	18.4 6	16.0 6	22.4 6	26.2 6	30.9 6	27.6 6	28.8 6	17.3 6	13.7 6	15.3 6	20.5 6	17.8 6	23	30.9
5	13.3 6	BF	15.9 6	16.8 6	22.3 6	23.8 6	19.4 6	26.1 6	23.9 6	22.8 6	16.2 6	15.6 6	16.8 6	19.9 6	20.7 6	22.7 6	30.3 6	22.0 6	24.6 6	19.2 6	19.6 6	24.6 6	19.8 6	11.8 6	23	30.3
6	15.0 6	BF	10.6 6	11.0 6	8.1 6	11.5 6	16.4 6	18.5 6	17.7 6	17.8 6	17.2 6	12.2 6	13.0 6	14.2 6	13.7 6	15.7 6	13.4 6	10.1 6	12.7 6	11.4 6	7.5 6	9.0 6	6.6 6	5.2 6	23	18.5
7	7.8 6	BF	12.4 6	11.4 6	11.9 6	11.8 6	14.5 6	19.1 6	16.0 6	11.2 6	8.7 6	10.1 6	6.1 6	9.8 6	9.3 6	5.8 6	13.9 6	7.8 6	6.0 6	8.4 6	8.1 6	6.3 6	5.8 6	4.6 6	23	19.1
8	4.3 6	BF	6.8 6	3.1 6	3.5 6	4.2 6	7.9 6	6.0 6	7.7 6	8.2 6	9.0 6	10.3 6	9.4 6	7.5 6	9.9 6	11.1 6	11.3 6	6.5 6	18.1 6	18.1 6	16.8 6	12.8 6	9.7 6	12.7 6	23	18.1
9	11.3 6	BF	10.5 6	6.3 6	4.7 6	7.0 6	7.2 6	5.9 6	6.4 6	7.0 6	7.6 6	4.6 6	5.6 6	8.2 6	5.8 6	4.1 6	3.6 6	3.8 6	9.8 6	18.0 6	14.9 6	12.5 6	11.2 6	8.7 6	23	18.0
10	7.6 6	BF	4.6 6	4.3 6	5.8 6	7.0 6	6.3 6	10.5 6	8.8 6	15.6 6	14.2 6	8.7 6	13.2 6	8.0 6	7.4 6	5.6 6	4.5 6	6.8 6	16.0 6	26.3 6	27.2 6	20.5 6	11.9 6	6.2 6	23	27.2
11	8.1 6	BF	3.7 6	4.1 6	3.5 6	4.0 6	3.7 6	6.4 6	8.0 6	7.7 6	9.8 6	9.6 6	6.2 6	6.2 6	4.7 6	5.9 6	3.1 6	5.8 6	10.1 6	14.1 6	12.7 6	11.5 6	9.5 6	13.3 6	23	14.1
12	11.9 6	BF	10.4 6	12.3 6	13.4 6	19.6 6	19.0 6	13.2 6	BA	BA	BA	AE	AE	AE	AE	7.4 6	4.4 6	9.3 6	8.6 6	10.2 6	4.7 6	2.8 6	3.1 6	2.7 6	16	19.6
13	2.7 6	BF	2.8 6	3.1 6	4.5 6	4.9 6	9.4 6	11.5 6	11.2 6	10.1 6	9.6 6	10.5 6	8.6 6	6.4 6	6.8 6	7.4 6	7.6 6	6.7 6	5.8 6	4.7 6	5.0 6	6.6 6	6.9 6	4.9 6	23	11.5
14	3.2 6	BF	4.2 6	4.4 6	4.3 6	8.2 6	8.7 6	7.5 6	10.4 6	7.8 6	5.6 6	3.8 6	3.4 6	4.0 6	6.3 6	7.1 6	5.5 6	5.5 6	7.5 6	9.4 6	6.2 6	4.8 6	5.4 6	7.1 6	23	10.4
15	7.5 6	BF	8.0 6	8.9 6	8.6 6	5.8 6	9.7 6	10.9 6	7.1 6	5.0 6	5.5 6	7.5 6	6.3 6	5.6 6	7.1 6	5.6 6	1.9 6	2.3 6	3.5 6	14.7 6	15.3 6	22.2 6	23.4 6	23.1 6	23	23.4
16	21.9 6	BF	17.5 6	17.8 6	19.3 6	17.3 6	17.3 6	17.5 6	19.7 6	17.2 6	12.1 6	11.7 6	13.8 6	13.5 6	11.3 6	7.3 6	10.1 6	11.5 6	8.6 6	8.3 6	9.3 6	9.0 6	11.9 6	11.4 6	23	21.9
17	9.8 6	BF	10.7 6	11.3 6	10.8 6	12.1 6	18.4 6	13.8 6	14.3 6	13.1 6	12.5 6	12.9 6	15.7 6	13.8 6	13.2 6	9.7 6	11.2 6	11.1 6	8.7 6	9.3 6	12.4 6	10.5 6	7.9 6	6.5 6	23	18.4
18	9.4 6	BF	6.0 6	8.4 6	9.8 6	8.4 6	7.9 6	6.2 6	5.9 6	9.4 6	10.2 6	12.6 6	10.1 6	12.3 6	12.8 6	14.3 6	18.2 6	21.5 6	27.4 6	20.6 6	18.4 6	19.2 6	23.7 6	23.1 6	23	27.4
19	24.5 6	BF	22.6 6	22.2 6	20.2 6	22.9 6	16.0 6	13.2 6	12.7 6	20.5 6	18.6 6	16.9 6	18.4 6	16.2 6	14.7 6	17.7 6	24.3 6	31.4 6	31.0 6	29.6 6	22.8 6	13.2 6	9.7 6	9.6 6	23	31.4
20	7.8 6	BF	9.1 6	14.4 6	15.5 6	17.3 6	30.0 6	32.1 6	20.8 6	18.8 6	15.4 6	17.4 6	18.2 6	17.1 6	12.7 6	17.5 6	23.6 6	34.2 6	33.3 6	26.8 6	20.7 6	15.2 6	20.5 6	29.2 6	23	34.2
21	24.3 6	BF	21.3 6	19.8 6	21.7 6	20.5 6	20.9 6	18.8 6	10.6 6	5.3 6	5.3 6	5.2 6	9.1 6	9.3 6	9.7 6	6.8 6	5.3 6	7.4 6	12.8 6	23.2 6	18.9 6	14.2 6	23.1 6	25.0 6	23	25.0
22	21.7 6	BF	23.5 6	22.2 6	21.6 6	19.9 6	18.9 6	17.3 6	22.2 6	20.9 6	15.2 6	10.9 6	11.2 6	10.2 6	14.9 6	17.4 6	12.8 6	7.1 6	13.6 6	25.5 6	28.1 6	26.7 6	25.9 6	18.6 6	23	28.1
23	16.4 6	BF	17.8 6	20.3 6	19.9 6	17.6 6	16.0 6	16.2 6	17.5 6	18.5 6	14.6 6	13.1 6	15.2 6	13.5 6	11.3 6	9.7 6	5.8 6	9.2 6	10.9 6	9.5 6	8.7 6	5.8 6	3.1 6	5.7 6	23	20.3
24	7.9 6	BF	3.8 6	5.1 6	8.1 6	12.2 6	15.5 6	14.5 6	13.3 6	16.1 6	12.3 6	11.2 6	13.2 6	11.7 6	11.4 6	10.9 6	14.9 6	13.4 6	11.3 6	8.6 6	8.6 6	11.8 6	9.9 6	6.7 6	23	16.1
25	4.8 6	BF	8.8 6	7.2 6	13.0 6	17.2 6	21.9 6	BA	BA	BA	BA	11.7 6	16.2 6	5.5 6	5.2 6	7.0 6	6.3 6	5.5 6	6.7 6	10.2 6	12.7 6	10.3 6	7.8 6	4.2 6	19	21.9
26	2.6 6	BF	3.9 6	2.4 6	2.4 6	2.9 6	2.9 6	3.3 6	3.8 6	2.9 6	4.0 6	6.1 6	7.1 6	13.9 6	8.3 6	9.0 6	7.2 6	17.7 6	18.0 6	16.1 6	7.5 6	13.5 6	13.9 6	11.6 6	23	18.0
27	14.9 6	BF	13.2 6	10.5 6	7.3 6	6.0 6	5.8 6	6.1 6	7.8 6	6.2 6	7.0 6	4.7 6	4.6 6	5.0 6	5.9 6	7.0 6	9.3 6	9.4 6	9.3 6	5.1 6	10.0 6	6.6 6	3.9 6	5.4 6	23	14.9
28	3.2 6	BF	6.5 6	6.2 6	8.3 6	12.6 6	18.8 6	19.5 6	14.7 6	6.9 6	2.9 6	3.3 6	3.3 6	5.6 6	6.5 6	12.1 6	16.5 6	5.6 6	14.1 6	21.1 6	20.3 6	18.3 6	16.6 6	15.8 6	23	21.1
29	14.9 6	BF	14.7 6	13.9 6	13.9 6	14.0 6	15.0 6	15.6 6	17.3 6	11.8 6	8.7 6	6.8 6	5.8 6	6.8 6	6.4 6	8.1 6	14.4 6	11.1 6	10.1 6	8.6 6	10.0 6	17.4 6	18.0 6	12.9 6	23	18.0
30	12.5 6	BF	7.9 6	8.6 6	8.0 6	6.3 6	13.5 6	13.2 6	9.5 6	5.3 6	6.8 6	5.9 6	7.4 6	6.5 6	6.9 6	6.6 6	10.3 6	18.1 6	16.8 6	15.7 6	11.6 6	15.7 6	17.4 6	21.0 6	23	21.0
31																									0	
NO.:	30		30	30	30	30	30	29	28	28	28	29	29	29	29	30	30	30	30	30	30	30	30	30		
MAX:	24.5		23.5	22.2	22.3	23.8	30.0	32.1	25.5	22.8	19.5	17.5	18.4	19.9	22.4	26.2	30.9	34.2	33.3	29.6	28.1	26.7	25.9	29.2		
AVG:	10.94		10.55	10.43	10.51	11.78	13.81	13.52	12.78	12.03	10.43	9.80	10.37	10.09	10.18	10.59	11.59	11.49	13.75	14.92	13.70	13.09	12.35	11.48		

MONTHLY OBSERVATIONS: 679 MONTHLY MEAN: 11.75 MONTHLY MAX: 34.2

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.

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-183-0021 POC: 1
COUNTY: (183) Wake
CITY: (00000) Not in a city
SITE ADDRESS: 2826 TRIPLE OAK DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

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

CAS NUMBER: 10102-44-0
LATITUDE: 35.8652000009
LONGITUDE: -78.8197
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 97
PROBE HEIGHT: 4.5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (200) Teledyne-API Model 200EUP or T200U
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: DECEMBER 2014

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

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	14.1	BF	20.7	18.5	14.3	21.5	26.4	23.1	19.6	15.6	18.2	18.2	16.2	19.3	21.1	19.9	23.7	23.3	32.9	28.2	18.4	13.1	14.9	7.7	23	32.9
2	9.6	BF	8.2	3.3	2.5	3.1	4.2	3.1	3.9	5.8	7.8	6.9	6.9	8.1	7.6	6.4	7.3	7.2	7.7	9.0	8.1	6.7	6.6	6.8	23	9.6
3	6.0	BF	8.2	8.8	10.4	10.0	10.6	11.2	19.3	33.0	33.8	35.5	17.7	11.3	11.1	12.8	13.1	16.0	18.7	16.4	11.9	11.4	7.2	5.3	23	35.5
4	5.4	BF	3.2	3.9	3.2	4.0	5.4	9.5	8.8	7.6	4.9	4.8	6.8	6.1	6.3	7.4	8.3	9.4	9.1	8.8	8.2	5.6	7.6	7.6	23	9.5
5	5.4	BF	4.4	3.8	5.3	6.1	8.7	10.6	15.8	10.4	9.1	8.9	9.2	12.4	12.2	8.7	10.3	9.3	10.5	10.7	10.9	10.2	10.0	7.9	23	15.8
6	9.7	BF	9.6	10.7	9.6	9.6	9.8	11.7	13.0	13.2	12.6	14.5	14.6	12.7	12.5	14.7	15.2	14.3	10.3	8.9	9.1	6.5	9.6	6.5	23	15.2
7	3.5	BF	2.2	1.9	1.4	1.1	.9	.8	.7	.6	.7	.5	.5	.5	.4	.6	.9	1.9	1.7	2.0	2.5	2.5	3.3	2.9	23	3.5
8	2.7	BF	2.3	2.3	2.6	2.9	4.1	5.2	6.1	3.6	3.3	3.0	4.3	2.9	3.8	5.2	5.4	5.7	4.5	3.9	3.4	4.6	3.6	3.5	23	6.1
9	3.4	BF	6.0	6.1	6.2	6.6	7.9	9.0	8.8	8.9	11.1	11.1	8.8	12.9	12.2	13.9	13.7	18.4	12.8	24.8	20.6	21.1	19.1	12.5	23	24.8
10	8.1	BF	14.8	16.7	16.5	16.7	16.9	15.8	BA	BA	BA	BA	9.1	12.5	12.5	13.2	14.8	18.6	14.4	13.1	13.8	16.8	18.3	15.0	19	18.6
11	13.4	BF	14.9	12.8	13.6	18.2	19.7	21.3	AZ	AZ	AZ	AZ	AZ	AZ	AZ	18.0	23.7	18.1	21.7	24.8	22.7	22.2	22.7	20.1	16	24.8
12	17.8	BF	14.0	21.3	18.6	15.9	21.4	24.6	27.8	20.7	19.9	16.6	16.5	15.3	15.2	18.3	26.1	29.2	26.2	27.3	24.7	22.6	23.0	20.1	23	29.2
13	23.6	BF	20.9	22.5	19.2	17.1	18.9	18.3	20.1	18.2	13.4	6.6	8.3	8.2	7.2	14.3	15.0	7.7	13.3	19.9	23.5	22.0	20.5	19.5	23	23.6
14	17.9	BF	8.4	4.8	3.0	11.4	15.8	15.6	14.0	12.3	8.5	7.2	6.5	5.4	8.0	5.2	5.4	6.0	10.6	16.5	20.3	16.8	15.7	16.6	23	20.3
15	18.5	BF	18.9	16.0	13.0	10.4	11.2	11.8	11.9	14.5	16.4	17.9	15.7	19.5	16.4	17.1	15.1	17.2	24.4	24.1	22.8	19.9	16.7	17.4	23	24.4
16	15.4	BF	14.5	11.9	11.6	16.3	21.1	22.4	27.5	24.4	24.5	25.8	25.9	22.3	22.8	22.9	14.1	19.0	14.7	17.0	17.2	14.8	16.3	14.3	23	27.5
17	12.5	BF	13.4	17.3	15.9	17.2	23.2	17.9	17.4	13.4	12.5	10.3	11.9	13.7	13.3	19.2	21.0	13.6	17.8	21.4	18.7	18.2	AV	13.2	22	23.2
18	12.7	BF	12.8	11.7	14.0	12.7	13.5	18.8	15.6	15.6	8.6	9.8	8.5	13.5	16.9	14.4	9.6	12.0	15.6	19.9	18.4	21.6	18.3	15.7	23	21.6
19	17.6	BF	15.4	14.8	14.1	15.6	17.1	15.8	14.5	BC	BC	BC	BC	BC	BC	5.6	5.6	6.3	15.9	23.6	23.2	18.5	13.1	12.1	17	23.6
20	15.5	BF	11.2	6.3	6.1	6.6	8.5	7.5	8.2	6.8	7.3	6.1	7.4	7.7	8.1	9.3	8.6	9.2	8.7	8.2	9.0	10.9	10.3	9.7	23	15.5
21	9.8	BF	7.6	5.8	4.4	4.4	7.1	6.0	4.8	5.2	6.2	5.1	4.0	4.2	2.5	3.0	4.6	7.2	8.6	9.3	5.7	5.3	6.1	3.8	23	9.8
22	2.9	BF	2.5	2.2	3.4	3.3	5.4	5.2	5.4	6.8	6.7	5.7	7.5	7.1	5.6	5.5	7.2	6.8	6.3	6.4	6.5	6.4	8.8	7.5	23	8.8
23	5.8	BF	8.5	9.2	7.6	9.2	9.3	9.4	8.4	10.2	8.9	9.4	11.9	8.9	10.4	13.0	12.4	9.3	10.3	9.9	11.4	9.8	10.9	10.1	23	13.0
24	10.7	BF	8.6	8.6	9.4	8.4	9.6	9.5	11.8	9.9	12.5	13.0	14.7	20.2	18.8	11.2	8.2	7.4	6.0	7.7	3.7	3.9	3.1	3.4	23	20.2
25	2.8	BF	3.5	1.6	2.2	2.5	3.2	4.0	4.2	4.2	2.3	2.1	3.1	2.3	3.1	3.6	5.3	1.6	5.9	13.9	14.6	13.6	12.8	10.4	23	14.6
26	9.8	BF	6.6	6.3	5.6	5.7	5.6	5.8	6.0	10.3	14.1	9.7	8.2	9.7	7.8	12.2	10.9	5.2	11.5	13.5	14.6	13.1	12.8	10.7	23	14.6
27	11.0	BF	10.0	10.2	9.6	7.0	7.8	8.0	9.1	12.8	11.9	8.2	7.0	8.8	9.2	12.3	17.5	11.6	21.2	17.0	21.6	20.0	11.3	8.1	23	21.6
28	11.4	BF	14.8	16.7	10.3	5.9	6.7	6.5	5.4	6.3	5.4	7.1	6.1	7.2	7.8	9.4	11.1	12.1	14.1	12.5	9.4	5.4	8.1	8.8	23	16.7
29	9.4	BF	3.8	3.1	2.6	4.5	6.2	10.1	15.2	11.8	10.2	8.4	5.1	4.6	3.8	4.7	4.5	4.2	3.5	4.0	4.2	4.4	3.6	4.1	23	15.2
30	3.8	BF	2.4	2.1	2.6	3.5	3.8	4.9	6.5	5.0	4.5	3.9	3.9	4.3	3.7	4.3	5.9	4.8	6.6	7.4	11.2	12.8	13.9	13.6	23	13.9
31	11.5	BF	10.7	10.8	12.3	12.5	15.0	16.4	13.9	16.1	13.2	12.9	10.4	14.2	15.6	18.2	11.3	5.6	7.7	16.5	20.9	20.0	20.6	19.0	23	20.9
NO.:	31		31	31	31	31	31	31	29	28	28	28	29	29	29	31	31	31	31	31	31	31	30	31		
MAX:	23.6		20.9	22.5	19.2	21.5	26.4	24.6	27.8	33.0	33.8	35.5	25.9	22.3	22.8	22.9	26.1	29.2	32.9	28.2	24.7	22.6	23.0	20.1		
AVG:	10.38		9.77	9.42	8.75	9.35	11.13	11.61	11.85	11.54	11.02	10.33	9.54	10.20	10.20	11.11	11.48	10.91	12.68	14.41	13.91	12.93	12.29	10.77		

MONTHLY OBSERVATIONS: 695 MONTHLY MEAN: 11.12 MONTHLY MAX: 35.5

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.

QUALIFIER CODES:

Qualifier Code	Qualifier Description	Qualifier Type
6	QAPP Issue	QA
AB	Technician Unavaliable	NULL
AE	Shelter Temperature Outside Limits	NULL
AI	Insufficient Data (cannot calculate)	NULL
AK	Filter Leak	NULL
AM	Miscellaneous Void	NULL
AN	Machine Malfunction	NULL
AS	Poor Quality Assurance Results	NULL
AT	Calibration	NULL
AV	Power Failure	NULL
AX	Precision Check	NULL
AZ	Q C Audit	NULL
BA	Maintenance/Routine Repairs	NULL
BC	Multi-point Calibration	NULL
BD	Auto Calibration	NULL
BF	Precision/Zero/Span	NULL
BJ	Operator Error	NULL
BK	Site computer/data logger down	NULL
DA	Aberrant Data (Corrupt Files, Aberrant Chromatography, Spikes, Sh	NULL
EH	Estimated; Exceeds Upper Range	QA

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